



SARASOTA COUNTY
"Dedicated to Quality Service"

July 24, 2000

David R. Sollenberger
City Manager
City of Sarasota
P. O. Box 1058
Sarasota, FL 34230

Subject: Correction to the Annual Report for Sarasota County Major Municipal Separate Storm
Sewer System (MS4) NPDES Permit No. FLS000004

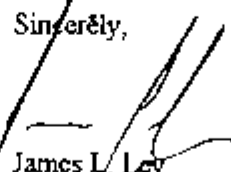
Dear Dave:

Thank you for your letter dated July 3, 2000, regarding the correction to the 1999 NPDES Annual Report. Staff has prepared the necessary correspondence to the U.S. Environmental Protection Agency and the Florida Department of Environmental Protection.

Enclosed is the correction to Table 7.1, Financial Survey, contained in the annual report submitted by Sarasota County and the City of Sarasota for year five of the permit term (1999). Please note the table contains the following correction: "Street sweeping conducted by Sarasota County is funded by a Transportation Trust Gas Tax, not Storm Water Fees as was previously reported."

We appreciate your detailed review and comments. If you have any questions, please contact J. Kent Kimes, P.E., Manager, Pollution Control, at (941) 378-6128, extension 5605.

Sincerely,


James L. Ley
County Administrator

Enclosure

c: David R. Bullock, Deputy County Administrator
Edward C. Goscicki, P.E., Environmental Services Executive Director
Gary S. Comp, Natural Resources General Manager
Sandra Newell, P.E., Stormwater Planning General Manager
Patrick S. Collins, P.E., City Engineer, City of Venice
T. W. Hunt, P.G., NPDES Coordinator, Florida Department of Transportation
Juan Florensa, Public Works Director, City of North Port
Martin Black, Community Services Director, Town of Longboat Key



Section 7 - Fiscal Analysis

These figures were based on the best available information from Sarasota County and the City of Sarasota employees who were responsible for implementing the elements.

Table 7.1 Financial Survey for Year Five (1999):

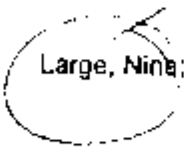
Program Activity	Previous Year (FY 1998)	Current Year (FY 1999)	Future Year (FY 2000)	Funding Source/Comments
1. O & M of Structural Controls; Inspect Structural Controls	\$37,000	\$187,000	\$191,000	Storm water Fees
1. O & M of Structural Controls; Private Storm Water Systems	Not Available as a Line Item Cost			Costs included with Inspections of Structural Controls
1. O & M of Structural Controls; Inspector Training	\$8,450	Drainage: \$2,000	Drainage: \$2,500	Storm water Fees & Transportation General Funds
2. Control of Discharges; Adopt Ordinances and I.D.R.s	Not Available as a Line Item Cost			Negligible Costs
2. Control of Discharges; Basin Planning	\$1,929,953	\$2,633,000	\$1,815,000	Storm water Fees
3. O & M of Roads; Litter Control	\$80,000	\$68,000	\$80,000	Transportation General Funds & Solid Waste Fees
3. O & M of Roads; Street Sweeping - County	\$1,143,525	\$3,100,000	\$3,000,200	Transportation Trust Gas Tax
3. O & M of Roads; Street Sweeping - City	\$302,000	\$302,000	\$302,000	Public Works Department
3. O & M of Roads; Street Sweeping - Keep Sarasota Beautiful - City & County	\$130,000	\$130,000	\$150,000	Solid Waste Tipping Fees & FDEP Grants
3. O & M of Roads; Catch Basin and Ditch Maintenance	\$1,975,000	\$1,961,297	\$2,150,000	Storm water Fees
3. O & M of Roads; Pollution Reduction Practices - County	\$2,844	Drainage: \$2,250 \$2,844	Drainage: \$2,888 \$2,844	Transportation General Funds

From: Brenda Fisher
To: Reid, Johnnie Mae
Date: 7/24/00 3:19:42
Subject: Jim Ley Assn: #2000556 - Due 7/25/00 - Funding of Street Sweeping

Attached is a letter (with enclosure) for Jim's signature which closes out the above referenced assignment. I have printed a copy to attach to the assignment sheet/backup and will forward in interoffice mail.

Please provide us with a signed copy.

Thanks, Johnnie!

CC:  Large, Nina; Newell, Sandra; Pluta, Linda; Robertson, Dianne

July 21, 2000

David R. Sollenberger
City Manager
City of Sarasota
Post Office Box 1058
Sarasota, Florida 34230

Subject: Correction to the Annual Report for Sarasota County Major Municipal Separate Storm
Sewer System (MS4) NPDES Permit No. FLS000004

Dear Mr. Sollenberger:

Thank you for your letter dated July 3, 2000 regarding the correction to the 1999 NPDES Annual Report. Staff has prepared the necessary correspondence to the U.S. Environmental Protection Agency and the Florida Department of Environmental Protection.

Enclosed is the correction to Table 7.1, Financial Survey, contained in the annual report submitted by Sarasota County and the City of Sarasota for year five of the permit term (1999). Please note the table contains the following correction: Street sweeping conducted by Sarasota County is funded by a Transportation Trust Gas Tax, not Storm Water Fees as was previously reported.

We appreciate your detailed review and comments. If you have any questions, please contact J. Kent Kimes, P.E., Manager, Pollution Control, at (941) 378-6128, extension 5605.

Sincerely,

James L. Ley
County Administrator

Enclosure

cc: David R. Bullock, Deputy County Administrator
Edward Goscicki, P.E., Executive Director, Environmental Services
Gary S. Comp, General Manager, Natural Resources
Sandra Newell, P.E., General Manager, Stormwater Planning
Patrick S. Collins, P.E., City Engineer, City of Venice
T.W. Hunt, P.G., NPDES Coordinator, Florida Department of Transportation
Juan Florensa, Public Works Director, City of North Port
Martin Black, Community Services Director, Town of Longboat Key

ASC00.151

JUL 5 2 11 PM '00



SARASOTA COUNTY GOVERNMENT
SARASOTA, FLORIDA

JAMES L. LEY
County Administrator

ENVIRONMENTAL SERVICES
OFFICE OF THE
EXECUTIVE DIRECTOR

DATE: July 10, 2000

TO: Edward C. Gorsicki, P.E.
Environmental Services Executive Director

Stephen D. Cork
Public Works Executive Director

FROM: James L. Loy, County Administrator

RE: Funding of Street Sweeping/David R. Salzenberger
Reference No. 2000556

AT YOUR EARLIEST CONVENIENCE:

Please investigate the information contained in Mr. Sollenberger's correspondence and coordinate a response for my signature. O

Suspense Date: 07/25/00

David R. Bullock

Government and submitted to the
weeping costs found in Section 7
on stormwater fees and another

a stormwater fees, then the City is
sping in the City. The City's

ing program with County staff, and
ping costs and the source of
tax.

sum to EPA to correct the report.

"Dedicated to Quality Service"

William G. Hallisey
Dennis Daughters

Office of City Manager
Post Office Box 1058, Sarasota, Florida 34230
1565 First Street, Sarasota, Florida 34236
Telephone (941) 954-4102 • Suncom 949-4102 • Fax (941) 954-4129





SARASOTA COUNTY
GOVERNMENT
COUNTY ADMINISTRATOR

JUL 5 2 11 PM '00

July 3, 2000

Mr. James L. Ley
County Administrator
Sarasota County Government
1660 Ringling Boulevard
Sarasota, FL 34236

Jim
Dear Mr. ~~Ley~~:

In reviewing the 1999 NPDES Annual Report prepared by Sarasota County Government and submitted to the U. S. Environmental Protection Agency, I read the fiscal analysis of street sweeping costs found in Section 7 on page 77. It says that the County funded \$3 million for street sweeping from stormwater fees and another \$150,000 from solid waste tipping fees and grants.

If this report is correct about the County funding street sweeping costs from stormwater fees, then the City is eligible for using this same source of funds to cover the costs of street sweeping in the City. The City's current cost of street sweeping is approximately \$302,000.

William Hallisey, Public Works Director, has discussed your street sweeping program with County staff, and they say the NPDES Annual Report is incorrect about both the street sweeping costs and the source of funding. County staff says funding for your street sweeping comes from gas tax.

Based on this incorrect data, we think the County needs to submit an erratum to EPA to correct the report.

I look forward to hearing from you.

Sincerely,


David R. Sollenberger
City Manager

DRS/GEM/jb

cc: V. Peter Schneider
Gibson E. Mitchell
William G. Hallisey
Dennis Daughters

Office of City Manager
Post Office Box 1058, Sarasota, Florida 34230
1565 First Street, Sarasota, Florida 34236
Telephone (941) 954-4102 • Suncom 949-4102 • Fax (941) 954-4129





SARASOTA COUNTY

"Dedicated to Quality Service"

July 20, 2000

Michael Mitchell, Environmental Scientist
U.S. Environmental Protection Agency, Region IV
Atlanta Federal Center
Water Management Division
61 Forsyth Street, SW
Atlanta, Georgia 30303

Subject: Correction to the Annual Report for Sarasota County Major Municipal Separate Storm
Sewer System (MS4) NPDES Permit No. FLS000004

Dear Mr. Mitchell:

Enclosed is a correction to the annual report submitted by Sarasota County and the City of Sarasota for year five of the permit term (1999). Please note the enclosed Fiscal Analysis contains the following correction: Street sweeping conducted by Sarasota County is funded by a Transportation Trust Gas Tax, not Storm Water Fees as was previously reported. If you have any questions, please contact me at (941) 378-6128, extension 5678, at jryan@co.sarasota.fl.us, or at the address below.

Sincerely,

John Ryan
Environmental Specialist(III)
Pollution Control

Enclosure

cc: James L. Ley, County Administrator
David R. Bullock, Deputy County Administrator
Edward Goscicki, P.E., Executive Director, Environmental Services
Gary S. Comp, General Manager, Natural Resources
Sandra Newell, P.E., General Manager, Stormwater Planning
David R. Sollenberger, City Manager, City of Sarasota
Patrick S. Collins, P.E., City Engineer, City of Venice
T.W. Hunt, P.G., NPDES Coordinator, Florida Department of Transportation
Juan Florensa, Public Works Director, City of North Port
Martin Black, Community Services Director, Town of Longboat Key

ASC00.152



SARASOTA COUNTY

"Dedicated to Quality Service"

July 20, 2000

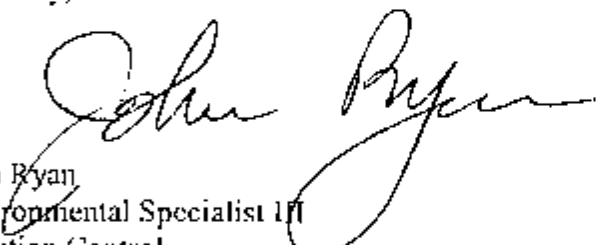
Michael Bateman, P.E.
Florida Department of Environmental Protection
Division of Water Facilities
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Subject: Correction to the Annual Report for Sarasota County Major Municipal Separate
Storm Sewer System (MS4) NPDES Permit No. FL.S000004

Dear Mr. Bateman:

Enclosed is a correction to the annual report submitted by Sarasota County and the City of Sarasota for year five of the permit term (1999). Please note the enclosed Fiscal Analysis contains the following correction: Street sweeping conducted by Sarasota County is funded by a Transportation Trust Gas Tax, not Storm Water Fees as was previously reported. If you have any questions, please contact me at (941) 378-6128, extension 5678, at jryan@co.sarasota.fl.us, or at the address below.

Sincerely,


John Ryan
Environmental Specialist III
Pollution Control

Enclosure

cc: James L. Ley, County Administrator
David R. Bullock, Deputy County Administrator
Edward Goscicka, P.E., Executive Director, Environmental Services
Gary S. Comp, General Manager, Natural Resources
Sandra Newell, P.E., General Manager, Stormwater Planning
David R. Sollenberger, City Manager, City of Sarasota
Patrick S. Collins, P.E., City Engineer, City of Venice
T.W. Hunt, P.G., NPDES Coordinator, Florida Department of Transportation
Juan Florensa, Public Works Director, City of North Port
Martin Black, Community Services Director, Town of Longboat Key

ASC00.153



SARASOTA COUNTY
"Dedicated to Quality Service"

FILE COPY

INTEROFFICE MEMORANDUM

To: David R. Bullock, Deputy County Administrator

Through: Edward Goscicki, P.E., Executive Director, Environmental Services *E. Goscicki*

From: *G. S. Comp* Gary S. Comp, General Manager, Natural Resources

Subject: **Sarasota County NPDES Municipal Separate Storm Sewer System (MS4)
Permit: 1999 Annual Report**

Date: June 19, 2000

The accompanying report satisfies the requirement of Part V.C. of the NPDES MS4 Permit No. FLS000004 to submit an annual report to the U.S. Environmental Protection Agency (EPA) and forward a copy to the Florida Department of Environmental Protection (DEP). The report describes the many activities performed throughout the calendar year 1999 by Sarasota County and the City of Sarasota. The majority of the activities were completed by Drainage Operations, Stormwater Planning, and Pollution Control. Other participants included the Cooperative Extension Service, Solid Waste, Hazardous Waste, Transit, the Fire Department, Fleet Management, and the City Public Works Department. The various parts of the report were compiled and edited by Pollution Control.

The permit requires certification of the report by an officer of the submitting entity. The signatory certifies that qualified personnel gathered and evaluated the information submitted. Please review and sign the Report Certification pages marked for your signature. In addition, the report has been submitted to David Sollenberger, City of Sarasota, for signature. The report is due to the EPA by June 30, 2000.

Please contact J. Kent Kimes, P.E., Manager, Pollution Control, at 378-6128, extension 5605, if you have any questions.

Attachments



SARASOTA COUNTY

"Dedicated to Quality Service"

June 23, 2000

Michael Mitchell, Environmental Scientist
U.S. Environmental Protection Agency, Region IV
Atlanta Federal Center
Water Management Division
61 Forsyth Street, SW
Atlanta, Georgia 30303

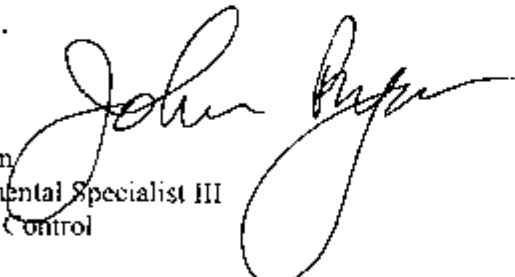
Subject: Annual Reports for Sarasota County Major Municipal Separate Storm Sewer System (MS4)
NPDES Permit No. FLS000004

Dear Mr. Mitchell:

Enclosed is the annual report pursuant to the subject permit for Sarasota County and the City of Sarasota for year five of the permit term covering January 1, 1999 through December 31, 1999. The co-permittees of Sarasota County and the City of Sarasota have produced a single annual report. The other co-permittees, including the City of Venice, the City of North Port, and the Florida Department of Transportation, District 1, produced independent annual reports included herein. The Town of Longboat Key, another co-permittee, will send an independent annual report separately. Copies have been provided to the Florida Department of Environmental Protection.

Section 6, Permit Modifications, suggests several changes in permit elements. These are similar to the suggestions offered in the permit renewal submittals of June 28, 1999 and April 18, 2000. These suggestions are designed to redirect limited local resources away from unproductive activities, and toward activities shown to produce genuine improvements in storm water and surface water quality. There is no intention to minimize compliance with any effective elements of the permit. If you have any questions, please contact me at (941) 378-6128, ext. 5678, at jryan@co.sarasota.fl.us, or at the address below.

Sincerely,


John Ryan
Environmental Specialist III
Pollution Control

Enclosures

cc: David R. Bullock, Deputy County Administrator
Edward Goswicki, P.E., Executive Director, Environmental Services
Gary S. Comp, General Manager, Natural Resources
Sandra Newell, P.E., General Manager, Stormwater Planning
David R. Sollenberger, City Manager, City of Sarasota
Patrick S. Collins, P.E., City Engineer, City of Venice
T.W. Hunt, P.G., Florida Department of Transportation, District One, Bartow
Juan Florensa, Public Works Director, City of North Port
Martin Black, Community Services Director, Town of Longboat Key

ASC00.117

ENVIRONMENTAL SERVICES, Natural Resources • 1301 Cattlemen Road, Bldg. B, Sarasota, FL 34232
Tel 941-378-6128 • Fax 941-378-0563



SARASOTA COUNTY

"Dedicated to Quality Service"

June 23, 2000

Michael Bateman, P.E.
Florida Department of Environmental Protection
Division of Water Facilities
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Subject: Annual Reports for Sarasota County Major Municipal Separate Storm Sewer System (MS4)
NPDES Permit No. FLS000004

Dear Mr. Bateman:

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Pollution Control

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Sandra Newell, P.E., General Manager, Stormwater Planning
David R. Sollenberger, City Manager, City of Sarasota
Patrick S. Collins, P.E., City Engineer, City of Venice
T.W. Hunt, P.G., Florida Department of Transportation, District One, Bartow
Juan Florensa, Public Works Director, City of North Port
Martin Black, Community Services Director, Town of Longboat Key

ASC00.118

ENVIRONMENTAL SERVICES, Natural Resources • 1301 Cattlemen Road, Bldg. B., Sarasota, FL 34232
Tel 941-378-6128 • Fax 941-378-6563

SARASOTA COUNTY

and the

CITY OF SARASOTA

ANNUAL REPORT for YEAR FIVE

January 1, 1999 to December 31, 1999

National Pollutant Discharge Elimination System

Municipal Separate Storm Sewer System

Permit Number FLS000004

Co-Permittees with:

City of Venice

City of North Port

Town of Longboat Key

Florida Department of Transportation, District 1

175000121

Report Certification for Sarasota County

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

David R. Bullock

David R. Bullock, Deputy County Administrator
Sarasota County

6-20-00

Dated

Report Certification for the City of Sarasota

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



David R. Sollenberger, City Manager
City of Sarasota



Dated

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I	Investigation of Organic Pollutants
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K	City Proposed Impervious Surfaces Pilot Program
L	Outfall Inventory
M	County Emergency Management Plan

Section 1 - List of Contacts for Each Co-Permittee

Sarasota County

John Ryan
Environmental Specialist III
Pollution Control
1301 Cattlemen Road, Bldg. B
Sarasota, Florida 34232
Phone: (941) 378-6128, extension 5678
Fax: (941) 378-6563
jryan@co.sarasota.fl.us

Town of Longboat Key

Martin Black
Director of Community Development
Planning, Zoning and Building Department
561 Bay Isles Road
Longboat Key, Florida 34228
Phone: (941) 316-1966
Fax: (941) 316-1970

City of Venice

Patrick S. Collins, P.E.
City Engineer
Engineering Department
401 West Venice Avenue
Venice, Florida 34285
Phone: (941) 486-2626
Fax: (941) 484-8697
pcollin@ci.venice.fl.us

Florida Department of Transportation

T.W. Hunt, P.G.
NPDES Coordinator
Maintenance Division, District One
801 North Broadway Avenue
P.O. Box 1249
Bartow, Florida 33831-1249
Phone: (941) 519-2560
Fax: (941) 534-7045
Thomas.Hunt@DOT.state.fl.us

City of Sarasota

David R. Sollenberger
City Manager
P.O. Box 1058
Sarasota, Florida 34230
Phone: (941) 954-4102
Fax: (941) 954-4129
david_sollenberger@ci.sarasota.fl.us

City of North Port

Juan Florensa
Public Works Department Director
1930 West Price
North Port, Florida 34286
Phone: (941) 423-7220
Fax: (941) 423-6608
j2flora@aol.com

This Annual Report is compiled and produced for Sarasota County and the City of Sarasota. The co-permittees, including the Florida Department of Transportation, District 1, the Town of Longboat Key, the City of Venice, and the City of North Port, submit Annual Reports that have been produced independently. All co-permittees have participated in a committee discussion of the issues presented in this report that apply to all co-permittees, such as permit modifications.

Section 1 - List of Contacts for Each Co-Permittee

Sarasota County

John Ryan
Environmental Specialist III
Pollution Control
1301 Cattleman Road
Sarasota, Florida 34232
Phone: (941) 378-6128, extension 5678
Fax: (941) 378-6563
jryan@co.sarasota.fl.us

Town of Longboat Key

Martin Black
Director of Community Development
Planning, Zoning and Building Department
600 General Harris Street
Longboat Key, Florida 34228
Phone: (941) 316-1966
Fax: (941) 316-1970

City of Venice

Patrick S. Collins, P.E.
City Engineer
Engineering Department
401 West Venice Avenue
Venice, Florida 34285
Phone: (941) 486-2626
Fax: (941) 484-8697
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Florida Department of Transportation

T.W. Hunt, P.G.
NPDES Coordinator
Maintenance Division, District One
215 North Floral Avenue
Bartow, Florida 33831-1249
Phone: (941) 519-2560
Fax: (941) 534-7045
Thomas.Hunt@DOT.state.fl.us

City of Sarasota

David R. Sollenberger
City Manager
P.O. Box 1058
Sarasota, Florida 34230
Phone: (941) 954-4102
Fax: (941) 954-4129
david_sollenberger@ci.sarasota.fl.us

City of North Port

Juan Florensa
Public Works Department Director
5650 North Port Boulevard
North Port, Florida 34285
Phone: (941) 423-7220
Fax: (941) 423-6608
j2flora@aol.com

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Storm Water Management Program Evaluation

Section 2.1 Objective of Program

The objective of the Storm Water Management Program (SWMP) is to improve the quality of surface waters in Sarasota County by improving the quality of storm water runoff through implementation of the many elements of the permit, that was developed by Sarasota County, the City of Sarasota, the co-permittees, the Florida Department of Environmental Protection (FDEP), and the Environmental Protection Agency (EPA).

Storm Water Management Program Evaluation

Section 2.2 - Major Findings

The heavy metal investigation of Hudson Bayou identified substantial lead contamination in sediments. The investigation is summarized in Section 5.3 of this report. Data from the investigation is included in Appendices G and H.

There continued to be a real need for the comprehensive pollution control activities listed in the permit in order to achieve the desired result of reducing pollutant loading in receiving waters.

Storm Water Management Program Evaluation

Section 2.3 - Major Accomplishments

In 1999 major accomplishments of the SWMP included:

- Additional progress was made in completing and updating Basin Master Plans and Capital Improvement Projects;
- All required monitoring was completed;
- Domestic wastewater utilities continued to improve specific collection systems that are most prone to overflow;
- Municipal agencies continued to improve housekeeping, storage, and disposal practices of contaminating materials;
- Streets and storm water systems were well maintained, although it required a substantial allocation of money, manpower, and coordination;
- Proper disposal methods were made more available to citizens and small businesses in Sarasota County, redirecting a tremendous amount of waste from potentially illicit disposal methods;
- The wise use, storage, mixing, and application of pesticides was enhanced;
- Many minor illicit discharges were alleviated through voluntary compliance with County ordinances; others required enforcement; and
- Lead contamination of Hudson Bayou was well defined, and planning to remediate the area was initiated.

Storm Water Management Program Evaluation

Section 2.4 - Overall Program Strengths and Weaknesses

SWMP strengths include:

- The outfall inventory has resulted in an improved understanding of the drainage system;
- The comprehensive nature of the SWMP addressed many important issues; and
- The portion of the monitoring program that focused on Hudson Bayou may result in actual improvements to water quality.

SWMP weaknesses include:

- Dry-weather field screening has not discovered polluted discharges and has redirected manpower away from more productive pursuits;
- The construction site inspection checklist is needlessly specific;
- Discharge monitoring report forms are inappropriate for ambient water quality data;
- Manufacturers required to be inspected as high-risk facilities are less likely to be contributing pollutants to storm water than are retail businesses, such as car repair shops, restaurants, and waterfront businesses;
- The monitoring program could be better focused on identifying areas in need of water quality improvements;
- The permit could be more concise in defining the SWMP. The same is true of the annual reporting requirements; and
- There are too many locations required in the outfall-screening program.

Storm Water Management Program Evaluation

Section 2.5 - Future Direction of Program

- Additional effort will be directed to improve runoff from all municipal properties.
- Utilities will continue to upgrade sewage collection systems and reduce raw sewage overflows.
- There may be increased interest in finding money for capital improvement projects dedicated to water quality improvements.

Section 3 - Summary Table for SWMP Activities

PROGRAM ELEMENT	PERMITTEE	REQUIREMENT	ACTIVITY SCHEDULE			COMMENTS
			Activities Required by SWMP	Complied With	Activities Accomplished During Calendar Year	
1. Operation and Maintenance of Structural Controls and Storm Water Collection System	Sarasota County & City of Sarasota	Perform inspections and maintenance of structural controls. Maintain an internal record keeping system to track inspections and maintenance activities performed during the permit. Conduct an annual assessment of the effectiveness of inspection and maintenance schedule and provide a summary of the assessment in each Annual Report.	Inspect and keep records	Yes	Structural controls were inspected and maintained, including mowing, debris removal, sediment removal, and erosion repair. Records were kept on computer.	Monthly wet retention system inspections. 1,176 total inspections. Herbicides applied as needed. Refer to the narrative section of this report for the assessment. Refer to Appendix A for inventories and schedules.
	Sarasota County & City of Sarasota	Identify and inventory each privately owned and maintained storm water management facility, which discharges into the MS4. Within 12 months of the effective date of the permit (1-1-96).	Update inventory	Yes	The inventory continued to be updated in 1999.	Private treatment systems are identified and inventoried in the Storm Water Assessment database.
	Sarasota County & City of Sarasota	Develop a revolving inspection program for privately owned and maintained storm water treatment systems which discharge into the MS4 to determine the compliance with local permit conditions and/or local ordinances. Program developed shall include a description of the enforcement provisions for non-compliance. Following development, include a summary of the inspection program and schedule in the subsequent Annual Report for incorporation into the permit. Within 12 months of the effective date of the permit (1-1-96).	Completed in previous years	Yes	The inspection program continued during 1999.	The new database identifies systems due for inspection. Inspectors are coordinating with SWEWMD.
	Sarasota County & City of Sarasota	Implement revolving inspection program for privately owned and maintained storm water systems, which discharge into the MS4 within 24 months of the effective date of the permit (1-1-97).	Inspect	Yes	48 private storm water systems were inspected in 1999.	
	Sarasota County	Complete the Florida Water and Pollution Control Operators Association (FW&PCOA) course or equivalent.	Train 5 employees per year	Yes	18 employees received FW&PCOA training in 1999.	
	City of Sarasota	Complete the Florida Water and Pollution Control Operators Association (FW&PCOA) course or equivalent.	Train 4 employees per permit	Yes	The City inspector was FW&PCOA trained in 1995.	

PROGRAM ELEMENT	PERMITTEE	REQUIREMENT	ACTIVITY SCHEDULE			COMMENTS
			Activities Required by SWMP	Complied With	Activities Accomplished During Calendar Year	
2. Control of Discharges from Areas of New Development and Significant Redevelopment	Sarasota County	Adopt as local ordinances storm water quality treatment criteria consistent with, but not necessarily similar to, the State of Florida Storm Water Treatment Regulations (FAC 40D-4, 40D-40.62-25). Prior to the end of the permit term (12-31-99).	Completed in previous years	Yes	Sarasota County Land Development Regulations require the detention and treatment of storm water in order to improve the quality of storm water runoff. Refer to Appendix J.	
	City of Sarasota	Adopt as local ordinances storm water quality treatment criteria consistent with, but not necessarily similar to, the State of Florida Storm Water Treatment Regulations (FAC 40D-4, 40D-40.62-25). Prior to the end of the permit term (12-31-99).	Submitted with permit application	Yes	Chapter 29.5 of the City Code, the City Engineering Design Criteria Manual, adopted in 1989, describes requirements for storm water detention.	
	Sarasota County & City of Sarasota	Continue on the current schedule to perform master basin studies on the major watersheds identified in Table 1 on page 4 A-34 of Appendix A. Develop a course of action for each as they are completed. Include in each Annual Report a brief summary of each basin study completed during the permit year and resulting course of action. Effective date of permit (1-1-95).	Study & Summarize	Yes	Two basin studies were adopted in 1999. Update studies were begun.	Basin updates better defined limits of floodplains. Updated basin models were used to determine effects of development.
	Sarasota County	Evaluate land development practices to reduce the amount of impervious surfaces in future development. After completing the evaluation, include a summary of the resulting course of action in the subsequent Annual Report for incorporation into the permit. Within 36 months of the effective date of the permit (1-1-98).	Completed in previous years	Yes	County Land Development Regulations are updated annually.	Current zoning regulations require open space.
	City of Sarasota	Evaluate land development practices to reduce the amount of impervious surfaces in future development. After completing the evaluation, include a summary of the resulting course of action in the subsequent Annual Report for incorporation into the permit. Within 36 months of the effective date of the permit (1-1-98).	Completed in previous years	Yes	The City Comprehensive Plan includes language about reducing impervious surfaces. In 1999 the City implemented a pilot program to reduce impervious surfaces on barrier islands. Refer to Appendix K.	
	Sarasota County	Implement appropriate land development practices and incentives for the reduction of impervious surfaces. As determined by the evaluation, prior to the end of the permit term (12-31-99).	Implement LDRs	Yes	Developers were encouraged to retain open space; storm water assessments were reduced by the inclusion of open space in designs.	
	City of Sarasota	Implement appropriate land development practices and incentives for the reduction of impervious surfaces. As determined by the evaluation, prior to the end of the permit term (12-31-99).	Implement LDRs	Yes	In 1999 the City implemented a pilot program to reduce impervious surfaces on barrier islands. Refer to Appendix K.	

PROGRAM ELEMENT	PERMITTEE	REQUIREMENT	ACTIVITY SCHEDULE			COMMENTS
			Activities Required by SWMP	Complied With	Activities Accomplished During Calendar Year	
3. Operation and Maintenance of Public Streets, Roads, and Highways	Sarasota County	Provide a description of the municipally operated litter control programs for highways and streets within the jurisdictional area for incorporation into the permit. Provide in first Annual Report.	Completed in previous years	Yes	The program reported in the Annual Report for year one continued during 1999.	
	City of Sarasota	Provide a description of the municipally operated litter control programs for highways and streets within the jurisdictional area for incorporation into the permit. Provide in first Annual Report.	Completed in previous years	Yes	The City continued the litter control programs reported in the Annual Report for year one, and continued to participate in Keep Sarasota Beautiful.	
	Sarasota County	Implement litter control programs for highways and streets within the jurisdictional area and properly dispose of collected material. Effective date of the permit (1-1-95).	Control litter.	Yes	Storm water Operations (Aquatic Plant Control), Adopt-a-Pond, Keep Sarasota Beautiful, storm drain placarding, and litter control of roads, ponds, shorelines, lakes, and canals continued.	
	City of Sarasota	Implement litter control programs for highways and streets within the jurisdictional area and properly dispose of collected material. Effective date of the permit (1-1-95).	Control litter.	Yes	Storm water Operations (Aquatic Plant Control), Adopt-a-Pond, Keep Sarasota Beautiful, storm drain placarding, and litter control of roads, ponds, shorelines, lakes, and canals continued.	
	Sarasota County	Implement street sweeping programs within the jurisdictional area and properly dispose of the collected material. Effective date of the permit (1-1-95).	Sweep streets	Yes	County employees and contractors swept 3124 miles in 1999. Disposal was to the landfill.	
	City of Sarasota	Implement street sweeping programs within the jurisdictional area and properly dispose of the collected material. Effective date of the permit (1-1-95).	Sweep streets	Yes	Three trucks swept streets 5 days per week and moved about 2100 tons of waste from roadways to landfill.	Approximately 225 miles of residential streets were swept weekly, and 36 miles of commercial streets were swept weekly.
	Sarasota County & City of Sarasota	Provide the maintenance schedule for storm water structures (i.e., catch basins) and roadside ditches. Provide in first Annual Report.	Completed in previous years	Yes	Catch basins are cleaned as requested. Grates are cleaned during and after storm events. Ditches are cleaned as requested. Weirs are cleaned and maintained on a schedule, and as needed.	
	Sarasota County & City of Sarasota	Perform scheduled maintenance on catch basins, grates, and other storm water structures and roadside ditches and properly dispose of accumulated sediments. Maintain an internal log documenting maintenance activities. Effective date of permit (1-1-95).	Maintain storm water systems	Yes	The maintenance schedule has been followed. Appropriate disposal has continued. Refer to Appendix A.	

PROGRAM ELEMENT	PERMITTEE	REQUIREMENT	ACTIVITY SCHEDULE			COMMENTS
			Activities Required by SWMP	Complied With	Activities Accomplished During Calendar Year	
3. Operation and Maintenance of Public Streets, Roads, and Highways (continued)	Sarasota County	As described in Part II.C.A. on page 7 of the permit, develop practices to reduce polluted discharges to the MS4 from road repair and all municipal equipment yards and maintenance shops that support road maintenance activities. After development, include a summary of the practices in the subsequent Annual Report for incorporation into the permit. Within 12 months of the effective date of the permit (1-1-96).	Completed in previous years	Yes	The BMP practices reported in the Annual Report for year one continued during 1999.	
	City of Sarasota	As described in Part II.C.A. on page 7 of the permit, develop practices to reduce polluted discharges to the MS4 from road repair and all municipal equipment yards and maintenance shops that support road maintenance activities. After development, include a summary of the practices in the subsequent Annual Report for incorporation into the permit. Within 12 months of the effective date of the permit (1-1-96).	Completed in previous years	Yes	The Transportation Department continued following the manual of BMP practices reported in the Annual Report for year one.	
	Sarasota County	Implement developed practices to reduce to the MFP pollutants from road repair and municipal yards. Within 24 months of permit (1-1-97).	Implement BMP's	Yes	The BMP's reported in the Annual Report for year one continued to be implemented in 1999.	
	City of Sarasota	Implement developed practices to reduce to the MFP pollutants from road repair and municipal yards. Within 24 months of permit (1-1-97).	Implement BMP's	Yes	The BMP's reported in the Annual Report for year one continued to be implemented in 1999.	

PROGRAM ELEMENT	PERMITTEE	REQUIREMENT	ACTIVITY SCHEDULE			COMMENTS
			Activities Required by SWMP	Complied With	Activities Accomplished During Calendar Year	
4. Ensure Flood Control Projects Comply with State Storm Water Quality Requirements	Sarasota County & City of Sarasota	Develop a priority list and construction schedule for the retrofit projects recommended by the basin master studies completed to date. Within 12 months of permit (1-1-96).	Completed in previous years.	Yes	Capital improvement projects continued. In 1999, 3 were completed, 2 were started, and 16 were in design.	
	Sarasota County & City of Sarasota	Include a copy of the prioritized list and construction schedule in the Annual Report for incorporation into the permit. Provide updates to this list in future annual reports as additional master basin studies are completed. Within 12 months of permit (1-1-96).	Update list in Annual Report.	Yes	Two basin master plans were completed in 1999, including Angel Creek and Fox Creek. Refer to Appendix B for updated schedules.	

PROGRAM ELEMENT	PERMITTEE	REQUIREMENT	ACTIVITY SCHEDULE			COMMENTS
			Activities Required by SWMP	Complied With	Activities Accomplished During Calendar Year	
5. Identification, Monitoring, and Control of Discharges from Municipal Waste Treatment Storage or Disposal Facilities Not Covered by a NPDES Storm Water Permit.	Sarasota County & City of Sarasota	Develop a program to evaluate, through inspections and monitoring, the municipally operated solid waste transfer stations, maintenance and storage yards for waste transportation fleets, POTWs and sludge application and/or disposal sites. The goals of the evaluation program shall be to identify these facilities, determine the necessary control measures and procedures to be employed at each, and administer an appropriate implementation schedule. After developing the evaluation program, submit a program summary in the subsequent Annual Report for incorporation into the permit. Within 30 months of the effective date of the permit (7-1-97).	Completed in previous years.	Yes	Inspection and monitoring of solid waste and POTW facilities continued. The program summary was included in the Annual Report for year three.	All sites were regulated by EPA, FDEP, and/or the County.
	Sarasota County & City of Sarasota	Implement developed program to reduce pollutants in storm water discharges to the MBP and shall not cause or contribute to violations of State water quality standards of the receiving stream from these facilities. Within 36 months of permit (1-1-98).	Inspected.	Yes	Inspection and monitoring of solid waste and POTW facilities continued. Pollution Control inspects POTW and solid waste facilities. Hazardous Waste embarked on expanded inspections of many County facilities in 1999.	

PROGRAM ELEMENT	PERMITTEE	REQUIREMENT	ACTIVITY SCHEDULE			COMMENTS
			Activities Required by SWMP	Complied With	Activities Accomplished During Calendar Year	
b. Control of Pollutants Related to Application of Pesticides, Herbicides, and Fertilizers	Sarasota County & City of Sarasota	Provide the details for the incorporation into the permit of the specific public education programs designed to encourage the public to reduce their use of pesticides, herbicides and fertilizers. Provide in the first Annual Report.	Completed in previous years.	Yes	Details were reported in the Annual Report for year one.	Florida Yards and Neighborhoods County Integrated Pest Management
	Sarasota County & City of Sarasota	Implement the public education programs. Effective date of permit (1-1-95).	Educate	Yes	The Florida House continued to encourage reductions in use of pesticides, herbicides, and fertilizers in 1999.	
	Sarasota County & City of Sarasota	Evaluate current training requirements and certification procedures for employees who handle pesticides, herbicides and fertilizer. After completing the evaluation, include a summary of the results in the subsequent Annual Report for incorporation into the permit. Within 24 months of the effective date of the permit (1-1-97).	Completed in previous years.	Yes	Applicators are either certified or directly supervised by a certified person. Certification is maintained through training courses, with CEUs.	
	Sarasota County & City of Sarasota	Implement any revised procedures for the training and certification of these employees. As necessary. Within 36 months of the effective date of the permit (1-1-98).	Continue program from previous years.	Yes	Applicators are either certified or directly supervised by a certified person. Certification is maintained through training courses, with CEUs.	
	Sarasota County & City of Sarasota	Require evidence of proper certification and licensing for all applicators contracted to apply pesticides, herbicides and fertilizers on municipal property. Effective date of the permit (1-1-95).	Continue program from previous years.	Yes	Applicators are either certified or directly supervised by a certified person. Certification is maintained through training courses, with CEUs.	
	Sarasota County & City of Sarasota	Develop a program with procedures to minimize the use of pesticides, herbicides, and fertilizers and to properly store and mix these products. The program developed should also consider planning assistance and promoting voluntary use of native Florida plantings and slow release fertilizers. After development, include a summary of the procedures in the subsequent Annual Report for incorporation into the permit. Within 24 months of the effective date of the permit (1-1-97).	Completed in previous years.	Yes	The administrative directive reported in the Annual Report for year one continued to be in place.	
	Sarasota County & City of Sarasota	Employ the program procedures to minimize the use of pesticides, herbicides, and fertilizers and to properly store and mix these products. Within 36 months of the effective date of the permit (1-1-98).	Continue program from previous years.	Yes	The IPM Program addressed these issues. Biological and mechanical pest control minimized the use of pesticides.	

PROGRAM ELEMENT	PERMITTEE	REQUIREMENT	ACTIVITY SCHEDULE			COMMENTS
			Activities Required by SWMP	Complied With	Activities Accomplished During Calendar Year	
7a. Illicit Discharges and Improper Disposal Inspections, ordinances, and enforcement measures	Sarasota County & City of Sarasota	Complete the assessment of non-storm water discharges allowed to be discharged to the MS4 as detailed on page 9 of the permit. After completing the assessment, include a summary of the results in the subsequent Annual Report for incorporation into the permit. Within 18 months of the effective date of the permit (7-1-96).	Completed in previous years.	Yes	The list of 20 non-storm water discharges remained unchanged from the list in the Annual Report for year three.	
	Sarasota County & City of Sarasota	Develop an inspection program to enforce ordinances, which prohibit illicit connections and illegal dumping into the MS4. After development, include a summary of the inspection program in the subsequent Annual Report for incorporation into the permit. Within 30 months of the effective date of the permit (7-1-97).	Continue program from previous years.	Yes	The inspection and enforcement program continued in 1999.	
	Sarasota County & City of Sarasota	Implement an inspection program to enforce ordinances, which prohibit illicit connections and illegal dumping into the MS4. Maintain an internal log documenting inspections and enforcement actions performed and provide a summary of these reports in each Annual Report. Within 36 months of the effective date of the permit (1-1-98).	Inspect and keep records.	Yes	Inspection, enforcement, and internal log record keeping was continued in 1999.	In 1999, Pollution Control investigated and resolved 491 incidents, many involving illicit discharges to the MS4. Refer to Appendix C for investigation logs.
	Sarasota County	Provide photocopies of signed adopted storm water ordinances as identified in Table II.A.7.a.(3) on page 10 of the permit. Provide in first Annual Report.	Completed in previous years.	Yes	The storm water regulatory language from Ordinance No. 93-018 is currently part of Ordinance No. 96-020, as amended.	
	City of Sarasota	Amend ordinances as identified in Table II.A.7.a.(4) on page 11 of the permit to reflect correct citation for "industrial activity" (40CFR 122.26(b)(14)). Include a copy of the amended ordinances in the subsequent Annual Report for incorporation into the permit. Within 12 months of the effective date of the permit (1-1-96).	Completed in previous years.	Yes	The City gave the County authority, via Resolution No. 93-685, to enforce County Ordinance No. 93-018 within the City's jurisdictional boundaries. The contents of County Ordinance No. 93-018 were included in County Ordinance No. 96-020, as amended.	

PROGRAM ELEMENT	PERMITTEE	REQUIREMENT	ACTIVITY SCHEDULE			COMMENTS
			Activities Required by SWMP	Complied With	Activities Accomplished During Calendar Year	
7b. Illicit Discharges and Improper Disposal Field Screening	Sarasota County & City of Sarasota	Conduct field screening of the MS4 for illicit discharges and improper disposal as shown in Table II A.7 b on page 12 of this permit. Collect inventory information on outfalls, and on portions of the MS4 not mapped and update a database on an ongoing basis. Maintain an internal log documenting the results of all field screening performed. At least 1/3 of Grid Areas Screened in Permit Years Three, Four and Five with Entire MS4 screened once every five years.	1/3 of grid areas screened in permit year four	Yes	42 outfalls in the City of Sarasota, and 57 outfalls in unincorporated Sarasota County were screened in 1999. The internal log was updated. During 1999, the remaining portions of the MS4 were screened, the entire MS4 was screened during the permit term.	Field inspections included photos and sampling as needed. Refer to Appendix D for a tabulation of inspections. Very few illicit discharges were discovered by implementing this permit element.

PROGRAM ELEMENT	PERMITTEE	REQUIREMENT	ACTIVITY SCHEDULE			COMMENTS
			Activities Required by SWMP	Complied With	Activities Accomplished During Calendar Year	
7c. Illicit Discharges and Improper Disposal Investigation of Suspected Illicit and/or Improper Disposal	Sarasota County & City of Sarasota	Develop standard investigative procedures to identify and terminate the sources of illicit connections or discharges to the MS4. After development, include a summary of the investigative procedures in the subsequent Annual Report for incorporation into the permit. Within 24 months of the effective date of the permit (1-1-97).	Completed in previous years	Yes	Standard investigative procedures were included in the Annual Report for year four (1998).	
	Sarasota County & City of Sarasota	Implement standard investigative procedures to identify and terminate the sources of illicit connections or discharges to the MS4. Within 30 months of the effective date of the permit (7-1-97).	Continue program from previous years	Yes	Standard investigative procedures continued to be used in 1999 for complaint investigation, high-risk facility inspections, and outfall field screening.	

PROGRAM ELEMENT	PERMITTEE	REQUIREMENT	ACTIVITY SCHEDULE			COMMENTS
			Activities Required by SWMP	Complied With	Activities Accomplished During Calendar Year	
7d. Direct Discharges and Improper Disposal Spill Prevention and Response	Sarasota County	Provide a copy of the applicable portions of Sarasota County's Hazardous Materials Emergency Plan which effectively mitigate potential pollutant discharges to surface waters. Provide in first Annual Report.	Completed in previous years.	Yes	A copy of the plan was included in the Annual Report for year one. Refer to Appendix M for an updated plan.	
	City of Sarasota	Adopt Sarasota County's Hazardous Materials Emergency Plan, FDOT's Emergency Operations Procedures, or a comparable plan and procedures which effectively mitigate potential pollutant discharges to surface waters. Within 12 months of the effective date of the permit (11-1-96).	Completed in previous years.	Yes	As reported in the Annual Report for year one, the City and County Fire Departments merged. Therefore, Sarasota County's Hazardous Materials Emergency Plan applies within the City.	

PROGRAM ELEMENT	PERMITTEE	REQUIREMENT	ACTIVITY SCHEDULE			COMMENTS
			Activities Required by SWMP	Complied With	Activities Accomplished During Calendar Year	
2c. Illicit Discharges and Improper Disposal - Public Notification	Sarasota County & City of Sarasota	Develop a program to promote, publicize, and facilitate public reporting of the presence of illicit discharges and improper disposal of materials to the MS4. After development, include a summary of the public programs in the subsequent Annual Report for incorporation into the permit. Within 30 months of the effective date of the permit (7-1-97).	Completed in previous years.	Yes	The program was continued during 1999.	
	Sarasota County & City of Sarasota	Implement public reporting program. Within 16 months of the effective date of the permit (1-1-98).	Publicize illicit reporting	Yes	Pollution Control continued to distribute promotional materials with the 24-hour on-call phone number displayed. Presentations to schools and organizations continued.	
	Sarasota County & City of Sarasota	Maintain a citizen complaint log documenting all reports of illicit discharges and what actions were taken to investigate and resolve the problem. Include a summary of this log in each Annual Report. Within 16 months of the effective date of the permit (1-1-98).	Inspect and keep records.	Yes	In 1999 Pollution Control investigated and resolved 39 incidents, many involving discharges to the MS4. Hazardous Waste completed 58 such investigations. The summary of the logs is in Appendix C.	Pollution Control investigations resulted in 25 enforcement actions. Hazardous Waste investigations resulted in 5 enforcement actions.

PROGRAM ELEMENT	PERMITTEE	REQUIREMENT	ACTIVITY SCHEDULE			COMMENTS
			Activities Required by SWMP	Complied With	Activities Accomplished During Calendar Year	
7c. Illicit Discharges and Improper Disposal - Oils, Toxics and Household Hazardous Waste Control	Sarasota County & City of Sarasota	Support and promote on a regular basis the six oil recycling site locations within Sarasota County and the two permanent collection centers for household hazardous waste materials. Continue Amnesty Days program. Document the total amount of household hazardous waste materials collected. Effective date of permit 11-1-95.	Collect wastes and keep records.	Yes	Six used oil recycling stations were open through most of 1999. In October, a Countywide airbide used oil collection program was initiated, and all but two of the six used oil recycling stations were closed. CFSQG collections were conducted one day per month. Two permanent household hazardous materials collection centers were open 2-3 days per week, including weekends. Household Chemical Collections (Amnesty Days) were conducted six days per year.	In 1999, 24,495 gallons of used oil were collected and recycled, 362,711 pounds of household and CFSQG hazardous waste were collected.
	Sarasota County & City of Sarasota	Actively promote and support a voluntary stenciling program for all storm sewer outlets that discharge directly or indirectly into surface waters. Within 12 months of the effective date of the permit (7-1-96).	Stencil drains.	Yes	More than 900 storm drains were placarded with the message Dumping Here Pollutes Our Bay.	Placards replaced stenciling because the placards were found to be more durable and easier to install.

PROGRAM ELEMENT	PERMITTEE	REQUIREMENT	ACTIVITY SCHEDULE			COMMENTS
			Activities Required by SWMP	Complied With	Activities Accomplished During Calendar Year	
Type III(c) Discharges and Improper Disposal Limitation of Sanitary Sewer Seepage	Sarasota County	Develop procedures to limit the infiltration of sanitary sewer seepage into the MS4, in areas where wastewater infiltration is suspected. After development, include a summary of the procedures in the subsequent Annual Report for incorporation into the permit. Within 10 months of the effective date of the permit (7-1-97).	Completed in previous years.	Yes	Flushing of pipes, lift station telemetry, video of pipes, improved lift station maintenance, and SSES.	
	City of Sarasota	Develop procedures to limit the infiltration of sanitary sewer seepage into the MS4, in areas where wastewater infiltration is suspected. After development, include a summary of the procedures in the subsequent Annual Report for incorporation into the permit. Within 10 months of the effective date of the permit (7-1-97).	Completed in previous years.	Yes	Annual maintenance and capital upgrades. Infiltration and inflow control projects. Cleaning and televising (SSES) of collection system. Pilot project replacing leaking privately owned collection systems. Spill response procedures approved by Pollution Control.	
	Sarasota County	Implement developed procedures to limit the infiltration of sanitary sewer seepage into the MS4. Within 10 months of the effective date of the permit (7-1-98).	Continue program from previous years.	Yes	Procedures continued to be implemented in 1999.	
	City of Sarasota	Implement developed procedures to limit the infiltration of sanitary sewer seepage into the MS4. Within 10 months of the effective date of the permit (7-1-98).	Continue program from previous years.	Yes	Procedures continued to be implemented in 1999.	
	Sarasota County & City of Sarasota	Advise appropriate utility owner of violation if constituents common to wastewater contamination are discovered in the MS4 during dry-weather field screening. Effective date of permit (1-1-95).	Continue program from previous years.	Yes	Pollution Control advised appropriate utilities of all reported discharges to the MS4.	No sanitary sewer seepage was found during dry-weather field screening.
	Sarasota County & City of Sarasota	Identify areas served by septic tanks. Advise appropriate State Agency of violation if constituents common to wastewater contamination due to malfunctioning septic systems are discovered in the MS4 during dry-weather field screening. Within 12 months of the effective date of the permit (1-1-96).	Continue program from previous years.	Yes	Pollution Control notified the Health Dept. of every reported septic system incident. No septic system seepage was found during dry-weather field screening.	Areas served by septic systems were identified in the Preliminary Report on County Water and Sewer Service in Sarasota County by Post, Huckleby, Schind, & Jernigan (1994).

PROGRAM ELEMENT	PERMITTEE	REQUIREMENT	ACTIVITY SCHEDULE			COMMENTS
			Activities Required by SWMP	Complied With	Activities Accomplished During Calendar Year	
84. Industrial and High Risk Remed. Identification of Priorities and Procedures for Inspections.	Sarasota County & City of Sarasota	Develop an inventory of all existing high-risk facilities discharging into the MS4. This inventory shall identify the runoff and surface waterbody into which each high-risk facility drains. Within 24 months of the effective date of the permit (1-1-97).	Completed in previous years.	Yes	Pollution Control tracks permits issued by FDEP and EPA, as well as facilities found during inspections that are subject to Multi-Sector Permits.	
	Sarasota County & City of Sarasota	Based on historical information and available monitoring and screening data, prioritize the identified high-risk facilities. Within 24 months of the effective date of the permit (1-1-97).	Completed in previous years.	Yes	Pollution Control inspectors prioritize their inspection activities based on local knowledge, cooperation with FDEP, and awareness of FDEP and EPA permits.	
	Sarasota County & City of Sarasota	Develop procedures for inspecting high-risk facilities and establish an inspection schedule. After development, include a summary of the procedures and inspection schedule in the subsequent Annual Report for incorporation into the permit. Within 24 months of the effective date of the permit (1-1-97).	Completed in previous years.	Yes	The inspection forms were included in the Annual Report for year three. Standard investigative procedures and permitting manual were included in the Annual Report for year four.	
	Sarasota County & City of Sarasota	Begin inspections of identified high-risk facilities. Maintain an internal log documenting the results of the inspections performed. Within 36 months of the effective date of the permit (1-1-98).	Inspect and keep records.	Yes	Pollution Control inspected 12 high-risk facilities in the City of Sarasota and 56 in unincorporated Sarasota County. The internal log was updated.	
	Sarasota County & City of Sarasota	Maintain a list of all industrial storm water sources discharging to the MS4 and update in Annual Reports. Effective date of permit (1-1-95).	Continue program from previous years.	Yes	The lists were updated.	EPA and FDEP issue regulatory permits to some industrial sources. Facilities inspected by Pollution Control were evaluated for applicability of EPA Multi-Sector Permits.

PROGRAM ELEMENT	PERMITTEE	REQUIREMENT	ACTIVITY SCHEDULE			COMMENTS
			Activities Required by SWMP	Complied With	Activities Accomplished During Calendar Year	
88. Industrial and High Risk Runoff Monitoring for High Risk Industries	Sarasota County & City of Sarasota	Develop a monitoring (or self-monitoring) program for high-risk industrial facilities. Include a description of the specific enforcement steps to be taken to require compliance with local storm water ordinances if violations are identified. After development, include a summary of the monitoring program in the subsequent Annual Report for incorporation into the permit. Within 24 months of the effective date of the permit (1-1-97).	Completed in previous years	Yes	Pollution Control evaluates high-risk facilities subject to multi-sector permits, and provides information to subject businesses. Monitoring may be a part of the EPA Multi-Sector Permit. FDEP may also require monitoring for Industrial Waste permitted facilities.	
	Sarasota County & City of Sarasota	Implement the monitoring program for high-risk industrial facilities. Within 16 months of the effective date of the permit (1-1-98).	Monitor	Yes	Facilities with EPA or FDEP permits conducted monitoring as required by permit conditions.	

PROGRAM ELEMENT	PERMITTEE	REQUIREMENT	ACTIVITY SCHEDULE			COMMENTS
			Activities Required by SWMP	Complied With	Activities Accomplished During Calendar Year	
9a. Construction Site Runoff Site Planning & Structural and Non-Structural Controls	Sarasota County	Review erosion and sediment control requirements to determine modifications necessary to correlate with SWFWMD's requirements and EPA's NPDES Construction Activity General Permit. Summarize the necessary modifications in the subsequent Annual Report for incorporation into the permit. Within 12 months of the effective date of the permit (1-1-96).	Completed in previous years	Yes	Requirements and modifications were reported in previous Annual Reports.	
	City of Sarasota	Review erosion and sediment control requirements to determine modifications necessary to correlate with SWFWMD's requirements and EPA's NPDES Construction Activity General Permit. Summarize the necessary modifications in the subsequent Annual Report for incorporation into the permit. Within 12 months of the effective date of the permit (1-1-96).	Completed in previous years	Yes	Requirements and modifications were reported in previous Annual Reports.	
	Sarasota County	Incorporate the necessary modifications to the erosion and sediment control requirements. Within 36 months of the effective date of the permit (1-1-98).	Completed in previous years	Yes	1.DRs are regularly updated and include erosion considerations.	
	City of Sarasota	Incorporate the necessary modifications to the erosion and sediment control requirements. Within 36 months of the effective date of the permit (1-1-98).	Completed in previous years	Yes	Erosion situation permits adequately address control requirements.	
	Sarasota County	In land development regulations, incorporate guidelines and recommendations for reducing the amount of sediment leaving construction sites. Within 36 months of the effective date of the permit (1-1-98).	Completed in previous years	Yes	1.DRs are regularly updated and include erosion considerations.	
	City of Sarasota	In land development regulations, incorporate guidelines and recommendations for reducing the amount of sediment leaving construction sites. Within 36 months of the effective date of the permit (1-1-98).	Completed in previous years	Yes	City Code, Chapter 29-5 Site Improvements - Engineering Design Criteria, subsection 29-5-8, addresses erosion and siltation control.	
	Sarasota County	Track construction projects required to install erosion and sediment controls. Document the installation, maintenance, and effectiveness of the controls. Integrate these records with the education program for training site contractors. Within 18 months of the effective date of the permit (7-1-96).	Inspect and keep records.	Yes	Land Development Services and Pollution Control included BMP's in reviews of construction documents. Resource Permitting required BMP's at sites. Land Development Services, Transportation and Natural Resources inspected.	

PROGRAM ELEMENT	PERMITTEE	REQUIREMENT	ACTIVITY SCHEDULE			COMMENTS
			Activities Required by SWMP	Complied With	Activities Accomplished During Calendar Year	
9a. Construction Site Runoff Site Planning & Structural and Non-Structural Controls (continuing)	City of Sarasota	Track construction projects required to install erosion and sediment controls. Document the installation, maintenance, and effectiveness of the controls. Integrate these records with the education program for training site contractors. Within 18 months of the effective date of the permit (7-1-96)	Inspect and keep records	Yes	As reported in the Annual Reports for years two and three, inspectors with the City Engineer's Office routinely check for compliance with BMPs and require improvements as necessary.	

PROGRAM ELEMENT	PERMITTEE	REQUIREMENT	ACTIVITY SCHEDULE			COMMENTS
			Activities Required by SWMP	Complied With	Activities Accomplished During Calendar Year	
9b. Construction Site Runoff Inspection and Enforcement	Sarasota County	Review existing inspection policies and code enforcement programs to first identify all agencies conducting site inspections and then to determine which agency is responsible for issuing enforcement actions for which code violations. Summarize the results and include in the subsequent Annual Report for incorporation into the permit. Within 24 months of the effective date of the permit (1-1-97).	Completed in previous years.	Yes	The summary was included in the Annual Report for year three.	
	City of Sarasota	Review existing inspection policies and code enforcement programs to first identify all agencies conducting site inspections and then to determine which agency is responsible for issuing enforcement actions for which code violations. Summarize the results and include in the subsequent Annual Report for incorporation into the permit. Within 24 months of the effective date of the permit (1-1-97).	Completed in previous years.	Yes	The City Engineer's office inspects and requires compliance with erosion control measures.	
	Sarasota County	Train inspectors (regardless of specialty) who are likely to be on-site during earth moving activities in erosion control techniques. One inspector per year.	Train one inspector per year.	Yes	12 County employees were FW&PCA trained. Pollution Control trained one inspector in 1999.	FDEP Sediment and Erosion Control Training was included in Suncoast Public Works Academy curriculum, which is taught by trained municipal employees.
	City of Sarasota	Train inspectors (regardless of specialty) who are likely to be on-site during earth moving activities in erosion control techniques. One inspector per year.	Train one inspector per year.	Yes	The City inspector was FW&PCA trained in 1995.	FDEP Sediment and Erosion Control Training was included in Suncoast Public Works Academy curriculum, which is taught by trained municipal employees.
	Sarasota County	Implement the use of an erosion and sediment control checklist for all inspectors. Include verification that construction sites subject to the NPDES Storm Water Regulations have NPDES permit on site and a Storm Water Pollution Prevention Plan on site. Include the checklist in the subsequent Annual Report for incorporation into the permit. Within 24 months of the effective date of the permit (1-1-97).	Completed in previous years.	Yes and No	This specific checklist was not used for most of 1999; reorganization of County Departments confused this issue. A checklist was back in use in early 2000. BMPs were always required by Land Development Services and Pollution Control throughout 1999. LDES inspectors worked with developers to maintain BMPs.	

PROGRAM ELEMENT	PERMITTEE	REQUIREMENT	ACTIVITY SCHEDULE			COMMENTS
			Activities Required by SWAMP	Complied With	Activities Accomplished During Calendar Year	
9b. Construction Site Run-off Inspection and Enforcement (continued)	City of Sarasota	Implement the use of an erosion and sediment control checklist for all inspectors. Include verification that construction sites subject to the NPDES Storm Water Regulations have NPDES permit coverage and a Storm Water Pollution Prevention Plan on site. Include the checklist in the subsequent Annual Report for incorporation into the permit. Within 24 months of the effective date of the permit (1-1-97).	Completed in previous years.	Yes	Erosion/sediment permits function as checklists and were included with documents submitted during the permit application.	
	Sarasota County	Develop a program to inspect construction projects for compliance with local storm water ordinances and/or local permits. Within 24 months of the effective date of the permit (1-1-97).	Completed in previous years.	Yes	The program was developed in previous years.	
	City of Sarasota	Develop a program to inspect construction projects for compliance with local storm water ordinances and/or local permits. Within 24 months of the effective date of the permit (1-1-97).	Completed in previous years.	Yes	City Engineering inspectors check for water quality violations during inspections for compliance with City Codes.	
	Sarasota County	Implement program developed to inspect construction projects for compliance with local storm water ordinances and/or local permits. Within 36 months of the effective date of the permit (1-1-98).	Inspect	Yes	Pollution Control investigated referrals from other agencies about violations of the Pollution Control Code and 62-302, FAC Surface Water Quality Standards.	
	City of Sarasota	Implement program developed to inspect construction projects for compliance with local storm water ordinances and/or local permits. Within 36 months of the effective date of the permit (1-1-98).	Inspect	Yes	City inspectors require corrections or refer water quality violations to Pollution Control, FDEP, or SWFWMD.	

PROGRAM ELEMENT	PERMITTEE	REQUIREMENT	ACTIVITY SCHEDULE			COMMENTS
			Activities Required by SWMP	Complied With	Activities Accomplished During Calendar Year	
NPDES Construction Site Runoff Site Operator Training	Sarasota County & City of Sarasota	Implement an annual NPDES workshop for design professionals, land developers, inspectors, and contractors including earth-moving contractors. Topics to include are measures to reduce pollutants from sites, awareness of the NPDES program requirements for construction activities, and solutions to erosion and sediment problems found by inspectors during construction. Within 24 months of the effective date of the permit (1-1-97).	Educate	No	The Suncoast Public Works Academy has scheduled two training events for 2000.	
	Sarasota County & City of Sarasota	Evaluate the feasibility of an erosion and sediment control certification program for construction site operators (contractors and developers), plan reviewers, and inspectors that work on sites that discharge to the MS4. Upon conclusion of the evaluation, include a summary of the findings in the subsequent Annual Report for incorporation into the permit. Within 30 months of the effective date of the permit (1-1-98).	Completed in previous years	Yes	The FDEP already had a similar program. There is no need for a local certification program.	
	Sarasota County & City of Sarasota	If the certification program is deemed feasible, implement program for construction site operators, plan reviewers, and inspectors. Within 36 months of the effective date of the permit (7-1-98).	Completed in previous years	Yes	Training is useful, and available, but certification is unnecessary.	
	Sarasota County	Develop a procedure to notify building permit applicants or developers which, because of the amount of land area disturbed, are subject to the NPDES storm water regulations of their application responsibilities under the NPDES permitting program for construction site runoff. After development, include a summary of the procedures in the subsequent Annual Report for incorporation into the permit. Within 24 months of the effective date of the permit (1-1-97).	Completed in previous years	Yes	Builders were notified about necessary NPDES permits for sites over five acres during the plans review phase.	Sarasota County will modify the language on plan review forms to reflect NPDES Phase II regulations when the new rules are implemented.
	City of Sarasota	Develop a procedure to notify building permit applicants in developments which, because of the amount of land area disturbed, are subject to the NPDES storm water regulations of their application responsibilities under the NPDES permitting program for construction site runoff. After development, include a summary of the procedures in the subsequent Annual Report for incorporation into the permit. Within 24 months of the effective date of the permit (1-1-97).	Completed in previous years	Yes	Builders were notified about necessary NPDES permits for sites over five acres during the plans review phase.	

PROGRAM ELEMENT	PERMITTEE	REQUIREMENT	ACTIVITY SCHEDULE			COMMENTS
			Activities Required by SWMP	Complied With	Activities Accomplished During Calendar Year	
92: Construction Site Run-off, Site Operator Training (continued)	Sarasota County	Implement developed procedures to notify building permit applicants in developments which, because of amount of land area disturbed, are subject to the NPDES storm water regulations of their application responsibilities under the NPDES permitting program for construction site runoff. Within 30 months of the effective date of the permit (7-1-97)	Notify builders	Yes	Builders were notified about necessary NPDES permits for sites over five acres during the plans review phase	Standard language on forms.
	City of Sarasota	Implement developed procedures to notify building permit applicants in developments which, because of amount of land area disturbed, are subject to the NPDES storm water regulations of their application responsibilities under the NPDES permitting program for construction site runoff. Within 30 months of the effective date of the permit (7-1-97)	Notify builders	Yes	Builders were notified about necessary NPDES permits for sites over five acres during the plans review phase	
	Sarasota County & City of Sarasota	Conduct presentations to local professional organizations, which are associated with the construction industry to discuss proper construction site management for water quality. Ongoing.	Educate.	Yes	County and City Employees were very involved with the Florida Association of Storm Water Utilities and the Florida Storm Water Programs Association.	

Narrative Reports for SWMP Activities

Section 4.1 - Maintenance of Structural Controls

Ponds and Lakes - All City, County, and State ponds continued to be mowed, treated, and to have litter removed monthly. All underdrains were maintained annually. Fence repair and other maintenance were completed as required. Debris was properly disposed of at a lined landfill. Maintenance activities increased through additional contracts for mowing, ditch cleaning, and pond maintenance. Inspectors continued to check the side slopes, inlets, and outlets for damage or sediment buildup. A certified contractor applied all herbicides and a trained inspector reviewed the work.

Wet Retention Systems - Ninety-eight County wet retention systems were inspected monthly, totaling 1,176 inspections in 1999. Sixty-two County dry ponds were inspected and mowed monthly, totaling 744 inspections annually. The City of Sarasota had 32 wet retention areas inspected and maintained monthly, totaling 384 inspections annually. The City had three dry ponds inspected and maintained monthly, totaling 36 inspections annually.

Weirs and Flow Control Devices - Litter control and vegetation removal was done monthly on weirs and flow control devices. Annual structural inspections included checking major defects, erosion, sedimentation, bleed-down devices, and underdrains. Maintenance schedules were rearranged to address deficiencies identified in the inspector's reports.

Channels - Maintenance included debris removal, noxious vegetation removal, sediment removal, and restabilization of slopes. These tasks were accomplished both in-house and by

contractors. Sarasota County had 81 annual inspections of channel control structures in 1999. All County canals (185 miles) were inspected annually, but not all were maintained annually. The City of Sarasota had eight control structures inspected once each in 1999. All 37 miles of City canals were inspected or maintained by hand cleaning contractors or mowing contractors.

Street Sweeping - On a quarterly cycle, 530 miles of residential streets were swept, totaling 2,120 miles annually. Monthly, 84 miles of rural roads were swept, totaling 1,004 miles per year.

In the City of Sarasota, three trucks swept streets five days per week and moved about 2100 tons of waste from roadways to landfill. Approximately 225 miles of residential streets were swept monthly and 36 miles of commercial streets were swept weekly.

Private Storm Water Systems - The inventory of residential subdivisions and commercial parcels receiving Storm Water Assessment credits has been updated to account for new development. The credit is applied to developments that operate and maintain the private storm water management system serving a specific area. The Sarasota County Stormwater Ordinance (No. 94-066) and supporting Resolutions require inspections of these credited systems to assure appropriate application of the credits. During inspections, inspectors checked the condition of skimmers, outfall structures, sediment sumps, slope stabilization, underdrain/filtration systems, and other above ground features or otherwise visible features. As needed, existing conditions were compared to construction drawings or as-builts.

The Ordinance calls for owner notification if a private storm water system does not pass inspection. Notification includes a 90-day time frame to perform remedial action to bring the system into compliance. Failure to do so results in the revocation of the Storm Water Assessment credits. During 1999, 48 private systems were inspected under this program. It was not necessary to revoke the credits for any of these private systems.

Training - Erosion and sediment control training continued in Sarasota County during 1999. Per permit requirements, 18 County employees attended the Florida Water and Pollution Control Operators Association (FW&PCOA) training/certification course through the year. These employees earned storm water certification to either A, B, or C levels.

In addition to the training specified in the permit, Public Works staff members received training from County personnel holding FW&PCOA certifications. In addition, one employee, who has completed the "Train the Trainer" program for the FDEP Erosion and Sediment Control Inspectors Certification course provided additional training. This in-house training dealt with the proper installation, inspection, and maintenance of the standard Best Management Practices (BMPs). The City also has an employee certified as an instructor in the FDEP "Train the Trainer" program.

County employees attended the 1999 Florida Association of Storm Water Utilities annual conference. Representatives from the County and City routinely attended the Florida Storm Water Programs Association meetings.

A technical advisor was contracted in 1999 to increase the coordination between the County and the Southwest Florida Water Management District (SWFWMD) and to eliminate duplication of efforts. Additional inspections may be considered in the future to improve compliance with maintenance needs.

Narrative Reports for SWMP Activities

Section 4.2 - Development Planning Procedures

Basin Master Planning - Sarasota County continued the Basin Master Planning program, approving new studies and updating previously completed studies. The newly approved studies, covering Fox Creek and Ainger Creek, were adopted by the Board of County Commissioners during 1999. Several other basin studies were updated to include a significant amount of detailed information. The City of Sarasota continued to participate in the Basin Master Planning process.

The current status of the Basin Master Planning program is shown in the following table:

Completed Studies	Updated Studies	Studies Underway	Future Studies
Ainger Creek	Phillippi Creek **	Whitaker Bayou **	Deer Prairie Slough
Alligator Creek	Matheny Creek	Business District	Myakka River
Big Slough	Forked Creek		Little Salt Creek
Clower Creek	North Creek *		Braden River
Elligraw Bayou	Woodmere Creek *		Shackett Creek
Fox Creek	Holiday Bayou *		
Gottfried Creek			
Hudson Bayou **			
Catfish Creek *			
Cowpen Slough *			

Completed Studies	Updated Studies	Studies Underway	Future Studies
Curry Creek *			
Hatchett Creek *			
South Creek *			

* Studies Complete; not yet adopted by Board of County Commissioners

** Basin located entirely or partially within the City of Sarasota

Narrative Reports for SWMP Activities

Section 4.3 - Roadway Maintenance

Best management practices were used on all road repairs, including silt fences, temporary and permanent vegetative cover, and turbidity screens.

Litter Control - Keep Sarasota Beautiful coordinated 9,480 volunteer hours in 1999 in many litter control programs, including Adopt-a-road, park, spot, shore, and pond. Bag it in Your Car Day distributed car litter bags at car washes and fast food restaurants. The Boaters and Anglers Pledge encouraged promises to keep waterways free of litter. The annual Florida Coastal Cleanup coordinated 6,656 donated work hours. Two community gardens changed littered areas into beautiful shared plots of flowers and vegetables. Control Your Butts collected over 100 pounds of cigarette butts. The Great American Cleanup coordinated 374 volunteers.

Municipal Maintenance Yards - County and City equipment yards and maintenance shops of all sizes continued to minimize the discharge of pollutants by employing good housekeeping and materials handling methods. Established procedures required immediate clean up of all spills. Some wastes were recycled, others had proper disposal. All recycling and disposal contractors were required to possess the necessary authorizations and certifications to transport and handle the specific materials involved.

The County Fleet Management, Transit, and Fire Departments operated facilities for the maintenance and repair of vehicles and equipment and for storage and distribution of supplies.

As reported in previous Annual Reports, proper procedures continued to be used for the acquisition, storage, and disposal of solid, liquid, and gaseous materials used at these facilities.

Narrative Reports for SWMP Activities

Section 4.4 - Flood Management

Several flood control projects were completed during 1999. Recommended by the Basin Master Plans, these projects addressed structure and street flooding level of service deficiencies. Although focused on flood control, the projects, by design, also have some water quality attributes as well. Bank stabilization, removal of sediments, and creation of lakes and ponds undoubtedly improved downstream water quality. It is anticipated that, upon completion of the flood control projects, focus will shift to water quality issues as the main objective.

A summary of 1999 flood control projects is contained in the following table:

Completed Projects	Projects Started	Projects in Design
Celery Fields, Phase II	Coral Lakes	Arlington Canal
Loma Linda	Sunnyside Lane	Breakwater Branch
Leon/Noble	Newtown Canal	Clark Road
Colonial Gables	Arlington Canal Bypass	Williamsburg Branch
Caribbean Drive		Gulf View Estates Outfall
		Euclid Avenue
		North Manasota Amended
		Manasota South
		Hyde Park
		Woodmere Canal

Narrative Reports for SWMP Activities

Section 4.5 - Municipal Facilities

Sarasota County Bee Ridge Landfill

The former Bee Ridge Landfill is still subject to NPDES Permit FLS0039306. The landfill began closure construction in 1999 and is scheduled to be completed in early 2000. The runoff from closed portions of the landfill drained to storm water retention basins. Interim control measures include temporary berms, silt fences, and hay bale dikes. Drainage structures were mowed, cleaned to grade, and maintained as needed. The FDEP also regulates this site.

Central County Solid Waste Disposal Complex (CCSWDC)

The CCSWDC was opened to full operation in November 1998 and was subject to the NPDES storm water discharge requirements for municipal landfills. FDEP also regulates the site.

Jackson Road Transfer Station (former Venice Landfill)

The landfill was closed in 1986 and was subject to a FDEP Long Term Care Permit that included storm water issues. The transfer station leachate control system was deactivated October 1998. FDEP also regulates the site.

Browning Ferris Industries (BFI) Transfer Station

The City of Sarasota continued to contract with BFI to operate a solid waste transfer facility. The facility was regulated by a NPDES multi-sector permit, the Southwest Florida Water Management District (SWFWMD), and a FDEP Solid Waste Transfer Station Operation Permit. Leachate was discharged to the sanitary sewer. Runoff was detained in a SWFWMD regulated storm water pond.

Publicly Operated Wastewater Treatment Works (POTWs)

Sarasota County Utilities owned and operated nine wastewater treatment facilities:

- Bee Ridge Water Reclamation Facility (WRF) - FLA013372
- Central County WRF - FLA013455
- Meadowood WRF - FLA013385
- Venice Gardens WRF - FLA043494
- Atlantic-Brentwood Wastewater Treatment Plant (WWTF) - FLA134333
- Plantation WRF - FLA013365
- Circlewoods WWTF - FLA013406
- Gulf View WWTF - FLA013465
- Proctor Road WWTF - FLA013447

All were designed, constructed, and operated according to FDEP regulations. The FDEP permits required the County to develop and implement procedures to reduce polluted discharges from POTWs, including overflows, and spills of materials stored on the facility sites. Appropriate clean up, disinfection, and sampling procedures were followed. All abnormal events were reported to FDEP and County Pollution Control, as required.

All wastewater treatment facilities were designed with considerations for flood protection. Facility service commitments were required to consider capacity analysis to ensure no hydraulic overloads. The facilities were typically inspected a minimum of twice a day for leaking pipes and malfunctioning equipment. Daily inspections were for pretreatment, biological nutrient

reduction, chlorination equipment, and effluent. A private contractor hauled and land applied stabilized residuals. The contract held the contractor responsible for any non-compliance issues.

Most of the treated effluent discharged from County-owned wastewater treatment facilities was reclaimed and used for irrigation of golf courses and residential areas. All plants that discharge are required to meet permit limitations for effluent quality. Quarterly ground water monitoring is required at most sites where reclaimed water is applied. The plant effluent is monitored once a year for all primary and secondary State Drinking Water Standards. In addition, all ground water monitor wells are tested during permit renewal for primary and secondary State Drinking Water Standards. Most golf courses have storage ponds that the facility discharges effluent into for later use as irrigation. These ponds are regulated by FDEP. When a reclaimed water storage pond is part of a storm water management system, the appropriate storm water permits are obtained from the SWFWMD.

Mineral acid tanks, fuel tanks, and hazardous substance tanks with a capacity greater than 550 gallons are regulated and inspected by the FDEP. Although State rules require a visual inspection of these tanks once a month, they are actually inspected daily.

The City of Sarasota Public Works Department continued to operate one domestic wastewater treatment facility (City of Sarasota-FL0040771), which was staffed 24 hours per day. Diesel, acid, and caustic tanks were all within secondary containment. Wastewater residuals were composted and reused. Effluent disposal was subject to a NPDES permit for direct discharge to

Whitaker Bayou, or to reuse irrigation. The Spill Response Plan approved by Pollution Control was still employed. The wastewater treatment facility site was operated according to a storm water pollution prevention plan. Four underground diesel tanks were upgraded at lift stations. Contamination issues are being handled in a legal and appropriate manner.

The City of Sarasota Public Works and Police Departments maintained three fleet maintenance facilities in 1998. Materials and wastes were stored in appropriate containers until they were either recycled or disposed of by a licensed waste hauler. Housekeeping practices improved at these facilities during 1999.

Sarasota County Mosquito Management Services

- Flammable gas and other flammable products are stored in locked, fire and leak proof cabinets;
- Used motor and other oils are collected and taken to the County's Fleet Management for proper recycling;
- Equipment parts cleaning is completed with formula SW-3 (OZZY Juice) in a closed-loop parts cleaning tank;
- Equipment and vehicle washing is completed at an approved facility (SCAT);
- Vehicle maintenance is completed by County Fleet Maintenance;
- Used six-volt gel-cell batteries for insect traps are turned over to a battery recycler;
- Dry cell batteries are turned over to County Hazardous Waste for recycling; and
- The County's HHW contractor removes pesticide, PPE, and consumer container wastes.

Narrative Reports for SWMP Activities

Section 4.6 - Pesticides, Herbicides, and Fertilizers

Cooperative Extension Service - Public education programs continue to address the reduction of landscape watering, the reduced use of pesticides, herbicides, and fertilizers, and the design of landscapes to minimize storm water runoff. The Sarasota County Cooperative Extension Service primarily sponsors and performs these programs. Sarasota Extension also provides advice on native plantings, xeriscaping, appropriate use of fertilizers (including slow-release), and Integrated Pest Management (emphasizing least-toxic approaches).

Most of these services are provided through the Florida Yards & Neighborhoods program, utilizing Environmental Landscape Management principles. The primary Sarasota Extension facility demonstrating and educating these principles is the Florida House Learning Center, which utilizes many innovative materials and methods to reduce energy, wastes, and environmental impact.

In 1999 Sarasota County Cooperative Extension Service conducted 126 tours and welcomed 12,800 visitors to the Florida House. Another 29,900 people received landscape assistance from Extension staff in other ways, primarily through contact with the Extension Helpdesk and the Helpmobile (or Satellite Service), and there were over 16,000 hits on the office website, which features resources conservation and Environmental Landscape Management information. There were 44 landscape and pesticide educational programs conducted. 114 citizens were enrolled into the Florida Yards & Neighborhoods program, and 12 achieved Certified Florida Yard status (bringing the total number of Certified Florida Yards to 98 in Sarasota County). There is an

active outreach program to the public school system to promote the responsible use of pesticides, herbicides, and fertilizers. Additionally, a pilot program is being conducted targeting builders, developers, and landscape architects to design and install new landscapes and communities using principles taught in the Florida Yards & Neighborhoods Program. All Sarasota Extension programs are offered and available to all County residents, including residents of the cities of Sarasota, Venice, North Port, and Longboat Key.

Sarasota County employees whose duties include the application of pesticides and herbicides are certified by the Florida Department of Agriculture and Consumer Services and are trained and tested by the Sarasota County Cooperative Extension Service.

The County Environmental Pest Management Advisory Board reviewed the Integrated Pest Management (IPM) programs of selected departments, including Parks and Recreation, Solid Waste, General Services, Fleet Maintenance, and Forestry. Employees of the School Board, the City of Sarasota, the City of North Port, and the City of Venice participated in the IPM working group.

Sarasota County Mosquito Management Services

- All pesticides are stored, applied, and disposed according to their individual registered labels;
- Storage of pesticides is confined to the pesticide building, a 40 by 60-foot building with concrete floors and a 120-gallon impervious sump;
- Personnel who store, handle, and apply pesticides are state certified and/or work under supervision of a state certified applicator.

- Application of pesticides is completed as specified on the pesticides label;
- No pesticide rinsates are accumulated; all pesticide rinsates are applied at treatment sites;
- Pesticide drums are removed by a registered recycling service and containers are disposed of according to their label instructions;
- Personnel are trained to handle and apply pesticides to eliminate chances of spills or accidents. However, if spills were to occur, personnel also have the training and skills to contain and clean-up spills. Any spilled pesticides/materials and clean-up materials are identified and packaged for pick-up by the County's registered HHW contractor;
- The Safety and Health Specialist or designee inspects the chemical storage building weekly,
- The Safety and Health Specialist or designee inventories pesticides monthly; and
- Fifteen staff members hold Florida Department of Agriculture and Consumer Services, Public Health, Pest Control certifications, that requires 16 hours of continuing education units during a four-year period.

The Safety and Health Specialist trains the staff in the following:

- Hazard Communication (Right to Know),
- Fire Prevention and Evacuations,
- Emergency Preparedness;
- Personal Protective Equipment;
- Respirator;
- Hazardous Waste Operations; and
- Hurricane Emergency

In 1999 Sarasota County Mosquito Management Services began construction of a vehicle washing station that will discharge vehicle wash water to the sanitary sewer.

County Transportation - All applicators are State certified and all contract applicators are required by contract to be certified. Ongoing training is conducted monthly.

Narrative Reports for SWMP Activities

Section 4.7 - Illicit Discharges - Inspection, Investigation and Enforcement

Pollution Control and the Hazardous Waste Program investigated hundreds of citizen complaints and agency referrals, and also initiated dozens of proactive facility inspections. A substantial number of these investigations involved illicit discharges to the MS4. State rule or County ordinance violations were primarily resolved by voluntary compliance, others involved code enforcement or referral to another regulatory agency.

Narrative Reports for SWMP Activities

Section 4.8 - Field Screening

Dry-weather field screening of major storm water outfalls was completed for all remaining outfalls included in the database. During 1999 no illicit discharges were found. No field measurements or laboratory analyses detected contaminants above State Water Quality Standards. Refer to Appendix D for lists of dry-weather field screening sites in the City and County.

Narrative Reports for SWMP Activities

Section 4.9 - Spill Response

The Sarasota County Hazardous Materials Plan described procedures to be followed in the event of a hazardous materials spill, as reported in the Annual Report for year one. An interlocal agreement between the City of Sarasota and Sarasota County consolidated the Fire Departments in 1996, so the plan is followed in both jurisdictions. The Fire Department Special Operations Team is the lead agency and responded to hundreds of calls in 1999. Hazardous Waste assisted in some instances.

Narrative Reports for SWMP Activities

Section 4.10 - Public Reporting of Illicit Discharges

Pollution Control continued the 24-hour on-call hotline to receive reports of pollution incidents and citizen complaints. A summary table of the 391 reports in 1999 is in Appendix C.

The public was educated about storm water rules and reporting of illicit discharges at several events in 1999, including:

- The Sarasota County Hazardous Waste Regulation Training
- Sarasota County Fair
- Earth Day
- 4 R's Teacher Training
- Sarasota County Government Expo

Other public education methods included:

- Each complaint investigation involved educating the persons involved.
- Refrigerator magnets and other promotional materials were created and distributed. Each item advertised the 24-hour service to receive reports of pollution events.
- The Natural Resources newsletter, that was distributed to the public, included several articles about investigations of illicit discharges and storm water issues.
- Presentations were made to environmental clubs and other interested groups regarding illicit discharges.

Narrative Reports for SWMP Activities

Section 4.11 - Oil and Household Hazardous Waste

The Hazardous Waste Program provided citizens with proper methods of disposal for household hazardous waste and used oil. Project Green Sweep provided an inexpensive method of disposal for hazardous wastes generated by businesses defined as Conditionally Exempt Small Quantity Generators (CESQGs). Hazardous Waste Program funding came from a Solid Waste tipping fee (landfill) surcharge of \$3.00 per ton for residential and municipal waste, and \$1.25 per ton for commercial waste.

Six used oil recycling stations were open to the public 24 hours a day, 7 days a week, through most of 1999. In October a Countywide curbside used oil collection program was initiated and all but two of the six used oil recycling stations were closed. CESQG collections were conducted one day per month.

In 1999, 24,495 gallons of used oil were collected and recycled; 362,711 pounds of household and CESQG hazardous waste were collected. Two permanent household hazardous materials collection centers were open 2-3 days per week, including weekends. Household Chemical Collections (Amnesty Days) were conducted six days per year.

In 1999 Sarasota County Hazardous Waste began inspecting renovation and demolition projects to ensure proper disposal of mercury-containing bulbs and thermostats.

Narrative Reports for SWMP Activities

Section 4.12 - Sanitary Sewer Seepage

The three most likely sources of sanitary sewage seepage were from sewer lines, manholes, and lift stations. All wastewater treatment facilities are regulated by local, State, and Federal rules and permits regarding all aspects of design and operation.

Sarasota County Utilities continued to make improvements to nine treatment facilities and associated collection systems, thereby reducing the severity of system failures and sewage overflows:

- All aspects of wastewater systems construction were inspected for compliance by the County;
- Lift stations were fenced to prevent vandalism that could cause station failures or overflows;
- A County vacuum truck flushed an average of 2000 lineal feet of gravity sewer lines daily;
- Utilities completed the first phase of a telemetry system (SCADA) that was installed on an additional 45 lift stations in 1999. The system dramatically reduced the response time to malfunctioning lift stations, reducing the volume discharged;
- An improved program of regular lift station maintenance was continued, including \$2,400,000 spent on lift station maintenance and rehabilitation;
- The Spill Response Standard Operations Procedure was continued;

- A video truck was used to view broken and misaligned pipes that could result in leakage to the MS4; and
- A Sanitary Sewer Evaluation Study (SSES) continued to assess the integrity of gravity sewer lines and manholes. Inflow and infiltration were reduced in the worst portions of the collection system first. Because of the SSES findings, \$800,000 was spent relining gravity sewer lines and rehabilitating manholes.

Seventy-four wastewater treatment facilities in Sarasota County reported 69 abnormal events involving discharges. All citizen reports of discharges from sanitary sewers were promptly reported to the appropriate utility. All reports of septic system discharges were promptly referred to the Sarasota County Health Department.

The City of Sarasota Public Works Department continued to improve one domestic wastewater treatment facility:

- Substantial maintenance and capital upgrades improved the system in 1999.
- Although grant funding was no longer available, an infiltration and inflow control project was continued;
- The cleaning and televising study of the collection system focused repairs (including slip lining) on the weakest components.
- A pilot project to reduce infiltration by replacing 500 privately owned portions of the collection system was continued. Phase One (\$227,000) will include video inspection and installation of a cleanout. Phase Two will replace the private sewers and will commence at the end of 2000;
- The Spill Response Plan approved by Pollution Control was still employed;

- Wastewater residuals were composted and reused as mulch; 1500 dry tons of sewage sludge were composted, rather than being land applied; and
- Effluent disposal was subject to a NPDES permit for direct discharge to Whitaker Bayou, or to reuse irrigation.

Narrative Reports for SWMP Activities

Section 4.13 - High Risk Industrial Facility Inspections

In 1999, 66 high-risk industrial facilities were inspected by Pollution Control; none were found to have prohibited discharges. Each facility was evaluated for the necessity of an EPA Multi-Sector NPDES Permit. Lists of inspected facilities in the City of Sarasota and in unincorporated Sarasota County are in Appendix E.

The County Hazardous Waste Management inspected 72 businesses during 1999 as part of the Small Quantity Generator (SQG) program. The inspection included a NPDES Storm Water Inspection screening form that was forwarded to Pollution Control.

Narrative Reports for SWMP Activities

Section 4.14 - Construction Planning Procedures

During 1999 various County entities reviewed the Land Development Regulations for possible revisions to be implemented during the year 2000. The revisions include a more stringent requirement for installation, inspection, and maintenance of BMPs. Final acceptance and verbiage of the revisions will be reported in the subsequent Annual Report (for year 2000).

Another proposed procedural revision relative to construction site runoff involves the checklist used by the inspectors. The proposal calls for a checklist to be included in the paperwork when the project is assigned to an inspector. The inspector will complete the checklist as appropriate and forward it to Pollution Control for filing and inclusion in subsequent Annual Reports.

Narrative Reports for SWMP Activities

Section 4.15 - Construction Inspections

County Land Development Services and Resource Protection Services inspected hundreds of construction sites, and advised the developers about proper installation and maintenance of erosion control devices (BMPs).

Chapter 29.5 of the City Code of the City of Sarasota required erosion and siltation permits for all soil disturbing activities, all commercial construction permits, and some residential construction permits. The permit required implementation of BMPs for erosion, siltation, and pollution prevention. Inspections were conducted by an employee of the City Engineer's office, who was certified through FW&PCOA for construction site erosion and siltation BMPs. Enforcement was handled by Development Services using code enforcement or stop work orders.

Narrative Reports for SWMP Activities

Section 4.16 - Education Activities

One County Pollution Control employee and one City employee attended the FDEP Erosion & Sediment Control Inspector's Training. Eighteen County employees received FW&PCOA training in 1999.

Narrative Reports for SWMP Activities
Section 4.17 - Monitoring Activities

Section 5 of this Annual Report details the many monitoring accomplishments of 1999.

Narrative Reports for SWMP Activities

Section 4.18 - Additional SWMP Activities

There are no additional activities to report at this time.

Monitoring Program Report

Section 5.1 - Monitoring Objectives

The monitoring program was developed in two phases. The permit required:

- Seasonal loading and event mean concentration data to be reported in the Annual Report for year four (Part V.A.1.);
- Investigation of organic pollutants identified in the permit application to be reported in the Annual Report for year three (Part V.A.2.); and
- Development of additional monitoring conditions (Part V.B.).

The additional monitoring conditions were defined in a letter from the U.S. EPA to Sarasota County Government, dated March 27, 1997, and required:

- Long term monthly bay and stream ambient water quality sampling from Sarasota Bay, Lemon Bay, upper Myakka River, and lower Myakka River, starting December 31, 1996, and to be reported on Discharge Monitoring Report forms with the Annual Report for year five (Part V.B.1.a.);
- Long term sampling near the North Port water plant to be reported by the City of North Port (Part V.B.1.b.);
- Long term ambient sediment, water, and biological sampling from Big Slough, Phillippi Creek, and Hudson Bayou to be reported in the Annual Report for year five (Part V.B.2.); and

- Two-phased investigation of metals contamination in Hudson Bayou, including sediment and storm water samples, to be reported in the Annual Report for year five (Parts V.B.3. and 4.)

The objectives for these monitoring activities are two-fold. The objective of long term ambient monitoring, as well as the seasonal load and event mean concentration data, is to characterize water quality trends (improvements or degradations). The objective of the Hudson Bayou and organics investigation data is to find and eliminate sources of pollutants.

Monitoring Program Report

Section 5.2 - Summary Table of Completed Monitoring

Table 5.2 - Monitoring Completed in 1999.

Station Locations	Sample Type	Parameters	Frequency	Completed	Comments
Seasonal loading and event mean concentration (Part V A 1)	Water	BOD, COD, TSS, TDS, TKN, NO ₂ -N, NO ₃ -N, TP, D&G, Cd, Cr, Cu, Pb, Zn, and dissolved P	Once	Yes Completed in 1998-99	The report was submitted on October 14, 1999, subsequent to the Annual Report for year four
Richardson Road - 1 station (Part V A 2)	Storm Water	Bis(2-ethylhexyl)phthalate	Once	Yes Completed in 1999	The investigation is explained in Section 5.7 and the data is in Appendix J
East Avenue 11 station (Part V A 2)	Storm Water	2-Ethylfluoranthene, Bis(2-ethylhexyl)phthalate, Chrysene, and 1,4-DIB	Once	Yes Completed in 1999	The investigation is explained in Section 5.7 and the data is in Appendix J
Sarasota Bay, Lemon Bay and Myakka River - 40 stations (Part V B 1 a)	Water	Temperature, pH, DO, salinity, specific conductance, BOD, color, turbidity, TSS, dissolved NO ₂ , dissolved NO ₃ , NO ₂ -N, NO ₃ -N, dissolved and total ammonia, dissolved inorganic nitrogen, TKN, TN, orthophosphate, TP, chlorophyll, and secchi depth	Monthly	Yes Completed in 1999	Appendix E contains all data from January 1, 1996 through December 31, 1999 on diskette in Microsoft Excel format
Sarasota Bay, Lemon Bay and Myakka River - 40 stations (Part V B 1 a)	Water	In-situ water temperature, pH, dissolved oxygen, salinity, and specific conductance	Once early morning per month	Yes Completed in 1999	Appendix F contains all data from January 1, 1996 through December 31, 1999 on diskette in Microsoft Excel format
Sarasota Bay and Myakka River - 40 stations (Part V B 1 a)	Water	Hydrolabs measure continuous 24-hour in-situ water temperature, pH, dissolved oxygen, salinity, and specific conductance	Two per month	Yes Completed in 1999	Appendix I contains all data from January 1, 1996 through December 31, 1999 on diskette in Microsoft Excel format
Philippi Creek, Hudson Bayou and Big Slough - 6 stations (Part V B 2)	Water	COD, BOD, NO ₂ -N, NO ₃ -N, TKN, total and dissolved P, TDS, TSS, oil & grease, cadmium, chromium, copper, lead, zinc, temperature, pH, DO and specific conductance	Twice annually in wet season and dry season	Yes Completed in 1999	Appendix G contains all data from January 1, 1996 through December 31, 1999 on diskette in Microsoft Excel format
Philippi Creek, Hudson Bayou and Big Slough - 6 stations (Part V B 2)	Biological	Analysis of Biological Community	Twice annually in wet season and dry season	Yes Completed in 1999	Appendix G contains all data from January 1, 1996 through December 31, 1999
Philippi Creek, Hudson Bayou and Big Slough - 6 stations (Part V B 2)	Sediment	Particle size, aluminum, cadmium, chromium, copper, lead, zinc, TN, TP and TOC	Annually in December	Yes Completed in 1999	Appendix G contains all data from January 1, 1996 through December 31, 1999 on diskette in Microsoft Excel format
Hudson Bayou - 3 stations (Part V B 4)	Storm Water	Cadmium, lead, copper, zinc, and chromium	Four times	Yes Completed in 1999 and 2000	Appendix H contains all data on diskette in Microsoft Excel format

Monitoring Program Report

Section 5.3 - Monitoring Conclusions

Estimates of seasonal pollutant load and event mean concentrations for a representative storm were calculated using a watershed management model for each major watershed. The model is based on the observation that storm water characteristics vary with land use. The same method was used for the permit application in 1993. The report concluded that total pollutant loads increased slightly because of increased urbanization, despite the addition of storm water control structures. The report was submitted on October 14, 1999, subsequent to the Annual Report for year four. This element was required by permit Part V.A.1.

The investigation of organic pollutants identified in the permit application was completed in 1999. There was no evidence of a point source discharge of pollutants to either sub-basin investigated. Section 5.7 of this Annual Report details the results of these investigations. This element was required by permit Part V.A.2.

Long term monthly bay and stream ambient water quality sampling from Sarasota Bay, Lemon Bay, upper Myakka River, and lower Myakka River, have not yet been subjected to trend analysis. The quality of the data, completed under contract by Mote Marine Laboratory, was excellent. This element was required by permit Part V.B.1.a.

Long term monitoring of sediments in Hudson Bayou, Phillippi Creek, and Big Slough assisted in producing some conclusions about Hudson Bayou. The sediment samples were compared to FDEP guidelines based on negative effects to aquatic organisms. Hudson Bayou was found to have elevated levels of lead, copper, and cadmium. Big Slough at I-75 had one sample with elevated cadmium. Phillippi Creek near Coburn Road had elevated levels of copper and cadmium. Additional sampling, already scheduled, will better determine the importance of these data. Appendix G includes a diskette; the file entitled Three Watersheds Sediment Data.xls contains all sediment data in a Microsoft Excel spreadsheet. This element was required by permit Part V.B.2.

A small number of data points have been produced for water samples taken from Phillippi Creek, Hudson Bayou, and Big Slough. Preliminary evaluation shows elevated lead, copper, and zinc in Hudson Bayou. Phillippi Creek also had elevated copper levels. Appendix G includes a diskette; the file entitled Three Watersheds Water Data.xls contains all surface water data in a Microsoft Excel spreadsheet. This element was required by permit Part V B.2.

Only three biological community sampling events have been completed for Phillippi Creek, Hudson Bayou, and Big Slough. Benthic habitat is characterized by sampler observations, and suggests Myakkahatchee Creek near the water plant is best, and Hudson Bayou is the worst. Phillippi Creek near Coburn Road has the greatest number of taxa, and Hudson Bayou has the fewest. After more sample events are completed, this information should become more informative. Appendix G includes a diskette; the file entitled Three Watersheds Biological Data.xls contains a summary of biological community data in a Microsoft Excel spreadsheet.

Data from 1999 is contained in Appendix G. Previous data reports were included with previous Annual Reports. This element was required by permit Part V.B.2.

Phase I of heavy metals monitoring in Hudson Bayou required 12 sediment cores to be analyzed for metals, grain size, total organic carbon, and total nutrients. The samples were compared to FDEP guidelines based on negative effects to aquatic organisms. The central and northern portions of Hudson Bayou were found to have elevated levels of lead, copper, zinc, and chromium. Stations H-6 and H-7 were most elevated and receive drainage from separate sub-basins, that suggested no single point source of contamination. All of these data were reported in Appendix P of the Annual Report for 1998. Appendix H includes a diskette; the file entitled Hudson Bayou Phase I.xls contains a summary of these sediment data in a Microsoft Excel spreadsheet. This element was required by permit Parts V.B.3.

Phase II of the Hudson Bayou heavy metals monitoring plan was amended by the Annual Report for 1998 to require four storm water sampling events. Lead, copper, and zinc frequently exceeded Florida Surface Water Quality Standards, but were not higher than typical urban runoff. The sub-basin that enters Hudson Bayou just south of Sarasota High School had lower levels than the more urban sub-basins to the north. No pollutant point source was identified by these storm water samples. Cadmium and chromium levels were low. On average, dissolved metals to total metals ratios were 19%, 46%, and 38% for Pb, Zn, and Cu, respectively. The data that were completed in 1999 are in Appendix H. An analysis of all the data is in Appendix H, entitled Hudson Bayou Phase II.xls in a Microsoft Excel spreadsheet format. This element was required by permit Parts V.B.4.

In Hudson Bayou, Sarasota County Pollution Control conducted additional monitoring beyond what was required by the permit. An interagency team was developed to review the data and develop a remediation plan. Details are available on request.

Monitoring Program Report

Section 5.4 - Monitoring Compliance

In 1999 all monitoring was completed with the exception of few minor details. Some incidental parameters were accidentally omitted from a storm water sampling event in Hudson Bayou.

Discharge monitoring reports will not be submitted as required by the permit. Several telephone conversations with EPA personnel concluded with verbal permission to submit monitoring data in the Microsoft Excel format instead; refer to Appendices F, G, H, and I. Tens of thousands of ambient water quality data points could not easily be transferred to DMR forms, and no effluent limits were applicable to the vast majority of this monitoring data. Most or all of these data are available on EPA's STORET database.

Monitoring Program Report

Section 5.5 - Monitoring Program Revisions

There are no Monitoring Program Revisions at this time. Refer to Section 6.2 of this report for Monitoring Program Modifications.

Monitoring Program Report

Section 5.6 - Inventory of Major Outfalls

A complete, updated inventory of all outfalls in both unincorporated Sarasota County and the City of Sarasota is in Appendix L.

Monitoring Program Report

Section 5.7 - Investigation of Organic Pollutants

Industrial Site 002 - East Avenue, Sarasota - The industrial site is comprised of a 9.5 acre area within the City of Sarasota. The watershed consists of a predominantly industrial area along East Avenue extending from 20th Street south to 18th Street. The undeveloped area north of 20th Street has been determined to be a former landfill. The buildings in the watershed have been constructed since 1970. Many of these are subdivided into smaller spaces that are leased or rented to business owners. The area has witnessed a significant turn over in the businesses, so much so, that few have been in place longer than five years. All facilities in the sub-basin were inspected by Pollution Control personnel and none were found to be discharging pollutants.

The outfall location is a 30" diameter RCP entering the north side of an east-west ditch on the west side of East Avenue roughly adjacent to 1800 East Avenue. The location is subject to backwatering from the larger ditch.

Review of the analytical results obtained for the MS4 permit application does not support a possible single source for any identified contaminants. Sampling conducted in 1999 corroborates levels of the pollutants identified in 1992-1993 as slightly above the detection limits.

The Acid and Base/Neutral compounds identified are typically associated with incomplete combustion of fossil fuels and as such are not unusual in an urban industrial environment. Neither 3,4-Benzofluoranthene nor Chrysene are produced or used commercially. Each was

identified by laboratory analysis as being slightly above the detection limit during the 1992-1993 preliminary studies. The 1999 analytical results do not identify either substance above the detection limits.

4,4'-DDE is found in small amounts as a contaminant in technical DDT and is also identified as a product of the breakdown of DDT in soil. While the compound may be indicative of previous use or disposal of DDT, the 1999 samples did not reveal levels above the method detection limit.

Bis(2-ethylhexyl)phthalate is a widely used plasticizer and as such is frequently identified in the environment. Levels found in the 1992-1993, and 1999 samples are slightly above the detection limit and do not indicate a single point source.

In conclusion, runoff from this industrial sub-basin intermittently contains trace pollutant residues typical of this land use, but there was no evidence of any active prohibited discharges from the area.

Low Density Residential Site 003 - Richardson Road, Sarasota - The drainage basin is comprised of an 11.5 acre area in the unincorporated portion of northern Sarasota County. Residential lots of one to five acres were developed in the early 1980's. The lots consist of single-family homes, many with stables or barns. The sampling location is a grassy swale along the north side of Richardson Road at 7401 Richardson Road. The site was visited several times by Pollution Control inspectors, but on no occasion was any evidence of a prohibited discharge observed.

A single sample from October 2, 1992 tested above the detection limit for Bis(2-ethylhexyl)phthalate. Subsequent samples from the 1992-1993 and the 1999 investigations could not confirm elevated, detectable levels. The July 21, 1999 the sample was analyzed at the lower drinking water limit with the results being non-detectable. As noted in the East Avenue investigation, Bis(2-ethylhexyl)phthalate (DEHP) is a widely used plasticizer. The major use is in the production of polyvinyl chloride to make the plastic flexible.

In conclusion, there was no evidence of any prohibited discharge from the subject area. The one sample that showed the presence of this ubiquitous compound may be typical of this land use type, or a one-time leak or spill. Appendix I contains the analytical data conducted subsequent to the permit application.

Monitoring Program Report
Section 5.8 - Seasonal Pollutant Loading and Event Mean
Concentrations

Estimates of the seasonal pollutant load and of the event mean concentration of a representative storm for specified parameters was completed in 1999. On October 14, 1999 the completed study was mailed to EPA and FDEP, subsequent to the Annual Report for year four.

Permit Modifications

Section 6.1 - SWMP Modifications

The following suggestions are intended to focus resources on activities more likely to effect positive changes in water quality.

- Construction site inspectors are required to complete a checklist that includes observing a Notice of Intent (NOI) and Storm Water Pollution Prevention Plan (SWPPP) on site. The NOI is submitted during development review with plans that include BMPs that are substantially the same as the SWPPP. Please delete the checklist requirement from the permit.
- The feasibility of an erosion and sediment control certification program for construction site operators has been completed. The FDEP provides an appropriate certification and there is no need for a local certification program. Please amend the permit to reflect this change.
- The FW&PCOA training course has been found to be substantially the same as the FDEP Erosion and Sediment Control training. Please amend the permit to reflect this change.

Permit Modifications

Section 6.2 - Monitoring Program Modifications

As discussed in the previous section, the Discharge Monitoring Report is inappropriate for the permit-required non-discharge water quality data. There are no applicable effluent limits and the forms are too small to handle the amount of data generated. Please delete this element from the permit.

The Hudson Bayou monitoring requirements were completed. Please delete these elements from the permit.

The Pollutant Loading and Event Mean Concentration monitoring has not generated any useful information. To conclude that pollutant loads increase as urbanization occurs is not a useful conclusion, because it is common knowledge. The other conclusion, that pollutant loads increase less than would occur without the presence of BMPs, was also known beforehand. Please delete the Pollutant Load and Event Mean Concentration element from the permit.

Sarasota County is willing to develop new monitoring elements to replace those that were completed, as long as the total cost does not increase. The replacement element needs to be focused on finding a pollution source that can be remediated, or accurately measuring trends in water quality. A negotiation with EPA, NEP, FDEP, and SWFWMD is suggested to develop a useful monitoring element.

Permit Modifications

Section 6.3 - Other Permit Modifications

No other permit modifications are suggested at this time.

Section 7 - Fiscal Analysis

These figures were based on the best available information from Sarasota County and the City of Sarasota employees who were responsible for implementing the elements.

Table 7.1 Financial Survey for Year Five (1999):

Program Activity	Previous Year (FY 1998)	Current Year (FY 1999)	Future Year (FY 2000)	Funding Source/Comments
1. O & M of Structural Controls; Inspect Structural Controls	\$37,000	\$187,000	\$191,000	Storm water Fees
1. O & M of Structural Controls; Private Storm Water Systems	Not Available as a Line Item Cost			Costs included with Inspections of Structural Controls
1. O & M of Structural Controls; Inspector Training	\$8,450	Drainage: \$2,000	Drainage: \$2,500	Storm water Fees & Transportation General Funds
2. Control of Discharges; Adopt Ordinances and CDRs	Not Available as a Line Item Cost			Negligible Costs
2. Control of Discharges; Basin Planning	\$1,929,953	\$2,033,000	\$1,815,000	Storm water Fees
3. O & M of Roads; Litter Control	\$80,000	\$68,000	\$80,000	Transportation General Funds & Solid Waste Fees
3. O & M of Roads; Street Sweeping - County	\$3,143,525	\$3,100,000	\$3,000,200	Transportation Trust Gas Tax
3. O & M of Roads; Street Sweeping - City	\$302,000	\$302,300	\$302,000	Public Works Department
3. O & M of Roads; Street Sweeping - Keep Sarasota Beautiful - City & County	\$130,000	\$130,000	\$150,000	Solid Waste Tipping Fees & EPA Grants
3. O & M of Roads; Catch Basin and Ditch Maintenance	\$1,975,000	\$1,961,297	\$2,150,000	Storm water Fees
3. O & M of Roads; Pollution Reduction Practices - County	\$2,844	Drainage: \$2,350 \$2,844	Drainage: \$2,888 \$2,844	Transportation General Funds

SARASOTA COUNTY POLLUTION CONTROL DIVISION
CONVERSATION RECORD

DATE/TIME: 2-27-2000

PHONE: 316 14417

NAME: Bill Nichols

TITLE: Gen Mgr

FIRM/ORGANIZATION: County Dept of Maint, Publ. Works

SUBJECT: MS4 Annual Report

Page 77 Correction

County Street Sweeping is actually paid
by Transportation Trust Gas Tax, not
'Stormwater fees'

Nine told him the report had already been
sent

EMPLOYEE: RYAN

Program Activity	Previous Year (FY 1998)	Current Year (FY 1999)	Future Year (FY 2000)	Funding Source/Comments
3. O & M of Roads; Pollution Reduction Practices - City	\$4,000	\$4,000	\$4,000	Police & Public Works Waste Handling Costs
4. Flood Control Projects; Basin Plans	\$1,975,000	\$7,728,221	\$7,352,000	Storm water Capital Improvement Assessments
5. Discharges from Municipal Waste and POTW Facilities - County		Mosquito: \$4,000		Utility Fees & Solid Waste Fees
5. Discharges from Municipal Waste & POTW Facilities - City		Not Available as a Line Item Cost		Utility Fees & Solid Waste Fees
6. Pesticides, Herbicides, and Fertilizers; Public Education	\$8,000	\$3,885	\$34,000	Extension Service General Funds
6. Pesticides, Herbicides, and Fertilizers; Employee Training	\$7,000	Extension: \$815 Mosquito: \$5,000 Drainage: \$800	Drainage: \$1,000	Storm water & Transportation & Extension Service General Funds
6. Pesticides, Herbicides, and Fertilizers; Minimize Use and Proper Storage	\$166,600	Drainage: \$7000 Mosquito: \$1200	Drainage: \$10,000	Storm water & Transportation & Extension Service General Funds
7a. Illicit Discharges & Disposal; Non-Storm Water Discharges Allowed		Not Available as a Line Item Cost		Included in Cost of Illicit Inspections and Enforcement
7a. Illicit Discharges & Disposal; Inspections and Enforcement	\$355,529	\$376,124	\$376,124	Unincorporated Area Services Funds
7a. Illicit Discharges & Disposal; Amend Ordinances		Not Available as a Line Item Cost		Included in Cost of Illicit Inspections and Enforcement
7b. Illicit Discharges & Disposal; Outfall Inventory & Field Screening		Not Available as a Line Item Cost		Included in Cost of Illicit Inspections and Enforcement
7c. Illicit Discharges & Disposal; Investigate Illicit Connections		Not Available as a Line Item Cost		Included in Cost of Illicit Inspections and Enforcement
7d. Illicit Discharges & Disposal; Spill Response	\$181,940	\$181,940	\$181,940	Landfill Fee Surcharge & Fire Department General Funds
7e. Illicit Discharges & Disposal; Publicize Reporting of Illicit Discharges		Not Available as a Line Item Cost		Included in Cost of Illicit Inspections and Enforcement
7f. Illicit Discharges & Disposal; Hazardous Waste Collection	\$415,000	\$386,400	\$356,400	Landfill Fee Surcharge
7f. Illicit Discharges & Disposal; Storm Drain Stenciling		Not Available as a Line Item Cost		Costs Included in Letter Control

Program Activity	Previous Year (FY 1998)	Current Year (FY 1999)	Future Year (FY 2000)	Funding Source/Comments
7g. Illicit Discharges & Disposal; Sanitary Sewer Seepage - County	\$3,800,000	\$3,200,000	\$3,200,000	Utility Fees
7g. Illicit Discharges & Disposal; Sanitary Sewer Seepage - City	\$2,500,000	O&M: \$1,870,132 CIP: \$3,027,250	O&M: \$1,815,620 CIP: \$2,155,283	Utility Fees
8a. Industrial and High Risk Runoff; Facility Inspections	Not Available as a Line Item Cost			Included in Cost of Illicit Inspections and Enforcement
8b. Industrial and High Risk Runoff; Monitoring	Not Available as a Line Item Cost			Included in Cost of Illicit Inspections and Enforcement
9a. Construction Site Runoff; Amend Rules & Track Projects	Not Available as a Line Item Cost			Natural Resources & Transportation General Funds
9b. Construction Site Runoff; Inspection and Enforcement	Not Available as a Line Item Cost			NA
9c. Construction Site Runoff; Site Operator Training & Notification	NA	NA	NA	NA
V.A.1. Seasonal Loadings and Event Mean Concentrations	NA	\$7500	NA	Storm water Fees
V.A.2. Investigation of Organic Pollutants	NA	\$1000	NA	Storm water Fees
V.B.1. Existing Monthly Bay and Stream Runs	\$119,941	\$119,941	\$119,941	Unincorporated Area Services Funds
V.B.2. Monitoring in Big Slough, Hudson Bayou & Phillippi Creek Basins	\$28,620	\$28,020	\$28,684	Storm water Fees
V.B.3. Heavy Metals Monitoring Program in Hudson Bayou, Phase I	NA	\$2020	NA	Storm water Fees
V.B.4. Heavy Metals Monitoring in Hudson Bayou, Phase II	NA	NA	\$4600	Storm water Fees
Totals	\$17,117,810	\$25,323,780	\$23,313,120	

ROADSIDE DITCH INVENTORY

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Uplands Bv	Parkview Dr	Edwards Dr.	792	12	8	X			X		X	1
DeSoto Rd.	RxR Tracks	Washington Bv. North	3,696	18	14		X				X	1
DeSoto Rd.	RxR Tracks	Washington Bv. North	3,696	24	12	X					X	1
DeSoto Rd.	Washington Bv. North	Tuttle Av.	5,280	33	21		X				X	1
DeSoto Rd.	Washington Bv. North	Tuttle Av.	5,280	24	13	X					X	1
DeSoto Rd.	Tuttle Av.	Lockwood Ridge Rd.	2,640	24	13	X					X	1
DeSoto Rd.	Tuttle Av.	Lockwood Ridge Rd.	2,640	18	10		X				X	1
DeSoto Rd.	Lockwood Ridge Rd	Isabella Av	528	6	3		X				X	4
DeSoto Rd.	Lockwood Ridge Rd	Isabella Av	528	6	3	X					X	4
DeSoto Rd.	Isabella Av	Capitan Av	1,584	17	5		X				X	4
DeSoto Rd.	Isabella Av	Capitan Av.	1,584	13	6	X					X	4
DeSoto Rd.	Capitan Av.	San Jose Dr	2,640	15	6		X				X	4
DeSoto Rd.	Capitan Av.	San Jose Dr.	2,640	15	8	X					X	4
DeSoto Rd.	San Jose Dr	Longwood Run Bv	4,752	22	4		X				X	4
DeSoto Rd.	San Jose Dr.	Longwood Run Bv	4,752	16	4			X			X	4
DeSoto Rd.	Harold Av.	Honore Av.	2,112	10	6		X				X	25
DeSoto Rd.	Harold Av	Honore Av.	2,112	13	6	X					X	25
Harold Av	DeSoto Rd.	47th Street	2,640	10	5		X				X	4
Harold Av	DeSoto Rd.	47th Street	2,640	9	5	X					X	4
Sacramento St	Harold Av	Pavement Ends / Avant St	528	6	5		X				X	25
Sacramento St	Harold Av	Pavement Ends / Avant St.	528	5	3	X					X	25
San Jose Dr.	47th Street	Tampico Dr.	2,112	7	3	X					X	4
San Jose Dr.	47th Street	Tampico Dr.	2,112	10	7		X				X	4
San Jose Dr.	Tampico Dr	DeSoto Rd.	1,320	7	3			X			X	4
San Jose Dr	Tampico Dr	DeSoto Rd.	1,320	3	3				X		X	4
San Jose Way	San Jose Dr	47th Street	264	5	3			X			X	4
San Jose Way	San Jose Dr	47th Street	264	10	3				X		X	4
Evora Av	DeSoto Rd	San Luis Dr.	528	11	6				X		X	4
Evora Av	DeSoto Rd	San Luis Dr	528	11	6			X			X	4
Felipe Ln	San Jose Dr	Evora Av.	264	5	4	X					X	4
Felipe Ln	San Jose Dr	Evora Av.	264	7	3		X				X	4
Durango Av	San Luis Dr	DeSoto Rd.	528	6	3			X			X	4
Durango Av	San Luis Dr	DeSoto Rd.	528	5	2				X		X	4
Carmen Av	DeSoto Rd.	San Luis Dr	528	6	4			X			X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE NORTH		SOUTH	EAST	WEST	CITY	CO	BASIN
					DEPTH	SIDE	SIDE	SIDE	SIDE			
Carmen Av	DeSoto Rd	San Luis Dr.	528	8	4				X		X	4
Barbarosa Av	San Luis Dr.	DeSoto Rd.	528	5	2			X			X	4
Barbarosa Av	San Luis Dr	DeSoto Rd.	528	6	4				X		X	4
Avila Av.	DeSoto Rd	San Luis Dr	528	7	3			X			X	4
Avila Av	DeSoto Rd	San Luis Dr	528	7	3				X		X	4
Mink Rd	DeSoto Rd.	47th Street	2,112	9	5			X			X	4
Mink Rd	DeSoto Rd	47th Street	2,112	5	4				X		X	4
Mink Rd	47th Street	Cul - De - Sac	1,584	4	3			X			X	4
Mink Rd	47th Street	Cul - De - Sac	1,584	4	3				X		X	4
Mink Rd.	42nd Street	Gocio Rd.	2,640	10	5			X			X	4
Mink Rd	42nd Street	Gocio Rd.	2,640	9	5				X		X	4
Mink Way	Mink Rd	Cul - De - Sac	528	4	3	X					X	4
Mink Way	Mink Rd	Cul - De - Sac	528	4	3		X				X	4
47th Street	Mink Rd.	Harold Av	6,864	11	9	X					X	4
47th Street	Mink Rd.	Harold Av	6,864	9	4		X				X	4
47th Street	Lockwood Ridge Rd	Shade Av. North	5,280	8	4	X					X	4
47th Street	Lockwood Ridge Rd	Shade Av. North	5,280	7	4		X				X	4
47th Street	Carmichael Av	Ashberry Dr	528	7	3	X					X	1
47th Street	Carmichael Av.	Ashberry Dr.	528	15	9		X				X	1
47th Street	Carmichael Av.	Washington Bv. North	792	15	5	X					X	1
47th Street	Carmichael Av	Washington Bv. North	792	0	0		X				X	1
Angeles Av	DeSoto Rd.	San Juan Dr.	528	7	5			X			X	4
Angeles Av.	DeSoto Rd	San Juan Dr	528	7	5	X					X	4
Capitan Av.	San Juan Dr.	DeSoto Rd.	528	6	4				X		X	4
Capitan Av	San Juan Dr	DeSoto Rd	528	7	4			X			X	4
San Juan Dr	DeSoto Rd	Prado Dr.	1,584	5	3			X			X	4
San Juan Dr	DeSoto Rd	Prado Dr.	1,584	7	3				X		X	4
Ventura Av	San Juan Dr	Nogales Dr.	792	6	2	X					X	4
Ventura Av	San Juan Dr	Nogales Dr	792	5	2		X				X	4
Nogales Dr	Angeles Av	Mink Rd.	792	4	2	X					X	4
Nogales Dr	Angeles Av	Mink Rd	792	7	3		X				X	4
Malaga Av.	Nogales Dr.	Prado Dr.	792	5	4				X		X	4
Malaga Av	Nogales Dr	Prado Dr	792	5	4			X			X	4
San Luis Dr	Malaga Av	Evora Av.	1,584	5	2	X					X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
San Luis Dr	Malaga Av.	Evora Av.	1,584	6	3		X				X	4
San Luis Dr	Evora Av	San Jose Dr	528	4	3	X					X	4
San Luis Dr	Evora Av	San Jose Dr	528	9	5		X				X	4
Prado Dr	San Juan Dr	Mink Rd.	2,112	8	2	X					X	4
Prado Dr	San Juan Dr	Mink Rd.	2,112	7	6		X				X	4
Prado Dr.	Mink Rd.	To Cut - De - Sac	2,112	5	3	X					X	4
Prado Dr.	Mink Rd	To Cut - De - Sac	2,112	10	5		X				X	4
Habana Dr.	Prado Dr	Tampico Dr.	264	6	3			X			X	4
Habana Dr	Prado Dr.	Tampico Dr.	264	7	3				X		X	4
Habana Dr	Tampico Dr	47th Street	1,584	4	4			X			X	4
Habana Dr	Tampico Dr	47th Street	1,584	4	3				X		X	4
Tampico Dr	Mink Rd.	San Jose Dr.	2,112	6	6	X					X	4
Tampico Dr.	Mink Rd	San Juan Dr	2,112	9	3		X				X	4
Seville Dr.	Tampico Dr	47th Street	1,320	5	3			X			X	4
Seville Dr	Tampico Dr	47th Street	1,320	7	4				X		X	4
Elfrida Av.	Tampico Dr	47th Street	1,056	7	4			X			X	4
Elfrida Av	Tampico Dr	47th Street	1,056	7	4				X		X	4
Velarde Ln	Elfrida Av	Seville Dr.	320	6	3	X					X	4
Velarde Ln.	Elfrida Av.	Seville Dr.	320	4	2		X				X	4
Valle Ln.	Seville Dr.	Elfrida Av.	528	6	3	X					X	4
Valle Ln	Seville Dr.	Elfrida Av.	528	6	2		X				X	4
Del Monte Av	Tampico Dr	47th Street	1,056	7	4			X			X	4
Del Monte Av	Tampico Dr.	47th Street	1,056	7	4				X		X	4
Capri Av.	47th Street	Tampico Dr.	1056	7	4			X			X	4
Capri Av	47th Street	Tampico Dr.	1056	6	3				X		X	4
Barcelona Av	Tampico Dr	47th Street	1056	7	4			X			X	4
Barcelona Av	Tampico Dr	47th Street	1056	7	3				X		X	4
Almanza Av.	47th Street	Tampico Dr.	1056	6	3			X			X	4
Almanza Av	47th Street	Tampico Dr.	1056	6	3				X		X	4
Ravenwood Dr	DeSoto Rd.	Ravenwood Dr	6336	9	3			X			X	4
Ravenwood Dr	DeSoto Rd.	Ravenwood Dr.	6336	6	3				X		X	4
Ravenwood Pl.	Ravenwood Dr	To Cut - De - Sac	792	5	3	X					X	4
Ravenwood Pl	Ravenwood Dr	To Cut - De - Sac	792	6	3		X				X	4
Balsam Ct	Ravenwood Dr.	To Cut - De - Sac	500	9	5	X					X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Balsam Ct	Ravenwood Dr	To Cul - De - Sac	500	8	4		X				X	4
Ironwood Ct.	Ravenwood Dr	To Cul - De - Sac	264	8	3	X					X	4
Ironwood Ct.	Ravenwood Dr.	To Cul - De - Sac	264	7	4		X				X	4
Trentwood Pl.	Ravenwood Dr.	To Cul - De - Sac	528	8	4	X					X	4
Trentwood Pl.	Ravenwood Dr.	To Cul - De - Sac	528	8	4		X				X	4
Ravenwood Ct.	Ravenwood Dr	To Cul - De - Sac	528	10	8			X			X	4
Ravenwood Ct.	Ravenwood Dr	To Cul - De - Sac	528	10	8				X		X	4
Ravenwood Way	Ravenwood Dr.	To Cul - De - Sac	528	13	7			X			X	4
Ravenwood Ct	Ravenwood Dr.	To Cul - De - Sac	528	13	7				X		X	4
Muriwood Ct	Ravenwood Dr.	To Cul - De - Sac	264	8	6			X			X	4
Muriwood Ct.	Ravenwood Dr	To Cul - De - Sac	264	8	5				X		X	4
Conservatory Dr	University Pkwy	Shady Brook Ln	2,640	6	2			X			X	4
Conservatory Dr	University Pkwy	Shady Brook Ln	2,640	6	2				X		X	4
42nd Street	Hauri Rd.	Mink Rd.	2,640	9	0	X					X	1
42nd Street	Hauri Rd.	Mink Rd.	2,640	6	3		X				X	1
42nd Street	Lockwood Ridge Rd	Brazilnut Av.	792	9	6	X					X	1
42nd Street	Lockwood Ridge Rd	Brazilnut Av.	792	10	6		X				X	1
42nd Street	Brazilnut Av.	Almond Av.	264	7	4	X					X	1
42nd Street	Brazilnut Av.	Almond Av.	264	11	5		X				X	1
Hidden Forest Way	Mink Rd.	Hidden Forest Ln.	1,056	9	3	X					X	4
Hidden Forest Way	Mink Rd.	Hidden Forest Ln	1,056	9	3		X				X	4
Hidden Forest Ln	Cul - De - Sac	To Cul - De - Sac	2,112	6	2			X			X	4
Hidden Forest Ln	Cul - De - Sac	To Cul - De - Sac	2,112	6	2				X		X	4
Hidden Forest Dr	Cul - De - Sac	To Cul - De - Sac	1,584	6	2			X			X	4
Hidden Forest Dr	Cul - De - Sac	To Cul - De - Sac	1,584	6	2				X		X	4
Lost Forest Rd.	Hidden Forest Dr	To Cul - De - Sac	1,056	8	4			X			X	4
Lost Forest Rd.	Hidden Forest Dr.	To Cul - De - Sac	1,056	7	3				X		X	4
Lost Forest Ln.	Hidden Forest Rd	To Cul - De - Sac	528	6	4	X					X	4
Lost Forest Ln	Hidden Forest Rd.	To Cul - De - Sac	528	5	2		X				X	4
Gocio Rd.	East End Of Gocio Rd	Mink Rd	1,320	16	9		X				X	4
Gocio Rd	East End Of Gocio Rd	Mink Rd.	1,320	16	9	X					X	4
Gocio Rd	Mink Rd	Lockwood Ridge Rd	3,696	16	9	X					X	4
Gocio Rd	Mink Rd	Lockwood Ridge Rd.	3,696	11	7		X				X	4
Lockwood Ridge Rd	University Pkwy	Gocio Rd	9,240	0	0			X			X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Lockwood Ridge Rd	University Pkwy	Gocio Rd.	9,240	0	0				X		X	4
Lockwood Ridge Rd	Gocio Rd	17th Street	3,960	0	0			X			X	4
Lockwood ridge Rd	Gocio Rd	17th Street	3,960	0	0				X		X	4
Lockwood Ridge Rd.	Webber Street	Dawson Street	1,056	0	0			X			X	4
Lockwood Ridge Rd.	Webber Street	Dawson Street	1,056	0	0				X		X	4
Lockwood Ridge rd	Webber Street	Bee Ridge Rd.	3,432	0	0			X			X	4
Lockwood Ridge Rd	Webber Street	Bee Ridge Rd.	3,432	0	0				X		X	4
Lockwood Ridge Rd	Bee Ridge Rd.	Wilkinson Rd.	2,376	8	4			X			X	4
Lockwood Ridge rd.	Bee Ridge Rd.	Wilkinson Rd.	2,376	6	3				X		X	4
Lockwood Ridge Rd	Wilkinson Rd.	Jamaica Street	1,056	8	4			X			X	4
Lockwood Ridge Rd	Wilkinson Rd	Jamaica Street	1,056	8	7				X		X	4
Lockwood Ridge Rd	Jamaica Street	To Barricades	528	6	6			X			X	4
Lockwood Ridge Rd	Jamaica Street	To Barricades	528	0	0				X		X	4
Lockwood Ridge Rd	Gypsy Street	Ashton Rd.	1,056	9	7			X			X	4
Lockwood Ridge Rd	Gypsy Street	Ashton Rd.	1,056	7	6				X		X	4
Lockwood Ridge Rd	Ashton Rd	Clark Rd.	2,640	9	7			X			X	4
Lockwood Ridge Rd	Ashton Rd	Clark Rd.	2,640	6	6				X		X	4
Lockwood Ridge Rd	Clark Rd	Savage Rd.	2,640	8	6			X			X	4
Lockwood Ridge Rd	Clark Rd.	Savage Rd.	2,640	6	5				X		X	4
Lockwood Ridge Rd.	Savage Rd	Regatta Dr.	1,848	0	0			X			X	4
Lockwood Ridge Rd	Savage Rd	Regatta Dr.	1,848	0	0				X		X	4
Traylor Av.	University Pkwy	47th Street	5,280	9	6			X			X	4
Traylor Av.	University Pkwy	47th Street	5,280	7	6				X		X	4
Tuttle Av.	University Pkwy	DeSoto Rd.	1,056	9	7			X			X	1
Tuttle Av.	University Pkwy	DeSoto Rd.	1,056	7	7				X		X	1
Tuttle Av.	DeSoto Rd	Dr. M. L. King Jr. Way	2,640	6	4			X			X	1
Tuttle Av	DeSoto Rd	Dr. M. L. King Jr. Way	2,640	5	3				X		X	1
Tuttle Av.	Dr. M. L. King Jr. Way	17th Street	2,376	0	0			X			X	1
Tuttle Av	Dr. M. L. King Jr. Way	17th Street	2,376	0	0				X		X	1
Tuttle Av.	Webber Street	Bee Ridge Rd.	3,168	0	0			X			X	4
Tuttle Av.	Webber Street	Bee Ridge Rd.	3,168	0	0				X		X	4
Shade Av. North	University Pkwy	DeSoto Rd.	2,376	8	6			X			X	1
Shade Av. North	University Pkwy	DeSoto Rd.	2,376	11	7				X		X	1
Shade Av. North	DeSoto Rd.	47th Street	2,640	9	7			X			X	1

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE				CITY	CO	BASIN
					DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE		
Shade Av. North	DeSoto Rd	47th Street	2,640	11	8				X	X	1
Shade Av. North	47th Street	Cul - De - Sac	1,320	0	0			X		X	1
Shade Av. North	47th Street	Cul - De - Sac	1,320	0	0				X	X	1
Shade Av. South	Hibiscus Street	Bee Ridge Rd.	4,488	0	0			X		X	4
Shade Av. South	Hibiscus Street	Bee Ridge Rd	4,488	0	0				X	X	4
Shade Av. South	Bee Ridge Rd.	Palm Terr	2,640	13	8			X		X	4
Shade Av. South	Bee Ridge Rd	Palm Terr.	2,640	10	6				X	X	4
Middle Av	61st Street	53rd Street	2,640	8	3			X		X	1
Middle Av	61st Street	53rd Street	2,640	0	0				X	X	1
Middle Av	51st Street	47th Street	1,056	5	3			X		X	1
Middle Av	51st Street	47th Street	1,056	0	0				X	X	1
Middle Av.	Start Of Street North	47th Street	1,056	16	8			X		X	1
Middle Av	Start Of Street North	47th Street	1,056	0	0				X	X	1
61st Street	Middle Av	Shade Av. North	2,376	11	8	X				X	1
61st Street	Middle Av.	Shade Av. North	2,376	10	6		X			X	1
61st Street	Tuttle Av.	Lockwood Ridge Rd.	2,640	8	6	X				X	1
61st Street	Tuttle Av	Lockwood Ridge Rd.	2,640	7	3		X			X	1
59th Street	Lockwood Ridge Rd	Middle Av	7,920	12	9	X				X	1
59th Street	Lockwood Ridge Rd	Middle Av.	7,920	10	7		X			X	1
57th Street	Osprey Av	North Washington Bv.	1,056	5	2	X				X	1
57th Street	Osprey Av	North Washington Bv.	1,056	9	4		X			X	1
57th Street	Start West Of Shade Av	Lockwood Ridge Rd.	6,072	12	6	X				X	1
57th Street	Start West Of Shade Av	Lockwood Ridge Rd.	6,072	10	5		X			X	1
53rd Street	Lockwood Ridge Rd	Middle Av	7,656	10	6	X				X	1
53rd Street	Lockwood Ridge Rd	Middle Av	7,656	8	5		X			X	1
51st Street	Lockwood Ridge Rd	Shade Av. North	5,280	8	4	X				X	1
51st Street	Lockwood Ridge Rd	Shade Av. North	5,280	9	5		X			X	1
51st Street	Middle Av	Industrial Park	1,320	8	5	X				X	1
51st Street	Middle Av	Industrial Park	1,320	6	3		X			X	1
49th Street	Shade Av. North	Ends East Of Dryman Av	7,920	9	4	X				X	4
49th Street	Shade Av. North	Ends East Of Dryman Av.	7,920	8	4		X			X	4
44th Street	Lockwood Ridge Rd	Almond Av	1,056	12	8	X				X	1
44th Street	Lockwood Ridge Rd	Almond Av	1,056	12	8		X			X	1
40th Street	Brazillat Av.	Lockwood Ridge Rd.	792	10	5	X				X	1

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BSIN
40th Street	Brazilnut Av	Lockwood Ridge Rd	792	8	6			X			X	1
Almond Av	Start Of Pavement	44th Street	264	0	0			X			X	1
Almond Av	Start Of Pavement	44th Street	264	0	0				X		X	1
Brazilnut Av	47th Street	42nd Street	1,320	5	5			X			X	1
Brazilnut Av	47th Street	42nd Street	1,320	5	4				X		X	1
Brazilnut Av	42nd Street	Myrtle St	1,320	5	5			X			X	1
Brazilnut Av	42nd Street	Myrtle St	1,320	6	4				X		X	1
Locust Av	Myrtle St	44th Street	1,848	7	5			X			X	1
Locust Av	Myrtle St	44th Street	1,848	8	5				X		X	1
Chestnut Av	Myrtle St	44th Street	1,848	7	4			X			X	1
Chestnut Av	Myrtle St	44th Street	1,848	8	4				X		X	1
Walnut Av	Myrtle St	44th Street	1,848	6	3			X			X	1
Walnut Av	Myrtle St	44th Street	1,848	7	5				X		X	1
University Pkwy	N. Washington Bv. / RXR	1-75	25,344	16	7	Median					X	1-4-25
University Pkwy	N. Washington Bv. / RXR	1-75	25,344	28	28		X				X	1-4-25
Honore Av	University Pkwy	17th Street	2,904	11	9			X			X	25
Honore Av	University Pkwy	17th Street	2,904	12	10				X		X	25
Honore Av	17th Street	Richardson Rd	2,640	7	5			X			X	4
Honore Av	17th Street	Richardson Rd	2,640	0	0				X		X	4
Honore Av	Richardson Rd	Fruitville Rd	2,112	0	0			X			X	4
Honore Av	Richardson Rd	Fruitville Rd	2,112	0	0				X		X	4
Honore Av	Fruitville Rd	Palmer Bv	3,432	8	4			X			X	4
Honore Av	Fruitville Rd	Palmer Bv	3,432	9	4				X		X	4
Honore Av	Palmer Bv	Bahia Vista Street	1,584	15	9			X			X	4
Honore Av	Palmer Bv	Bahia Vista Street	1,584	0	0				X		X	4
Honore Av	Bahia Vista Street	Turtle Creek Ln	1,848	11	6			X			X	4
Honore Av	Bahia Vista Street	Turtle Creek Ln	1,848	0	0				X		X	4
Honore Av	Turtle Creek Ln	Colonial Oak Bv	2,112	0	0			X			X	4
Honore Av	Turtle Creek Ln	Colonial Oak Bv	2,112	14	7				X		X	4
Honore Av	Bee Ridge Rd	Ashton Rd	5,280	20	8			X			X	4
Honore Av	Bee Ridge Rd	Ashton Rd	5,280	0	0				X		X	4
Honore Av	Ashton Rd	Proctor Rd	2,640	0	0			X			X	4
Honore Av	Ashton Rd	Proctor Rd	2,640	0	0				X		X	4
Honore Av	Proctor Rd	Clark Rd	2,640	18	10			X			X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BSIN
Honore Av	Proctor Rd	Clark Rd.	2,640	11	7				X		X	4
Honore Av	Clark Rd	Jern Ln	2,640	0	0			X			X	4
Honore Av	Clark Rd	Jern Ln.	2,640	5	3				X		X	4
Longmeadow Dr	17th Street	Marsh Field Rd.	1,584	8	6			X			X	4
Longmeadow Dr	17th street	Marsh Field Rd.	1,584	6	3				X		X	4
Longmeadow Dr	Marsh Field Rd	Honore Av.	3,960	11	8	X					X	4
Longmeadow DR	Marsh Field Rd	Honore Av.	3,960	9	5		X				X	4
Hadfield Dr	Longmeadow Dr	Cul - De - Sac	3,696	0	0	X					X	4
Hadfield Dr	Longmeadow Dr	Cul - De - Sac	3,696	0	0		X				X	4
Myrtle Street	Lockwood Ridge Rd	Brazilnut Av.	792	8	6	X					X	1
Myrtle Street	Lockwood Ridge Rd	Brazilnut Av.	792	7	7			X			X	1
Myrtle Street	Tuttle Av.	To Booker Middle School	3,432	14	7	X					X	1
Myrtle Street	Tuttle Av	To Booker Middle School	3,432	11	7			X			X	1
Myrtle Street	Leonard Reed Av.	To End of Pavement	792	8	5	X					X	1
Myrtle Street	Leonard Reed Av	To End Of Pavement	792	6	5			X			X	1
Leonard Reed Av	Myrtle Street	Dr. M. L. King Jr. Way	2,640	10	5			X			X	1
Leonard Reed Av	Myrtle Street	Dr. M. L. King Jr. Way	2,640	11	6				X		X	1
Newtown Bv	Dr. M. L. King Jr. Way	Dr. M. L. King Jr. Way	3,696	0	0			X			X	1
Newtown Bv	Dr. M. L. King Jr. Way	Dr. M. L. King Jr. Way	3,696	0	0				X		X	1
Banneker Way	Newtown Bv	Newtown Bv	1,056	0	0			X			X	1
Banneker Way	Newtown Bv	Newtown Bv.	1,056	0	0				X		X	1
Bunche Cir.	Newtown Bv	Newtown Bv	1,584	0	0			X			X	1
Bunche Cir.	Newtown Bv	Newtown Bv.	1,584	0	0				X		X	1
Powell Cir	Newtown Bv	Cul - De - Sac	792	0	0	X					X	1
Powell Cir	Newtown Bv.	Cul - De - Sac	792	0	0		X				X	1
Clay Cir.	Newtown Bv	Cul - De - Sac	264	0	0			X			X	1
Clay Cir.	Newtown Bv	Cul - De - Sac	264	0	0				X		X	1
Evers Cir.	Newtown Bv.	Cul - De - Sac	264	0	0	X					X	1
Evers Cir	Newtown Bv	Cul - De - Sac	264	0	0		X				X	1
Joe Louis Dr	Newtown Bv.	Newtown Bv.	792	0	0			X			X	1
Joe Louis Dr	Newtown Bv	Newtown Bv.	792	0	0				X		X	1
Mc Cloud Cir.	Joe Louis Cir	Cul - De - Sac	528	0	0			X			X	1
Mc Cloud Cir	Joe Louis Cir.	Cul - De - Sac	528	0	0				X		X	1
Carmichael Av	South Of Myrtle Street	North End Of Pavement	1,056	4	2			X			X	1

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Carmichael Av	South Of Myrtle Street	North End Of Pavement	1,056	0	0				X		X	1
Carmichael Av	South Of 47th Street	47th Street	792	6	5			X			X	1
Carmichael Av	South Of 47th Street	47th Street	792	5	2				X		X	1
Carmichael Av	47th Street	Canal 3-7 / RXR	528	8	4			X			X	1
Carmichael Av	47th Street	Canal 3-7 / RXR	528	8	5				X		X	1
Carmichael Av	51st Street	Canal 3-7 / HXR	528	8	2			X			X	1
Carmichael Av	51st Street	Canal 3-7 / RXR	528	4	2				X		X	1
Ashberry Dr.	47th Street	Seward Dr.	792	0	0			X			X	1
Ashberry Dr	47th Street	Seward Dr.	792	0	0				X		X	1
Ashberry Cir.	Seward Dr	Cul - De - Sac	264	0	0	X					X	1
Ashberry Cir.	Seward Dr	Cul - De - Sac	264	0	0		X				X	1
Seward Dr.	Seward Dr	Cul - De - Sac	528	0	0	X					X	1
Seward Dr	Seward Dr	Cul - De - Sac	528	0	0		X				X	1
Silver Maple Ct	Seward Dr	Cul - De - Sac	528	0	0	X					X	1
Silver Maple Ct	Seward Dr	Cul - De - Sac	528	0	0		X				X	1
Seward Dr	Shade Av	Cul - De - Sac	2,376	0	0			X			X	1
Seward Dr.	Shade av.	Cul - De - Sac	2,376	0	0				X		X	1
Shade av	Spring Oaks Ln	Cul - De - Sac	264	0	0	X					X	1
Shade Av	Spring Oaks Ln	Cul - De - Sac	264	0	0		X				X	1
Shade Av	Spring Oaks Cir	Cul - De - Sac	528	0	0	X					X	1
Shade Av	Spring Oaks Cir.	Cul - De - Sac	528	0	0		X				X	1
Shade Av	Spring Oaks Ct	Cul - De - Sac	264	0	0	X					X	1
Shade Av.	Spring Oaks Ct.	Cul - De - Sac	264	0	0		X				X	1
Shade Av.	Spring Oaks Way	Cul - De - Sac	264	0	0	X					X	1
Shade Av.	Spring Oaks Way	Cul - De - Sac	264	0	0		X				X	1
North Gate Bv.	North Washington Bv.	Cul - De - Sac	3,696	19	10	X					X	1
North Gate Bv	North Washington Bv.	Cul - De - Sac	3,696	20	12		X				X	1
Independence Bv.	North Gate Bv.	Cul - De - Sac	1,848	17	9	X					X	1
Independence Bv.	North Gate Bv	Cul - De - Sac	1,848	23	9		X				X	1
Independence Bv	Independence Bv.	Cul - De - Sac	1,848	15	7			X			X	1
Independence Bv	Independence Bv	Cul - De - Sac	1,848	13	7				X		X	1
Butler Av.	Myrtle Street	End Of Street North	1,320	6	3			X			X	1
Butler Av.	Myrtle Street	End Of Street North	1,320	0	0				X		X	1
Osprey Av.	57th Street	DeSoto Rd.	528	12	5			X			X	1

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Osprey Av	57th Street	DeSoto Rd	528	11	7				X		X	1
Osprey Av	Myrtle Av	North End Of Street	528	9	5			X			X	1
Osprey Av.	Myrtle Av	North End Of Street	528	8	4				X		X	1
Central Av.	Myrtle Street	46th Street	2,376	6	0			X			X	1
Central Av.	Myrtle Street	46th Street	2,376	6	5				X		X	1
Fruitville Rd	I-75	Tatum Rd.	2,112	0	0	X					X	4-20-21
Fruitville Rd.	I-75	Tatum Rd.	2,112	25	10		X				X	4-20-21
Fruitville Rd.	Tatum Rd.	Vic Edwards Rd	5,280	15	8	X					X	4-20-21
Fruitville Rd.	Tatum Rd.	Vic Edwards Rd	5,280	13	4		X				X	4-20-21
Fruitville Rd.	Vic Edwards Rd.	Shallow Run Rd.	16,368	15	12	X					X	4-20-21
Fruitville Rd	Vic Edwards Rd.	Shallow Run Rd.	15,840	13	9		X				X	4-20-21
Fruitville Rd.	Shallow Run Rd	Verna Rd.	11,088	11	7	X					X	4-20-21
Fruitville Rd	Shallow Run Rd	Verna Rd.	11,088	9	5		X				X	4-20-21
Dr. M. L. King Jr. Way	Lockwood Ridge Rd.	RXR / City Limits	6,864	12	10	X					X	1
Dr. M. L. King Jr. Way	Lockwood Ridge Rd	RXR / City Limits	6,864	11	9		X				X	1
Mango Av	Dr. M. L. King Jr. Way	19th Street	2,112	9	6			X			X	1
Mango Av.	Dr. M. L. King Jr. Way	19th Street	2,112	6	4				X		X	1
Mango Av.	19th Street	17th Street	528	6	5			X			X	1
Mango Av.	19th Street	17th Street	528	13	5				X		X	1
Colson Av.	Dr. M. L. King Jr. Way	22nd Street	1,300	6	2			X			X	1
Colson Av.	Dr. M. L. King Jr. Way	22nd Street	1,300	6	2				X		X	1
Snug Harbor Pl	17th Street	19th Street	528	5	3			X			X	1
Snug Harbor Pl	17th Street	19th Street	528	4	3				X		X	1
25th Street	Mango Av	Colson Av	264	0	0	X					X	1
25th Street	Mango Av	Colson Av	264	0	0		X				X	1
25th Street	Booker Av	Tuttle Av	1,848	7	5	X					X	1
25th Street	Booker Av	Tuttle Av	1,848	8	5		X				X	1
24th Street	Mango Av	Colson Av.	528	5	1	X					X	1
24th Street	Mango Av	Colson Av	528	4	4		X				X	1
24th Street	Booker Av.	Tuttle Av.	528	5	4	X					X	1
24th Street	Booker Av	Tuttle Av	528	5	3		X				X	1
23rd street	Mango Av	Colson Av.	528	6	2	X					X	1
23rd Street	Mango Av	Colson Av	528	4	2		X				X	1
23rd Street	Carol Dr	West End Of Street	264	0	0	X					X	1

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
23rd Street	Carol Dr.	West End Of Street	264	0	0		X				X	1
23rd Street	Euclid Av	90° West Of Chester Av	528	0	0	X					X	1
23rd Street	Euclid Av	90° West Of Chester Av	528	0	0		X				X	1
23rd Street	90° West Of Chester Av	Tuttle Av	728	0	0	X					X	1
23rd Street	90° West Of Chester Av	Tuttle Av	728	0	0		X				X	1
22nd Street	Mango Av	East End Of Street	528	6	4	X					X	1
22nd Street	Mango Av	East End Of Street	528	5	4		X				X	1
22nd Street	Euclid Av	West End Of Street	1,056	6	4	X					X	1
22nd Street	Euclid Av	West End Of Street	1,056	5	4		X				X	1
22nd Street	Euclid Av	Tuttle Av	1,320	5	3	X					X	1
22nd Street	Euclid Av	Tuttle Av	1,320	4	3		X				X	1
22nd Street	Tuttle Av	Chrysler Av	1,056	0	0	X					X	1
22nd Street	Tuttle Av	Chrysler Av	1,056	0	0		X				X	1
22nd Street	End East Of Leisure Pl	Chrysler Av	792	0	0	X					X	1
22nd Street	End East Of Leisure Pl	Chrysler Av	792	0	0		X				X	1
21st Street	Start Of Street East	Euclid Av	1,584	7	4	X					X	1
21st Street	Start Of Street East	Euclid Av	1,584	6	5		X				X	1
21st Street	Euclid Av	Tuttle Av	1,056	7	3	X					X	1
21st Street	Euclid Av	Tuttle Av	1,056	6	5		X				X	1
20th Street	Euclid Av	Tuttle Av	1,056	3	2	X					X	1
20th Street	Euclid Av	Tuttle Av	1,056	3	2		X				X	1
19th Street	Mango Av	Euclid Av	2,376	7	5	X					X	1
19th Street	Mango Av	Euclid Av	2,376	8	5		X				X	1
19th Street	Euclid Av	Chester Av	528	6	3	X					X	1
19th Street	Euclid Av	Chester Av	528	5	3		X				X	1
18th Street	Euclid Av	Chester Av	528	4	3	X					X	1
18th Street	Euclid Av	Chester Av	528	4	3		X				X	1
18th Street	Chester Av	Tuttle Av	528	5	4	X					X	1
18th Street	Chester Av	Tuttle Av	528	4	2		X				X	1
Chilk Av	3-7	Dr. M. L. King Jr. Way	528	8	5			X			X	1
Chilk Av	3-7	Dr. M. L. King Jr. Way	528	8	5				X		X	1
Chilk Av	22nd Street	24th Street	528	4	3			X			X	1
Chilk Av	22nd Street	24th Street	528	3	3				X		X	1
Chilk Av	2111 Chilk Av	19th Street	528	7	4			X			X	1

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Chilk Av	2111 Chilk Av	19th Street	528	8	4				X		X	1
Booker Av	Dr. M. L. King Jr. Way	24th Street	528	6	5			X			X	1
Booker Av	Dr. M. L. King Jr. Way	24th Street	528	5	4				X		X	1
Euclid Av	Dr. M. L. King Jr. Way	25th Street	264	8	4			X			X	1
Euclid Av	Dr. M. L. King Jr. Way	25th Street	264	7	3				X		X	1
Euclid Av	21st Street	17th Street	1,056	7	4			X			X	1
Euclid Av	21th Street	17th Street	1,056	8	5				X		X	1
Chester Street	Dr. M. L. King Jr. Way	24th Street	528	7	3			X			X	1
Chester Av	Dr. M. L. King Jr. Way	42th Street	528	5	4				X		X	1
Chester Av	24th Street	23rd Street	264	7	5			X			X	1
Chester Av	24th Street	23rd Street	264	6	3				X		X	1
Chester Av.	3-7	22nd Street	160	8	6			X			X	1
Chester Av.	3-7	22nd Street	160	0	0				X		X	1
Chester Av	22nd Street	19th Street	792	8	5			X			X	1
Chester Av	22nd Street	19th Street	792	7	3				X		X	1
Chester Av	19th Street	17th Street	528	8	5			X			X	1
Chester Av.	19th Street	17th Street	528	7	5				X		X	1
Brink Av	Lynnhurst Street	100' South Of Hillview Street	1,056	9	8			X			X	4
Brink Av	Lynnhurst Street	100' South Of Hillview Street	1,056	9	7				X		X	4
Russell Av	17th Street	Clifford Av	2,376	9	4			X			X	4
Russell Av	17th Street	Clifford Av.	2,376	10	7				X		X	4
Francis Av	Clifford Av.	17th Street	2,376	10	6			X			X	4
Francis Av	Clifford Av	17th Street	2,376	10	5				X		X	4
Clifford Av.	Francis Av.	Richardson Rd.	528	8	7			X			X	4
Clifford Av.	Francis Av	Richardson Rd	528	7	3				X		X	4
Willis Av	Richardson Rd.	End Of Pavement	1,584	9	7			X			X	4
Willis Av	Richardson Rd.	End Of Pavement	1,584	9	5				X		X	4
Stoeber Av	Richardson Rd.	Vereda Verde Cir	2,376	6	5			X			X	4
Stoeber Av	Richardson Rd	Vereda Verde Cir	2,376	8	5				X		X	4
17th Street	Deer Hollow Bv	Honore Av	2,640	7	3	X					X	4
17th Street	Deer Hollow Bv	Honore Av.	2,640	9	5		X				X	4
Richardson Rd	Tatum Rd	Coburn Rd	7,920	5	3	X					X	4
Richardson Rd	Tatum Rd	Coburn Rd	7,920	8	5		X				X	4
Richardson Rd.	Coburn Rd	I-75	1,320	8	5	X					X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE	NORTH DEPTH	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Richardson Rd	Coburn Rd	1-75	1,320	0	0			X			X	4
Richardson Rd	Brown Rd	Richardson Way	6,864	9	6		X				X	4
Richardson Rd	Brown Rd	Richardson Way	6,864	7	3			X			X	4
Richardson Way	Fruitville Rd	Richardson Rd.	1,056	7	3			X			X	4
Richardson Way	Fruitville Rd	Richardson Rd.	1,056	8	7				X		X	4
Richardson Way	Richardson Rd	10th Street	1,056	6	5			X			X	4
Richardson Way	Richardson Rd	10th Street	1,056	5	4				X		X	4
Avant Av	Fruitville Rd	6th Street	1,056	13	10			X			X	4
Avant Av	Fruitville Rd	6th Street	1,056	11	7				X		X	4
Houle Av.	10th Street	Fruitville Rd.	2,376	6	3			X			X	4
Houle Av	10th Street	Fruitville Rd.	2,376	5	3				X		X	4
Meldon Street	Richardson Way	Houle Av.	528	5	3		X				X	4
Meldon Street	Richardson Way	Houle Av.	528	4	3			X			X	4
Meldon Street	Houle Av.	200' West Of Howell Pl.	528	3	2		X				X	4
Meldon Street	Houle Av	200' West Of Howell Pl.	528	4	4			X			X	4
10th Street	Richardson Way	Simmons Av.	2,640	6	3		X				X	4
10th Street	Richardson Way	Simmons Av	2,640	7	4			X			X	4
8th Street	Simmons Av	Start West Of Street	528	8	4		X				X	4
8th Street	Simmons Av	Start West Of Street	528	6	4			X			X	4
Simmons Av	Fruitville Rd	10th Street	2,640	6	4			X			X	4
Simmons Av	Fruitville Rd.	10th Street	2,640	6	4				X		X	4
Coburn Rd	Fruitville Rd	Richardson Rd.	1,848	0	0			X			X	4
Coburn Rd	Fruitville Rd	Richardson Rd	1,848	0	0				X		X	4
Coburn Rd	Fruitville Rd	Interstate Bv	1,584	5	3			X			X	4
Coburn Rd	Fruitville Rd	Interstate Bv	1,584	0	0				X		X	4
Coburn Rd	Interstate Bv	Sawgrass Rd.	1,056	0	0			X			X	4
Coburn Rd	Interstate Bv.	Sawgrass Rd.	1,056	0	0				X		X	4
Coburn Rd	Sawgrass Rd	Palmer Bv.	2,112	0	0			X			X	4
Coburn Rd	Sawgrass Rd	Palmer Bv.	2,112	0	0				X		X	4
Apex Rd	Palmer Bv	Cul - De - Sac	3,168	9	5			X			X	4
Apex Rd	Palmer Bv	Cul - De - Sac	3,168	5	3				X		X	4
Hines Av	Hacienda Street	South Of Bimini Street	1,320	10	8			X			X	4
Hines Av	Hacienda Street	South Of Bimini Street	1,320	5	4				X		X	4
Kaufman Av.	Hacienda Street	Bahia Vista Street	792	8	3			X			X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Kaufman Av	Hacienda Street	Bahia Vista Street	792	4	4				X		X	4
Kaufman Av	Bahia Vista Street	Schrock Street	1,056	7	5			X			X	4
Kaufman Av	Bahia Vista Street	Schrock Street	1,056	6	4				X		X	4
Hacienda Street	Beneva Rd.	Kaufman Av	1,056	10	7	X					X	4
Hacienda Street	Beneva Rd	Kaufman Av.	1,056	0	0		X				X	4
Birky Street	Beneva Rd.	Kaufman Av	1,056	5	5	X					X	4
Birky Street	Beneva Rd	Kaufman Av.	1,056	7	5		X				X	4
Esirada Street	Beneva rd.	Kaufman Av	1,320	5	3	X					X	4
Esirada Street	Beneva Rd.	Kaufman Av	1,320	6	3		X				X	4
Clarinda Street	Beneva Rd.	Kaufman Av.	1,056	4	2	X					X	4
Clarinda Street	Beneva Rd	Kaufman Av.	1,056	5	2		X				X	4
Schrock Street	4-78	Kaufman Av	264	5	3	X					X	4
Schrock Street	4-78	Kaufman Av.	264	0	0		X				X	4
Bimini Street	Hines Av.	Kaufman Av	528	5	2	X					X	4
Bimini Street	Hines Av	Kaufman Av	528	4	2		X				X	4
Fry Street	Kaufman Av	Carter Av.	1,056	5	3	X					X	4
Fry Street	Kaufman Av	Carter Av	1,056	0	0		X				X	4
Yoder Av	Fry Street	Bahia Vista Street	528	4	2			X			X	4
Yoder Av	Fry Street	Bahia Vista Street	528	4	2				X		X	4
Miller Av	Bahia Vista Street	Start Of Street North	1,056	5	3			X			X	4
Miller Av.	Bahia Vista Street	Start Of Street North	1,056	5	4				X		X	4
Kruppa Av	Start Of Street North	Bahia Vista Street	1,056	4	2			X			X	4
Kruppa Av	Start Of Street North	Bahia Vista Street	1,056	0	0				X		X	4
Greer Dr.	Lockwood Ridge Rd	Gerhardt Street	792	3	2	X					X	4
Greer Dr	Lockwood Ridge Rd	Gerhardt Street	792	4	2		X				X	4
Gerhardt Street	Lockwood Ridge Rd	Greer Dr	528	3	2	X					X	4
Gerhardt Street	Lockwood Ridge Rd	Greer Dr.	528	3	2		X				X	4
Gerhardt Street	Greer Dr	Locklear Av.	1,584	4	2			X			X	4
Gerhardt Street	Greer Dr.	Locklear Av.	1,584	4	2				X		X	4
Searcy Av.	Gerhardt Street	Bay Street	264	5	3			X			X	4
Searcy Av	Gerhardt Street	Bay Street	264	6	3				X		X	4
Searcy Av.	Bay Street	North End Of Street	528	5	3			X			X	4
Searcy Av.	Bay Street	North End Of Street	528	6	3				X		X	4
Bay Street	Searcy Av.	Locklear Av.	1,056	3	1	X					X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE	NORTH	SOUTH	EAST	WEST	CITY	CO	BASIN
					DEPTH	SIDE	SIDE	SIDE	SIDE			
Bay Street	Searcy Av.	Locklear Av	1,056	4	3			X			X	4
Locklear Av	Cul - De - Sac	Gerhardt Street	800	5	3				X		X	4
Locklear Av	Cul - De - Sac	Gerhardt Street	800	4	2					X	X	4
Trotter Av	Gerhardt Street	Alderman Street	1,056	4	3			X			X	4
Trotter Av	Gerhardt Street	Alderman Street	1,056	4	2				X		X	4
Dean Av.	Bay Street	Alderman street	528	4	2			X			X	4
Dean Av	Bay Street	Alderman Street	528	3	2				X		X	4
Padgett Av	Bay Street	Gerhardt Street	528	4	3			X			X	4
Padgett Av	Bay Street	Gerhardt Street	528	4	2				X		X	4
Marko Street	Padgett Av	Trotter Av.	528	5	3	X					X	4
Marko Street	Padgett Av	Trotter Av.	528	3	2		X				X	4
Lynnhurst Street	Turtle Av	Brink Av.	1,056	5	3	X					X	4
Lynnhurst Street	Turtle Av	Brink Av.	1,056	5	3		X				X	4
Hawthorne Street	Turtle Av	Aloha Mobile Park	1,848	6	3	X					X	4
Hawthorne Street	Turtle Av	Aloha Mobile Park	1,848	5	3		X				X	4
Pattison Av	Arlington Street	Lynnhurst Street	528	5	3			X			X	4
Pattison Av	Arlington Street	Lynnhurst Street	528	6	3				X		X	4
Arlington Street	Turtle Av	East End Of Street	1,848	6	3	X					X	4
Arlington Street	Turtle Av	East End Of Street	1,848	4	3		X				X	4
Hillview Street	Turtle Av	East End Of Street	1,848	5	4	X					X	4
Hillview Street	Turtle Av	East End Of Street	1,848	4	2		X				X	4
Bunyan Street	South Of Camus Street	South Of Camus Street	2,640	4	3	X					X	4
Bunyan Street	South Of Camus Street	South Of Camus Street	2,640	5	3		X				X	4
Bunyan Way	Bunyan Street	Cul - De - Sac	264	4	2			X			X	4
Bunyan Way	Bunyan Street	Cul - De - Sac	264	5	3				X		X	4
Bunyan Pl	Bunyan Street	Cul - De - Sac	264	4	2			X			X	4
Bunyan Pl	Bunyan Street	Cul - De - Sac	264	4	3				X		X	4
Camus Street	Bunyan Street	Honore Av.	2,112	5	3	X					X	4
Camus Street	Bunyan Street	Honore Av.	2,112	5	3		X				X	4
Camus Way	Camus Street	175' South Of Camus Street	175	4	3			X			X	4
Camus Way	Camus Street	175' South Of Camus Street	175	4	2				X		X	4
Indian Mound Street	Honore Av	Indian Mound Street	3,168	4	2	X					X	4
Indian Mound Street	Honore Av	Indian Mound Street	3,168	4	2		X				X	4
Foxcroft Court	Indian Mound Street	Cul - De - Sac	1,056	8	5			X			X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE				CITY	CO	BASIN
					DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE			
Foxcroft Court	Indian Mound Street	Cut - De - Sac	1,056	8	4				X	X	4
Antoinette Street	Honore Av	Hancock Av	2,640	5	3	X				X	4
Antoinette Street	Honore Av	Hancock Av	2,640	4	3		X			X	4
Ray Pl	Antoinette Street	West Sawgrass Rd	264	3	2			X		X	4
Ray Pl	Antoinette Street	West Sawgrass Rd	264	2	2				X	X	4
West Sawgrass Rd	Honore Av	Hancock Av	2,376	5	3	X				X	4
West Sawgrass Rd	Honore Av	Hancock Av	2,376	7	4		X			X	4
West Sawgrass Rd	Catarzi Way East	Cattlemen Rd	264	0	0	X				X	4
West Sawgrass Rd	Catarzi Way East	Cattlemen Rd	264	12	5		X			X	4
East Sawgrass Rd	Bell Rd	Apex Rd	1,584	15	8	X				X	4
East Sawgrass Rd	Bell Rd	Apex Rd	1,584	10	7		X			X	4
East Sawgrass Rd	Apex Rd	Center Rd	3,168	15	8	X				X	4
East Sawgrass Rd	Apex Rd	Center Rd	3,168	6-136	6-136		X			X	4
Center Rd	East Sawgrass Rd	Palmer Av	2,112	10	6			X		X	4
Center Rd	East Sawgrass Rd	Palmer Bv	2,112	12	5				X	X	4
Potter Street	Honore Av	Ponder Av	1,320	4	2	X				X	4
Potter Street	Honore Av	Ponder Av	1,320	4	2		X			X	4
Dorsay Street	Honore Av	Ponder Av	1,056	4	2	X				X	4
Dorsay Street	Honore Av	Ponder Av	1,056	4	2		X			X	4
Kensington Street	Honore Av	Arcadia Av	1,056	4	3	X				X	4
Kensington Street	Honore Av	Arcadia Av	1,056	5	2		X			X	4
Kensington Street	Ponder Av	Hancock Av	792	4	3	X				X	4
Kensington Street	Ponder Av	Hancock Av	792	4	2		X			X	4
Arcadia Av	Kensington Street	Palmer Bv	528	4	2			X		X	4
Arcadia Av	Kensington Street	Palmer Bv	528	4	2				X	X	4
Alhona Street	Arcadia Av	Palmer Bv	1,056	3	1	X				X	4
Alhona Street	Arcadia Av	Palmer Bv	1,056	4	2		X			X	4
Adrian Street	Palmer Bv	Potter Street	1,056	4	2			X		X	4
Adrian Street	Palmer Bv	Potter Street	1,056	0	0				X	X	4
Palmer Bv	Honore Av	Cattlemen Rd	4,224	0	0	X				X	4
Palmer Bv	Honore Av	Cattlemen Rd	4,224	6	3		X			X	4
Palmer Bv	Cattlemen Rd	Porter Rd	1,056	0	0	X				X	4
Palmer Bv	Cattlemen Rd	Porter Rd	1,056	10	4		X			X	4
Palmer Bv	Porter Rd	Center Rd	4,752	14	5	X				X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE NORTH SOUTH EAST WEST					CITY	CO	BASIN
					DEPTH	SIDE	SIDE	SIDE	SIDE			
Palmer Bv.	Porter Rd	Center Rd.	4,752	20	6		X				X	4
Palmer Bv.	Center Rd	Tatum Rd	3,696	15	5	X					X	4
Palmer Bv.	Center Rd	Tatum Rd.	3,696	22	7		X				X	4
Palmer Bv.	Tatum Rd	Iona Rd.	10,032	12	6	X					X	4
Palmer Bv.	Tatum Rd	Iona Rd	10,032	22	8		X				X	4
Bell Rd	Palmer Bv.	East Sawgrass Rd	1,584	0	0			X			X	4
Bell Rd	Palmer Bv.	East Sawgrass Rd.	1,584	14	7				X		X	4
Rim Rd	Palmer Bv.	Tatum Rd	3,960	4	3	X					X	4
Rim Rd.	Palmer Bv.	Tatum Rd	3,960	4	2		X				X	4
Tatum Rd.	Rim Rd. / Campbell Rd	Fruitville Rd	3,696	13	6			X			X	4
Tatum Rd	Rim Rd. / Campbell Rd	Fruitville Rd	3,696	10	4				X		X	4
Tatum Rd	Fruitville Rd	Richardson Rd.	1,584	11	9			X			X	4
Tatum Rd.	Fruitville Rd	Richardson Rd.	1,584	9	5				X		X	4
East Rd	Rim Rd	Fruitville Rd.	4,752	8	5			X			X	4
East Rd	Rim Rd	Fruitville Rd.	4,752	7	4				X		X	4
Shannon Rd	Fruitville Rd	Start Of Road	1,320	6	4			X			X	4
Shannon Rd	Fruitville Rd	Start Of Road	1,320	6	4				X		X	4
Jaki Av	Palmer Bv.	North End Of Pavement	264	3	2			X			X	4
Jaki Av	Palmer Bv.	North End Of Pavement	264	3	2				X		X	4
Coleman Av	Palmer Bv.	North End Of Street	528	6	4			X			X	4
Coleman Av	Palmer Bv.	North End Of Street	528	5	4				X		X	4
Bacon Av	Bahia Vista Street	North End Of Street	528	4	3			X			X	4
Bacon Av	Bahia Vista Street	North End Of Street	528	4	3				X		X	4
Bacon Av.	Palmer Bv.	North End Of Street	528	5	2			X			X	4
Bacon Av.	Palmer Bv.	North End Of Street	528	5	3				X		X	4
Gantt Av	Bahia Vista Street	North End Of Street	792	5	3			X			X	4
Gantt Av.	Bahia Vista Street	North End Of Street	792	5	4				X		X	4
Gantt Av.	Palmer Bv.	North End Of Street	1,056	0	0			X			X	4
Gantt Av	Palmer Bv.	North End Of Street	1,056	4-19	4-19				X		X	4
Hancock Av	Bahia Vista Street	Alta Vista Street	528	4	3			X			X	4
Hancock Av	Bahia Vista Street	Alta Vista Street	528	4	2				X		X	4
Hancock Av	Palmer Bv.	North End Of Pavement	792	4	2			X			X	4
Hancock Av.	Palmer Bv.	North End Of Pavement	792	7	3				X		X	4
Hancock Av	West Sawgrass Rd	Antoinette Street	264	3	2			X			X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Hancock Av	West Sawgrass Rd.	Antoinette Street	264	5	2				X		X	4
Albritton Av	Bahia Vista Street	North End Of Street	792	4	3			X			X	4
Albritton Av	Bahia Vista Street	North End Of Street	792	0	0				X		X	4
Albritton Av	Palmer Bv	West Sawgrass Rd.	1,848	6	3			X			X	4
Albritton Av	Palmer Bv	West Sawgrass Rd	1,848	6	4				X		X	4
Hand Av.	Bahia Vista Street	North End Of Street	792	5	3			X			X	4
Hand Av	Bahia Vista Street	North End Of Street	792	0	0				X		X	4
Hand Av.	Palmer Bv	West Sawgrass Rd	1,848	4	2			X			X	4
Hand Av	Palmer Bv	West Sawgrass Rd	1,848	4	2				X		X	4
Ponder Av	West Sawgrass Rd	Palmer Bv.	1,848	6	3			X			X	4
Ponder Av	West Sawgrass Rd	Palmer Bv.	1,848	6	3				X		X	4
Ponder Av.	Bahia Vista Street	Palmer Bv	1,056	7	2			X			X	4
Ponder Av.	Bahia Vista Street	Palmer Bv.	1,056	5	3				X		X	4
Raymond Rd	Palmer Bv	Porter Rd	4,224	14	6			X			X	4
Raymond Rd	Palmer Bv	Porter Rd	4,224	17	6				X		X	4
Porter Rd.	West Leewynn Dr.	Sylvan Lea Dr	1,056	9	4	X					X	4
Porter Rd.	West Leewynn Dr	Sylvan Lea Dr	1,056	0	0		X				X	4
Porter Rd	Sylvan Lea Dr	Raymond Rd.	1,056	0	0	X					X	4
Porter Rd.	Sylvan Lea Dr.	Raymond Rd.	1,056	0	0		X				X	4
Porter Rd.	Raymond Rd	6-119	2,112	0	0	X					X	4
Porter Rd.	Raymond Rd	6-119	2,112	17	6		X				X	4
Porter Rd	6-119	Palmer Bv.	4,752	0	0			X			X	4
Porter Rd	6-119	Palmer Bv.	4,752	17	6				X		X	4
De Breen Rd	Fruitville Rd.	Palmer Bv	7,392	12	3			X			X	4
De Breen Rd.	Fruitville Rd	Palmer Bv	7,392	9	4				X		X	4
Shilo Rd	De Breen Rd	Kennedy Ln	1,584	8	4			X			X	4
Shilo Rd.	De Breen Rd.	Kennedy Ln	1,584	5	2				X		X	4
Kennedy Ln	Shilo Rd	Tatum Rd.	2,640	0	0	X					X	4
Kennedy Ln.	Shilo Rd	Tatum Rd.	2,640	0	0		X				X	4
Webber Rd	Sunbeam Dr	Mira Loda Dr.	264	5	2	X					X	4
Webber Rd	Sunbeam Dr	Mira Loda Dr.	264	4	2		X				X	4
Webber Rd	Palmer Bv	East End of Pavement	1,056	0	0	X					X	4
Webber Rd	Palmer Bv	East End Of Pavement	1,056	10	5		X				X	4
Cattlemen Rd.	Fruitville Rd	Dee Ridge Rd.	14,784	10	5			X			X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	DEPTH	SLOPE NORTH SIDE	SLOPE SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Cattlemen Rd	Fruitville Rd.	Bee Ridge Rd	14,784	18	7				X		X	4
Cattlemen Rd.	Bee Ridge Rd	Proctor Rd.	5,280	8	3			X			X	4
Cattlemen Rd	Bee Ridge Rd	Proctor Rd.	5,280	0	0				X		X	4
Niobe Rd	Palmer Bv	North Leewynn dr	2,376	19	8			X			X	4
Niobe Rd	Palmer Bv	North Leewynn Dr	2,376	13	6				X		X	4
Myakka Rd	Fruitville Rd / Verna Rd	Clay Gully Rd. / Manatee Co.	19,536	20	10			X			X	4
Myakka Rd.	Fruitville Rd / Verna Rd.	Clay Gully Rd. / Manatee Co	19,536	9	5				X		X	4
Sarasota Golf Club Bv	Bee Ridge Rd	Shadow Oaks Bv.	5,280	9	4			X			X	4
Sarasota Golf Club Bv.	Bee Ridge Rd	Shadow Oaks Bv	5,280	7	3				X		X	4
Mc Kown Rd	Sarasota Golf Club Bv	End Of Pavement	1,584	6	6	X					X	4
Mc Kown Rd.	Sarasota Golf Club Bv	End Of Pavement	1,584	7	6		X				X	4
Leewynn Pl	Shadow Oaks Rd	Leewynn Dr. South	792	14	8	X					X	4
Leewynn Pl.	Shadow Oaks Rd	Leewynn Dr. South	792	0	0		X				X	4
West Leewynn Dr	South Leewynn Dr	North Leewynn Dr.	3,168	6				X			X	4
West Leewynn Dr	South Leewynn Dr	North Leewynn Dr	3,168	8	3				X		X	4
North Leewynn Dr	West Leewynn Dr	South Leewynn Dr.	8,336	6	4	X					X	4
North Leewynn Dr	West Leewynn Dr	South Leewynn Dr	8,336	7	3		X				X	4
South Leewynn Dr	North Leewynn dr	West Leewynn Dr	6,864	7	2	X					X	4
South Leewynn Dr	North Leewynn Dr.	West Leewynn Dr.	6,864	7	5		X				X	4
Rolling Green Cir	South Leewynn Dr.	South Leewynn Dr.	3,432	7	3			X			X	4
Rolling Green Cir	South Leewynn Dr	South Leewynn Dr.	3,432	9	3				X		X	4
Par Pl	South Leewynn Dr.	Cul - De - Sac	1,584	13	3			X			X	4
Par Pl	South Leewynn Dr	Cul - De - Sac	1,584	6	3				X		X	4
East Leewynn Dr	South Leewynn Dr.	North Leewynn Dr.	2,640	10	2			X			X	4
East Leewynn Dr	South Leewynn Dr	North Leewynn Dr.	2,640	12	2				X		X	4
North Leewynn Ct	North Leewynn Dr	Cul - De - Sac	264	0	0			X			X	4
North Leewynn Ct	North Leewynn Dr	Cul - De - Sac	264	5	2				X		X	4
North Leewynn Way	North Leewynn Dr	Cul - De - Sac	264	0	0			X			X	4
North Leewynn Way	North Leewynn Dr	Cul - De - Sac	264	0	0				X		X	4
Aberdeen Dr.	Bee Ridge Rd	Sunbeam Dr.	1,848	5	3			X			X	4
Aberdeen Dr	Bee Ridge Rd	Sunbeam Dr.	1,848	4	2				X		X	4
Sunbeam Dr	Aberdeen Dr.	South Of Rollins Pond Way	1,056	4	2			X			X	4
Sunbeam Dr	Aberdeen Dr.	South Of Rollins Pond Way	1,056	4	2				X		X	4
Wake Av.	Bee Ridge Rd.	Cul - De - Sac	792	6	3			X			X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Wake Av	Bee Ridge Rd.	Cul - De - Sac	792	6	3				X		X	4
Kosten Pl.	Hagen Ln	Cul - De - Sac	528	0	0			X			X	4
Kosten Pl	Hagen Ln	Cul - De - Sac	528	0	0				X		X	4
Hagen Ln	Wake Av	Kosten Pl.	528	0	0	X					X	4
Hagen Ln	Wake Av	Kosten Pl	528	4	2		X				X	4
Rio Vista Street	Honore Av	Arcadia Av.	1,056	12	5	X					X	4
Rio Vista Street	Honore Av	Arcadia Av	1,056	12	4		X				X	4
Linwood Street	Greendale Dr	Fairfield Dr	792	5	2	X					X	4
Linwood Street	Greendale Dr	Fairfield Dr	792	9	6		X				X	4
Linwood Street	Fairfield Dr	McIntosh Rd	1,584	5	2	X					X	4
Linwood Street	Fairfield Dr	McIntosh Rd	1,584	9	5		X				X	4
Linwood Street	McIntosh Rd	Vinson Av	3,904	7	6	X					X	4
Linwood Street	McIntosh Rd	Vinson Av.	3,904	7	3		X				X	4
Linwood Street	Vinson Av	Gold Trees Way	1,056	0	0	X					X	4
Linwood Street	Vinson Av.	Gold Trees Way	1,056	0	0		X				X	4
Vinson Av	Linwood Street	Webber Street	2,376	8	5			X			X	4
Vinson Av	Linwood Street	Webber Street	2,376	6	5				X		X	4
Vinson Av	Webber Street	Beacon Dr	1,584	8	3			X			X	4
Vinson Av	Webber Street	Beacon Dr	1,584	6	3				X		X	4
Stratford Dr	Webber Street	Linwood Street	3,904	6	4			X			X	4
Stratford Dr	Webber Street	Linwood Street	3,904	6	3				X		X	4
Vinson Way	Vinson Av	Stratford Dr	528	6	2	X					X	4
Vinson Way	Vinson Av	Stratford Dr.	528	6	3		X				X	4
Kerry Ln	Stratford Dr	Vinson Av	264	5	3	X					X	4
Kerry Ln	Stratford Dr.	Vinson Av.	264	5	2		X				X	4
Amanda Dr	Linwood Street	Longford Dr.	1,056	8	7			X			X	4
Amanda Dr	Linwood Street	Longford Dr.	1,056	8	4				X		X	4
Amanda Dr.	Longford Dr	Webber Street	1,320	8	5			X			X	4
Amanda Dr.	Longford Dr	Webber Street	1,320	8	4				X		X	4
Teal Av.	Webber Street	Ardale Street	1,320	6	5			X			X	4
Teal Av	Webber Street	Ardale Street	1,320	6	4				X		X	4
Teal Av	Ardale Street	Linwood Av	1,056	6	4			X			X	4
Teal Av	Ardale Street	Linwood Av.	1,056	6	4				X		X	4
Teal Av	Webber Street	Brookside Dr	2,112	6	4			X			X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE				CITY	CO	BASIN
					DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE		
Teal Av	Webber Street	Brookside Dr	2,112	6	3				X	X	4
Teal Av	Brookside Dr	Beacon Dr	528	6	2			X		X	4
Teal Av	Brookside Dr	Beacon Dr	528	5	2				X	X	4
Gateway Dr.	Ardale Street	Teal Av	1,056	3	2	X				X	4
Gateway Dr	Ardale Street	Teal Av	1,056	5	3		X			X	4
Linwood Way	Gateway Dr	Linwood Street	528	5	4			X		X	4
Linwood Way	Gateway Dr	Linwood Street	528	5	2				X	X	4
Longford Dr	Teal Av	Ardale Street	792	5	2	X				X	4
Longford Dr	Teal Av	Ardale Street	792	4	3		X			X	4
Longford Dr	Ardale Street	Amanda Dr.	264	5	2	X				X	4
Longford Dr	Ardale Street	Amanda Dr.	264	4	3		X			X	4
Longford Dr.	Amanda Street	Stratford Dr.	264	3	2	X				X	4
Longford Dr	Amanda Dr	Stratford Dr.	264	3	3		X			X	4
Ferris Ln.	Longford Dr	Teal Av.	528	8	3			X		X	4
Ferris Ln	Longford Dr	Teal Av.	528	4	3				X	X	4
Dennis Ln.	Teal Av	Amanda Dr.	528	5	3	X				X	4
Dennis Ln.	Teal Av	Amanda Dr.	528	6	3		X			X	4
Amanda Way	Amanda Dr	Teal Av.	264	4	3	X				X	4
Amanda Way	Amanda Dr	Teal Av.	264	0	0		X			X	4
Beacon Dr	McIntosh Rd	Vinson Av.	3,168	7	4	X				X	4
Beacon Dr	McIntosh Rd	Vinson Av.	3,168	9	4		X			X	4
Brookside Dr	Vinson Av.	McIntosh Rd.	3,432	5	3	X				X	4
Brookside Dr.	Vinson Av	McIntosh Rd.	3,432	5	2		X			X	4
Spahn Street	Vinson Av	Avery Av.	1,056	6	2	X				X	4
Spahn Street	Vinson Av	Avery Av.	1,056	5	1		X			X	4
Spahn Street	Teal Av	Savoy Dr	1,056	8	4	X				X	4
Spahn Street	Teal Av	Savoy Dr	1,056	8	3		X			X	4
Savoy Dr	Brookside Dr	Webber Street	792	6	2			X		X	4
Savoy Dr	Brookside Dr	Webber Street	792	7	2				X	X	4
Arch Dr	Brookside Dr	Spahn Street	1,056	3	2			X		X	4
Arch Dr	Brookside Dr	Spahn Street	1,056	5	3				X	X	4
Palto Dr	Spahn Street	Salem Av.	1,320	8	1	X				X	4
Palto Dr	Spahn Street	Salem Av.	1,320	7	3		X			X	4
Salem Av.	Brookside Dr	Spahn Street	1,584	4	3			X		X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Salem Av	Brooksdale Dr	Spain Street	1,584	4	3				X		X	4
Teal Way	Salem Av	Teal Av	264	4	3	X					X	4
Teal Way	Salem Av	Teal Av	264	0	0			X			X	4
Avery Av	Webber Street	Brooksdale Dr	528	5	3			X			X	4
Avery Av	Webber Street	Brooksdale Dr	528	5	4				X		X	4
Vesper Av	Beacon Dr	Brooksdale Dr	792	10	2			X			X	4
Vesper Av	Beacon Dr	Brooksdale Dr	792	10	3				X		X	4
Baldwin Av	Beacon Dr	Brooksdale Dr	792	5	3			X			X	4
Baldwin Av	Beacon Dr	Brooksdale Dr	792	5	2				X		X	4
Wilder Av	Beacon Dr	Brooksdale Dr	792	5	2			X			X	4
Wilder Av	Beacon Dr	Brooksdale Dr	792	7	5				X		X	4
Betty Dr	McIntosh Rd	McIntosh Rd	1,320	5	3			X			X	4
Betty Dr	McIntosh Rd	McIntosh Rd	1,320	5	3				X		X	4
Webber Street	North Tamiami Trail	City Limits	1,056	0	0	X					X	4
Webber Street	North Tamiami Trail	City Limits	1,056	0	0			X			X	4
Webber Street	City Limits	Jefferson Av	1,848	0	0	X					X	4
Webber Street	City Limits	Jefferson Av	1,848	0	0			X			X	4
Webber Street	Jefferson Av	Brink Av	2,640	0	0	X					X	4
Webber Street	Jefferson Av	Brink Av	2,640	0	0			X			X	4
Webber Street	Brink Av	Lockwood Ridge Rd	1,584	0	0	X					X	4
Webber Street	Brink Av	Lockwood Ridge Rd	1,584	0	0			X			X	4
Webber Street	Lockwood Ridge Rd	Beneva Rd	2,640	0	0	X					X	4
Webber Street	Lockwood Ridge Rd	Beneva Rd	2,640	0	0			X			X	4
Webber Street	Beneva Rd	McIntosh Rd	4,752	0	0	X					X	4
Webber Street	Beneva Rd	McIntosh Rd	4,752	0	0			X			X	4
Webber Street	McIntosh Rd	Java Plum Av	3,168	4	2	X					X	4
Webber Street	McIntosh Rd	Java Plum Av	3,168	5	2			X			X	4
Webber Street	Java Plum Av	Linwood Dr	1,056	0	0	X					X	4
Webber Street	Java Plum Av	Linwood Dr	1,056	0	0			X			X	4
Webber Street	Linwood Dr	Silk Oak Dr	264	0	0	X					X	4
Webber Street	Linwood Dr	Silk Oak Dr	264	0	0			X			X	4
Webber Street	Silk Oak Dr	Lalani Bv	264	0	0	X					X	4
Webber Street	Silk Oak Dr	Lalani Bv	264	0	0			X			X	4
McIntosh Rd	Start West Of Dunbar	Piper Place	2,640	9	3	X					X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE	NORTH	SOUTH	EAST	WEST	CITY	CO	BASIN
					DEPTH	SIDE	SIDE	SIDE	SIDE			
McIntosh Rd.	Start West Of Dunbar	Piper Place	2,640	10	3		X				X	4
Parnell Dr	McIntosh Rd	Busti Dr.	528	6	4			X			X	4
Parnell Dr.	McIntosh Rd.	Busti Dr.	528	12	4				X		X	4
Parnell Dr	Busti Dr	Yawkey Av.	2,112	6	5			X			X	4
Parnell Dr	Busti Dr	Yawkey Av.	2,112	12	5				X		X	4
Yawkey Av	Busti Way	Parnell Dr.	528	7	3			X			X	4
Yawkey Av	Busti Way	Parnell Dr.	528	4	2				X		X	4
Cronin Dr	Yawkey Av	Busti Dr.	1,056	6	3	X					X	4
Cronin Dr	Yawkey Av	Busti Dr.	1,056	4	3		X				X	4
Fenway Dr.	Busti Dr.	Parnell Dr	792	6	2	X					X	4
Fenway Dr.	Busti Dr	Parnell Dr	792	6	3		X				X	4
Barton Dr	McIntosh Rd	Bond Place	1,056	6	4	X					X	4
Barton Dr	McIntosh Rd	Bond Place	1,056	5	3		X				X	4
Bond Place	Bee Ridge Rd	Busti Dr / Busti Way	792	7	3			X			X	4
Bond Place	Bee Ridge Rd	Busti Dr. / Busti Way	792	7	4				X		X	4
Busti Dr.	Parnell Dr	Fenway Dr.	528	3	3	X					X	4
Busti Dr	Parnell Dr	Fenway Dr.	528	5	3		X				X	4
Busti Dr	Fenway Dr	Bond Place	528	7	3	X					X	4
Busti Dr	Fenway Dr.	Bond Place	528	5	3		X				X	4
Busti Way	Bond Place	Yawkey Av.	1,056	0	0			X			X	4
Busti Way	Bond Place	Yawkey Av.	1,056	0	0				X		X	4
Piper Place	McIntosh Rd	Busti Way	528	0	0			X			X	4
Piper Place	McIntosh Rd	Busti Way	528	4	2				X		X	4
Upton Av	Linwood Street	Alton Way	792	4	3			X			X	4
Upton Av	Linwood Street	Alton Way	792	4	3				X		X	4
Alton Way	McIntosh Rd	Cambridge Dr	264	4	3	X					X	4
Alton Way	McIntosh Rd	Cambridge Dr.	264	5	3		X				X	4
Utica Dr.	Linwood Street	Cambridge Dr.	528	4	3			X			X	4
Utica Dr	Linwood Street	Cambridge Dr.	528	4	3				X		X	4
Prescott Street	Fairfield Av	Utica Dr	1,056	4	4	X					X	4
Prescott Street	Fairfield Av	Utica Dr.	1,056	4	2		X				X	4
Cambridge Dr	Tem Street	Webber Street	1,056	3	3			X			X	4
Cambridge Dr.	Tem Street	Webber Street	1,056	2	4				X		X	4
Cambridge Dr	Tem Street	Winthrop Street	1,056	4	3			X			X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Cambridge Dr	Tern Street	Winthrop Street	1,056	4	2				X		X	4
Cambridge Dr	Webber Street	Mystic Dr.	2,376	3	3			X			X	4
Cambridge Dr	Webber Street	Mystic Dr.	2,376	4	2				X		X	4
Cambridge Dr	Mystic Dr.	Fairfield Av.	528	3	3			X			X	4
Cambridge Dr	Mystic Dr.	Fairfield Av.	528	3	2				X		X	4
Fairfield Av.	Linwood Street	Arden Dr.	1,056	2	2			X			X	4
Fairfield Av	Linwood Street	Arden Dr.	1,056	3	2				X		X	4
Arden Dr	Fairfield Av	Mystic Dr.	350	0	0	X					X	4
Arden Dr	Fairfield Av	Mystic Dr.	350	4	2		X				X	4
Mystic Dr	Arden Dr	Cambridge Dr	792	4	2			X			X	4
Mystic Dr	Arden Dr	Cambridge Dr	792	4	2				X		X	4
Barry Way	Fairfield Av	Mystic Dr.	528	4	2	X					X	4
Barry Way	Fairfield Av	Mystic Dr.	528	5	2		X				X	4
Arden Dr.	Linwood Street	South Of Break Ln	792	3	3			X			X	4
Arden Dr.	Linwood Street	South Of Break Ln.	792	2	2				X		X	4
Break Ln	Arden Dr	Greendale Dr	528	0	0	X					X	4
Break Ln.	Arden Dr	Greendale Dr.	528	0	0		X				X	4
Greendale Dr	Break Ln	Linwood Street	792	0	0			X			X	4
Greendale Dr	Break Ln	Linwood Street	792	3	2				X		X	4
Corona Ln.	Greendale Dr.	Arden Dr.	528	3	3	X					X	4
Corona Ln.	Greendale Dr	Arden Dr	528	3	3		X				X	4
Calvin Ln.	Arden Dr	Greendale Dr	528	0	0	X					X	4
Calvin Ln.	Arden Dr.	Greendale Dr	528	2	3		X				X	4
Wells Av.	Webber Street	South Of Ardale Street	1,056	0	0			X			X	4
Wells Av.	Webber Street	South Of Ardale Street	1,056	0	0				X		X	4
Wells Av	South Of Ardale Street	North Of Ardale Street	100	4	3			X			X	4
Wells Av.	South Of Ardale Street	North Of Ardale Street	100	4	2				X		X	4
Wells Av.	Start Of Street	Linwood Street	792	5	3			X			X	4
Wells Av	Start Of Street	Linwood Street	792	4	3				X		X	4
Ardale Street	McIntosh Rd.	Wells Av.	264	4	3	X					X	4
Ardale Street	McIntosh Rd	Wells Av	264	5	2		X				X	4
Chardon Way	Cambridge Dr	McIntosh Rd	264	4	2	X					X	4
Chardon Way	Cambridge Dr	McIntosh Rd	264	4	3		X				X	4
Alma Way	Cambridge Dr.	McIntosh Rd.	264	6	3	X					X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Alma Way	Cambridge Dr	McIntosh Rd.	264	6	3		X				X	4
Neva Way	Cambridge Dr	McIntosh Rd.	264	4	2	X					X	4
Neva Way	Cambridge Dr	McIntosh Rd.	264	4	3		X				X	4
Ruth Way	Cambridge Dr	McIntosh Rd.	264	5	2	X					X	4
Ruth Way	Cambridge Dr	McIntosh Rd.	264	5	2		X				X	4
Sharon Way	Cambridge Dr.	McIntosh Rd.	264	5	2	X					X	4
Sharon Way	Cambridge Dr	McIntosh Rd.	264	5	2		X				X	4
Webber Pl	North Of Webber Street	Cul - De - Sac	792	4	3			X			X	4
Webber Pl	North Of Webber Street	Cul - De - Sac	792	4	2				X		X	4
Webber Pl.	South Of Webber Street	Cul - De - Sac	792	0	0			X			X	4
Webber Pl.	South Of Webber Street	Cul - De - Sac	792	0	0				X		X	4
Sweetland Av	Webber Street	Hibiscus Street / Ingram Av	1,320	6	2			X			X	4
Sweetland Av.	Webber Street	Hibiscus Street / Ingram Av.	1,320	5	2				X		X	4
Ingram Av.	Sweetland Av	Bahia Vista Street	3,960	5	4			X			X	4
Ingram Av	Sweetland Av	Bahia Vista Street	3,960	5	4				X		X	4
Hibiscus Street	Huntington Av	Sweetland Av. / Ingram Av.	528	0	0	X					X	4
Hibiscus Street	Huntington Av	Sweetland Av. / Ingram Av.	528	3	3		X				X	4
Robinson Av.	Webber Street	North End Of Street	2,370	5	3			X			X	4
Robinson Av.	Webber Street	North End of Street	2,370	5	2				X		X	4
Wisteria Av	Huntington Av	Robinson Av.	264	0	0	X					X	4
Wisteria Av	Huntington Av	Robinson Av.	264	8	4		X				X	4
Huntington Av	Webber Street	Hibiscus Street	1,320	7	4			X			X	4
Huntington Av	Webber Street	Hibiscus Street	1,320	4	3				X		X	4
East Forest Lake Dr	Webber Street	Forest Lake Dr	4,224	4	2			X			X	4
East Forest Lake Dr	Webber Street	Forest Lake Dr.	4,224	4	3				X		X	4
Pony Ln	East Forest Lake Dr	East Forest Lake Dr	1,584	4	3			X			X	4
Pony Ln	East Forest Lake Dr	East Forest Lake Dr	1,584	5	3				X		X	4
West Forest Lake Dr	Forest Lake Dr	East Forest Lake Dr	3,904	5	2			X			X	4
West Forest Lake Dr	Forest Lake Dr	East Forest Lake Dr.	3,904	6	2				X		X	4
West Forest Lake Cir	West Forest Lake Dr	West Forest Lake Dr	792	4	3			X			X	4
West Forest Lake Cir	West Forest Lake Dr	West Forest Lake Dr	792	3	2				X		X	4
West Mark Dr	Webber Street	South Mark Dr	528	4	2			X			X	4
West Mark Dr	Webber Street	South Mark Dr	528	4	2				X		X	4
South Mark Dr	West Mark Dr	East Mark Dr.	264	4	2	X					X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
South Mark Dr	West Mark Dr.	East Mark Dr.	264	4	2			X			X	4
East Mark Dr.	South Mark Dr	Webber Street	528	4	2			X			X	4
East Mark Dr.	South Mark Dr	Webber Street	528	4	2				X		X	4
Tem Street	McIntosh Rd	Corey Rd.	1,056	4	2	X					X	4
Tem Street	McIntosh Rd	Corey Rd	1,056	7	5		X				X	4
Tem Street	Corey Rd	Linden Dr	792	3	2	X					X	4
Tem Street	Corey Rd	Linden Dr	792	0	0		X				X	4
Dunbar Dr.	McIntosh Ln.	Tem Street	2,112	4	4			X			X	4
Dunbar Dr.	McIntosh Rd	Tem Street	2,112	5	2				X		X	4
Ann Way	Cambridge Dr.	McIntosh Rd.	264	3	2	X					X	4
Ann Way	Cambridge Dr.	McIntosh Rd.	264	3	2		X				X	4
Patty Way	Cambridge Dr.	McIntosh Rd.	264	4	3	X					X	4
Patty Way	Cambridge Dr.	McIntosh Rd.	264	5	2		X				X	4
Jean Way	Cambridge Dr	McIntosh Rd.	264	4	3	X					X	4
Jean Way	Cambridge Dr.	McIntosh Rd.	264	4	2		X				X	4
Belmont Bv	Bee Ridge Rd	Winthrop Street	1,056	6	4			X			X	4
Belmont Bv	Bee Ridge Rd	Winthrop Street	1,056	4	2				X		X	4
Belmont Bv	Tem Street	Winthrop Street	1,056	6	4			X			X	4
Belmont Bv	Tem Street	Winthrop Street	1,056	4	3				X		X	4
Corey Rd.	Winthrop Street	Tem Street	1,056	4	2			X			X	4
Corey Rd.	Winthrop Street	Tem Street	1,056	4	3				X		X	4
Hart Way	Tem Street	Fleet Ln.	264	0	0			X			X	4
Hart Way	Tem Street	Fleet Ln.	264	0	0				X		X	4
Cary Way	Fleet Ln.	Tem Street	264	3	2			X			X	4
Cary Way	Fleet Ln.	Tem Street	264	0	0				X		X	4
Linden Dr.	Tem Street	Winthrop Street	1,056	4	2			X			X	4
Linden Dr.	Tem Street	Winthrop Street	1,056	4	2				X		X	4
Dyer Ln	Linden Dr	Corey Rd.	528	4	3	X					X	4
Dyer Ln	Linden Dr.	Corey Rd.	528	4	2		X				X	4
Fleet Ln.	Linden Dr	Corey Rd.	528	4	2	X					X	4
Fleet Ln	Linden Dr.	Corey Rd.	528	5	3		X				X	4
Larkin Street	Belmont Bv.	Dunbar Dr.	792	4	2	X					X	4
Larkin Street	Belmont Bv	Dunbar Dr.	792	6	2		X				X	4
Baurd Street	Alden Way	Dunbar Dr.	528	5	3	X					X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
David Street	Alden Way	Dunbar Dr.	528	5	2		X				X	4
Alden Way	Belmont Bv	Larkin Street	792	5	2			X			X	4
Alden Way	Belmont Bv.	Larkin Street	792	4	2				X		X	4
Ashbury Place	Bee Ridge Rd.	Cul - De - Sac	792	0	0			X			X	4
Ashbury Place	Bee Ridge Rd	Cul - De - Sac	792	3	3				X		X	4
Ashbury Place	Bee Ridge Rd	Radnor Place	264	5	2			X			X	4
Ashbury Place	Bee Ridge Rd	Radnor Place	264	4	2				X		X	4
Ashbury Place	Radnor Place	Ashbury / Radnor Way	264	5	2			X			X	4
Ashbury Place	Radnor Place	Ashbury / Radnor Way	264	4	2				X		X	4
Ardmore Ln.	Radnor Place	Ashbury Place	264	3	2	X					X	4
Ardmore Ln.	Radnor Place	Ashbury Place	264	0	0		X				X	4
Radnor Place	Bee Ridge Rd.	Cul - De - Sac	528	4	2			X			X	4
Radnor Place	Bee Ridge Rd	Cul - De - Sac	528	0	0				X		X	4
Radnor Place	Ashbury Place	Ashbury / Radnor Way	1,848	3	2			X			X	4
Radnor Place	Ashbury Place	Ashbury / Radnor Way	1,848	4	3				X		X	4
Orleans Ln	Ashbury Place	Radnor Place	264	0	0	X					X	4
Orleans Ln.	Ashbury Place	Radnor Place	264	3	2		X				X	4
Wilkinson Rd	Lords Dr.	Swift Rd.	1,056	0	0	X					X	4
Wilkinson Rd.	Lords Dr	Swift Rd.	1,056	4	2		X				X	4
Wilkinson Rd	Swift Rd.	Sawyer Rd.	7,920	5	3	X					X	4
Wilkinson Rd.	Swift Rd.	Sawyer Rd.	7,920	4	3		X				X	4
Wilkinson Rd	Sawyer Rd.	McIntosh Rd.	2,640	8	5	X					X	4
Wilkinson Rd	Sawyer Rd.	McIntosh Rd.	2,640	5	2		X				X	4
Wilkinson Rd.	McIntosh Rd	Narragansett Trail	1,848	6	3	X					X	4
Wilkinson Rd.	McIntosh Rd.	Narragansett Trail	1,848	5	3		X				X	4
Wilkinson Rd.	Narragansett Trail	Bliss Rd.	600	6	4	X					X	4
Wilkinson Rd	Narragansett Trail	Bliss Rd	600	6	3		X				X	4
Hale Street	McIntosh Rd	End Of Street	1,056	6	3	X					X	4
Hale Street	McIntosh Rd	End Of Street	1,056	5	2		X				X	4
Annie Street	Sawyer Rd	End Of Street	528	4	2	X					X	4
Annie Street	Sawyer Rd.	End Of Street	528	5	3		X				X	4
Stardust Place	Bee Ridge Rd	End Of Street	528	4	3			X			X	4
Stardust Place	Bee Ridge Rd	End Of Street	528	4	2				X		X	4
Red Rock Ln.	Start Of Street	Bay Rd.	1,056	6	3			X			X	26

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH-SOUTH EAST WEST				CITY	CO	BASIN
						SIDE	SIDE	SIDE	SIDE			
School Av.	Proctor Rd	Florida Street	1,320	7	3				X		X	4
Worrington Street	North Tamiami Trail	School Av	528	5	3	X					X	4
Worrington Street	North Tamiami Trail	School Av.	528	4	3		X				X	4
Worrington Street	School Av	Riverwood Av	528	4	2	X					X	4
Worrington Street	School Av	Riverwood Av	528	3	2		X				X	4
Sterling Ln	Swift Rd	Worcester Rd	1100	6	4	X					X	4
Sterling Ln	Swift Rd	Worcester Rd.	1100	7	4		X				X	4
Sinnesand Ln	Swift Rd	Worcester Rd	1100	4	3	X					X	4
Stoneland Ln	Swift Rd	Worcester Rd	1100	4	2		X				X	4
Forest Ln.	Swift Rd	Worcester Rd.	1100	6	3	X					X	4
Forest Ln	Swift Rd.	Worcester Rd	1100	7	3		X				X	4
Forest Ln	Swift Rd.	Brookside Dr	1,056	5	3	X					X	4
Forest Ln.	Swift Rd	Brookside Dr	1,056	0	0		X				X	4
Edgewood Ln	Swift Rd	Worcester Rd	1,320	6	3	X					X	4
Edgewood Ln	Swift Rd	Worcester Rd.	1,320	6	4		X				X	4
Maiden Ln.	Swift Rd	Worcester Rd.	1,584	4	3	X					X	4
Maiden Ln	Swift Rd	Worcester Rd.	1,584	4	4		X				X	4
Maiden Ln	Murdock Av	Rockefeller Av.	1,848	3	2	X					X	4
Maiden Ln	Murdock Av	Rockefeller Av.	1,848	0	0		X				X	4
Marlette Street	Swift Rd	End Of Street	528	6	4	X					X	4
Marlette Street	Swift Rd	End Of Street	528	6	3		X				X	4
Midland Rd.	Wilkinson Rd.	Maiden Ln.	1,056	3	3			X			X	4
Midland Rd	Wilkinson Rd	Maiden Ln	1,056	5	3				X		X	4
Midland Rd.	Edgewood Ln	Bee Ridge Rd.	1,056	5	3			X			X	4
Midland Rd	Edgewood Ln	Bee Ridge Rd	1,056	3	3				X		X	4
Worcester Rd	Bee Ridge Rd	Wilkinson Rd.	2,640	5	2			X			X	4
Worcester Rd	Bee Ridge Rd	Wilkinson Rd.	2,640	5	3				X		X	4
Worcester Rd	Wilkinson Rd	End Of Street	1,056	4	2			X			X	4
Worcester Rd	Wilkinson Rd	End Of Street	1,056	5	2				X		X	4
Groveland Av	Bee Ridge Rd	Edgewood Ter	1,056	4	2			X			X	4
Groveland Av	Bee Ridge Rd	Edgewood Ter.	1,056	4	2				X		X	4
Groveland Av	Wilkinson Rd	Hymount Av.	1,056	4	2			X			X	4
Groveland Av	Wilkinson Rd	Hymount Av.	1,056	4	2				X		X	4
Hymount Av	Groveland Av	Groveland Av.	1,320	4	2			X			X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BSIN
Hymount Av	Groveland Av	Groveland Av.	1,320	4	3				X		X	4
Edgewood Ter	Worcester Rd	Murdoch Av.	528	4	2	X					X	4
Edgewood Ter	Worcester Rd	Murdoch Av.	528	3	2		X				X	4
Murdoch Av	Bee Ridge Rd	Wilkinson Rd.	2,640	7	3			X			X	4
Murdoch Av	Bee Ridge Rd.	Wilkinson Rd.	2,640	3	3				X		X	4
Murdoch Av.	Mohawk Street	SR 72 / Clark Rd.	1,320	4	2			X			X	4
Murdoch Av	Mohawk Street	SR 72 / Clark Rd	1,320	5	2				X		X	4
Murdoch Av	SR 72 / Clark Rd	Abby Ln.	1,584	4	2			X			X	4
Murdoch Av.	SR 72 / Clark Rd	Abby Ln	1,584	4	2				X		X	4
Murdoch Av	Mayflower Street	Savage Rd.	528	5	2			X			X	4
Murdoch Av.	Mayflower Street	Savage Rd.	528	4	2				X		X	4
Olive Av	Maiden Ln.	North End Of Street	528	3	2			X			X	4
Olive Av.	Maiden Ln	North End Of Street	528	4	3				X		X	4
Olive Av.	Mohawk Street	SR 72 / Clark Rd.	1,056	4	3			X			X	4
Olive Av.	Mohawk Street	SR 72 / Clark Rd.	1,056	4	3				X		X	4
Olive Av	SR 72 / Clark Rd	Williamsburg Street	1,056	4	2			X			X	4
Olive Av.	SR 72 / Clark Rd.	Williamsburg Street	1,056	5	2				X		X	4
Olive Av.	Abby Ln	Savage Rd.	792	4	2			X			X	4
Olive Av	Abby Ln	Savage Rd.	792	4	3				X		X	4
Augustine Av	Wilkinson Rd	Maiden Ln.	1,320	4	3			X			X	4
Augustine Av	Wilkinson Rd	Maiden Ln.	1,320	4	2				X		X	4
Nelson Av	Bee Ridge Rd	Maiden Ln.	1,320	4	4			X			X	4
Nelson Av.	Bee Ridge Rd	Maiden Ln.	1,320	3	3				X		X	4
Nelson Av.	Maiden Ln.	Peachtree Street	528	3	3			X			X	4
Nelson Av.	Maiden Ln	Peachtree Street	528	4	2				X		X	4
Nelson Av.	Peachtree Street	Wilkinson Rd	528	0	0			X			X	4
Nelson Av.	Peachtree Street	Wilkinson Rd	528	4	2				X		X	4
Nelson Av.	Spirca Street	Jamaica Street	528	0	0			X			X	4
Nelson Av.	Spires Street	Jamaica Street	528	0	0				X		X	4
Nelson Av.	Mayflower Street	South Of Williamsburg Street	528	4	3			X			X	4/5
Nelson Av	Mayflower Street	South Of Williamsburg Street	528	3	2				X		X	4/5
Nelson Av	South Of Williamsburg St	SR 72 / Clark Rd.	792	7	4			X			X	4/5
Nelson Av	South Of Williamsburg St	SR 72 / Clark Rd	792	3	2				X		X	4/5
Iola Av	Bee Ridge Rd	Maiden Ln	1,056	4	2			X			X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE				CITY	CO	BASIN
					DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE		
Iola Av	Bee Ridge Rd	Maiden Ln	1,056	3	2				X	X	4
Iola Av	Maiden Ln	Peachtree Street	528	3	3			X		X	4
Iola Av	Maiden Ln	Peachtree Street	528	0	0				X	X	4
Iola Av	Peachtree Street	Wilkinson Rd	528	0	0			X		X	4
Iola Av	Peachtree Street	Wilkinson Rd	528	0	0				X	X	4
Iola Av	Spirea Street	Jamaica Street	528	0	0			X		X	4
Iola Av	Spirea Street	Jamaica Street	528	0	0				X	X	4
Rockefeller Av	Bee Ridge Rd	Maiden Ln	1,056	6	3			X		X	4
Rockefeller Av	Bee Ridge Rd	Maiden Ln	1,056	3	3				X	X	4
Rockefeller Av	SR 72 / Clark Rd	Lexington Street	264	0	0			X		X	4/5
Rockefeller Av	SR 72 / Clark Rd	Lexington Street	264	3	2				X	X	4/5
Rockefeller Av	Lexington Street	New England Street	528	0	0			X		X	4/5
Rockefeller Av	Lexington Street	New England Street	528	4	2				X	X	4/5
Rockefeller Av	New England Street	Williamsburg Street	264	10-194	0			X		X	4/5
Rockefeller Av	New England Street	Williamsburg Street	264	10-194	0				X	X	4/5
Bell Av	Bee Ridge Rd	Gladstone Street	1,584	4	2			X		X	4
Bell Av	Bee Ridge Rd	Gladstone Street	1,584	4	2				X	X	4
Bell Av	Gladstone Street	Start Of Street	264	4	3			X		X	4
Bell Av	Gladstone Street	Start Of Street	264	0	0				X	X	4
Morning Place	South Of Gladstone Street	North Of Gladstone Street	528	3	2			X		X	4
Morning Place	South Of Gladstone Street	North Of Gladstone Street	528	3	2				X	X	4
Glory Place	South Of Gladstone Street	North Of Gladstone Street	528	0	0			X		X	4
Glory Place	South Of Gladstone Street	North Of Gladstone Street	528	0	0				X	X	4
Gladstone Street	Bell Av	Beneva Rd	1,056	3	2	X				X	4
Gladstone Street	Bell Av	Beneva Rd	1,056	3	2		X			X	4
Kalla Ln	Lockwood Ridge Rd	Nelson Av	528	4	2	X				X	4
Kalla Ln	Lockwood Ridge Rd	Nelson Av	528	4	2		X			X	4
Peachtree Street	Lockwood Ridge Rd	Iola Av	792	4	3	X				X	4
Peachtree Street	Lockwood Ridge Rd	Iola Av	792	5	2		X			X	4
Peachtree Street	Lockwood Ridge Rd	Olive Av / End Of Street	264	4	3	X				X	4
Peachtree Street	Lockwood Ridge Rd	Olive Av / End Of Street	264	0	0		X			X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Cactus Av.	Peachtree Street	Wilkinson Rd.	528	4	2			X			X	4
Cactus Av.	Peachtree Street	Wilkinson Rd.	528	4	2				X		X	4
Spirea Street	Groveland Av	Murdock Av	264	3	3	X					X	4
Spirea Street	Groveland Av.	Murdock Av.	264	4	2		X				X	4
Spirea Street	Groveland Av	Iola Av	1,056	4	3	X					X	4
Spirea Street	Lockwood Ridge Rd	Iola Av.	1,056	4	2		X				X	4
Spirea Street	Lockwood Ridge Rd	Olive Av.	264	4	2	X					X	4
Spirea Street	Lockwood Ridge Rd	Olive Av	264	0	0		X				X	4
Alhambra Av.	Wilkinson Rd.	Monterey Street	264	5	2			X			X	4
Alhambra Av.	Wilkinson Rd	Monterey Street	264	4	3				X		X	4
Monterey Street	Alhambra Av.	Claremont Av.	528	0	0	X					X	4
Monterey Street	Alhambra Av.	Claremont Av	528	4	3		X				X	4
Monterey Street	Claremont Av.	Start Of Street	1,056	7	4	X					X	4
Monterey Street	Claremont Av.	Start Of Street	1,056	4	3		X				X	4
Claremont Street	Monterey Street	Wilkinson Rd	528	5	2			X			X	4
Claremont Street	Monterey Street	Wilkinson Rd	528	4	3				X		X	4
Burbank Av.	Wilkinson Rd.	Monterey Street	528	4	2			X			X	4
Burbank Av.	Wilkinson Rd.	Monterey street	528	4	2				X		X	4
Aubrey Ln.	Riverwood Av.	Shade Av.	528	4	3	X					X	4
Aubrey Ln.	Riverwood Av.	Shade Av.	528	3	2		X				X	4
Mill Terrace	School Av	Riverwood Av.	528	4	2	X					X	4
Mill Terrace	School Av	Riverwood Av.	528	3	2		X				X	4
Palm Terrace	Riverwood Av.	Shade Av.	528	0	0	X					X	4
Palm Terrace	Riverwood Av	Shade Av	528	4	2		X				X	4
Palm Terrace	Riverwood Av	School Av	528	3	2	X					X	4
Palm Av	Riverwood Av	School Av	528	3	2		X				X	4
Oak Terrace	Start W. Of Riverwood Av.	Start E. Of Riverwood Av	1,848	3	2	X					X	4
Oak Terrace	Start W. Of Riverwood Av	Start E. Of Riverwood Av	1,848	4	2		X				X	4
Florida Street	East End Of Street	Riverwood Av.	264	5	3	X					X	4
Florida Street	East End Of Street	Riverwood Av.	264	0	0		X				X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE	NORTH-SOUTH	EAST	WEST	CITY	CO	BASIN
					DEPTH	SIDE	SIDE	SIDE	SIDE		
Florida Street	Riverwood Av	School Av.	528	0	0	X				X	4
Florida Street	Riverwood Av	School Av.	528	5	2		X			X	4
Florida Street	School Av	North Tamiami Trail	1,320	4	2	X				X	4
Florida Street	School Av	North Tamiami Trail	1,320	4	2		X			X	4
Crystal Av.	Proctor Rd	Lynn Street	264	4	2			X		X	4
Crystal Av.	Proctor Rd.	Lynn Street	264	6	2				X	X	4
Lynn Street	School Av.	Riverwood Av.	528	5	2	X				X	4
Lynn Street	School Av	Riverwood Av	528	0	0		X			X	4
Grand Cayman Street	Lords Av	Swift Rd.	1,320	4	2	X				X	4
Grand Cayman Street	Lords Av.	Swift Rd.	1,320	4	2		X			X	4
Grand Cayman Street	Swift Rd.	Midland Rd.	528	0	0	X				X	4
Grand Cayman Street	Swift Rd	Midland Rd.	528	3	2		X			X	4
Sunniland Street	Hollingsworth Av	Sawyer Rd.	1,320	4	4	X				X	4
Sunniland Street	Hollingsworth Av.	Sawyer Rd.	1,320	3	2		X			X	4
Sunniland Street	McIntosh Rd	Harris Av.	792	4	2	X				X	4
Sunniland Street	McIntosh Rd	Harris Av.	792	2	1		X			X	4
Garcia Av.	Sunniland Street	Jamaica Street	528	0	0			X		X	4
Garcia Av	Sunniland Street	Jamaica Street	528	4	2				X	X	4
Violet Av.	Jamaica Street	Sunniland Street	528	0	0			X		X	4
Violet Av.	Jamaica Street	Sunniland Street	528	2	2				X	X	4
Sloan Av	Jamaica Street	Proctor Rd	1,056	0	0			X		X	4
Sloan Av	Jamaica Street	Proctor Rd.	1,056	5	3				X	X	4
Harris Av.	Proctor Rd	Sunniland Street	1,056	5	3			X		X	4
Harris Av.	Proctor Rd.	Sunniland Street	1,056	4	3				X	X	4
Harris Av	Proctor Rd	Gypsy Street	1,320	5	2			X		X	4
Harris Av	Proctor Rd	Gypsy Street	1,320	4	4				X	X	4
George Av	Sunniland Street	Proctor Rd	528	4	2			X		X	4
George Av	Sunniland Street	Proctor Rd	528	4	2				X	X	4
Jamaica Street	Flatbush Av	Atlantic Av.	264	0	0	X				X	4
Jamaica Street	Flatbush Av	Atlantic Av	264	5	3		X			X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Bliss Rd.	Wilkinson Rd.	Diamond Cir. South	1,056	5	4			X			X	4
Bliss Rd	Wilkinson Rd	Diamond Cir. South	1,056	10-108	10-108				X		X	4
Bliss Rd	Diamond Cir. South	Proctor Rd.	1,584	8	3			X			X	4
Bliss Rd.	Diamond Cir. South	Proctor Rd.	1,584	10-108	10-108				X		X	4
Bliss Rd	Proctor Rd.	Ashton Rd	2,370	8	3			X			X	4
Bliss Rd	Proctor Rd	Ashton Rd	2,370	4	2				X		X	4
Hackamore Rd	Proctor Rd	End Of Maintained Rd	1,320	5	3			X			X	4
Hackamore Rd	Proctor Rd.	End Of Maintained Rd	1,320	3	2				X		X	4
Proctor Rd.	Flatbush Av.	Honore Av.	4,224	10	4	X					X	4
Proctor Rd.	Flatbush Av	Honore Av.	4,224	5	3		X				X	4
Proctor Rd.	Honore Av	Gantt Rd.	2,370	4	3	X					X	4
Proctor Rd	Honore Av	Gantt Rd	2,370	5	2		X				X	4
Proctor Rd.	I-75	SR 72 / Clark Rd.	11,880	4	2	X					X	4
Proctor Rd	I-75	SR 72 / Clark Rd	11,880	5	4		X				X	4
Riverwood Av	Proctor Rd.	Cameron Ln	2,640	6	3			X			X	4
Riverwood Av	Proctor Rd	Cameron Ln	2,640	5	3				X		X	4
Riverwood Av	Proctor Rd	Haley Ln.	3,168	4	3			X			X	4
Riverwood Av.	Proctor Rd	Haley Ln.	3,168	0	0				X		X	4
Cadillac Street	Riverwood Av.	Cadillac Way	528	4	2	X					X	4
Cadillac Street	Riverwood Av.	Cadillac Way	528	4	2		X				X	4
La Salle Street	Las Lomas Dr.	Northwood Av.	792	4	2	X					X	4
La Salle Street	Las Lomas Dr.	Northwood Av.	792	5	3		X				X	4
Cadillac Way	Cadillac Street	La Salle Street	264	3	2			X			X	4
Cadillac Way	Cadillac Street	La Salle Street	264	0	0				X		X	4
La Salle Street	Cadillac Street	La Salle Street	264	4	2			X			X	4
La Salle Street	Cadillac Street	La Salle Street	264	3	2				X		X	4
La Salle Street	La Salle Way	Northwood Av.	264	4	2	X					X	4
La Salle Street	La Salle Way	Northwood Av.	264	5	2		X				X	4
Lee Ln	Las Lomas Dr	Northwood Av	792	6	2	X					X	4
Lee Ln.	Las Lomas Dr.	Northwood Av	792	5	2		X				X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Las Lomas Dr	La Salle Street	Outer Dr.	528	5	2			X			X	4
Las Lomas Dr	La Salle Street	Outer Dr.	528	5	2				X		X	4
Shawnee Street	Las Lomas Dr.	Northwood Av.	792	4	2	X					X	4
Shawnee Street	Las Lomas Dr.	Northwood Av.	792	5	3		X				X	4
Outer Dr.	Las Lomas Dr	Northwood Av	792	4	2	X					X	4
Outer Dr.	Las Lomas Dr	Northwood Av.	792	3	2		X				X	4
Outer Dr.	Northwood Av	Riverwood Av.	528	4	2	X					X	4
Outer Dr	Northwood Av	Riverwood Av	528	3	2		X				X	4
Phillippi Street	North Tamiami Trail	Riverwood Av.	1,848	3	2	X					X	4
Phillippi Street	North Tamiami Trail	Riverwood Av.	1,848	7	3		X				X	4
Susan Av.	Phillippi Street	Alice Rd.	264	4	2			X			X	4
Susan Av.	Phillippi Street	Alice Rd.	264	3	3				X		X	4
Bradford Street	Bradford Way	Riverwood Av.	528	4	2	X					X	4
Bradford Street	Bradford Way	Riverwood Av.	528	3	2		X				X	4
Admiral Way	Riverwood Av	Admiral Place	528	5	2	X					X	4
Admiral Way	Riverwood Av.	Admiral Place	528	5	2		X				X	4
Admiral Place	Admiral Way	End Of Street	528	3	2			X			X	4
Admiral Place	Admiral Way	End Of Street	528	4	2				X		X	4
Lords Av.	Nassau Street	Dueby Street	1,056	5	3			X			X	4
Lords Av.	Nassau Street	Dueby Street	1,056	5	2				X		X	4
Lords Av	Dueby Street	Proctor Rd	528	1	2			X			X	4
Lords Av.	Dueby Street	Proctor Rd.	528	0	0				X		X	4
Lords Av	Proctor Rd	Parma Street	1,584	4	2			X			X	4
Lords Av.	Proctor Rd.	Parma Street	1,584	3	2				X		X	4
Lords Av.	Parma Street	Ashton Rd.	1,056	4	2			X			X	4
Lords Av.	Parma Street	Ashton Rd.	1,056	3	4				X		X	4
Creek Dr	Ashton Rd	Arapaho Street	792	5	2			X			X	4
Creek Dr.	Ashton Rd	Arapaho Street	792	0	0				X		X	4
Ashton Rd	Creek Dr	West Of Portland Way	528	5	3	X					X	4
Ashton Rd	Creek Dr	West Of Portland Way	528	4	3		X				X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	Basin
Ashton Rd	West Of Portland Way	Swift Rd.	2,112	4	6	X					X	4
Ashton Rd	West Of Portland Way	Swift Rd.	2,112	4	6		X				X	4
Ashton Rd.	Swift Rd.	Lockwood Ridge Rd.	2,640	5	3	X					X	4
Ashton Rd.	Swift Rd.	Lockwood Ridge Rd.	2,640	2	5		X				X	4
Ashton Rd.	Lockwood Ridge Rd	End Of Street / Fox Run	1,056	4	3	X					X	4
Ashton Rd.	Lockwood Ridge Rd	End Of Street / Fox Run	1,056	4	4		X				X	4
Ashton Rd	Sawyer Rd	McIntosh Rd.	2,640	3	6	X					X	4
Ashton Rd	Sawyer Rd	McIntosh Rd.	2,640	3	6		X				X	4
Ashton Rd.	McIntosh Rd.	Gantt Rd	7,920	5	3	X					X	4
Ashton Rd.	McIntosh Rd	Gantt Rd	7,920	5	3		X				X	4
Hope Street	Swift Rd.	Lords Av	792	2	3	X					X	4
Hope Street	Swift Rd	Lords Av.	792	2	3		X				X	4
Austin Street	Lords Av.	Swift Rd.	792	4	2	X					X	4
Austin Street	Lords Av.	Swift Rd.	792	4	1		X				X	4
Austin Street	Porpoise Dr	Start Of Street	1,056	4	2	X					X	4
Austin Street	Porpoise Dr.	Start Of Street	1,056	3	2		X				X	4
Austin Street	Porpoise Dr	Beneva Rd	1,584	4	2	X					X	4
Austin Street	Porpoise Dr	Beneva Rd	1,584	3	2		X				X	4
Austin Street	Harris Av	McIntosh Rd	528	4	2	X					X	4
Austin Street	Harris Av	McIntosh Rd.	528	3	3		X				X	4
Fort Worth Street	Swift Rd	Lords Av	792	4	2	X					X	4
Fort Worth Street	Swift Rd	Lords Av	792	4	1		X				X	4
Herwald Street	Lords Av.	Swift Rd	1,056	3	2	X					X	4
Herwald Street	Lords Av	Swift Rd	1,056	4	1		X				X	4
Parma Street	Swift Rd	Lords Av	792	5	2	X					X	4
Parma Street	Swift Rd	Lords Av	792	4	1		X				X	4
Parma Street	Lords Av	Start Of Street	792	5	3	X					X	4
Parma Street	Lords Av	Start Of Street	792	5	1		X				X	4
Grafton Street	Swift Rd.	East End Of Street	528	3	1	X					X	4
Grafton Street	Swift Rd.	East End Of street	528	4	1		X				X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Graffn Street	Lockwood Ridge Rd	West End Of Street	528	5	4	X					X	4
Grafton Street	Lockwood Ridge Rd	West End Of Street	528	5	5			X			X	4
Camphor Av	Proctor Rd	Gypsy Street	1,320	6	3			X			X	4
Camphor Av	Proctor Rd	Gypsy Street	1,320	5	3				X		X	4
Olympia Street	Lockwood Ridge Rd	West End Of Street	528	5	3	X					X	4
Olympia Street	Lockwood Ridge Rd	West End Of Street	528	1	3			X			X	4
Olympia Street	Swift Rd	East End Of Street	528	4	3	X					X	4
Olympia Street	Swift Rd	East End Of Street	528	5	3			X			X	4
Gypsy Street	Swift Rd	East End Of Street	528	4	2	X					X	4
Gypsy Street	Swift Rd	East End Of Street	528	5	2			X			X	4
Gypsy Street	Camphur Av	Lockwood Ridge Rd	1,056	4	4	X					X	4
Gypsy Street	Camphor Av	Lockwood Ridge Rd.	1,056	4	4			X			X	4
Gypsy Street	McIntosh Rd	Baccus Av.	1,056	4	2	X					X	4
Gypsy Street	McIntosh Rd	Baccus Av	1,056	4	2			X			X	4
Elmer Street	West End Of Street	Lockwood Ridge Rd.	528	4	3	X					X	4
Elmer Street	West End Of Street	Lockwood Ridge Rd.	528	3	3			X			X	4
Restful Ln.	Lockwood Ridge Rd	Restful Way	528	4	2	X					X	4
Restful Ln.	Lockwood Ridge Rd.	Restful Way	528	5	3			X			X	4
Restful Way	Restful Ln	Ashton Rd.	264	5	3			X			X	4
Restful Way	Restful Ln	Ashton Rd.	264	6	4				X		X	4
Buchanan Place	Austin Street	Cul - De - Sac	528	4	4			X			X	4
Buchanan Place	Austin Street	Cul - De - Sac	528	2	2				X		X	4
Montevista Dr	Austin Street	Plantation Dr.	528	0	0			X			X	4
Montevista Dr	Austin Street	Plantation Dr	528	0	0				X		X	4
Plantation Dr	Austin Street	Porpoise Dr.	1,320	4	3	X					X	4
Plantation Dr	Austin Street	Porpoise Dr	1,320	4	3			X			X	4
Plantation Dr	Porpoise Dr	Beneva Rd.	1,320	5	2	X					X	4
Plantation Dr	Porpoise Dr	Beneva Rd.	1,320	5	3			X			X	4
Porpoise Dr	Austin Street	Plantation Dr	528	3	2			X			X	4
Porpoise Dr	Austin Street	Plantation Dr	528	0	0				X		X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Plantation Place	Plantation Dr	Cul - De - Sac	264	4	4			X			X	4
Plantation Place	Plantation Dr	Cul - De - Sac	264	4	2				X		X	4
Plantation Terrace	Plantation Dr	Cul - De - Sac	264	4	4			X			X	4
Plantation Terrace	Plantation Dr	Cul - De - Sac	264	4	3				X		X	4
Austin Cir.	Austin Street	Cul - De - Sac	264	2	2			X			X	4
Austin Cir.	Austin Street	Cul - De - Sac	264	2	2				X		X	4
Cross Creek Rd	Austin Street	End Of Street	175	4	2			X			X	4
Cross Creek Rd	Austin Street	End Of Street	175	0	0				X		X	4
Marigold Place	Austin Street	Cul - De - Sac	264	3	3			X			X	4
Marigold Place	Austin Street	Cul - De - Sac	264	3	3				X		X	4
Malco Cir.	Proctor Rd	Malco Cir.	3,904	5	4			X			X	4
Malco Cir	Proctor Rd	Malco Cir.	3,904	4	3				X		X	4
Baccus Av.	Proctor Rd	Gypsy Street	1,320	3	3			X			X	4
Baccus Av.	Proctor Rd	Gypsy Street	1,320	5	3				X		X	4
Andrew Av.	Proctor Rd.	Gypsy Street	1,056	4	2			X			X	4
Andrew Av	Proctor Rd.	Gypsy street	1,056	3	3				X		X	4
Greenleaf Rd	Proctor Rd	Cul - De - Sac	528	5	2			X			X	4
Greenleaf Rd	Proctor Rd	Cul - De - Sac	528	5	3				X		X	4
Greenleaf Rd.	Bliss Rd	Cul - De - Sac	792	4	3	X					X	4
Greenleaf Rd.	Bliss Rd	Cul - De - Sac	792	4	3		X				X	4
Las Vegas Dr.	Proctor Rd.	Start Of St. So. Of Nevada	1,320	3	3			X			X	4
Las Vegas Dr.	Proctor Rd	Start Of St. So. Of Nevada	1,320	4	3				X		X	4
Nevada Way	Las Vegas Dr.	Reno Dr.	264	4	2	X					X	4
Nevada Way	Las Vegas Dr.	Reno Dr	264	4	3		X				X	4
Reno Dr.	Nevada Way	Proctor Rd.	1100	3	3			X			X	4
Reno Dr	Nevada Way	Proctor Rd.	1100	4	3				X		X	4
Elizabeth Av	Proctor Rd	Start Of Street South	1,320	4	4			X			X	4
Elizabeth Av	Proctor Rd	Start Of Street South	1,320	4	4				X		X	4
Victoria Av	Proctor Rd	Start Of Street South	1,320	4	2			X			X	4
Victoria Av	Proctor Rd	Start Of Street South	1,320	0	0				X		X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Mohawk Street	Lockwood Ridge Rd	Nutmeg Av.	792	4	2	X					X	4
Mohawk Street	Lockwood Ridge Rd	Nutmeg Av.	792	0	0			X			X	4
Osage Terrace	Nutmeg Av	Lockwood Ridge Rd	792	4	2	X					X	4
Osage Terrace	Nutmeg Av	Lockwood Ridge Rd.	792	4	3			X			X	4
Ruby Ln	Ashton Rd	Start Of Street	1056	4	2			X			X	4
Ruby Ln	Ashton Rd	Start Of Street	1056	3	2				X		X	4
Sawyer Cir	Sawyer Rd	Sawyer Rd	1056	4	3	X					X	4
Sawyer Cir	Sawyer Rd	Sawyer Rd	1056	5	2			X			X	4
Lambert Place	SR 72 Clark Rd	Clover Ln.	175	5	2			X			X	4
Lambert Place	SR 72 Clark Rd	Clover Ln.	175	4	3				X		X	4
Clover Ln	Lambert Place	St. Louis Av.	528	4	2	X					X	4
Clover Ln	Lambert Ln	St. Louis Av.	528	3	2			X			X	4
St. Charles Cir	St. Louis Av	Clover Ln	792	3	3	X					X	4
St. Charles Cir	St. Louis Av	Clover Ln.	792	4	2			X			X	4
Afton Way	St. Louis Av	Afton Cir	300	3	2	X					X	4
Afton Way	St. Louis Av	Afton Cir.	300	4	3			X			X	4
Afton Place	Afton Cir	Ferguson St.	264	3	2			X			X	4
Afton Place	Afton Cir	Ferguson St.	264	3	3				X		X	4
Afton Cir.	Ferguson St.	Ferguson St.	1848	4	2	X					X	4
Afton Cir	Ferguson St	Ferguson St.	1848	5	2			X			X	4
Ferguson Street	Afton Cir	St. Louis Av.	1056	5	3	X					X	4
Ferguson Street	Afton Cir	St. Louis Av.	1056	5	2			X			X	4
St. Louis Av	SR 72 Clark Rd	End Of Street	1056	4	4			X			X	4
St. Louis Av	SR 72 Clark Rd	End Of Street	1056	5	3				X		X	4
Portland Street	West Start Of Street	East Start Of Street	792	3	2	X					X	4
Portland Street	West Start Of Street	East Start Of Street	792	0	0			X			X	4
Richard Place	SR 72 Clark Rd	Unnamed Alley	1056	5	4			X			X	4
Richard Place	SR 72 Clark Rd	Unnamed Alley	1056	5	3				X		X	4
Lords Av	Unnamed Alley	SR 72 Stickney Pt	792	5	3			X			X	4
Lords Av	Unnamed Alley	SR 72 Stickney Pt.	792	6	4				X		X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE	NORTH	SOUTH	EAST	WEST	CITY	CO	Basin
					DEPTH	SIDE	SIDE	SIDE	SIDE			
Albert Place	Sr 72 Clark Rd.	Unnamed Alley	792	6	3			X			X	4
Albert Place	SR 72 Clark Rd.	Unnamed Alley	792	6	4				X		X	4
Denham Dr.	SR 72 Clark Rd.	Terry Ln. / Rodgers Av	264	5	2			X			X	5
Denham Dr.	SR 72 Clark Rd	Terry Ln. / Rodgers Av.	264	5	2				X		X	5
Rodgers Av	Terry Ln. / Denham Dr	Eloise Street	1320	5	3			X			X	5
Rodgers Av	Terry Ln. / Denham Dr.	Eloise Street	1320	5	2				X		X	5
Eloise Street	Start Of St. W. Of Rodgers	Carlton Av	264	4	3	X					X	5
Eloise Street	Start Of St. W. Of Rodgers	Carlton Av.	264	5	2		X				X	5
Carlton Av	Eloise St	Terry Ln	1848	5	2			X			X	5
Carlton Av	Eloise St.	Terry Ln	1848	5	2				X		X	5
Terry Ln.	Carlton Av	Rodgers Av.	528	5	3	X					X	5
Terry Ln.	Carlton Av	Rodgers Av.	528	4	2		X				X	5
Linda Street	Rodgers Av	Carlton Av	264	6	3	X					X	5
Linda Street	Rodgers Av	Carlton Av.	264	3	3		X				X	5
Colonial Dr	SR 72 Clark Rd.	Williamsburg St.	1056	6	2			X			X	5
Colonial Dr.	SR 72 Clark Rd	Williamsburg St.	1056	5	4				X		X	5
Lexington Street	Colonial Dr	Nutmeg Av	1100	6	4	X					X	5
Lexington Street	Colonial Dr	Nutmeg Av.	1100	4	3		X				X	5
Lexington Street	Nutmeg Av	Murdock Av.	264	3	2	X					X	5
Lexington Street	Nutmeg Av	Murdock Av.	264	3	2		X				X	5
Williamsburg Street	Murdock Av	Olive Av.	200	4	3	X					X	5
Williamsburg Street	Murdock Av.	Olive Av.	200	6	2		X				X	5
Williamsburg Street	Olive Av.	Lockwood Ridge Rd.	200	3	3	X					X	5
Williamsburg Street	Olive Av	Lockwood Ridge Rd.	200	5	3		X				X	5
Williamsburg Street	Lockwood Ridge Rd.	Nelson Av	528	3	4	X					X	5
Williamsburg Street	Lockwood Ridge Rd.	Nelson Av.	528	5	4		X				X	5
Williamsburg Street	Nelson Av.	Rockefeller Av	528	4	2	X					X	5
Williamsburg Street	Nelson Av	Rockefeller Av	528	3	3		X				X	5
New England Street	10-193	Nutmeg Av	528	4	2	X					X	5
New England Street	10-193	Nutmeg Av	528	3	5		X				X	5
New England Street	Lockwood Ridge Rd	Nelson Av.	528	4	4	X					X	5
New England Street	Lockwood Ridge Rd	Nelson Av	528	4	3		X				X	5
New England Street	Nelson Av	Rockefeller Av	528	5	3	X					X	5

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
New England Street	Nelson Av.	Rockefeller Av	528	3	3		X				X	5
Lexington Street	Rockefeller Av	Nelson Av	528	3	2	X					X	5
Lexington Street	Rockefeller Av	Nelson Av.	528	3	3		X				X	5
Lexington Street	Nelson Av	Lockwood Ridge Rd	528	3	2	X					X	5
Lexington Street	Nelson Av	Lockwood Ridge Rd	528	4	3		X				X	5
Lexington Street	Lockwood Ridge Rd	Olive Av.	200	3	2	X					X	5
Lexington Street	Lockwood Ridge Rd	Olive Av.	200	4	3		X				X	5
Lexington Street	Olive Av.	Murdock Av	264	3	3	X					X	5
Lexington Street	Olive Av	Murdock Av.	264	3	3		X				X	5
Lexington Street	Murdock Av	Nutmeg Av.	264	4	2	X					X	5
Lexington Street	Murdock Av	Nutmeg Av.	264	4	2		X				X	5
Lexington Street	East End Of Colonial Dr	Colonial Dr.	528	3	3	X					X	5
Lexington Street	East End Of Colonial Dr	Colonial Dr.	528	3	2		X				X	5
Concord Street	Murdock Av	Camphor Av.	792	5	3	X					X	5
Concord Street	Murdock Av	Camphor Av.	792	3	2		X				X	5
Abby Ln	Lockwood Ridge Rd	Murdock Av	792	5	3	X					X	5
Abby Ln	Lockwood Ridge Rd	Murdock Av	792	3	3		X				X	5
Pauline Av	Concord St	Savage Rd	1056	5	3			X			X	5
Pauline Av	Concord St	Savage Rd	1056	7	3				X		X	5
Mayflower Street	Lockwood Ridge Rd.	Camphor Av	1056	4	2	X					X	5
Mayflower Street	Lockwood Ridge Rd.	Camphor Av	1056	6	3		X				X	5
Savage Rd.	Seagate Av	Lockwood Ridge Rd.	1320	8	5	X					X	5
Savage Rd	Seagate Av	Lockwood Ridge Rd.	1320	5	2		X				X	5
Mayflower Street	Camphor Av.	10-193	100	4	2	X					X	5
Mayflower Street	Camphor Av	10-193	100	3	2		X				X	5
Yorktown Street	Rockefeller Av	Lockwood Ridge Rd	1056	5	2	X					X	5
Yorktown Street	Rockefeller Av	Lockwood Ridge Rd	1056	5	3		X				X	5
Yorktown Street	Nutmeg Av	10-190	1848	6	4	X					X	5
Yorktown Street	Nutmeg Av	10-190	1848	5	2		X				X	5
Mirror Lake Rd	SR 72 Clark Rd	Merridale Rd	1848	5	3			X			X	4
Mirror Lake Rd	SR 72 Clark Rd	Merridale Rd	1848	5	2				X		X	4
Bernice Ln	Mirror Lake Rd	East End Of Street	264	5	4	X					X	4
Bernice Ln	Mirror Lake Rd	East End Of Street	264	4	3		X				X	4
Emby Ln	Mirror Lake Rd	East End Of Street	264	4	2	X					X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Emily Ln	Mirror Lake Rd	East End Of Street	264	3	2		X				X	4
Mary Ln	East End Of Street	Beneva Rd	528	5	2	X					X	4
Mary Ln	East End Of Street	Beneva Rd	528	5	2		X				X	4
Carol Ln	Mirror Lake Rd	East End Of Street	264	5	3	X					X	4
Carol Ln	Mirror Lake Rd	East End Of Street	264	5	2		X				X	4
Dorst Ln	Mirror Lake Rd	East End Of Street	264	5	2	X					X	4
Dorst Ln	Mirror Lake Rd	East End Of Street	264	4	3		X				X	4
Pinkney Av	SR 72 Clark Rd	Ashlon Rd	2640	6	4			X			X	4
Pinkney Av	SR 72 Clark Rd	Ashlon Rd	2640	10-188	10-188				X		X	4
Jamaica Street	Swift Rd	Lords Av	1056	5	3	X					X	4
Jamaica Street	Swift Rd	Lords Av	1056	0	0		X				X	4
Trinidad Street	West End Of Street	Lords Av	528	6	3	X					X	4
Trinidad Street	West End Of Street	Lords Av	528	6	5		X				X	4
Trinidad Street	Lords Av	Swift Rd	1100	5	3	X					X	4
Trinidad Street	Lords Av	Swift Rd	1100	5	2		X				X	4
Trinidad Street	Swift Rd	South End Of Street	528	4	2	X					X	4
Trinidad Street	Swift Rd	East End Of Street	528	0	0		X				X	4
Nassau Street	West End Of Street	Lords Av	1056	4	3	X					X	4
Nassau Street	West End Of Street	Lords Av	1056	5	3		X				X	4
Nassau Street	Lords Av	Swift Rd	1056	4	2	X					X	4
Nassau Street	Lords Av	Swift Rd	1056	5	2		X				X	4
Hummingbird Av	SR 72 Clark Rd	Tanager Street	1056	3	4			X			X	4
Hummingbird Av	SR 72 Clark Rd	Tanager Street	1056	5	3				X		X	4
Hummingbird Av	Tanager Street	Hawkins Rd	1320	0	0			X			X	4
Hummingbird Av	Tanager Street	Hawkins Rd	1320	3	3				X		X	4
Goldfinch Street	Hummingbird Av	Hawkins Rd	2112	5	3	X					X	4
Goldfinch Street	Hummingbird Av	Hawkins Rd	2112	5	2		X				X	4
Caracara Street	Hawkins Rd	Hummingbird Av	2112	6	3	X					X	4
Caracara Street	Hawkins Rd	Hummingbird Av	2112	4	3		X				X	4
Tanager Street	Hummingbird Av	Hawkins Rd	2112	5	1	X					X	4
Tanager Street	Hummingbird Av	Hawkins Rd	2112	3	4		X				X	4
Canary Street	Start Of Street West	Hummingbird Av	2112	5	4	X					X	4
Canary Street	Start Of Street West	Hummingbird Av	2112	5	4		X				X	4
Hawkins Rd	SR 72 Clark Rd	Tanager Street	13,992	10	8			X			X	4

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Hawkins Rd	SR 72 Clark Rd	Tanager Street	13,992	3	6				X		X	4
Coash Rd	SR 72 Clark Rd	North End Of Pavement	9240	5	4			X			X	4
Coash Rd.	SR 72 Clark Rd	North End Of Pavement	9240	5	4				X		X	4
Ibis Street	SR 72 Clark Rd.	Hawkins Rd.	2370	5	3			X			X	4
Ibis Street	SR 72 Clark Rd.	Hawkins Rd.	2370	0	0				X		X	4
Ibis Street	Hawkins Rd	Sernoa Dr.	3960	8	8			X			X	4
Ibis Street	Hawkins Rd	Sernoa Dr.	3960	5	5				X		X	4
Ibis Street	Sernoa Dr	8300 Ibis Street / Fence Gate	8184	15	5			X			X	4
Ibis Street	Sernoa Dr	8300 Ibis Street / Fence Gate	8184	7	5				X		X	4
Curlew Street	Ibis Street	Dove Rd	4224	3	6	X					X	4
Curlew Street	Ibis Street	Dove Rd	4224	3	5		X				X	4
Dove Rd	SR 72 Clark Rd	Curlew Rd.	1056	6	5			X			X	4
Dove Rd.	SR 72 Clark Rd	Curlew Rd.	1056	5	3				X		X	4
Dove Rd	Curlew Rd	Hawkins Rd	1056	9	9			X			X	4
Dove Rd	Curlew Rd	Hawkins Rd	1056	10	8				X		X	4
Border Ln	Beechwood Av	Meadowood Street	528	0	0	X					X	26
Border Ln	Beechwood Av	Meadowood Street	528	6	4		X				X	26
Hollywood Bv	Meadowood Street	Hazelwood Rd. West	2112	6	2			X			X	26
Hollywood Bv	Meadowood Street	Hazelwood Rd. West	2112	6	4				X		X	26
Hollywood Bv	Hazelwood Rd. West	South End Of Street	528	6	3			X			X	26
Hollywood Bv.	Hazelwood Rd. West	South End Of Street	528	6	3				X		X	26
Hazelwood Rd. West	Hollywood Bv	Beechwood Av.	264	6	3	X					X	26
Hazelwood Street West	Hollywood Bv.	Beechwood Av.	264	5	4		X				X	26
Stanford Ln	Hollywood Bv	West End Of Street	1848	3	5	X					X	26
Stanford Ln	Hollywood Bv	West End Of Street	1848	3	4		X				X	26
Shelburne Ln	Hollywood Bv	West End Of Street	1584	3	4	X					X	26
Shelburne Ln.	Hollywood Bv	West End Of Street	1584	3	5		X				X	26
Ridgewood Ln	Hollywood Bv	West End Of Street	1584	3	3	X					X	26
Ridgewood Ln.	Hollywood Bv	West End Of Street	1584	3	4		X				X	26
Beechwood Av	Hazelwood Rd. West	Stickney Point Rd.	1584	5	2			X			X	26
Beechwood Av	Hazelwood Rd. West	Stickney Point Rd.	1584	3	2				X		X	26
Dawn Street	Avenue B&C	Avenue D	1056	3	4	X					X	26
Dawn Street	Avenue B&C	Avenue D	1056	4	3		X				X	26
Avenue D	SR 72 Clark Rd.	Anchorage Street	1584	5	3			X			X	26

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Avenue D	SR 72 Clark Rd	Anchorage Street	1584	4	4				X		X	26
Anchorage Street	Avenue D	Avenue C	264	3	3			X			X	26
Anchorage Street	Avenue D	Avenue C	264	0	0				X		X	26
Billings Street	Avenue C	Avenue D	528	4	4	X					X	26
Billings Street	Avenue C	Avenue D	528	4	3		X				X	26
Cheyenne Street	Avenue D	Avenue C	1056	4	3	X					X	26
Cheyenne Street	Avenue D	Avenue C	1056	4	4		X				X	26
Baywood Dr.	South Tamiami Trail	Cul - De - Sac	1584	5	5			X			X	26
Baywood Dr.	South Tamiami Trail	Cul - De - Sac	1584	4	3				X		X	26
Baywood Way	Baywood Dr.	Cul - De - Sac	792	5	3			X			X	26
Baywood Way	Baywood Dr.	Cul - De - Sac	792	3	4				X		X	26
Avenue A	Baywood Dr.	Start Of Street South	528	0	0			X			X	26
Avenue A	Baywood Dr.	Start Of Street South	528	6	3				X		X	26
Pinehurst Street	Beneva Rd	South Tamiami Trail	3696	5	5	X					X	7
Pinehurst Street	Beneva Rd	South Tamiami Trail	3696	5	6		X				X	7
Doud Street	South Tamiami Trail	Beneva Rd.	3168	3	2	X					X	7
Doud Street	South Tamiami Trail	Beneva Rd	3168	2	3		X				X	7
Hively Street	Beneva Rd	Nixon Av.	2112	2	3	X					X	7
Hively Street	Beneva Rd	Nixon Av	2112	4	2		X				X	7
Hively Street	Nixon Av	Dale Av	528	0	0	X					X	7
Hively Street	Nixon Av	Dale Av	528	1	3		X				X	7
Eugene Street	Beneva Rd.	Williams Av.	528	4	3	X					X	7
Eugene Street	Beneva Rd.	Williams Av.	528	4	2		X				X	7
Eugene Street	Williams Av	Wright Av	528	3	4	X					X	7
Eugene Street	Williams Av	Wright Av	528	3	3		X				X	7
Eugene Street	Wright Av	Nixon Av.	528	3	2	X					X	7
Eugene Street	Wright Av	Nixon Av	528	0	0		X				X	7
Eugene Street	Nixon Av	South Tamiami Trail	528	0	0	X					X	7
Eugene Street	Nixon Av	South Tamiami Trail	528	3	3		X				X	7
Nixon Av	Eugene St	Doud St.	528	3	4			X			X	7
Nixon Av	Eugene St	Doud St.	528	0	0				X		X	7
Dale Av	Pinehurst St.	Hively St	528	0	0			X			X	7
Dale Av.	Pinehurst St	Hively St	528	0	0				X		X	7
Wright Av.	Eugene St	Doud St.	528	3	3			X			X	7

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Wright Av	Eugene St.	Doubt St.	528	3	3				X		X	7
Wright Av	Start Of Street North	Eugene St	150	3	3			X			X	7
Wright Av	Start Of Street North	Eugene St	150	3	3				X		X	7
Williams Av	Eugene St.	Hively St.	264	4	3			X			X	7
Williams Av	Eugene St	Hively St.	264	3	3				X		X	7
Williams Av	Hively St	Pinchurst St.	264	3	3			X			X	7
Williams Av	Hively St	Pinchurst St.	264	0	0				X		X	7
Bruceckner Dr	South Tamiami Trail	Mariana Dr	1584	4	4	X					X	7
Bruceckner Dr	South Tamiami Trail	Mariana Dr.	1584	4	4		X				X	7
Cass Street	South Tamiami Trail	Cass Cir.	1584	4	4	X					X	7
Cass Street	South Tamiami Trail	Cass Cir.	1584	3	4		X				X	7
Cass Cir.	Cass St.	Inner Cass Cir	264	2	3			X			X	7
Cass Cir	Cass St	Inner Cass Cir	264	3	3				X		X	7
Cass Way	South Tamiami Trail	Cass Cir.	528	4	5			X			X	7
Cass Way	South Tamiami Trail	Cass Cir.	528	0	0				X		X	7
Inner Cass Cir	Cass Cir.	Cass Cir.	792	4	5	X					X	7
Inner Cass Cir	Cass Cir.	Cass Cir.	792	4	4		X				X	7
Holiday Dr South	South Tamiami Trail	Holiday Dr South	528	3	4	X					X	7
Holiday Dr South	South Tamiami Trail	Holiday Dr. South	528	0	0		X				X	7
Vamo Rd	South Tamiami Trail	Pelican Cove Rd.	528	0	0	X					X	26
Vamo Rd.	South Tamiami Trail	Pelican Cove Rd.	528	0	0		X				X	26
Vamo Rd	Pelican Cove Rd	Wharf Rd	3168	4	2	X					X	26
Vamo Rd	Pelican Cove Rd.	Wharf Rd	3168	6	3		X				X	26
Vamo Rd.	Wharf Rd.	Vamo Way	4488	6	3	X					X	26
Vamo Rd	Wharf Rd	Vamo Way	4488	5	3		X				X	26
Vamo Way	Vamo Rd	Phylliss Av.	1584	0	0	X					X	26
Vamo Way	Vamo Rd.	Phylliss Av.	1584	8	3		X				X	26
Vamo Way	Phylliss Av	South Tamiami Trail	528	5	4	X					X	26
Vamo Way	Phylliss Av.	South Tamiami Trail	528	8	3		X				X	26
Vamo Way	South Tamiami Trail	Silkwood Ct.	528	6	5	X					X	26
Vamo Way	South Tamiami Trail	Silkwood Ct.	528	0	0		X				X	26
Vamo Way	Silkwood Ct	End Of Street	264	2	3	X					X	26
Vamo Way	Silkwood Ct	End Of Street	264	0	0		X				X	26
Phylliss Av	Vamo Way	Wharf Rd.	1320	4	2			X			X	26

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Phyllis Av.	Vamo Way	Wharf Rd.	1320	4	5				X		X	26
Pohoy Av.	Wharf Rd	Vamo Way	1056	5	4			X			X	26
Pohoy Av.	Wharf Rd	Vamo Way	1056	4	4				X		X	26
Wharf Rd	South Tamiami Trail	Dunmore Dr	3432	3	5	X					X	26
Wharf Rd	South Tamiami Trail	Dunmore Dr.	3432	4	5		X				X	26
Debbie Street	Vamo Rd	South Tamiami Trail	1056	4	5	X					X	26
Debbie Street	Vamo Rd	South Tamiami Trail	1056	4	4		X				X	26
Marbeth Street	South Tamiami Trail	Vamo Rd	1056	5	4	X					X	26
Marbeth Street	South Tamiami Trail	Vamo Rd	1056	4	4		X				X	26
Cordes Street	South Tamiami Trail	Cordes Way	1056	6	3	X					X	10
Cordes Street	South Tamiami Trail	Cordes Way	1056	6	3		X				X	10
Cordes Way	Cordes St	Cordes St	528	3	3	X					X	10
Cordes Way	Cordes St	Cordes St.	528	4	5		X				X	10
Freymore Street	South Tamiami Trail	Oak Bay Dr	6864	9	2	X					X	10
Freymore Street	South Tamiami Trail	Oak Bay Dr	6864	7	3		X				X	10
Washington Av	South Tamiami Trail	Bay Street North	3904	5	3			X			X	10
Washington Av	South Tamiami Trail	Bay Street North	3904	5	3				X		X	10
Patterson Av	Bay Street North	Ogbum St	528	4	4			X			X	10
Patterson Av.	Bay Street North	Ogbum St	528	4	4				X		X	10
Patterson Av.	Ogbum St	North End Of Street	2112	0	0			X			X	10
Patterson Av	Ogbum St	North End Of Street	2112	4	2				X		X	10
Pennsylvania Av	North End Of Street	Church St	1056	11	6			X			X	10
Pennsylvania Av	North End Of Street	Church St.	1056	5	5				X		X	10
Green Street	Pennsylvania Av.	Glenwood Av.	528	0	0	X					X	10
Green Street	Pennsylvania Av	Glenwood Av.	528	8	4		X				X	10
Bay Street East	South Tamiami Trail	Old Venice Rd	2376	8	5	X					X	10
Bay Street East	South Tamiami Trail	Old Venice Rd	2376	13	5		X				X	10
Bay Street East	Old Venice Rd.	Faith Av.	1584	0	0	X					X	10
Bay Street East	Old Venice Rd	Faith Av.	1584	15	6		X				X	10
Bay Street East	Faith Av	Pine Ranch Rd	3432	6	2	X					X	10
Bay Street East	Faith Av	Pine Ranch Rd	3432	10	6		X				X	10
Old Venice Rd	Bay St	South Tamiami Trail	5544	18	9			X			X	10
Old Venice Rd	Bay St	South Tamiami Trail	5544	6	2				X		X	10
Sunset Rd.	Dayshore Dr	Sarabay Rd	528	5	2	X					X	26

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Sunset Dr	Bayshore Dr	Sarahay Rd	528	5	2			X			X	26
Bayshore Dr.	Sunset Dr	Bay Av.	792	5	3			X			X	26
Bayshore Dr	Sunset Dr	Bay Av.	792	5	2				X		X	26
Bay Vista Av	Bay Av	Bay Acres Av	528	0	0			X			X	26
Bay Vista Av	Bay Av	Bay Acres Av	528	5	2				X		X	26
Sara Bay Rd	South Tamiami Trail	Start Of Street	2640	7	3			X			X	26
Sara Bay Rd	South Tamiami Trail	Start Of Street	2640	8	3				X		X	26
Happy Haven Dr	South Tamiami Trail	Start Of Street	792	8	5	X					X	26
Happy Haven Dr	South Tamiami Trail	Start Of Street	792	6	4		X				X	26
Blackburn Point Rd	South Tamiami Trail	Casey Key Rd.	5280	11	6	X					X	26
Blackburn Point Rd	South Tamiami Trail	Casey Key Rd.	5280	10	5		X				X	26
Highland Rd.	Shoreland Dr	North Ln.	1056	10	5			X			X	26
Highland Rd.	Shoreland Dr	North Ln.	1056	8	4				X		X	26
Shoreland Dr.	South Tamiami Trail	North Ln.	1584	10	5			X			X	26
Shoreland Dr.	South Tamiami Trail	North Ln.	1584	10	5				X		X	26
Park Dr.	Shoreland Dr.	Highland Rd.	528	8	6	X					X	26
Park Dr	Shoreland Dr.	Highland Rd.	528	7	5		X				X	26
Westview Dr	Shoreland Dr	Highland Rd.	528	4	3	X					X	26
Westview Dr	Shoreland Dr.	Highland Rd.	528	7	2		X				X	26
Palmetto St	Lychee Rd.	Montana Av.	1584	9	3			X			X	26
Palmetto St	Lychee Rd	Montana Av.	1584	8	3				X		X	26
Gulf Av	South Tamiami Trail	Lake Shore Dr	1848	5	2	X					X	10
Gulf Av	South Tamiami Trail	Lake Shore Dr.	1848	8	5		X				X	10
Lake Shore Dr	South Dr	North Of Hibiscus St.	1584	5	3			X			X	10
Lake Shore Dr	South Dr	North Of Hibiscus St.	1584	5	2				X		X	10
Pine Ct	Hibiscus St	Palmetto St	264	4	2			X			X	10
Pine Ct.	Hibiscus St	Palmetto St.	264	6	2				X		X	10
Palmetto Street	Pine Ct.	Lake Shore Dr	528	3	1	X					X	10
Palmetto Street	Pine Ct.	Lake Shore Dr.	528	3	1		X				X	10
Pine Av	Gulf Av	Palmetto St.	264	0	0			X			X	10
Pine Av	Gulf Av	Palmetto St.	264	7	3				X		X	10
Myrtle Av	Pine St.	Bayshore Dr.	1056	6	3	X					X	26
Myrtle Av	Pine St	Bayshore Dr.	1056	5	2		X				X	26
Pine Street	Hills Rd	Blackburn Rd.	560	0	0			X			X	26

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	Basin
Pine Street	Hills Rd	Blackburn Rd	560	6	3				X		X	26
Charles Dr	Oak St	South Tamiami Trail	792	0	0	X					X	26
Charles Dr	Oak St	South Tamiami Trail	792	6	4		X				X	26
Morgan Street	Blackburn Rd	Charles Dr	264	0	0			X			X	26
Morgan Street	Blackburn Rd	Charles Dr	264	5	2				X		X	26
Blackburn Rd	South Tamiami Trail	Bayshore Dr	2112	6	4	X					X	26
Blackburn Rd	South Tamiami Trail	Bayshore Dr	2112	8	5		X				X	26
Oak Street	Roberts Rd	Blackburn Rd	1320	8	6			X			X	26
Oak Street	Roberts Rd	Blackburn Rd	1320	7	4				X		X	26
Citrus Dr	Pearl Av	Oak St	528	7	5	X					X	26
Citrus Dr	Pearl Av	Oak St	528	7	4		X				X	26
Lime Dr	Pearl Av	Bayshore Rd	1320	8	4	X					X	26
Lime Dr	Pearl Av	Bayshore Rd	1320	7	4		X				X	26
Hills Rd	Bayshore Rd	Old Trail	1584	8	5	X					X	26
Hills Rd	Bayshore Rd	Old Trail	1584	6	4		X				X	26
Lakeview Dr	South Tamiami Trail	Sunset Av	1584	8	5	X					X	12
Lakeview Dr	South Tamiami Trail	Sunset Av	1584	6	4		X				X	12
Lakeview Dr	Sunset Av	Twin Lakes Av	528	8	3	X					X	12
Lakeview Dr	Sunset Av	Twin Lakes Av	528	7	3		X				X	12
Twin Lakes Av	Lakeview Dr	Myrtle Dr	1320	0	0			X			X	12
Twin Lakes Av	Lakeview Dr	Myrtle Dr	1320	5	4				X		X	12
Sunrise Dr	Twin Lakes Dr	Sunset Av	528	8	5	X					X	12
Sunrise Dr	Twin Lakes Dr	Sunset Av	528	9	4		X				X	12
Sunset Av	Lakeview Dr	Sunrise Dr	528	6	4			X			X	12
Sunset Av	Lakeview Dr	Sunrise Dr	528	6	4				X		X	13
Sunset Av	Lakeview Dr	Laurel Rd	528	7	4			X			X	12
Sunset Av	Lakeview Dr	Laurel Rd	528	5	3				X		X	12
Gayle Av	Lakeview Dr	Sunrise Dr	792	6	3			X			X	12
Gayle Av	Lakeview Dr	Sunrise Dr	792	5	3				X		X	12
Laurel Rd	Bayshore Rd	South Tamiami Trail	2640	7	3	X					X	26
Laurel Rd	Bayshore Rd	South Tamiami Trail	2640	8	3		X				X	26
Laurel Rd	RXR	Albee Farm Rd	5280	16	11	X					X	12
Laurel Rd	RXR	Albee Farm Rd	5280	19	9		X				X	12
Laurel Rd	Albee Farm Rd	Pinebrook Rd	5280	19	9	X					X	12

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE	NORTH DEPTH	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Laurel Rd	Albee Farm Rd	Pinebrook Rd.	5280	27	14			X			X	12
Bayshore Rd.	Laurel Rd	Albee Rd.	5280	6	4				X		X	26
Bayshore Rd	Laurel Rd.	Albee Rd.	5280	5	4					X	X	26
Shore Rd	Laurel Rd	Albee Rd.	6072	8	5				X		X	26
Shore Rd	Laurel Rd	Albee Rd.	6072	8	4					X	X	26
Channel Acres Rd	Shore Rd	Dolphin Shores Cir.	1056	5	3		X				X	26
Channel Acres Rd	Shore Rd	Dolphin Shores Cir.	1056	4	3			X			X	26
Acacia Ln.	Channel Acres Rd	Channel Acres Rd.	1056	5	3				X		X	26
Acacia Ln.	Channel Acres Rd	Channel Acres Rd	1056	0	0					X	X	26
Winfield Way	Channel Acres Rd	Cul - De - Sac	1584	4	2				X		X	26
Winfield Way	Channel Acres Rd	Cul - De - Sac	1584	4	2					X	X	26
Shore Tee Rd	Shore Tee Rd.	Shore Rd.	792	5	3		X				X	26
Shore Tee Rd	Shore Tee Rd.	Shore Rd.	792	6	3			X			X	26
Avenida De La Isla	South Tamiami Trail	Start Of Street North	1056	5	3		X				X	12
Avenida De La Isla	South Tamiami Trail	Start Of Street North	1056	5	3			X			X	12
Avenida Bahia	South Tamiami Trail	Start Of Street North	1056	6	3		X				X	12
Avenida Bahia	South Tamiami Trail	Start Of Street North	1056	5	3			X			X	12
Avenida La Palma	South Tamiami Trail	Address 200 North	528	6	3		X				X	12
Avenida La Palma	South Tamiami Trail	Address 200 North	528	8	4			X			X	12
Palmetto Rd. North	South Tamiami Trail	Lyons Bay Rd. North	1584	6	3		X				X	26
Palmetto Rd. North	South Tamiami Trail	Lyons Bay Rd. North	1584	8	4			X			X	26
Palmetto Rd.	Magnolia Av. North	Poinciana Rd	2376	8	4				X		X	26
Palmetto Rd	Magnolia Av. North	Poinciana Rd.	2376	8	4					X	X	26
Palmetto Rd	Poinciana Rd.	Cocoonut Crescent	792	6	3				X		X	26
Palmetto Rd	Poinciana Rd.	Cocoonut Crescent	792	6	4					X	X	26
Cocoonut Crescent	Lyons Bay Rd.	Palm Av.	300	6	3		X				X	26
Cocoonut Crescent	Lyons Bay Rd.	Palm Av.	300	5	3			X			X	26
Mission Valley Bv	Laurel Rd.	Mackintosh Bv.	5280	16	5				X		X	12
Mission Valley Bv	Laurel rd.	Mackintosh Bv.	5280	16	5					X	X	12
Mackintosh Bv	Mission Valley Bv	Shire St.	3168	8	4				X		X	12
Mackintosh Bv	Mission Valley Bv	Shire St.	3168	8	4					X	X	12
Bayview Dr	Laurel Rd	Garland Av	1320	11	2				X		X	12
Bayview Dr.	Laurel Rd	Garland Av.	1320	7	3					X	X	12
Garland Av	Bayview Dr.	Orange Av.	528	10	5				X		X	12

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	Basin
Garland Av	Bayview Dr	Orange Av	528	6	3				X		X	12
Orange Av	Garland Av	Bayview Dr	792	5	3	X					X	12
Orange Av	Garland Av	Bayview Dr	792	5	3		X				X	12
Cocoanut Av	Bayview Dr	Orange Av	528	5	3			X			X	12
Cocoanut Av	Bayview Dr	Orange Av	528	4	3				X		X	12
Dona Way	Albee Farm Rd	Bonito Av	1056	0	0	X					X	13
Dona Way	Albee Farm Rd	Bonito Av	1056	4	2		X				X	13
Dona Way	Bonito Av	Portia St	792	6	3	X					X	13
Dona Way	Bonito Av	Portia St	792	4	2		X				X	13
Dona Way	Portia St	West End Of Ravenna St	528	8	4	X					X	13
Dona Way	Portia St	West End Of Ravenna St	528	3	3		X				X	13
Marlin St	Albee Farm Rd	Cut - De - Sac	528	6	3	X					X	13
Marlin St	Albee Farm Rd	Cut - De - Sac	528	6	4		X				X	13
Portia St	North End Of St	Dona Way	1320	5	4			X			X	13
Portia St	North End Of St	Dona Way	1320	6	3				X		X	13
Portia St	Dona Way	Lucille Av	1056	5	3			X			X	13
Portia St	Dona Way	Lucille Av	1056	6	2				X		X	13
Portia St	Lucille Av	Florence St	1056	5	3			X			X	13
Portia St	Lucille Av	Florence St	1056	8	4				X		X	13
Portia St	Florence St	Colonia Ln	1056	12	4			X			X	13
Portia St	Florence St	Colonia Ln	1056	7	2				X		X	13
Ravenna St	Dona Way	Portia St	528	5	3			X			X	13
Ravenna St	Dona Way	Portia St	528	8	4				X		X	13
Ravenna St	Dona Way	South Of Lucille Av	1056	6	3			X			X	13
Ravenna St	Dona Way	South Of Lucille Av	1056	5	2				X		X	13
Ravenna St	South Of Lucille Av	Colonia Ln	2640	10	4			X			X	13
Ravenna St	South Of Lucille Av	Colonia Ln	2640	10	4				X		X	13
Jessica St	Colonia Ln	Portia St	3696	6	3			X			X	13
Jessica St	Colonia Ln	Portia St	3696	6	4				X		X	13
Hillcrest Dr	Portia St	Jessica St	528	0	0	X					X	13
Hillcrest Dr	Portia St	Jessica St	528	0	0		X				X	13
Hillcrest Dr	Jessica St	Start Of St	528	5	4	X					X	13
Hillcrest Dr	Jessica St	Start Of St	528	6	3		X				X	13
Lucille Av	Portia St	Ravenna St	528	6	3	X					X	13

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Lucille Av	Portia St	Ravenna St.	528	7	3		X				X	13
Lucille Av	Ravenna St	Start Of St	528	6	4	X					X	13
Lucille Av.	Ravenna St	Start Of St	528	6	3		X				X	13
Aquila St	North End Of St	Florence St.	1320	0	0			X			X	13
Aquila St	North End Of St	Florence St.	1320	8	4				X		X	13
Florence St	Albee Farm Rd	Portia St.	1056	5	1	X					X	13
Florence St	Albee Farm Rd	Portia St	1056	6	4		X				X	13
Florence St.	Portia St	River Bv.	792	5	3	X					X	13
Florence St	Portia St	River Bv.	792	5	3		X				X	13
Florence St	River Bv	Marland Ct	528	5	4	X					X	13
Florence St.	River Bv	Marland Ct	528	5	3		X				X	13
Florence St	Marland Ct.	River View Dr.	528	6	2	X					X	13
Florence St.	Marland St	River View Dr.	528	0	0		X				X	13
Sierra St	Florence St	North End Of St	1320	6	3			X			X	13
Sierra St	Florence St	North End Of St.	1320	7	3				X		X	13
Verona St.	Florence St.	North End Of St	1320	7	3			X			X	13
Verona St.	Florence St	North End Of St.	1320	8	3				X		X	13
Adriatic St	River Bv	Aquila St.	1584	10	3	X					X	13
Adriatic St.	River Bv	Aquila St.	1584	8	4		X				X	13
River Bv.	Lucille Av.	Florence St	1320	10	3			X			X	13
River Bv	Lucille Av	Florence St	1320	0	0				X		X	13
River Bv	Florence St	Colonia Ln.	1320	10	3			X			X	13
River Bv	Florence St	Colonial Ln	1320	8	3				X		X	13
Padua Ct	River Bv	Pompano Ln.	1584	8	4	X					X	13
Padua Ct.	River Bv	Pompano Ln.	1584	7	3		X				X	13
Trout Ln	Padua Ct	Cul - De - Sac	150	0	0			X			X	13
Trout Ln	Padua Ct	Cul - De - Sac	150	6	2				X		X	13
Bass Ln	Padua Ct	Cul - De - Sac	150	6	3			X			X	13
Bass Ln.	Padua Ct.	Cul - De - Sac	150	7	2				X		X	13
Loreto Ct	River Bv	End Of St. West	528	10	4	X					X	13
Loreto Ct	River Bv	End Of St. West	528	8	3		X				X	13
River View Dr	Padua Ct.	Florence St.	1056	5	2			X			X	13
River View Dr	Padua Ct	Florence St	1056	0	0				X		X	13
River View Dr	Florence St	Aljohn St.	528	8	2			X			X	13

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
River View Dr	Florence St	Alloha St.	528	0	0				X		X	13
Alloha St	River View Dr.	End Of St.	792	0	0	X					X	13
Alloha St.	River View Dr	End Of St.	792	8	3		X				X	13
Pompano Ln	North End Of St	Coquina Ct.	528	8	4			X			X	13
Pompano Ln.	North End Of St	Coquina Ct.	528	8	4				X		X	13
Coquina Ct	Pompano Ct	East End Of St.	792	8	3	X					X	13
Coquina Ct	Pompano Ct.	East End Of St	792	10	2		X				X	13
Frances St	East End Of St	West End Of St.	792	5	3	X					X	13
Frances St	East End Of St	West End Of St.	792	6	2		X				X	13
Colonia Ln	Orange Grove Av	Albee Farm Rd	1320	10	4	X					X	13
Colonia Ln.	Orange Grove Av	Albee Farm Rd.	1320	0	0		X				X	13
Colonia Ln	Albee Farm Rd	Nippino Trail	4224	10	3	X					X	13
Colonia Ln	Albee Farm Rd	Nippino Trail	4224	8	4		X				X	13
Orange Grove Av	Colonia Ln	Scotties Place	1848	10	6			X			X	13
Orange Grove Av	Colonia Ln	Scotties Place	1848	11	3				X		X	13
Kenwood Av.	Colonia Ln	Edmondson Rd.	1320	8	3			X			X	13
Kenwood Av	Colonia Ln	Edmondson Rd	1320	9	4				X		X	13
Shadylawn Av	Edmondson Rd	Colonia Ln.	1320	8	3			X			X	13
Shadylawn Av.	Edmondson Rd	Colonia Ln.	1320	7	3				X		X	13
Pinewood Av.	Colonia Ln.	Edmondson Rd.	1320	10	3			X			X	13
Pinewood Av.	Colonia Ln	Edmondson Rd.	1320	8	4				X		X	13
Olive Av.	Colonia Ln	North End Of St.	792	9	3			X			X	13
Olive Av	Colonia Ln	North End Of St.	792	8	4				X		X	13
Venelia St.	Albee Farm Rd	Orange Grove Av.	1056	6	3	X					X	13
Venelia St	Albee Farm Rd.	Orange Grove Av.	1056	7	3		X				X	13
Edmondson Rd.	Irene Av	Albee Farm Rd.	2640	6	4			X			X	13
Edmondson Rd	Irene Av	Albee Farm Rd.	2640	10	3				X		X	13
Pearl Av.	Edmondson Rd	Kilpatrick Rd.	1320	11	4			X			X	13
Pearl Av.	Edmondson Rd	Kilpatrick Rd.	1320	10	4				X		X	13
Ruby Av.	Kilpatrick Rd.	Edmondson Rd.	1320	10	4			X			X	13
Ruby Av.	Kilpatrick Rd	Edmondson Rd	1320	10	4				X		X	13
Emerald Av.	Edmondson Rd	Kilpatrick Rd.	1320	9	3			X			X	13
Emerald Av	Edmondson Rd	Kilpatrick Rd.	1320	11	4				X		X	13
Irene Av.	Kilpatrick Rd.	Edmondson Rd.	1320	4	2			X			X	13

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Irene Av.	Kilpatrick Rd	Edmondson Rd.	1320	6	3				X		X	13
Robbins Rd	Albee Farm Rd	Old Albee Farm Rd	1320	10	4	X					X	12
Robbins Rd.	Albee Farm Rd	Old Albee Farm Rd	1320	6	4		X				X	12
Old Albee Farm Rd	Robbins Rd.	Laurel Rd.	1848	11	4			X			X	12
Old Albee Farm Rd	Robbins Rd	Laurel Rd.	1848	12	6				X		X	12
Sorrento Ranches Dr	Old Albee Farm Rd	Kilpatrick Rd.	3960	10	3			X			X	12
Sorrento Ranches Dr	Old Albee Farm Rd	Kilpatrick Rd.	3960	6	3				X		X	12
Sandpiper Ln.	Robbins Rd	North End Of Street	1056	8	3			X			X	12
Sandpiper Ln.	Robbins Rd	North End Of Street	1056	5	5				X		X	12
Lesia Dr.	Sandpiper Ln.	Cut - De - Sac	528	5	3	X					X	12
Lesia Dr.	Sandpiper Ln	Cut - De - Sac	528	6	3		X				X	12
Coral Dr	Sandpiper Ln	Cut - De - Sac	528	5	4	X					X	12
Coral Dr.	Sandpiper Ln	Cut - De - Sac	528	5	4		X				X	12
Pine St.	Albee Farm Rd.	East End Of Street	1056	4	3	X					X	12
Pine St.	Albee Farm Rd.	East End Of Street	1056	7	3		X				X	12
Maple St	Albee Farm Rd.	East End Of Street	1056	6	3	X					X	12
Maple St	Albee Farm Rd	East End Of Street	1056	5	3		X				X	12
Pecan St	Albee Farm Rd	East End Of Street	1056	10	3	X					X	12
Pecan St.	Albee Farm Rd	East End Of Street	1056	7	3		X				X	12
Kilpatrick Rd	Albee Farm Rd.	R&F Ranch Rd.	5280	8	5	X					X	12
Kilpatrick Rd.	Albee Farm Rd	R&F Ranch Rd.	5280	14	7		X				X	12
Church St	Colonia Ln	South To Cut - De - Sac	792	0	0			X			X	13
Church St	Colonia Ln	South To Cut - De - Sac	792	8	3				X		X	13
Buena Vista Dr	Colonia Ln	Ceill Dr.	1848	10	3			X			X	13
Buena Vista Dr	Colonia Ln	Ceill Dr	1848	10	4				X		X	13
Ceill Dr	Buena Vista Dr	Ceill Ct	792	5	3			X			X	13
Ceill Dr.	Buena Vista Dr	Ceill Ct.	792	5	4				X		X	13
Ceill Ct.	Ceill St	Ceill St	792	5	3			X			X	13
Ceill Ct	Ceill St	Ceill St	792	5	4				X		X	13
Pocono Trail	Colonia Ln.	South Tamiami Trail	1320	0	0	X					X	13
Pocono Trail	Colonia Ln	South Tamiami Trail	1320	7	3		X				X	13
Auburn Rd.	Venice Av.	Border Rd	9184	13	8			X			X	13
Auburn Rd	Venice Av	Border Rd	9184	18	6				X		X	13
Kennedy Dr	Auburn Rd	East End Of Street	1056	13	5	X					X	13

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Kennedy Dr.	Auburn Rd.	East End Of Street	1056	10	4			X			X	13
Border Rd.	Havana Rd.	Jackson Rd.	2640	12	4				X		X	21
Border Rd.	Havana Rd.	Jackson Rd.	2640	13	4					X	X	21
Green Cove Rd.	Venice Av.	End At Canal 27-349	1848	13	6			X			X	21
Green Cove Rd.	Venice Av.	End At Canal 27-349	1848	7	4				X		X	21
Havana Rd.	Venice Av.	Bonita Rd.	3168	13	6			X			X	21
Havana Rd.	Venice Av.	Bonita Rd.	3168	8	3				X		X	21
Havana Rd.	Venice Av.	Gladesview Dr.	1056	13	6			X			X	21
Havana Rd.	Venice Av.	Gladesview Dr.	1056	6	3				X		X	21
Havana Rd.	North Of Canal 27-349	Frederick Rd.	1056	10	6			X			X	21
Havana Rd.	North Of Canal 27-349	Frederick Rd.	1056	15	6				X		X	21
Snyder Dr.	Jacaranda Bv.	Hanchey Bv.	2640	12	5	X					X	13
Snyder Dr.	Jacaranda Bv.	Hanchey Bv.	2640	14	5		X				X	13
Inverness Rd.	Venice Av.	North End Of Pavement	1584	21	6			X			X	21
Inverness Rd.	Venice Av.	North End Of Pavement	1584	0	0				X		X	21
Jackson Rd.	Venice Av.	Frederick Dr.	5544	18	6			X			X	21
Jackson Rd.	Venice Av.	Frederick Dr.	5544	15	4				X		X	21
Jackson Rd.	Frederick Dr.	Border Rd.	2640	13	6			X			X	21
Jackson Rd.	Frederick Dr.	Border Rd.	2640	12	5				X		X	21
Jackson Rd.	Venice Av.	Venice Landfill	2112	33	12			X			X	21
Jackson Rd.	Venice Av.	Venice Landfill	2112	5	4				X		X	21
Keystone Rd.	Venice Av.	Hardee Dr.	1848	15	8			X			X	21
Keystone Rd.	Venice Av.	Hardee Dr.	1848	5	4				X		X	21
Bonita Rd.	Havana Rd.	East Of #3440 Bonita Rd.	4752	15	8	X					X	21
Bonita Rd.	Havana Rd.	East Of #3440 Bonita Rd.	4752	4	4		X				X	21
Frederick Dr.	Jackson Rd.	Havana Rd.	2640	16	6	X					X	21
Frederick Dr.	Jackson Rd.	Havana Rd.	2640	13	6		X				X	21
Ewing Dr.	Jackson Rd.	East Of Havana Rd.	2376	13	5	X					X	21
Ewing Dr.	Jackson Rd.	East Of Havana Rd.	2376	7	4		X				X	21
Venice Av.	River Rd.	Jacaranda Bv.	12672	15	8	X					X	21
Venice Av.	River Rd.	Jacaranda Bv.	12672	16	7		X				X	21
Venice Av.	Jacaranda Bv.	City Limits - Pinebrook Rd.	10560	18	5	X					X	13
Venice Av.	Jacaranda Bv.	City Limits - Pinebrook Rd.	10560	14	5		X				X	13
Gladesview Dr.	Havana Rd.	End Of Pavement West	1320	13	8	X					X	13

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Gladesview Dr.	Havana Rd	End Of Pavement West	1320	0	0		X				X	13
Clermont Rd	Venice Av.	End Of Pavement South	1320	14	6			X			X	13
Clermont Rd.	Venice Av.	End Of Pavement South	1320	0	0				X		X	13
Jacaranda Bv	Venice Av	Center Rd	7920	13	4			X			X	13
Jacaranda Bv	Venice Av	Center Rd.	7920	13	4				X		X	13
Jacaranda Bv	South Tamiami Trail	S R.776	3168	28	4	X					X	15
Jacaranda Bv	South Tamiami Trail	S R.776	3168	28	4		X				X	15
Center Rd	River Rd	East Of Jacaranda Bv.	18480	8	5	X					X	14
Center Rd	River Rd.	East Of Jacaranda Bv.	18480	16	5		X				X	14
Center Rd	East Of Jacaranda Bv	South Tamiami Tr	11088	11	5	X					X	14
Center Rd	East Of Jacaranda Bv.	South Tamiami Tr.	11088	14	5		X				X	14
Banyan Dr.	Center Rd.	Shamrock Bv.	1848	6	3			X			X	14
Banyan Dr	Center Rd.	Shamrock Bv.	1848	6	4				X		X	14
Banyan Dr.	Shamrock Bv.	Briarwood Rd.	2112	0	0			X			X	14
Banyan Dr.	Shamrock Bv.	Briarwood Rd	2112	5	2				X		X	14
Glen Oak Rd	Banyan Dr.	East Shade Dr.	4488	6	3	X					X	14
Glen Oak Rd	Banyan Dr.	East Shade Dr.	4488	6	2		X				X	14
Redwood Rd	Banyan Dr	East Shade Dr.	4488	6	3	X					X	14
Redwood Rd	Banyan Dr	East Shade Dr.	4488	7	4		X				X	14
Larchwood Dr	Center Rd	Shamrock Bv.	1584	8	3			X			X	14
Larchwood Dr	Center Rd	Shamrock Dr	1584	0	0				X		X	14
Peppertree Rd	Center Rd	Redwood Rd.	528	6	3			X			X	14
Peppertree Rd	Center Rd	Redwood Rd	528	8	3				X		X	14
East Shade Dr	Center Rd	Redwood Rd.	528	0	0			X			X	14
East Shade Dr	Center Rd	Redwood Rd	528	11	6				X		X	14
Gardenia Rd	Banyan Dr.	Pomelo Dr	2376	10	3	X					X	14
Gardenia Rd	Banyan Dr	Pomelo Dr.	2376	8	3		X				X	14
Hillview Rd.	Banyan Dr	Pomelo Dr	2376	6	2	X					X	14
Hillview rd.	Banyan Dr	Pomelo Dr.	2376	5	2		X				X	14
Sea Grape Rd.	Banyan Dr	Pomelo Dr.	2112	6	3	X					X	14
Sea Grape Rd	Banyan Dr	Pomelo Dr	2112	5	3		X				X	14
Pine Tree Rd	Pomelo Dr.	Banyan Dr	1848	0	0	X					X	14
Pine Tree Rd	Pomelo Dr.	Banyan Dr.	1848	11	6		X				X	14
Pomelo Dr	Shamrock Bv	Briarwood Rd	1848	11	6			X			X	14

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	Basin
Pomelo Dr	Shamrock Bs.	Brianwood Rd.	1848	7	6				X		X	14
Brianwood Rd	Clover Rd	Pomelo Dr	1320	6	3	X					X	15
Brianwood Rd	Clover Rd	Pomelo Dr	1320	6	4		X				X	15
Brianwood Rd	Pomelo Dr	Banyan Dr.	1584	0	0	X					X	15
Brianwood Rd	Pomelo Dr	Banyan Dr	1584	4	2		X				X	15
Valencia Rd	Brianwood Rd	Baffin Dr.	2640	11	7			X			X	15
Valencia Rd.	Brianwood Rd	Baffin Dr	2640	9	6				X		X	15
Valencia Rd	Baffin Dr	Nightingale Rd	792	12	7			X			X	15
Valencia Rd	Baffin Dr.	Nightingale Rd.	792	10	6				X		X	15
Fiesta Dr	Brianwood Rd	Seminole Dr	1584	10	6			X			X	15
Fiesta Dr.	Brianwood Rd	Seminole Dr.	1584	11	7				X		X	15
Fiesta Dr	Seminole Dr	Baffin Dr.	1056	9	4			X			X	15
Fiesta Dr.	Seminole Dr	Baffin Dr	1056	9	4				X		X	15
Nocturne Rd.	Darwin Rd	Trojan Rd.	1848	11	5			X			X	15
Nocturne Rd.	Darwin Rd	Trojan Rd.	1848	8	5				X		X	15
Trojan Rd	Nocturne Rd	Nightingale Rd	792	6	3	X					X	15
Trojan Rd	Nocturne Rd.	Nightingale Rd	792	5	2		X				X	15
Oneida Rd	South Tamiami Trail	Durian Rd.	1320	10	6	X					X	15
Oneida Rd	South Tamiami Trail	Durian Rd	1320	7	4		X				X	15
Rigel Rd.	Oneida Rd	Seminole Dr	2112	8	4	X		X			X	15
Rigel Rd.	Oneida Rd.	Seminole Dr	2112	8	5		X		X		X	15
Durian Rd.	South Tamiami Trail	Rigel Rd.	1320	8	4	X					X	15
Durian Rd.	South Tamiami Trail	Rigel Rd.	1320	9	5		X				X	15
Englewood Rd. South	End Of R/W N. Of Oneida	South Of Hermes Rd.	3960	10	4			X			X	15
Englewood Rd South	End of R/W No. of Oneida	South of Hermes Rd.	3960	10	3				X		X	15
Yucca Rd	Oneida Rd.	Durian Rd	792	7	3			X			X	15
Yucca Rd	Oneida Rd	Durian Rd.	792	6	3				X		X	15
Morningside Dr	Old Englewood Rd	Valencia Rd	3696	8	3			X			X	15
Morningside Dr	Old Englewood Rd	Valencia Rd	3696	8	5				X		X	15
Tanager Rd.	Old Englewood Rd	Fiesta Dr	4224	7	5	X					X	15
Tanager Rd	Old Englewood Rd	Fiesta Dr	4224	8	4		X				X	15
Seminole Dr	Fiesta Dr	Siesta Dr	5280	8	4	X					X	15
Seminole Dr	Fiesta Dr	Siesta Dr	5280	10	5		X				X	15
Baffin Dr.	Shamrock Dr.	South Tamiami Trail	5280	6	3	X					X	15

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Baffin Dr	Shamrock Dr.	South Tamiami Trail	5280	10	4		X				X	15
Baffin Dr	South Tamiami Trail	Valencia Rd.	2640	8	4	X					X	15
Baffin Dr.	South Tamiami Trail	Valencia Rd.	2640	8	5		X				X	15
Baffin Dr.	Valencia Rd.	End Of East Nocturne Rd.	1584	8	3	X					X	15
Baffin Dr	Valencia Rd	End Of East Nocturne Rd	1584	13	6		X				X	15
Nightingale Rd	Nocturne Rd.	Trojan Rd.	528	6	4	X					X	15
Nightingale Rd	Nocturne Rd.	Trojan Rd	528	5	4		X				X	15
Nightingale Rd	Trojan Rd	Geneva Rd.	2376	6	4	X					X	15
Nightingale Rd.	Trojan Rd.	Geneva Rd.	2376	5	3		X				X	15
Shasta Rd	Fiesta Dr	Carmine Rd.	792	8	3	X					X	15
Shasta Rd.	Fiesta Dr.	Carmine Rd.	792	8	5		X				X	15
Carmine Rd	Rosedale Rd.	Tanager Rd.	792	7	4			X			X	15
Carmine Rd.	Rosedale Rd	Tanager Rd.	792	8	4				X		X	15
Rosedale Rd.	Fiesta Dr	Morningside Rd.	1584	8	5			X			X	15
Rosedale Rd	Fiesta Dr.	Morningside Rd.	1584	10	4				X		X	15
Rosedale Rd	Fiesta Dr.	East Of Mohegan Rd	528	7	3			X			X	15
Rosedale Rd	Fiesta Dr.	East Of Mohegan Rd	528	8	3				X		X	15
Concord Rd	Seminole Dr	Baffin Dr.	1320	9	4			X			X	15
Concord Rd.	Seminole Dr	Baffin Dr.	1320	8	5				X		X	15
Odessa Rd	Seminole Dr	Baffin Dr	1320	7	3			X			X	15
Odessa Rd	Seminole Dr.	Baffin Dr	1320	6	4				X		X	15
Argyle Rd.	Seminole Dr.	Baffin Dr.	1320	6	4			X			X	15
Argyle Rd.	Seminole Dr	Baffin Dr	1320	5	3				X		X	15
Myakka Rd.	Seminole Dr.	Beverly Rd.	528	7	3			X			X	15
Myakka Rd	Seminole Dr	Beverly Rd	528	6	4				X		X	15
Beverly Rd.	Argyle Rd	Fiesta Dr.	3168	10	3			X			X	15
Beverly Rd.	Argyle Rd	Fiesta Dr.	3168	8	4				X		X	15
Bradenton Rd	Fiesta Dr.	Valencia Rd.	1056	8	4			X			X	15
Bradenton Rd.	Fiesta Dr	Valencia Rd.	1056	6	4				X		X	15
Bradenton Rd	Valencia Rd	Argyle Rd.	1848	8	5			X			X	15
Bradenton Rd	Valencia Rd	Argyle Rd.	1848	7	4				X		X	15
Crocus Rd	Dagon Rd	Geneva Rd.	792	7	3	X					X	15
Crocus Rd.	Dagon Rd	Geneva Rd.	792	8	4		X				X	15
Geneva Rd.	Crocus Rd	Baffin Dr	2376	10	5			X			X	15

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Geneva Rd	Crocus Rd	Baffin Dr	2376	10	4				X		X	15
Geneva Rd	Baffin Dr	South Of Nightingale Rd	792	10	5			X			X	15
Geneva Rd	Baffin Dr	South Of Nightingale Rd	792	10	6				X		X	15
Hermes Rd	Old Englewood Rd	Geneva Rd	792	8	6	X					X	15
Hermes Rd	Old Englewood Rd	Geneva Rd	792	8	4		X				X	15
Argus Rd	Old Englewood Rd	Sapphire Rd	2640	8	5	X					X	15
Argus Rd	Old Englewood Rd	Sapphire Rd	2640	7	3		X				X	15
Altair Rd	Sapphire Rd	Old Englewood Rd	2640	7	4	X					X	15
Altair Rd	Sapphire Rd	Old Englewood Rd	2640	7	4		X				X	15
Sapphire Rd	Morningside Rd	Tanager Rd	528	8	5			X			X	15
Sapphire Rd	Morningside Rd	Tanager Rd	528	8	4				X		X	15
Serpula Rd	Tanager Rd	Morningside Rd	528	10	7			X			X	15
Serpula Rd	Tanager Rd	Morningside Rd	528	7	3				X		X	15
Osage Rd	Mohegan Rd	Rosedale Rd	528	7	4			X			X	15
Osage Rd	Mohegan Rd	Rosedale Rd	528	8	3				X		X	15
Mohegan Rd	Fiesta Dr	Rosedale Rd	1320	7	4	X					X	15
Mohegan Rd	Fiesta Dr	Rosedale Rd	1320	6	3		X				X	15
Darwin Rd	Tern Rd	Nocturne Rd	2640	7	4	X					X	15
Darwin Rd	Tern Rd	Nocturne Rd	2640	9	4		X				X	15
Lobelia Rd	Darwin Rd	Baffin Dr	792	7	4			X			X	15
Lobelia Rd	Darwin Rd	Baffin Dr	792	7	5				X		X	15
Lobelia Rd	Baffin Dr	Nightingale Rd	792	8	4			X			X	15
Lobelia Rd	Baffin Dr	Nightingale Rd	792	7	3				X		X	15
Juno Rd	Nightingale Rd	Baffin Dr	792	7	3			X			X	15
Juno Rd	Nightingale Rd	Baffin Dr	792	6	4				X		X	15
Taplow Rd	Juno Rd	Lobelia Rd	792	6	4	X					X	15
Taplow Rd	Juno Rd	Lobelia Rd	792	7	3		X				X	15
Juno Rd	Nightingale Rd	Baffin Dr	792	7	3			X			X	15
Juno Rd	Nightingale Rd	Baffin Dr	792	6	4				X		X	15
Taplow Rd	Juno Rd	Lobelia Rd	792	6	4	X					X	15
Taplow Rd	Juno Rd	Lobelia Rd	792	7	3		X				X	15
Constance Rd	Fiesta Dr	Valencia Rd	1056	8	4	X					X	15
Constance Rd	Fiesta Dr	Valencia Rd	1056	7	3		X				X	15
Constance Rd	Valencia Rd	Geneva Rd	1320	8	4	X					X	15

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Constance Rd.	Valencia Rd	Geneva Rd.	1320	7	3			X			X	15
Tern Rd	Constance Rd	Seminole Dr.	528	5	3				X		X	15
Tern Rd	Constance Rd.	Seminole Dr.	528	6	4					X	X	15
Hercules Rd	Baffin Dr	Nightingale Rd.	792	5	3				X		X	15
Hercules Rd	Baffin Dr	Nightingale Rd.	792	7	3					X	X	15
Gaihos Rd	Nightingale Rd	Baffin Dr	792	7	4				X		X	15
Gaihos Rd	Nightingale Rd	Baffin Dr.	792	6	3					X	X	15
Fallow Rd	Baffin Dr	Nightingale Rd.	792	5	3				X		X	15
Fallow Rd	Baffin Dr	Nightingale Rd	792	7	3					X	X	15
Eider Rd	Geneva Rd	Fallow Rd.	528	7	4	X					X	15
Eider Rd	Geneva Rd	Fallow Rd.	528	6	3		X				X	15
Ginger Rd.	Gentian Rd	Wisteria Rd.	1584	6	3	X					X	14
Ginger Rd.	Gentian Rd.	Wisteria Rd.	1584	5	4		X				X	14
Hawthorne Rd	Rutland Rd	Faun Rd.	528	6	3				X		X	14
Hawthorne Rd	Rutland Rd.	Faun Rd.	528	5	3					X	X	14
Hawthorne Rd.	Faun Rd.	Ginger Rd.	528	6	3				X		X	14
Hawthorne Rd	Faun Rd.	Ginger Rd.	528	5	3					X	X	14
Redfern Rd.	Rutland Rd	Ginger Rd.	1056	5	3				X		X	14
Redfern Rd.	Rutland Rd	Ginger Rd.	1056	5	4					X	X	14
Faun Rd.	Hawthorne Rd	Rutland Rd.	1056	6	3				X		X	14
Faun Rd	Hawthorne Rd	Rutland Rd.	1056	5	3					X	X	14
Faun Rd.	Rutland Rd.	Scenic Dr.	1056	6	3				X		X	14
Faun Rd.	Rutland Rd.	Scenic Dr.	1056	5	3					X	X	14
Rutland Rd	Faun Rd.	South Tamiami Trail	1056	8	3	X					X	14
Rutland Rd.	Faun Rd	South Tamiami Trail	1056	8	4		X				X	14
Maple Rd	Rutland Rd	Faun Rd	528	5	4				X		X	14
Maple Rd	Rutland Rd	Faun Rd	528	6	3					X	X	14
Scenic Dr	Faun Rd	Shamrock Dr.	2886	6	3				X		X	14
Scenic Dr	Faun Rd	Shamrock Dr	2886	6	4					X	X	14
Gentian Rd.	Ginger Rd	Shamrock Dr	528	5	4				X		X	14
Gentian Rd	Ginger Rd	Shamrock Dr.	528	6	3					X	X	14
Gentian Rd.	Shamrock Dr	Seminole Dr.	3696	6	3				X		X	15
Gentian Rd.	Shamrock Dr	Seminole Dr	3696	6	4					X	X	15
Avalon Rd.	Gentian Rd.	Wisteria Rd.	1320	5	3	X					X	15

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Avalon Rd	Gentian Rd	Wisteria Rd.	1320	8	3		X				X	15
Mars Rd	Avalon Rd	Wisteria Rd.	528	5	3	X					X	15
Mars Rd.	Avalon Rd	Wisteria Rd.	528	6	4		X				X	15
Wisteria Rd	Gentian Rd.	Shamrock Dr.	1056	6	3	X					X	15
Wisteria Rd.	Gentian Rd.	Shamrock Dr	1056	5	4		X				X	15
Wisteria Rd	Ginger Rd	Shamrock Dr.	1056	6	3			X			X	15
Wisteria Rd	Ginger Rd	Shamrock Dr.	1056	6	3				X		X	15
Dragon Rd.	Logan Rd	Gentian Rd.	1056	5	3	X					X	15
Dragon Rd.	Logan Rd.	Gentian Rd.	1056	6	3		X				X	15
Auster Rd.	Logan Rd	Gentian Rd.	1056	9	4	X					X	15
Auster Rd	Logan Rd	Gentian Rd.	1056	8	3		X				X	15
Zephyr Rd.	Gentian Rd	Siesta Dr	1848	8	3	X					X	15
Zephyr Rd	Gentian Rd.	Siesta Dr.	1848	7	5		X				X	15
Mallow Rd.	Zephyr Rd.	Bahama Rd.	792	6	3			X			X	15
Mallow Rd.	Zephyr Rd	Bahama Rd.	792	5	3				X		X	15
Flower Rd.	Zephyr Rd.	Shamrock Dr	1320	7	3			X			X	15
Flower Rd	Zephyr Rd	Shamrock Dr	1320	7	3				X		X	15
Dawn Rd.	Zephyr Rd.	Flower Rd	792	7	4			X			X	15
Dawn Rd	Zephyr Rd.	Flower Rd.	792	8	3				X		X	15
Siesta Dr	Zephyr Rd	Sunset Beach Dr.	264	0	0			X			X	15
Siesta Dr	Zephyr Rd	Sunset Beach Dr	264	0	0				X		X	15
Siesta Dr	Sunset Beach Dr	Queens Rd	1848	9	5			X			X	15
Siesta Dr	Sunset Beach Dr	Queens Rd	1848	9	3				X		X	15
Siesta Dr	Queens Rd	Baffin Dr	3696	8	4			X			X	15
Siesta Dr	Queens Rd	Baffin Dr.	3696	9	3				X		X	15
Sunset Beach Dr	South Tamiami Trail	Siesta Dr.	2112	6	3			X			X	15
Sunset Beach Dr	South Tamiami Trail	Siesta Dr	2112	8	3				X		X	15
Sunset Beach Dr	Siesta Dr	Shamrock Dr.	3696	8	3			X			X	15
Sunset Beach Dr	Siesta Dr	Shamrock Dr	3696	6	3				X		X	15
Cross Rd.	Shamrock Dr.	Siesta Dr.	528	7	2	X					X	15
Cross Rd	Shamrock Dr.	Siesta Dr	528	0	0		X				X	15
Arrowhead Rd.	Mohawk Rd.-Siesta Dr	Siesta Dr.	2112	10	3			X			X	15
Arrowhead Rd.	Mohawk Rd.-Siesta Dr	Siesta Dr.	2112	10	4				X		X	15
Chestnut Rd.	Siesta Dr	Arrowhead Rd.	792	9	4	X					X	15

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Chestnut Rd.	Siesta Dr.	Arrowhead Rd.	792	7	4			X			X	15
Dogwood Dr	Chestnut Rd	Arrowhead Rd.	1056	0	0				X		X	15
Dogwood Dr	Chestnut Rd	Arrowhead Rd.	1056	10	3					X	X	15
Queen Rd.	Siesta Dr.	Shamrock Dr	3696	6	3				X		X	15
Queen Rd.	Siesta Dr	Shamrock Dr.	3696	8	4					X	X	15
Piedmont Rd	Siesta Dr.	Secor Rd	3904	7	3				X		X	15
Piedmont Rd	Siesta Dr	Secor Rd.	3904	8	3					X	X	15
Piedmont Rd	Secor Rd.	Shamrock Dr.	1056	6	3				X		X	15
Piedmont Rd	Secor Rd.	Shamrock Dr.	1056	5	4					X	X	15
Olympia Rd.	Shamrock Dr	Secor Rd.	792	7	4				X		X	15
Olympia Rd	Shamrock Dr.	Secor Rd.	792	6	3					X	X	15
Olympia Rd	Secor Rd.	Siesta Dr	2640	8	3				X		X	15
Olympia Rd	Secor Rd	Siesta Dr	2640	9	4					X	X	15
Nantucket Rd	Siesta Dr	Shamrock Dr.	3696	8	4				X		X	15
Nantucket Rd	Siesta Dr	Shamrock Dr	3696	8	3					X	X	15
Nantucket Rd	Shamrock Dr	Coleman Rd.	264	6	3				X		X	15
Nantucket Rd	Shamrock Dr.	Coleman Rd.	264	7	4					X	X	15
Mohawk Rd	Shamrock Dr	Arrowhead Rd -Siesta Dr	3696	6	3				X		X	15
Mohawk Rd	Shamrock Dr.	Arrowhead Rd.-Siesta Dr	3696	6	4					X	X	15
Leeward Rd.	Siesta Dr.	Shamrock Dr	3696	8	4				X		X	15
Leeward Rd.	Siesta Dr	Shamrock Dr.	3696	7	3					X	X	15
Kimball Rd.	Coleman Rd.	Siesta Dr	4224	8	3				X		X	15
Kimball Rd	Coleman Rd.	Siesta Dr.	4224	8	3					X	X	15
Jamaica Rd	Siesta Dr.	Shamrock Dr.	3696	6	3				X		X	15
Jamaica Rd.	Siesta Dr	Shamrock Dr	3696	9	4					X	X	15
Indus Rd	Shamrock Dr	Siesta Dr.	3696	7	3				X		X	15
Indus Rd.	Shamrock Dr	Siesta Dr.	3696	6	4					X	X	15
Clematis Rd.	Siesta Dr	Tundra Rd.	792	8	3				X		X	15
Clematis Rd.	Siesta Dr	Tundra Rd.	792	7	3					X	X	15
Clematis Rd.	Tundra Rd	Pine Rd.	1056	6	3				X		X	15
Clematis Rd	Tundra Rd	Pine Rd.	1056	6	2					X	X	15
Clematis Rd	Pine Rd.	Fundy Rd.-Sterling Rd	264	6	3				X		X	15
Clematis Rd.	Pine Rd	Fundy Rd.-Sterling Rd.	264	0	0					X	X	15
Fundy Rd.	Sterling Rd.	Shamrock Dr.	2112	7	4				X		X	15

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	Basin
Fundy Rd	Sterling Rd	Shamrock Dr.	2112	7	3				X		X	15
Fundy Rd.	Shamrock Dr	Yacht Club Dr.	1056	8	4			X			X	15
Fundy Rd	Shamrock Dr	Yacht Club Dr.	1056	6	4				X		X	15
Mobile Rd	Siesta Dr	Tundra Rd	350	6	3			X			X	15
Mobile Rd.	Siesta Dr	Tundra Rd.	350	5	3				X		X	15
Tundra Rd	Indus Rd	Roanoke Rd	792	6	3	X					X	15
Tundra Rd.	Indus Rd	Roanoke Rd	792	5	3		X				X	15
Roanoke Rd.	Tundra Rd	Siesta Dr.	792	6	3			X			X	15
Roanoke Rd	Tundra Rd	Siesta Dr	792	7	3				X		X	15
Everest Rd.	Siesta Dr	Sterling Rd	1584	5	3			X			X	15
Everest Rd.	Siesta Dr.	Sterling Rd	1584	6	3				X		X	15
Everest Rd	Sterling Rd.	Secor Rd	1056	6	3			X			X	15
Everest Rd	Sterling Rd	Secor Rd.	1056	6	3				X		X	15
Everest Rd	Secor Rd	Shamrock Dr.	1056	6	3			X			X	15
Everest Rd	Secor Rd	Shamrock Dr.	1056	5	2				X		X	15
Everest Rd	Shamrock Dr	Yacht Club Dr	1320	0	0			X			X	15
Everest Rd	Shamrock Dr.	Yacht Club Dr.	1320	5	3				X		X	15
Devon Rd.	Yacht Club Dr	Shamrock Dr.	1056	5	2			X			X	15
Devon Rd	Yacht Club Dr	Shamrock Dr.	1056	7	3				X		X	15
Devon Rd.	Shamrock Dr	Siesta Dr.	3696	8	3			X			X	15
Devon Rd.	Shamrock Dr.	Siesta Dr.	3696	8	2				X		X	15
Cumberland Rd	Siesta Dr	Secor Rd	2376	6	4			X			X	15
Cumberland Rd	Siesta Dr.	Secor Rd.	2376	7	3				X		X	15
Cumberland Rd	Secor Rd.	Shamrock Dr.	792	8	3			X			X	15
Cumberland Rd	Secor Rd	Shamrock Dr.	792	7	4				X		X	15
Cumberland Rd	Shamrock Dr	Yacht Club Dr	792	7	4			X			X	15
Cumberland Rd	Shamrock Dr	Yacht Club Dr.	792	6	3				X		X	15
Secor Rd	Linden Rd	Sunset Rd.	4752	8	4	X					X	15
Secor Rd	Linden Rd	Sunset Rd.	4752	8	4		X				X	15
Redstart Rd	Shamrock Dr	Oriole Rd	1584	6	4	X					X	15
Redstart Rd	Shamrock Dr	Oriole Rd.	1584	7	3		X				X	15
Oriole Rd.	Queen Rd.	Shamrock Dr.	550	6	3			X			X	15
Oriole Rd	Queen Rd	Shamrock Dr.	550	5	4				X		X	15
Ringtail Rd	Redstart Rd.	Shamrock Dr.	2112	6	3			X			X	15

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Ringtail Rd.	Redstart Rd	Shamrock Dr	2112	5	3				X		X	15
Sussex Rd.	Shamrock Dr	Redstart Rd	1584	9	3	X					X	15
Sussex Rd.	Shamrock Dr	Redstart Rd	1584	8	4		X				X	15
Tinamou Rd.	Redstart Rd.	Shamrock Dr.	792	6	3			X			X	15
Tinamou Rd.	Redstart Rd	Shamrock Dr.	792	5	3				X		X	15
Ocala Rd.	Shamrock Dr	North Of Columbine Rd.	1056	8	4			X			X	26
Ocala Rd.	Shamrock Dr	North Of Columbine Rd.	1056	8	3				X		X	26
Columbine Rd	Ocala Rd	Telford Dr	1056	7	3	X					X	26
Columbine Rd	Ocala Rd	Telford Dr.	1056	8	3		X				X	26
Telford Dr	Columbine Rd.	Shamrock Dr.	150	6	3			X			X	26
Telford Dr.	Columbine Rd	Shamrock Dr.	150	5	3				X		X	26
Primrose Rd.	Columbine Rd	Ocala Rd.	1056	8	3	X					X	26
Primrose Rd.	Columbine Rd.	Ocala Rd.	1056	7	3		X				X	26
Ruby Rd.	Ocala Rd.	Primrose Rd	528	6	3	X					X	26
Ruby Rd.	Ocala Rd	Primrose Rd.	528	5	4		X				X	26
Sterling Rd.	Start South Of Linden Rd.	Ringtail Rd.	4752	10	4			X			X	15
Sterling Rd	Start South Of Linden Rd.	Ringtail Rd.	4752	8	6				X		X	15
Graham Rd.	Sterling Rd	Secor Rd.	1056	0	0	X					X	15
Graham Rd.	Sterling Rd	Secor Rd	1056	8	3		X				X	15
Graham Rd	Secor Rd	Shamrock Dr.	1056	8	4	X					X	15
Graham Rd.	Secor Rd.	Shamrock Dr	1056	6	3		X				X	15
Graham Rd.	Shamrock Dr	Yacht Club Dr	1056	3	2	X					X	15
Graham Rd	Shamrock Dr	Yacht Club Dr.	1056	4	2		X				X	15
Hudson Rd.	Coleman Rd	Graham Rd	528	6	3	X					X	15
Hudson Rd	Coleman Rd	Graham Rd	528	7	4		X				X	15
Hudson Rd	Coleman Rd.	Sterling Rd.	2300	8	3	X					X	15
Hudson Rd.	Coleman Rd	Sterling Rd	2300	9	4		X				X	15
Acadia Rd	Dunbar Rd	Secor Rd.	1584	7	4			X			X	15
Acadia Rd	Dunbar Rd	Secor Rd.	1584	7	3				X		X	15
Acadia Rd.	Secor Rd	Shamrock Dr	1056	8	3			X			X	15
Acadia Rd	Secor Rd	Shamrock Dr	1056	7	4				X		X	15
Acadia Rd	Shamrock Dr	Start Of Street	528	6	3			X			X	15
Acadia Rd	Shamrock Dr	Start Of Street	528	5	2				X		X	15
Linden Rd	Shamrock Dr	Strombus Rd.	1056	10	4			X			X	15

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Linden Rd	Shamrock Dr	Strombus Rd.	1056	9	5				X		X	15
Linden Rd	Shamrock Dr	Start Of Street	264	5	3			X			X	15
Linden Rd.	Shamrock Dr	Start Of Street	264	0	0				X		X	15
Linden Rd	Strombus Rd	Dunbar Rd	1584	8	3			X			X	15
Linden Rd.	Strombus Rd.	Dunbar Rd.	1584	8	4				X		X	15
Dunbar Rd.	Start Of Street	Baffin Dr.	792	9	4	X					X	15
Dunbar Rd	Start Of Street	Baffin Dr	792	9	3		X				X	15
Siren Rd	Linden Rd.	Sea Fox Rd	528	7	3			X			X	15
Siren Rd	Linden rd.	Sea Fox Rd.	528	6	4				X		X	15
Sea Fox Rd.	Linden Rd	Linden Rd.	1584	7	4			X			X	15
Sea Fox Rd	Linden Rd.	Linden Rd.	1584	8	4				X		X	15
Strombus Rd	Linden Rd	End Of Street	528	9	3	X					X	15
Strombus Rd.	Linden Rd	End Of Street	528	8	4		X				X	15
Yacht Club Dr	Shamrock Dr.	Graham Rd.	2112	6	3			X			X	15
Yacht Club Dr	Shamrock Dr	Graham Rd.	2112	6	4				X		X	15
Coleman Rd	Hudson Rd	Kimball Rd.	528	7	3	X					X	15
Coleman Rd	Hudson Rd	Kimball Rd.	528	10	4		X				X	15
Coleman Rd	Kimball Rd	Nantucket Rd.	528	7	3	X					X	15
Coleman Rd	Kimball Rd	Nantucket Rd	528	10	4		X				X	15
Hibiscus Rd	Coleman Rd.	Hudson Rd.	1320	5	2	X					X	15
Hibiscus Rd.	Coleman Rd.	Hudson Rd	1320	5	3		X				X	15
Shamrock Dr	Lemon Bay Dr	Queen Rd.	5280	9	4	X					X	15
Shamrock Dr.	Lemon Bay Dr	Queen Rd.	5280	10	5		X				X	15
Shamrock Dr	Queen Rd.	Oriole Rd	4224	8	3			X			X	15
Shamrock Dr	Queen Rd.	Oriole Rd	4224	7	4				X		X	15
Shamrock Dr.	Oriole Rd	South Tamiami Trail	5280	12	5	X					X	15
Shamrock Dr.	Oriole Rd.	South Tamiami Trail	5280	12	5		X				X	15
Datura Rd.	Start Of Street	Baffin Dr.	528	9	4			X			X	15
Datura Rd.	Start Of Street	Baffin Dr.	528	8	4				X		X	15
Datura Rd.	Baffin Dr.	Seminole Dr.	1320	9	3			X			X	15
Datura Rd.	Baffin Dr.	Seminole Dr.	1320	9	4				X		X	15
Datura Rd.	Seminole Dr	Terapin Rd	1056	10	3			X			X	15
Datura Rd.	Seminole Dr	Terapin Rd	1056	10	4				X		X	15
Terapin rd.	Datura Rd.	Quincy Rd.	1584	8	3	X					X	15

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Terapin Rd	Datura Rd.	Quincy Rd	1584	8	3		X				X	15
Bluebell Rd.	Quincy Rd	Poppy Rd.	1584	8	4	X					X	15
Bluebell Rd	Quincy Rd	Poppy Rd.	1584	6	2		X				X	15
Foxglove Rd	Poppy Rd.	Quincy Rd.	1584	5	2	X					X	15
Foxglove Rd	Poppy Rd	Quincy Rd.	1584	6	3		X				X	15
Falkland Rd.	Quincy Rd	Poppy Rd	1320	7	3	X					X	15
Falkland Rd.	Quincy Rd	Poppy Rd.	1320	6	3		X				X	15
Poppy Rd.	Terapin Rd	Bahama Rd	792	6	3			X			X	15
Poppy Rd	Terapin Rd	Bahama Rd.	792	6	4				X		X	15
Bahama Rd.	Quincy Rd.	Gentian Rd.	1848	8	3			X			X	15
Bahama Rd	Quincy Rd.	Gentian Rd.	1848	10	2				X		X	15
Thistle Rd.	Mallow Rd.	Quincy Rd.	550	5	3	X					X	15
Thistle Rd.	Mallow Rd	Quincy Rd.	550	5	2		X				X	15
Randolph Rd.	Quincy Rd	Datura Rd	1848	9	4	X					X	15
Randolph Rd.	Quincy Rd.	Datura Rd.	1848	9	3		X				X	15
Grant Rd.	Datura Rd	Quincy Rd.	1848	9	4	X					X	15
Grant Rd.	Datura Rd	Quincy Rd.	1848	9	3		X				X	15
Burke Rd.	Datura Rd.	Quincy Rd	1584	8	3	X					X	15
Burke Rd.	Datura Rd.	Quincy Rd.	1584	7	4		X				X	15
Quincy Rd.	Datura Rd.	Thistle Rd.	3696	8	3	X					X	15
Quincy Rd.	Datura Rd.	Thistle Rd.	3696	5	3		X				X	15
Quincy Rd.	Thistle Rd.	Thistle Rd.	550	8	4			X			X	15
Quincy Rd.	Thistle Rd.	Thistle Rd.	550	30	6				X		X	15
Roslyn Rd.	Quincy Rd	Baffin Dr.	2112	6	3			X			X	15
Roslyn Rd.	Quincy Rd.	Baffin Dr.	2112	6	4				X		X	15
Roslyn Rd	Baffin Dr	Start Of Street	264	5	2			X			X	15
Roslyn Rd.	Baffin Dr.	Start Of Street	264	6	4				X		X	15
Papaya Rd.	Quincy Rd	Baffin Dr	1584	5	3			X			X	15
Papaya Rd	Quincy Rd	Baffin Dr.	1584	6	3				X		X	15
Orange Rd	Baffin Dr	Quincy Rd.	1320	8	3			X			X	15
Orange Rd	Baffin Dr	Quincy Rd.	1320	7	3				X		X	15
Unicorn Rd	Datura Rd	Orange Rd.	792	7	3	X					X	15
Unicorn Rd.	Datura Rd.	Orange Rd	792	8	3		X				X	15
Victoria Rd.	Orange Rd	Datura Rd	550	8	3	X					X	15

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	Basin
Victoria Rd.	Orange Rd.	Datura Rd.	550	9	3		X				X	15
Taconic Rd.	Datura Rd.	Orange Rd.	550	8	3	X					X	15
Taconic Rd.	Datura Rd.	Orange Rd.	550	7	4		X				X	15
Peary Rd.	Orange Rd.	Datura Rd.	528	8	3	X					X	15
Peary Rd.	Orange Rd.	Datura Rd.	528	8	4		X				X	15
Rallus Rd.	Datura Rd.	Roslyn Rd.	792	7	3	X					X	15
Rallus Rd.	Datura Rd.	Roslyn Rd.	792	8	3		X				X	15
Drake Rd.	Roslyn Rd.	Datura Rd.	792	8	3	X					X	15
Drake Rd.	Roslyn Rd.	Datura Rd.	792	7	4		X				X	15
Virginia Rd.	Start Of Street	Baffin Dr.	792	0	0			X			X	15
Virginia Rd.	Start Of Street	Baffin Dr.	792	8	3				X		X	15
Virginia Rd.	Baffin Dr.	End Of Street	264	6	3			X			X	15
Virginia Rd.	Baffin Dr.	End Of Street	264	7	3				X		X	15
Alligator Dr.	South Tamiami Trail	Lemon Bay Dr.	4224	9	4	X					X	15
Alligator Dr.	South Tamiami Trail	Lemon Bay Dr.	4224	8	3		X				X	15
Alligator Dr.	Lemon Bay Dr.	Palmetto Dr.	2640	8	3			X			X	15
Alligator Dr.	Lemon Bay Dr.	Palmetto Dr.	2640	6	4				X		X	15
Kent Rd.	Palmetto Dr.	Syracuse Rd.	2640	8	4			X			X	15
Kent Rd.	Palmetto Dr.	Syracuse Rd.	2640	7	3				X		X	15
Kent Rd.	Syracuse Dr.	100 Ft. South Of Wabash Rd.	1056	8	3			X			X	15
Kent Rd.	Syracuse Dr.	100 Ft. South Of Wabash Rd.	1056	7	2				X		X	15
Kent Rd.	100 Ft. So. Of Wabash Rd.	Gulf Rd.	264	0	0			X			X	15
Kent Rd.	100 Ft. So. Of Wabash Rd.	Gulf Rd.	264	0	0				X		X	15
Gulf Rd.	Wabash Rd.	Kent Rd.	550	9	4	X					X	15
Gulf Rd.	Wabash Rd.	Kent Rd.	550	8	4		X				X	15
Lemon Bay Rd.	Alligator Dr.	Shamrock Dr.-Meridian No.	1056	7	3	X					X	15
Lemon Bay Rd.	Alligator Dr.	Shamrock Dr.-Meridian No.	1056	8	4		X				X	15
Lemon Bay Rd.	Meridian Rd.	Palmetto Dr.-Egret Rd.	6336	10	4	X					X	15
Lemon Bay Rd.	Meridian Rd.	Palmetto Dr.-Egret Rd.	6336	9	3		X				X	15
Hialeah Rd.	Alligator Dr.	South Venice Bv.	2112	9	4			X			X	15
Hialeah Rd.	Alligator Dr.	South Venice Bv.	2112	8	4				X		X	15
Crane Rd.	South Tamiami Trail	Hialeah Rd.	528	8	4	X					X	15
Crane Rd.	South Tamiami Trail	Hialeah Rd.	528	0	0		X				X	15
Crane Rd.	Hialeah Rd.	Tarpon Rd.	792	9	3	X					X	15

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Crane Rd.	Hialeah Rd	Tarpon Rd.	792	9	4		X				X	15
Crane Rd.	Tarpon Rd	Pompano Rd.	792	8	3	X					X	15
Crane Rd	Tarpon Rd	Pompano Rd	792	9	3		X				X	15
Jasmine Rd	Hialeah Rd	Alligator Dr.	1056	8	3	X					X	15
Jasmine Rd.	Hialeah Rd	Alligator Dr	1056	5	4		X				X	15
Maness Rd	Jasmine Rd.	Hialeah Rd.	528	5	3	X					X	15
Maness Rd.	Jasmine Rd.	Hialeah Rd.	528	6	4		X				X	15
Cardinal Dr.	Hialeah Rd.	Tarpon Rd.-Alligator Dr.	528	7	3	X					X	15
Cardinal Dr	Hialeah Rd	Tarpon Rd.-Alligator Dr	528	6	4		X				X	15
Conrad Rd.	Hialeah Rd.	Tarpon Rd.	540	5	3	X					X	15
Conrad Rd.	Hialeah Rd.	Tarpon Rd.	540	6	4		X				X	15
Conrad Rd	Tarpon Rd.	Treasure Rd.	2640	7	3	X					X	15
Conrad Rd.	Tarpon Rd.	Treasure Rd.	2640	6	4		X				X	15
Azalea Rd.	Hialeah Rd.	Conrad Rd.	1320	6	4	X					X	15
Azalea Rd.	Hialeah Rd.	Conrad Rd.	1320	7	3		X				X	15
Pelican Rd.	Hialeah Rd.	Pompano Rd.	1584	6	3	X					X	15
Pelican Rd.	Hialeah Rd	Pompano Rd	1584	7	4		X				X	15
Plantation Rd.	Pompano Rd	Hialeah Rd.	1584	9	4	X					X	15
Plantation Rd	Pompano Rd	Hialeah Rd.	1584	6	3		X				X	15
Magnolia Rd	Hialeah Rd	Pompano Rd	1584	7	4	X					X	15
Magnolia Rd	Hialeah Rd	Pompano Rd	1584	7	4		X				X	15
Treasure Rd.	Hialeah Rd	Zenith Rd.	3168	7	3	X					X	15
Treasure Rd.	Hialeah Rd	Zenith Rd	3168	6	4		X				X	15
Conus Rd	Treasure Rd	Triton Rd.	528	0	0			X			X	15
Conus Rd.	Treasure Rd	Triton Rd.	528	5	3				X		X	15
Triton Rd.	Treasure Rd	Conrad Rd	792	5	4			X			X	15
Triton Rd.	Treasure Rd	Conrad Rd.	792	5	3				X		X	15
South Venice Bv	South Tamiami Trail	Lemon Bay Dr.	6864	7	3	X					X	15
South Venice Bv	South Tamiami Trail	Lemon Bay Dr	6864	8	4		X				X	15
Tarpon Rd.	Alligator Dr	South Venice Bv	1848	10	4			X			X	15
Tarpon Rd	Alligator Dr	South Venice Bv.	1848	10	3				X		X	15
Tarpon Rd	South Venice Bv.	Palmetto Dr	1848	10	4			X			X	15
Tarpon Rd.	South Venice Bv	Palmetto Dr	1848	12	3				X		X	15
Pompano Rd	Alligator Dr	South Venice Bv.	1584	9	4	X					X	15

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	Basin
Pompano Rd.	Alligator Dr.	South Venice Bv	1584	10	3		X				X	15
Pompano Rd.	South Venice Bv	Flamingo Rd.	1584	10	3	X					X	15
Pompano Rd.	South Venice Bv	Flamingo Rd.	1584	10	4		X				X	15
Pompano Rd.	Flamingo Rd.	Hobart Rd.	3696	9	3	X					X	15
Pompano Rd.	Flamingo Rd.	Hobart Rd.	3696	8	3		X				X	15
Amber Rd.	South Venice Bv	Southland Rd.	1056	6	3			X			X	15
Amber Rd.	South Venice Bv	Southland Rd.	1056	7	4				X		X	15
Mercury Rd.	Southland Rd.	Flamingo Rd.	550	6	3			X			X	15
Mercury Rd.	Southland Rd.	Flamingo Rd.	550	5	3				X		X	15
Blossom Rd.	Flamingo Rd.	Southland Rd.	792	6	3			X			X	15
Blossom Rd.	Flamingo Rd.	Southland Rd.	792	5	3				X		X	15
Pandora Rd.	Southland Rd.	Flamingo Rd.	550	5	4			X			X	15
Pandora Rd.	Southland Rd.	Flamingo Rd.	550	5	3				X		X	15
Porpoise Rd.	Tarpon Rd.	Alligator Dr.	2112	7	3	X					X	15
Porpoise Rd.	Tarpon Rd.	Alligator Dr.	2112	7	3		X				X	15
Porpoise Rd.	Alligator Dr.	Nautilus Rd.	3696	7	3	X					X	15
Porpoise Rd.	Alligator Dr.	Nautilus Rd.	3696	7	3		X				X	15
Rainbow Rd.	Porpoise Rd.	Flamingo Rd.	1584	6	4			X			X	15
Rainbow Rd.	Porpoise Rd.	Flamingo Rd.	1584	5	3				X		X	15
Poinciana Rd.	Rainbow Rd.	Egret Rd.	1848	7	3	X					X	15
Poinciana Rd.	Rainbow Rd.	Egret Rd.	1848	8	3		X				X	15
Poinciana Rd.	Egret Rd.	Southland Rd.	1320	8	4	X					X	15
Poinciana Rd.	Egret Rd.	Southland Rd.	1320	8	3		X				X	15
Sunrise Rd.	Egret Rd.	Heron Rd.	792	8	3	X					X	15
Sunrise Rd.	Egret Rd.	Heron Rd.	792	7	3		X				X	15
Sunrise Rd.	Heron Rd.	Rainbow Rd.	1056	6	2	X					X	15
Sunrise Rd.	Heron Rd.	Rainbow Rd.	1056	5	2		X				X	15
Camel Rd.	Tarpon Rd.	Crystal Dr.	1848	8	3	X					X	15
Camel Rd.	Tarpon Rd.	Crystal Dr.	1848	6	3		X				X	15
Cabana Rd.	Crystal Dr.	Tarpon Rd.	1848	7	3	X					X	15
Cabana Rd.	Crystal Dr.	Tarpon Rd.	1848	6	4		X				X	15
Southland Rd.	SR 776	Alligator Dr.	3168	8	3	X					X	15
Southland Rd.	SR 776	Alligator Dr.	3168	6	3		X				X	15
Southland Rd.	Alligator Dr.	Egret Rd.	2112	8	3	X					X	15

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Southland Rd.	Alligator Dr.	Egret Rd.	2112	7	4		X				X	15
Southland Rd.	Egret Rd.	Lemon Bay Rd.	1584	8	4	X					X	15
Southland Rd.	Egret Rd.	Lemon Bay Rd.	1584	8	4		X				X	15
Garden Rd.	Tarpon Rd.	Crystal Rd.	2112	10	4	X					X	15
Garden Rd.	Tarpon Rd.	Crystal Rd.	2112	10	3		X				X	15
Coronado Rd.	Crystal Rd.	Tarpon Rd.	2112	7	3	X					X	15
Coronado Rd.	Crystal Rd.	Tarpon Rd.	2112	6	4		X				X	15
Flamingo Rd.	SR 776	Egret Rd.	5280	10	4	X					X	15
Flamingo Rd.	SR 776	Egret Rd.	5280	9	3		X				X	15
Crystal Rd.	Flamingo Rd.	Porpoise Rd.	1320	8	3			X			X	15
Crystal Rd.	Flamingo Rd.	Porpoise Rd.	1320	7	3				X		X	15
Palmetto Dr.	SR 776	Lemon Bay Rd.-Egret Rd.	5280	10	3	X					X	15
Palmetto Dr.	SR 776	Lemon Bay Rd.-Egret Rd.	5280	10	4		X				X	15
Mangrove Rd.	East End	Kent Rd.	528	7	4	X					X	15
Mangrove Rd.	East End	Kent Rd.	528	12	6		X				X	15
Mangrove Rd.	Kent Rd.	Heron Rd.	1320	10	3	X					X	15
Mangrove Rd.	Kent Rd.	Heron Rd.	1320	10	3		X				X	15
Mangrove Rd.	Heron Rd.	Egret Rd.	1056	6	3	X					X	15
Mangrove Rd.	Heron Rd.	Egret Rd.	1056	6	3		X				X	15
Tortoise Rd.	Palmetto Dr.	Abalone Rd.	1320	6	4			X			X	15
Tortoise Rd.	Palmetto Dr.	Abalone Rd.	1320	5	2				X		X	15
Marlin Rd.	Tortoise Rd.	Azure Rd.	2640	5	3	X					X	15
Marlin Rd.	Tortoise Rd.	Azure Rd.	2640	6	3		X				X	15
Abalone Rd.	Tortoise Rd.	SR 776	1584	8	4			X			X	15
Abalone Rd.	Tortoise Rd.	SR 776	1584	6	3				X		X	15
Coral Rd.	Pompano Rd.	Bonita Rd.	1320	6	3	X					X	15
Coral Rd.	Pompano Rd.	Bonita Rd.	1320	5	3		X				X	15
Bonita Rd.	Abalone Rd.	Cypress Rd.	1584	10	3			X			X	15
Bonita Rd.	Abalone Rd.	Cypress Rd.	1584	10	3				X		X	15
Shell Rd.	Bonita Rd.	Pompano Rd.	1320	7	4	X					X	15
Shell Rd.	Bonita Rd.	Pompano Rd.	1320	6	2		X				X	15
Cowry Rd.	Pompano Rd.	Bonita Rd.	1320	7	4	X					X	15
Cowry Rd.	Pompano Rd.	Bonita Rd.	1320	7	3		X				X	15
Persimmon Rd.	Bonita Rd.	Pompano Rd.	1320	6	4	X					X	15

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE				CITY	CO	BASIN
					DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE		
Periwinkle Rd	Bonita Rd	Pompano Rd.	1320	6	3		X			X	15
Holly Rd	Pompano Rd	Bonita Rd.	1320	5	3	X				X	15
Holly Rd	Pompano Rd	Bonita Rd	1320	6	3		X			X	15
Azure Rd	Bonita Rd	Pompano Rd.	1320	7	4	X				X	15
Azure Rd.	Bonita Rd	Pompano Rd.	1320	5	3		X			X	15
Azure Rd	Pompano Rd	West of Kent Rd	1584	10	4	X				X	15
Azure Rd.	Pompano Rd	West of Kent Rd	1584	7	4		X			X	15
Cypress Rd	Mangrove Rd	Kent Rd.	792	8	3	X				X	15
Cypress Rd	Mangrove Rd	Kent Rd	792	7	3		X			X	15
Cypress Rd	Kent Rd.	SR 776	3960	7	4	X				X	15
Cypress Rd	Kent Rd	SR 776	3960	6	3		X			X	15
Princeton Rd	Florida Rd.	SR 776	1056	8	4	X				X	15
Princeton Rd.	Florida Rd	SR 776	1056	12	4		X			X	15
Florida Rd.	North of Princeton Rd.	Cypress Rd.	300	10	4			X		X	15
Florida Rd.	North of Princeton Rd.	Cypress Rd.	300	10	4				X	X	15
Florida Rd.	Cypress Rd	Dartmouth Rd.	1320	10	4			X		X	15
Florida Rd	Cypress Rd	Dartmouth Rd.	1320	11	5				X	X	15
Bowdoin Rd.	Florida Rd.	SR 776	1056	8	4	X				X	15
Bowdoin Rd	Florida Rd	SR 776	1056	6	3		X			X	15
Vassar Rd.	Bowdoin Rd.	Rutgers Rd.	300	0	0			X		X	15
Vassar Rd.	Bowdoin Rd	Rutgers Rd.	300	4	2				X	X	15
Columbia Rd	Vassar Rd	Florida Rd	792	6	3	X				X	15
Columbia Rd.	Vassar Rd	Florida Rd.	792	6	3		X			X	15
Rutgers Rd.	Florida Rd.	SR 776	1056	6	3	X				X	15
Rutgers Rd	Florida Rd	SR 776	1056	5	2		X			X	15
Mimosa Rd.	Cypress Rd	Ponderosa Rd.	550	6	3			X		X	15
Mimosa Rd.	Cypress Rd	Ponderosa Rd.	550	5	3				X	X	15
Olivia Rd	Ponderosa Rd	End of Rd	1584	8	4			X		X	15
Olivia Rd.	Ponderosa Rd	End of Rd	1584	7	3				X	X	15
Caryl Rd	Olivia Rd	Ponderosa Rd	528	8	3			X		X	15
Caryl Rd	Olivia Rd.	Ponderosa Rd	528	8	3				X	X	15
Ponderosa Rd	Caryl Rd	Pompano Rd.	550	6	3	X				X	15
Ponderosa Rd	Caryl Rd	Pompano rd.	550	0	0		X			X	15
Ponderosa Rd.	Pompano Rd	Kent Rd.	1320	0	0	X				X	15

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Ponderosa Rd.	Pompano Rd.	Kent Rd.	1320	0	0		X				X	15
Ponderosa Rd.	Kent Rd.	Heron Rd.	1320	6	3	X					X	15
Ponderosa Rd.	Kent Rd.	Heron Rd.	1320	5	3		X				X	15
Ponderosa Rd.	Heron Rd.	Palmetto-Lemon Bay Dr.	1320	7	4	X					X	15
Ponderosa Rd.	Heron Rd.	Palmetto-Lemon Bay Dr.	1320	6	3		X				X	15
Dolphin Rd.	Mangrove Rd.	Marlin Rd.	792	11	4			X			X	15
Dolphin Rd.	Mangrove Rd.	Marlin Rd.	792	10	3				X		X	15
Neptune Rd.	Azure Rd.	Marlin Rd.	1056	8	4			X			X	15
Neptune Rd.	Azure Rd.	Marlin Rd.	1056	8	4				X		X	15
Citrus Rd.	Heron Rd.	Kent Rd.	1056	12	4	X					X	15
Citrus Rd.	Heron Rd.	Kent Rd.	1056	11	4		X				X	15
Citrus Rd.	Kent Rd.	Pompano Rd.	1320	5	3	X					X	15
Citrus Rd.	Kent Rd.	Pompano Rd.	1320	5	3		X				X	15
Nectar Rd.	Pompano Rd.	Kent Rd.	1320	6	3	X					X	15
Nectar Rd.	Pompano Rd.	Kent Rd.	1320	4	3		X				X	15
Nectar Rd.	Kent Rd.	Heron Rd.	1100	6	3	X					X	15
Nectar Rd.	Kent Rd.	Heron Rd.	1100	12	4		X				X	15
Nectar Rd.	Heron Rd.	Start of Street West	264	5	3	X					X	15
Nectar Rd.	Heron Rd.	Start of Street West	264	5	3		X				X	15
Heron Rd.	Seneca Rd.	South Venice Bv.	3696	12	5			X			X	15
Heron Rd.	Seneca Rd.	South Venice Bv.	3696	12	4				X		X	15
Duquesne Rd.	Heron Rd.	Syracuse Rd.	1056	10	4	X					X	16
Duquesne Rd.	Heron Rd.	Syracuse Rd.	1056	6	3		X				X	16
Tampa Rd.	Heron Rd.	Citadel Rd.	528	0	0	X					X	16
Tampa Rd.	Heron Rd.	Citadel Rd.	528	0	0		X				X	16
Auburn Rd.	Citadel Rd.	Heron Rd.	528	10	4	X					X	16
Auburn Rd.	Citadel Rd.	Heron Rd.	528	9	5		X				X	16
Citadel Rd.	Wabash Rd.	Duquesne Rd.	1056	6	3			X			X	16
Citadel Rd.	Wabash Rd.	Duquesne Rd.	1056	7	3				X		X	16
Drew Rd.	Duquesne Rd.	Wabash Rd.	1056	5	3			X			X	16
Drew Rd.	Duquesne Rd.	Wabash Rd.	1056	5	3				X		X	16
Wabash Rd.	Citadel Rd.	Kent Rd.	792	4	2	X					X	16
Wabash Rd.	Citadel Rd.	Kent Rd.	792	4	2		X				X	16
Lehigh Rd.	Kent Rd.	Pratt Rd.	528	6	4	X					X	16

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE				CITY	CO	BASIN
					DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE			
Lehigh Rd.	Kent Rd.	Pratt Rd.	528	6	3		X			X	16
Lehigh Rd.	Pratt Rd.	Grinnell Rd.	1320	7	4	X				X	16
Lehigh Rd.	Pratt Rd.	Grinnell Rd.	1320	7	4		X			X	16
Hobart Rd.	Grinnell Rd.	Pompano Rd.	528	0	0	X				X	16
Hobart Rd.	Grinnell Rd.	Pompano Rd.	528	8	4		X			X	16
Hobart Rd.	Pompano Rd.	Kent Rd.	1320	7	4	X				X	16
Hobart Rd.	Pompano Rd.	Kent Rd.	1320	8	4		X			X	16
Colgate Rd.	Kent Rd.	Pompano Rd.	1320	6	3	X				X	16
Colgate Rd.	Kent Rd.	Pompano Rd.	1320	6	3		X			X	16
Colgate Rd.	Pompano Rd.	Grinnell Rd.	528	7	3	X				X	16
Colgate Rd.	Pompano Rd.	Grinnell Rd.	528	6	3		X			X	16
Missouri Rd.	Grinnell Rd.	Pompano Rd.	528	7	4	X				X	16
Missouri Rd.	Grinnell Rd.	Pompano Rd.	528	6	3		X			X	16
Missouri Rd.	Pompano Rd.	Kent Rd.	1320	0	0	X				X	16
Missouri Rd.	Pompano Rd.	Kent Rd.	1320	0	0		X			X	16
Pratt Rd.	Hobart Rd.	Duke Rd.	792	8	5			X		X	16
Pratt Rd.	Hobart Rd.	Duke Rd.	792	7	4				X	X	16
Duke Rd.	Pratt Rd.	Baylor Rd.	1320	5	3	X				X	16
Duke Rd.	Pratt Rd.	Baylor Rd.	1320	6	3		X			X	16
Yale Rd.	Grinnell Rd.	Pratt Rd.	1320	7	3	X				X	16
Yale Rd.	Grinnell Rd.	Pratt Rd.	1320	6	3		X			X	16
Marquette Rd.	Grinnell Rd.	Miami Rd.	792	7	3	X				X	16
Marquette Rd.	Grinnell Rd.	Miami Rd.	792	6	4		X			X	16
Fordham Rd.	Miami Rd.	Grinnell Rd.	792	7	4	X				X	16
Fordham Rd.	Miami Rd.	Grinnell Rd.	792	6	3		X			X	16
Buchnell Rd.	Grinnell Rd.	Miami Rd.	792	7	4	X				X	16
Buchnell Rd.	Grinnell Rd.	Miami Rd.	792	7	4		X			X	16
Howard Rd.	Miami Rd.	Baylor Rd.	528	8	3	X				X	16
Howard Rd.	Miami Rd.	Baylor Rd.	528	6	4		X			X	16
Villanova Rd.	Baylor Rd.	Miami Rd.	528	6	3	X				X	16
Villanova Rd.	Baylor Rd.	Miami Rd.	528	7	4		X			X	16
Trinity Rd.	Miami Rd.	Baylor Rd.	528	7	4	X				X	16
Trinity Rd.	Miami Rd.	Baylor Rd.	528	6	3		X			X	16
Wesleyan Rd.	Baylor Rd.	Miami Rd.	528	6	4	X				X	16

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	Basin
Wesleyan Rd	Baylor Rd	Miami Rd.	528	6	3		X				X	16
Purdue Rd	Miami Rd	Baylor Rd.-Osceola Rd	528	8	4	X					X	16
Purdue Rd	Miami Rd	Baylor Rd.-Osceola Rd.	528	7	5		X				X	16
Baylor Rd.	Purdue-Osceola Rd	Buchnell Rd	1320	0	0			X			X	16
Baylor Rd	Purdue-Osceola Rd	Buchnell Rd.	1320	8	4				X		X	16
Urbana Rd	Baylor Rd	Rice Rd.	1056	6	4	X					X	16
Urbana Rd	Baylor Rd	Rice Rd	1056	8	3		X				X	16
Rice Rd	Duke Rd	Brown Rd.	528	6	3			X			X	16
Rice Rd.	Duke Rd.	Brown Rd.	528	5	4				X		X	16
Brown Rd.	Start of Street West	Stephans Rd	792	6	4	X					X	16
Brown Rd	Start of Street West	Stephans Rd.	792	6	3		X				X	16
Stephans Rd.	Osceola Rd.	Urbana Rd.	550	0	0			X			X	16
Stephans Rd.	Osceola Rd.	Urbana Rd.	550	6	4				X		X	16
Osceola Rd.	Baylor Rd.	Colonial Rd.	792	7	3	X					X	16
Osceola Rd.	Baylor Rd	Colonial Rd.	792	6	4		X				X	16
Miami Rd.	Purdue Rd	Dartmouth Rd.	1848	7	4			X			X	16
Miami Rd.	Purdue Rd	Dartmouth Rd	1848	8	6				X		X	16
Dartmouth Rd.	Miami Rd.	SR 776	1320	6	3	X					X	16
Dartmouth Rd	Miami Rd.	SR 776	1320	6	4		X				X	16
Clemson Rd.	Miami Rd.	SR 776	1320	8	5	X					X	16
Clemson Rd.	Miami Rd	SR 776	1320	8	4		X				X	16
Oberlin Rd	Miami Rd.	SR 776	1320	8	4	X					X	16
Oberlin Rd	Miami Rd.	SR 776	1320	8	5		X				X	16
Tulane Rd.	Miami Rd.	SR 776	1320	9	5	X					X	16
Tulane Rd.	Miami Rd	SR 776	1320	8	4		X				X	16
Cornell Rd	Miami Rd.	SR 776	1320	8	5	X					X	16
Cornell Rd	Miami Rd	SR 776	1320	8	3		X				X	16
Stanford Rd	Miami Rd	SR 776	1320	9	4	X					X	16
Stanford Rd	Miami Rd	SR 776	1320	8	4		X				X	16
Loyola Rd.	Miami Rd	SR 776	1320	7	5	X					X	16

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Loyola Rd.	Miami Rd	SR 776	1320	7	3		X				X	16
Temple Rd	Miami Rd	SR 776	1320	8	3	X					X	16
Temple Rd	Miami Rd	SR 776	1320	8	3		X				X	16
Colby Rd.	Temple Rd.	35-449	264	7	3			X			X	16
Colby Rd.	Temple Rd.	35-449	264	6	3				X		X	16
Seneca Rd	Kenisco Rd	Osprey Rd.	2640	6	4			X			X	16
Seneca Rd	Kenisco Rd.	Osprey Rd.	2640	5	3				X		X	16
Kenisco Rd	Seneca Rd	Varet Rd.	1584	0	0			X			X	16
Kenisco Rd.	Seneca Rd	Varet Rd	1584	0	0				X		X	16
Kenisco Rd	Varet Rd	Colonial Rd - Elton Rd	528	8	4			X			X	16
Kenisco Rd	Varet Rd	Colonial Rd - Elton Rd	528	8	3				X		X	16
Colonial Rd	Elton Rd	Osprey Rd	550	9	5	X					X	16
Colonial Rd	Elton Rd	Osprey Rd	550	8	4		X				X	16
Colonial Rd	Osprey Rd	East Of Osceola Rd.	1056	10	5	X					X	16
Colonial Rd	Osprey Rd	East Of Osceola Rd.	1056	9	4		X				X	16
Panda Rd	Osprey Rd	Varet Rd	1056	5	3	X					X	16
Panda Rd	Osprey Rd.	Varet Rd	1056	0	0		X				X	16
Panda Rd	Varet Rd	Kenisco Rd.	1056	4	4	X					X	16
Panda Rd.	Varet Rd.	Kenisco Rd.	1056	4	4		X				X	16
Varet Rd.	Seneca Rd	Euclid Rd.	528	0	0	X					X	16
Varet Rd.	Seneca Rd.	Euclid Rd.	528	0	0		X				X	16
Varet Rd.	Euclid Rd	Hale Rd.	550	0	0	X					X	16
Varet Rd.	Euclid Rd	Hale Rd.	550	5	4		X				X	16
Hale Rd.	Varet Rd.	Kenisco Rd.	528	5	3			X			X	16
Hale Rd	Varet Rd.	Kenisco Rd.	528	6	4				X		X	16
Elton Rd.	Ocelot Rd	Kenisco Rd.	1056	6	3	X					X	16
Elton Rd	Ocelot Rd	Kenisco Rd.	1056	7	4		X				X	16
Euclid Rd	Colonial Rd.	Varet Rd.	1056	6	5	X					X	16
Euclid Rd	Colonial Rd	Varet Rd.	1056	6	5		X				X	16
Euclid Rd	Varet Rd	Kenisco Rd.	792	0	0	X					X	16

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Euclid Rd	Varet Rd	Keniseo Rd	792	0	0			X			X	15
Phorus Rd.	Elton Rd	Ocelot Rd.	1320	8	4			X			X	16
Phorus Rd	Elton Rd	Ocelot Rd	1320	7	4				X		X	16
Plaver Rd	Ocelot Rd	Phorus Rd.	792	9	5			X			X	16
Plaver Rd.	Ocelot Rd.	Phorus Rd.	792	10	5				X		X	16
Ocelot Rd	Phorus Rd	Osprey Rd	1056	10	5	X					X	16
Ocelot Rd	Phorus Rd	Osprey Rd	1056	10	5		X				X	16
Regent Rd	Colonial Rd.	Ocelot Rd.	1056	8	4			X			X	16
Regent Rd	Colonial Rd	Ocelot Rd.	1056	12	5				X		X	16
Oxalis Rd.	Ocelot Rd	Colonial Rd.	1056	8	4			X			X	16
Oxalis Rd.	Ocelot Rd	Colonial Rd.	1056	7	3				X		X	16
Mangold Rd.	Colonial Rd.	Macon Rd.	1584	10	3			X			X	16
Mangold Rd	Colonial Rd	Macon Rd.	1584	8	3				X		X	16
Viola Rd.	Macon Rd	Colonial Rd.	1848	8	3			X			X	16
Viola Rd	Macon Rd	Colonial Rd.	1848	7	3				X		X	16
Orchis Rd	Colonial Rd	Macon Rd.	1848	8	4			X			X	16
Orchis Rd	Colonial Rd	Macon Rd.	1848	8	4				X		X	16
Diana Rd.	Macon Rd	Orchis Rd	1584	9	4			X			X	16
Diana Rd	Macon Rd.	Orchis Rd	1584	8	3				X		X	16
Fern Rd.	Diana Rd	Diana Rd	1056	9	5			X			X	16
Fern Rd	Diana Rd	Diana Rd	1056	9	5				X		X	16
Macon Rd	Osprey Rd	Jack Street	1320	8	3	X					X	16
Macon Rd.	Osprey Rd	Jack Street	1320	6	3		X				X	16
Raven Rd	Macon Rd	Covert Rd	528	9	4			X			X	16
Raven Rd.	Macon Rd	Covert Rd	528	9	4				X		X	16
Covert Rd	Raven Rd	Pheasant Rd	528	8	3	X					X	16
Covert Rd.	Raven Rd	Pheasant Rd.	528	8	3		X				X	16
Pecan Rd	Macon Rd	Covert Rd.	528	6	3			X			X	16
Pecan Rd	Macon Rd	Covert Rd.	528	6	3				X		X	16
Pheasant Rd.	Macon Rd	Belvidere Dr	792	9	4			X			X	16

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Pheasant Rd.	Macon Rd.	Belvidere Dr.	792	8	3				X		X	16
Belvidere Dr.	Alamander Av	Manasota Beach Rd.	3168	6	3	X					X	16
Belvidere Dr.	Alamander Av.	Manasota Beach Rd.	3168	8	4		X				X	16
Miami Rd	Belvidere Dr	North End Of Street	2112	0	0			X			X	16
Miami Rd.	Belvidere Dr	North End Of Street	2112	14	5				X		X	16
Venisola Rd.	Manasota Beach Rd.	End Of Pavement North	2112	6	3			X			X	16
Venisola Rd.	Manasota Beach Rd.	End Of Pavement North	2112	0	0				X		X	16
Denison Dr	Manasota Beach Rd.	North End Of Street	2112	6	4			X			X	16
Denison Dr	Manasota Beach Rd.	North End Of Street	2112	6	3				X		X	16
Gale Street	Manasota Beach Rd	Alamander Av.	2640	8	4	X					X	16
Gale Street	Manasota Beach Rd.	Alamander Av.	2640	7	3		X				X	16
Hudson Street	Manasota Beach Rd.	Alamander Av.	2376	8	4	X					X	16
Hudson Street	Manasota Beach Rd.	Alamander Av.	2376	7	3		X				X	16
Fessler Street	Manasota Beach Rd.	Alamander Av.	2112	4	3	X					X	16
Fessler Street	Manasota Beach Rd	Alamander Av	2112	4	2		X				X	16
Larson Street	Manasota Beach Rd	Alamander Av	1584	5	3	X					X	16
Larson Street	Manasota Beach Rd	Alamander Av	1584	5	4		X				X	16
Alamander Av	Belvidere Dr	Bayshore Dr.	11610	7	4			X			X	16
Alamander Av	Belvidere Dr	Bayshore Dr.	11610	7	3				X		X	16
Manasota Beach Rd	776	East End Of R/W	1584	8	2	X					X	16
Manasota Beach Rd	776	East End Of R/W	1584	0	0		X				X	16
Manasota Beach Rd	776	Manasota Key Rd.	7920	12	5	X					X	16
Manasota Beach Rd	776	Manasota Key Rd.	7920	13	5		X				X	16
Heasley Rd.	Alamander Av	Manasota Beach Rd.	2112	6	3			X			X	16
Heasley Rd.	Alamander Av	Manasota Beach Rd	2112	7	4				X		X	16
Padre Ln	Heasley Rd.	End Of Street West	528	6	2	X					X	16
Padre Ln	Heasley Rd	End Of Street West	528	6	3		X				X	16
Maria St.	Heasley Rd.	East To #1640 Heasley Rd.	1320	8	2	X					X	16
Maria St	Heasley Rd	East To #1640 Heasley Rd	1320	7	3		X				X	16
Thomas St	Heasley Rd.	Private Rd.	1584	5	3	X					X	16

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE	NORTH DEPTH	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	Basin
Thomas St	Heasley Rd	Private Rd	1584	4	2			X			X	16
Bayshore Dr.	Alamander Av	Neptune Dr.	5544	8	2				X		X	26
Bayshore Dr.	Alamander Av	Neptune Dr.	5544	0	0				X		X	26
Neptune Dr.	Bayshore Dr	Neptune Dr.	4224	5	2			X			X	26
Neptune Dr	Bayshore Dr	Neptune Dr.	4224	4	2				X		X	26
Bridge St	Bayshore Dr.	Overbrook Rd.	2112	0	0			X			X	26
Bridge St	Bayshore Dr.	Overbrook Rd.	2112	5	2				X		X	26
Columbia Dr.	Bridge St.	Bayshore Dr.	1584	10	5	X					X	26
Columbia Dr	Bridge St	Bayshore Dr.	1584	9	5		X				X	26
Chadwick Rd	Bayshore Dr	Bridge St	1584	8	2	X					X	26
Chadwick Rd	Bayshore Dr	Bridge St.	1584	8	3			X			X	26
Overbrook Rd.	Bayshore Dr.	Bridge St.	2112	8	3	X					X	26
Overbrook Rd.	Bayshore Dr	Bridge St	2112	8	2		X				X	26
Overbrook Rd	Bridge St.	776	4752	8	3	X					X	17
Overbrook Rd	Bridge St	776	4752	8	2		X				X	17
Keyway Dr	Overbrook Rd.	North End Of R/W	528	5	2			X			X	26
Keyway Dr	Overbrook Rd.	North End Of R/W	528	5	3				X		X	26
West Crest Dr.	Overbrook Rd.	200' North Of Crest Dr.	528	6	3			X			X	17
West Crest Dr.	Overbrook Rd.	200' North Of Crest Dr.	528	6	2				X		X	17
Crest Dr	West Crest Dr.	East Crest Dr.	2112	6	4	X					X	17
Crest Dr	West Crest Dr	East Crest Dr.	2112	6	3		X				X	17
East Crest Dr	Crest Dr	Overbrook Rd	264	5	3			X			X	17
East Crest Dr	Crest Dr	Overbrook Rd.	264	5	2				X		X	17
Keyway Rd.	Forked Creek Dr.	Forked Creek Dr.	528	0	0	X					X	17
Keyway Rd.	Forked Creek Dr.	Forked Creek Dr.	528	11	6		X				X	17
De Price Rd	Forked Creek Dr	Forked Creek Dr	528	5	2	X					X	17
De Price Rd	Forked Creek Dr	Forked Creek Dr.	528	5	3		X				X	17
Forked Creek Dr.	Overbrook Rd	Overbrook Rd.	3168	8	3			X			X	17
Forked Creek Dr	Overbrook Rd.	Overbrook Rd.	3168	8	2				X		X	17
Ducreau Rd	Forked Creek Dr	Forked Creek Dr	792	7	3	X					X	17

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Bureau Rd.	Forked Creek Dr	Forked Creek Dr	792	7	3		X				X	17
Leawood Rd.	Forked Creek Dr	Forked Creek Dr	1056	7	3	X					X	17
Leawood Rd.	Forked Creek Dr	Forked Creek Dr	1056	6	4		X				X	17
Keyway Rd	776	Allen Street	264	0	0	X					X	17
Keyway Rd.	776	Allen Street	264	8	4		X				X	17
Bayshore Dr.	Old Englewood Rd.	Larchmont Dr.	4752	8	4	X					X	26
Bayshore Dr.	Old Englewood Rd	Larchmont Dr.	4752	8	3		X				X	26
Bayshore Dr.	Larchmont Dr	West Of Bridge Street	5280	9	3			X			X	26
Bayshore Dr	Larchmont Dr	West Of Bridge Street	5280	8	2				X		X	26
Larchmont Dr	Bayshore Dr	130' West Of Bridge Street	3696	9	3			X			X	26
Larchmont Dr	Bayshore Dr	130' West Of Bridge Street	3696	10	4				X		X	26
Gladstone Bv	Pineneedle Ln	Bayshore Dr.	792	6	3			X			X	26
Gladstone Bv	Pineneedle Ln.	Bayshore Dr.	792	7	4				X		X	26
Old Englewood Rd	776	Dearborn Street	10560	13	6			X			X	17
Old Englewood Rd	776	Dearborn Street	10560	11	5				X		X	17
Edwards Street	Old Englewood Rd	Elm Street	2640	7	3	X					X	17
Edwards Street	Old Englewood Rd	Elm Street	2640	6	3		X				X	17
Cedar Av	Edwards Street	Leach Street	264	4	3			X			X	17
Cedar Av	Edwards Street	Leach Street	264	5	4				X		X	17
Leach Street	Elm Street	Kansas Av	1848	5	3	X					X	17
Leach Street	Elm Street	Kansas Av	1848	4	2		X				X	17
Gillespie Street	Olive Av	Cedar Av	528	6	3	X					X	17
Gillespie Street	Olive Av	Cedar Av	528	5	3		X				X	17
Purdy Street	Olive Av	Cedar Av	528	5	2	X					X	17
Purdy Street	Olive Av	Cedar Av.	528	5	3		X				X	17
Purdy Street	Cedar Av	776	528	8	3	X					X	17
Purdy Street	Cedar Av	776	528	7	4		X				X	17
Kansas Av	Edwards Street	North End Of Street	528	5	4			X			X	26
Kansas Av	Edwards Street	North End Of Street	528	5	3				X		X	26
Olive Av	Gillespie Street	Viridian Street	1584	6	3			X			X	26

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Olive Av.	Gillespie Street	Viridian Street	1584	8	4				X		X	26
Olive Av.	Artist Av.	Old Englewood Rd.	1320	6	3			X			X	26
Olive Av.	Artist Av.	Old Englewood Rd.	1320	5	3				X		X	26
Iowa Av.	Edwards Street	North End Of Street	528	5	2			X			X	26
Iowa Av.	Edwards Street	North End Of Street	528	4	3				X		X	26
Texas Av.	Texas Street	Ohio Av.	264	6	3			X			X	26
Texas Av.	Texas Street	Ohio Av.	264	6	3				X		X	26
Texas Street	Texas Av.	Palm Av.	528	5	3	X					X	26
Texas Street	Texas Av.	Palm Av.	528	5	3		X				X	26
Texas Street	Palm Av.	Old Englewood Rd.	528	6	4	X					X	26
Texas Street	Palm Av.	Old Englewood Rd.	528	6	3		X				X	26
Ohio Ct.	Texas Street	Ohio Av.	528	5	3			X			X	26
Ohio Ct.	Texas Street	Ohio Av.	528	5	4				X		X	26
Palm Av.	Ohio Av.	Texas Street	528	5	2			X			X	26
Palm Av.	Ohio Av.	Texas Street	528	4	2				X		X	26
Ohio Av.	Texas Av.	Curtis Bv.	528	0	0	X					X	26
Ohio Av.	Texas Av.	Curtis Bv.	528	5	2		X				X	26
Ohio Av.	Curtis Bv.	Old Englewood Rd.	528	5	3	X					X	26
Ohio Av.	Curtis Bv.	Old Englewood Rd.	528	6	3		X				X	26
Curtis Bv.	Ohio Av.	Stewart Street	2112	5	2			X			X	26
Curtis Bv.	Ohio Av.	Stewart Street	2112	3	2				X		X	26
Curtis Bv.	Stewart Street	Chapin Bv.	792	5	3			X			X	26
Curtis Bv.	Stewart Street	Chapin Bv.	792	5	2				X		X	26
Morrison Av.	Curtis Bv.	Kilbourne Av.	528	0	0	X					X	17
Morrison Av.	Curtis Bv.	Kilbourne Av.	528	5	3		X				X	17
Kilbourne Av.	Old Englewood Rd.	Stewart Street	2112	6	4			X			X	17
Kilbourne Av.	Old Englewood Rd.	Stewart Street	2112	7	2				X		X	17
Brengle Street	Curtis Bv.	Bay Park Bv.	528	6	3	X					X	17
Brengle Street	Curtis Bv.	Bay Park Bv.	528	6	2		X				X	17
Bay Park Bv.	Brengle St.	Stewart St.	528	6	3			X			X	26

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Bay Park Bv	Brengle St	Stewart St.	528	6	4				X		X	26
Stewart Street	Bay Park Bv	Old Englewood Rd	2640	8	3	X					X	26
Stewart Street	Bay Park Bv.	Old Englewood Rd.	2640	7	4		X				X	26
Stewart Street	Old Englewood Rd.	Elm St	1056	7	3	X					X	26
Stewart Street	Old Englewood Rd.	Elm St	1056	6	4		X				X	26
Palm Street	Harvard St	Stewart St	528	0	0			X			X	26
Palm Street	Harvard St	Stewart St.	528	3	2				X		X	26
Harvard Street	Palm St	Old Englewood Rd	1584	7	4	X					X	26
Harvard Street	Palm St	Old Englewood Rd	1584	6	3		X				X	26
Harvard Street	Old Englewood Rd	Elm St.	1056	7	3	X					X	17
Harvard Street	Old Englewood Rd.	Elm St	1056	6	4		X				X	17
Harvard Street	New York Av	776	528	4	3	X					X	17
Harvard Street	New York Av	776	528	4	2		X				X	17
Pineapple Street	Harvard St	Wentworth St	1056	6	4			X			X	17
Pineapple Street	Harvard St	Wentworth St.	1056	5	3				X		X	17
Yale Street	Start Of Street West	Old Englewood Rd	1320	6	3	X					X	26
Yale Street	Start Of Street West	Old Englewood Rd	1320	8	4		X				X	26
Yale Street	Old Englewood Rd.	Elm St	1056	8	5	X					X	26
Yale Street	Old Englewood Rd.	Elm St.	1056	8	4		X				X	26
Wentworth Street	Start Of Street West	Old Englewood Rd.	1056	9	6	X					X	17
Wentworth Street	Start Of Street West	Old Englewood Rd	1056	8	4		X				X	17
Wentworth Street	Old Englewood Rd.	Elm St	1056	5	3	X					X	17
Wentworth Street	Old Englewood Rd.	Elm St	1056	6	3		X				X	17
Wentworth Street	Elm St.	776	2640	14	4	X					X	17
Wentworth Street	Elm St.	776	2640	15	4		X				X	17
Wentworth Street	776	Broadway Rd.	528	3	2	X					X	17
Wentworth Street	776	Broadway Rd	528	3	2		X				X	17
Wentworth Street	Broadway Rd	Stratford Rd.	1320	4	2	X					X	17
Wentworth Street	Broadway Rd	Stratford Rd.	1320	3	2		X				X	17
Perry Street	Southwind Dr	Old Englewood Rd	1056	6	4	X					X	17

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Perry Street	Southwind Dr	Old Englewood Rd	1056	8	3		X				X	17
Perry Street	Old Englewood Rd	Elm St	1056	6	3	X					X	17
Perry Street	Old Englewood Rd	Elm St	1056	8	5			X			X	17
Blackburn Street	Start Of Street West	Elm St	1584	8	5	X					X	17
Blackburn Street	Start Of Street West	Elm St	1584	7	4			X			X	17
Viridian Street	Van Gogh Rd.	Elm St	1320	7	3	X					X	17
Viridian Street	Van Gogh Rd.	Elm St	1320	10	6			X			X	17
Van Gogh Rd	Madder Ln	Artist Av.	264	0	0			X			X	17
Van Gogh Rd	Madder Ln.	Artist Av.	264	5	3				X		X	17
Harmony Ln.	Artist Av	North End Of Street	1320	6	4			X			X	17
Harmony Ln.	Artist Av	North End Of Street	1320	6	5				X		X	17
Artist Av	Old Englewood Rd	776	4224	8	5	X					X	17
Artist Av	Old Englewood Rd	776	4224	7	4			X			X	17
Elm Street	776	Artist Av.	2640	7	4			X			X	17
Elm Street	776	Artist Av	2640	11	6				X		X	17
Elm Street	Artist Av	Stewart St	1584	10	5			X			X	17
Elm Street	Artist Av	Stewart St	1584	10	4				X		X	17
Elm Street	Stewart St.	Dearborn St.	2904	7	4			X			X	17
Elm Street	Stewart St.	Dearborn St.	2904	8	3				X		X	17
McCall Rd	Dearborn St	Wentworth St.	1320	8	4			X			X	17
McCall Rd	Dearborn St	Wentworth St	1320	7	3				X		X	17
McCall Rd	Wentworth St	Artist Av.	3168	8	4			X			X	17
McCall Rd	Wentworth St	Artist Av.	3168	8	5				X		X	17
Cedar Street	Stewart St	Wentworth St	1848	6	3			X			X	17
Cedar Street	Stewart St.	Wentworth St	1848	6	3				X		X	17
Cedar Street	Wentworth St	Dearborn St	1056	5	3			X			X	17
Cedar Street	Wentworth St	Dearborn St	1056	0	0				X		X	17
New York Av.	Perry Ln.	Harvard St.	1320	5	3			X			X	17
New York Av.	Perry Ln	Harvard St	1320	15	5				X		X	17
Perry Ln	776	McCall Rd	1056	6	3	X					X	17

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Perry Ln	776	McCall Rd.	1056	5	3		X				X	17
Perry Ln	776	North Broadway Rd.	528	6	3	X					X	17
Perry Ln.	776	North Broadway Rd.	528	4	3		X				X	17
Cocoanut Av	776	McCall Rd.	1320	0	0	X					X	17
Cocoanut Av	776	McCall Rd.	1320	4	2		X				X	17
Cocoanut Av	McCall Rd	Elm St	1056	4	3	X					X	17
Cocoanut Av	McCall Rd	Elm St.	1056	4	2		X				X	17
Cocoanut Av	Cedar St	Old Englewood Rd	528	4	2	X					X	17
Cocanut Av	Cedar St.	Old Englewood Rd.	528	0	0		X				X	17
Orange Street	Green St	Dearborn St.	264	0	0			X			X	26
Orange Street	Green St	Dearborn St	264	5	2				X		X	26
Orange Street	Dearborn St.	Perry St.	528	4	2			X			X	26
Orange Street	Dearborn St.	Perry St.	528	5	3				X		X	26
Mango Street	Palm Grove St	Dearborn St.	1848	5	3			X			X	26
Mango Street	Palm Grove St	Dearborn St	1848	6	3				X		X	26
Mango Street	Dearborn St	Perry St	528	5	3			X			X	26
Mangu Street	Dearborn St	Perry St	528	4	3				X		X	26
Maple Street	Perry St	Dearborn St.	528	3	2			X			X	26
Maple Street	Perry St	Dearborn St.	528	2	2				X		X	26
Maple Street	Cowles St	Palm Grove Av	528	4	2			X			X	26
Maple Street	Cowles St	Palm Grove St	528	4	2				X		X	26
Thrall Street	Wentworth St	Perry Ln.	528	4	2			X			X	26
Thrall Street	Wentworth St	Perry Ln	528	6	3				X		X	26
Broadway Rd.	Dearborn St	North Broadway Rd.	2112	7	3			X			X	17
Broadway Rd	Dearborn St	North Broadway Rd.	2112	6	3				X		X	17
Lakeview Ln	North Broadway Rd	Stratford Rd.	1320	2	2	X					X	17
Lakeview Ln	Northway Rd	Stratford Rd.	1320	0	0		X				X	17
Stratford Rd	Brighton Rd.	Wentworth St.	1056	6	4			X			X	17
Stratford Rd	Brighton Rd	Wentworth St.	1056	6	3				X		X	17
Stratford Rd	Wentworth St	Dearborn St.	1056	5	3			X			X	17

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Stratford Rd	Wentworth St	Dearborn St.	1056	5	3				X		X	17
Palm Creek Dr	Stratford Rd	Cul-De-Sac	528	6	2	X					X	17
Palm Creek Dr	Stratford Rd	Cul-De-Sac	528	5	2			X			X	17
Creek Ln.	Stratford Rd	Cul-De-Sac	528	5	2	X					X	17
Creek Ln.	Stratford Rd	Cul-De-Sac	528	5	2			X			X	17
East Wentworth Street	Stratford Rd.	Cul-De-Sac	1056	0	0	X					X	17
East Wentworth Street	Stratford Rd	Cul-De-Sac	1056	6	2			X			X	17
Oxford Dr.	North End Of Street	Dearborn St.	2640	8	5				X		X	17
Oxford Dr.	North End Of Street	Dearborn St.	2640	6	4				X		X	17
Oxford Dr	Dearborn St	Charlotte Co. Line	5280	4	3				X		X	17
Oxford Dr.	Dearborn St	Charlotte Co. Line	5280	4	2				X		X	17
Harwich Cir	Dearborn St	North End Of Street	528	5	3				X		X	17
Harwich Cir	Dearborn St	North End Of Street	528	6	2				X		X	17
Beverly Cir	Dearborn St.	North End Of Street	528	0	0				X		X	17
Beverly Cir	Dearborn St	North End Of Street	528	3	2				X		X	17
Dearborn Street	776	Pine St - South River Rd	4752	15	6	X					X	17
Dearborn Street	776	Pine St - South River Rd.	4752	8	5			X			X	17
Harbor Ln.	Perry St	Dearborn St. Ext.	528	3	3				X		X	17
Harbor Ln.	Perry St	Dearborn St. Ext.	528	3	2				X		X	17
Pine Street	Dearborn St	Poinsettia Av	5280	14	6				X		X	17
Pine Street	Dearborn St	Poinsettia Av	5280	10	4				X		X	17
Bertrand Street	Hibiscus Av	Poinciana Av.	528	0	0				X		X	17
Bertrand Street	Hibiscus Av	Poinciana Av.	528	4	2				X		X	17
Morningside Dr	Pine St	East To #737 Morningside	1848	15	6	X					X	17
Morningside Dr	Pine St	East To #737 Morningside	1848	12	5			X			X	17
Crestwood Rd.	Pine St	East End Of Pavement	3904	12	5	X					X	17
Crestwood Rd.	Pine St	East End Of Pavement	3904	11	5			X			X	17
Denburn Ct.	Oxford Dr.	Cul-De-Sac	792	3	2	X					X	17
Denburn Ct.	Oxford Dr	Cul-De-Sac	792	3	3			X			X	17
Cortes Dr	Oxford Dr	Cul-De-Sac	792	3	3	X					X	17

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Cortes Dr	Oxford Dr	Cul-De-Sac	792	3	3		X				X	17
Lakeview Pl.	Oxford Dr.	Cul-De-Sac	1056	3	3	X					X	17
Lakeview Pl	Oxford Dr	Cul-De-Sac	1056	3	3		X				X	17
French Av	Dearborn St	Langsner St. East	528	4	2			X			X	17
French Av.	Dearborn St	Langsner St. East	528	5	3				X		X	17
Langsner St. East	French Av	Michigan Av	2112	9	5	X					X	17
Langsner St. East	French Av	Michigan Av.	2112	10	5		X				X	17
Fray St. East	Sylvania Av.	Michigan Av.	528	6	4	X					X	17
Fray St. East	Sylvania Av	Michigan Av.	528	6	4		X				X	17
Cowles St. East	Michigan Av	Warren Av.	1584	9	5	X					X	17
Cowles St. East	Michigan Av	Warren Av.	1584	10	5		X				X	17
Warren Av.	Cowles St. East	Dearborn St	1320	5	3			X			X	17
Warren Av.	Cowles St. East	Dearborn St.	1320	5	3				X		X	17
Euclid Av.	Dearborn St.	Cowles St. East	1320	5	2			X			X	17
Euclid Av	Dearborn St.	Cowles St. East	1320	5	3				X		X	17
Sylvania Av	Cowles St. East	Dearborn St.	1056	7	3			X			X	17
Sylvania Av.	Cowles St. East	Dearborn St.	1056	8	3				X		X	17
Michigan Av.	Cowles St. East	Dearborn St	1320	0	0			X			X	17
Michigan Av.	Cowles St. East	Dearborn St.	1320	10	5				X		X	17
Michigan Av	Selma Av.	Riverview Av.	3904	7	3			X			X	17
Michigan Av.	Selma Av.	Riverview Av.	3904	8	5				X		X	17
Selma Av.	776	Michigan Av	1320	0	0	X					X	17
Selma Av	776	Michigan Av	1320	6	1		X				X	17
Riverview Av	Michigan Av	776	1056	6	1	X					X	17
Riverview Av.	Michigan Av	776	1056	8	4		X				X	17
Horton Av	776	Orchard Ln.	1848	7	3	X					X	17
Horton Av	776	Orchard Ln	1848	6	4		X				X	17
Orchard Ln	Horton Av	North St.	792	4	2			X			X	17
Orchard Ln	Horton Av	North St.	792	5	2				X		X	17
North St.	Spruce St	776	264	8	4	X					X	17

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	Basin
North St	Spruce St.	776	264	0	0			X			X	17
Spruce St.	Selma Av	North St	1320	7	3				X		X	17
Spruce St	Selma Av	North St	1320	10	4					X	X	17
Liberty St	Riverview Av	Selma Av	2640	7	4				X		X	17
Liberty St.	Riverview Av	Selma Av.	2640	6	4					X	X	17
Fray St West	776	McCall Rd	1320	8	4	X					X	26
Fray St West	776	McCall Rd	1320	7	3			X			X	26
Fray St West	McCall Rd	Mango St.	528	3	3	X					X	26
Fray St West	McCall Rd	Mango St.	528	5	2			X			X	26
Fray St. West	Mango St	Magnolia Av	528	6	3	X					X	26
Fray St West	Mango St.	Magnolia Av.	528	5	3			X			X	26
Fray St West	Magnolia Av	Winson Av	264	4	3	X					X	26
Fray St. West	Magnolia Av.	Winson Av.	264	5	3			X			X	26
Winson Av	Green St. West	Cul-De-Sac	1320	6	3				X		X	26
Winson Av.	Green St. West	Cul-De-Sac	1320	5	4					X	X	26
Cherokee St	Green St. West	End Of Street North	200	5	3	X					X	26
Cherokee St	Green St. West	End Of Street North	200	7	3			X			X	26
Green St West	Magnolia Av	McCall Rd	2112	6	3	X					X	26
Green St. West	Magnolia Av	McCall Rd.	2112	6	4			X			X	26
Green St West	McCall Rd	776	1056	7	3	X					X	26
Green St West	McCall Rd.	776	1056	6	3			X			X	26
Langsner St West	776	Magnolia Av	2640	8	3	X					X	26
Langsner St West	776	Magnolia Av	2640	10	2			X			X	26
Magnolia Av	Cowles St. West	Dearborn St.	1056	9	3				X		X	26
Magnolia Av	Cowles St. West	Dearborn St.	1056	6	4					X	X	26
Cowles St West	Magnolia Av	776	2640	10	4	X					X	26
Cowles St West	Magnolia Av.	776	2640	8	3			X			X	26
New York Av	Dearborn St	Church Av	2640	5	7				X		X	17
New York Av	Dearborn St.	Church Av	2640	4	3					X	X	17
Virginia Ct	McCall Rd.	776	1320	10	4	X					X	17

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE				CITY	CO	BASIN
					DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE			
Virginia Ct	McCall Rd	776	1320	9	4		X			X	17
Church Av	776	McCall Rd	1320	8	3	X				X	26
Church Av	776	McCall Rd	1320	8	4		X			X	26
Washington Av	Palm Grove Av	Cowles St. West	528	6	3			X		X	26
Washington Av	Palm Grove Av	Cowles St. West	528	0	0				X	X	26
Palm Grove Av	776	Mango St.	1848	10	3	X				X	26
Palm Grove Av	776	Mango St.	1848	8	3		X			X	26
Maple St. South	Cowles St. West	Palm Grove Av.	528	5	3			X		X	17
Maple St. South	Cowles St. West	Palm Grove Av.	528	6	3				X	X	17
Sunset Dr.	Church Av	2nd Av.	1056	12	4	X				X	26
Sunset Dr.	Church Av	2nd Av.	1056	8	3		X			X	26
Alta Vista Av.	2nd Av	Church Av	792	0	0			X		X	26
Alta Vista Av	2nd Av	Church Av.	792	5	3				X	X	26
Loma Linda St	Church Av	Alta Vista Av.	792	7	2			X		X	26
Loma Linda St.	Church Av	Alta Vista Av.	792	5	3				X	X	26
2nd Av	776	McCall Rd.	528	12	4	X				X	26
2nd Av	776	McCall Rd	528	8	4		X			X	26
River Rd.	South Tamiami Trail	Venice Av	21120	22	5	X				X	17
River Rd.	South Tamiami Trail	Venice Av.	21120	16	4		X			X	17
River Rd.	Venice Av.	I-75 Limited Access Line	2640	0	0	X				X	17
River Rd.	Venice Av	I-75 Limited Access Line	2640	0	0		X			X	17
River Rd	Pine St	South Tamiami Trail	36960	25	6	X				X	17
River Rd	Pine St	South Tamiami Trail	36960	18	5		X			X	17
Playmore Rd.	South River Rd	Myakka Dr	2640	25	6			X		X	22
Playmore Rd	South River Rd	Myakka Dr.	2640	28	6				X	X	22
De Miranda Av	South Tamiami Trail	Matanzas Rd	264	3	2	X				X	22
De Miranda Av	South Tamiami Trail	Matanzas Rd.	264	5	2		X			X	22
Matanzas Av.	De Miranda Av	De Leon Dr	1584	2	2	X				X	22
Matanzas Av	De Miranda Av.	De Leon Dr.	1584	2	2		X			X	22
Ortiz Bv.	South Tamiami Trail	Muscogee Rd	5280	12	5			X		X	22

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Ortiz Bv.	South Tamiami Trail	Muscogee Rd.	5280	8	3				X		X	22
Dorado Dr.	Ortiz Bv	Ortega Pl.	2370	7	3	X					X	22
Dorado Dr	Ortiz Bv	Ortega Pl	2370	6	4			X			X	22
Ortega Pl.	Dorado Dr	Corsica Ln	528	5	3			X			X	22
Ortega Pl	Dorado Dr	Corsica Ln	528	4	2				X		X	22
Ortega Pl	South Tamiami Trail	Cortez Ln.	1056	4	3			X			X	22
Ortega Pl	South Tamiami Trail	Cortez Ln.	1056	4	2				X		X	22
Corsica Ln	Ortega Pl	San Carlos Av.	1056	7	4	X					X	22
Corsica Ln	Ortega Pl.	San Carlos Av	1056	7	3			X			X	22
San Carlos Av	Capilla Ln	Genoa Dr.	1320	8	2			X			X	22
San Carlos Av	Capilla Ln	Genoa Dr.	1320	8	2				X		X	22
San Marino Av.	Genoa Dr.	Capilla Ln.	1320	8	4			X			X	22
San Marino Av	Genoa Dr	Capilla Ln	1320	8	2				X		X	22
San Marco Av	Capilla Ln	Genoa Dr.	1320	8	2			X			X	22
San Marco Av	Capilla Ln	Genoa Dr	1320	8	3				X		X	22
San Lorenzo Av	Genoa Dr	Capilla Ln.	1320	8	2			X			X	22
San Lorenzo Av	Genoa Dr	Capilla Ln.	1320	8	3				X		X	22
Capilla Ln.	Ortiz Bv	San Juan Dr	1056	7	2	X					X	22
Capilla Ln.	Ortiz Bv	San Juan Dr	1056	8	3			X			X	22
San Juan Dr.	Dorado Dr	San Remo Av	1056	8	6			X			X	22
San Juan Dr.	Dorado Dr.	San Remo Av	1056	8	3				X		X	22
San Remo Av	Dorado Dr	Corsica Ln.	792	4	2			X			X	22
San Remo Av	Dorado Dr	Corsica Ln.	792	8	2				X		X	22
San Remo Av	Corsica Ln	Genoa Dr	528	4	2			X			X	22
San Remo Av	Corsica Ln	Genoa Dr.	528	6	2				X		X	22
Genoa Dr	San Remo Av	West Of San Marco Av	792	9	3	X					X	22
Genoa Dr	San Remo Av	West Of San Marco Av	792	0	0			X			X	22
Genoa Dr	West Of San Marco Av	Ortiz Bv.	528	7	3	X					X	22
Genoa Dr	West Of San Marco Av	Ortiz Bv.	528	6	3			X			X	22
Saragossa Ln.	Antilla Rd.	Ortiz Bv.	4224	8	4	X					X	22

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE				CITY	CO	BASIN
					DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE		
Saragossa Ln	Antilla Rd.	Ortiz Bv.	4224	8	3		X			X	22
Saragossa Ln	Ortiz Bv.	Granada Bv.	1848	8	3	X				X	22
Saragossa Ln.	Ortiz Bv.	Granada Bv.	1848	10	4		X			X	22
Antilla Rd	Saragossa Ln	Bayamo Dr.	264	6	4			X		X	22
Antilla Rd	Saragossa Ln	Bayamo Dr.	264	6	4				X	X	22
Bayamo Dr.	Antilla Rd.	Segovia Ct.	150	6	3	X				X	22
Bayamo Dr.	Antilla Rd.	Segovia Ct.	150	0	0		X			X	22
Segovia Ct.	Bayamo Dr.	Saragossa Ln.	150	0	0			X		X	22
Segovia Ct.	Bayamo Dr.	Saragossa Ln.	150	5	3				X	X	22
Minorca Pl	Saragossa Ln	Cul-De-Sac	264	5	3			X		X	22
Minorca Pl.	Saragossa Ln.	Cul-De-Sac	264	6	2				X	X	22
Ciboa Av	Saragossa Ln.	North Of Cortez Ln.	792	8	4			X		X	22
Ciboa Av.	Saragossa Ln	North Of Cortez Ln.	792	8	4				X	X	22
Palermo Ln.	Ciboa Av.	Ortega Pl	264	7	4	X				X	22
Palermo Ln	Ciboa Av	Ortega Pl	264	4	2		X			X	22
Aragon Ln.	Ortega Pl	Ciboa Av.	528	9	4	X				X	22
Aragon Ln.	Ortega Pl	Ciboa Av.	528	9	4		X			X	22
San Rafael Av	Saragossa Ln	Santo Ln	550	6	3			X		X	22
San Rafael Av	Saragossa Ln	Santo Ln.	550	4	2				X	X	22
Santo Ln	Ortega Pl	Ronda Ln.	1320	0	0	X				X	22
Santo Ln.	Ortega Pl	Ronda Ln	1320	7	2		X			X	22
Toledo Rd	De Leon Dr	Marco Av.	1848	6	3			X		X	22
Toledo Rd.	De Leon Dr	Marco Av.	1848	6	3				X	X	22
Toledo Rd.	Marco Av	Hernando Rd.	550	6	2			X		X	22
Toledo Rd.	Marco Av	Hernando Rd	550	6	3				X	X	22
Hernando Rd	Toledo Rd	Antonio St.	1848	6	4	X				X	22
Hernando Rd	Toledo Rd	Antonio St	1848	6	3		X			X	22
Hernando Rd	Antonio St	Cul-De-Sac	2376	7	4	X				X	22
Hernando Rd	Antonio St	Cul-De-Sac	2376	8	3		X			X	22
Antonio St.	Hernando Rd.	Muscogee Rd.	1320	8	4			X		X	22

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Antonio St	Hernando Rd	Muscogee Rd	1320	7	3				X		X	22
Muscogee Rd	De Leon Dr	Ortiz Bv	528	8	4	X					X	22
Muscogee Rd	De Leon Dr	Ortiz Bv	528	0	0		X				X	22
Ovalando Pl.	Muscogee Rd.	Margarita Av	264	8	3			X			X	22
Ovalando Pl.	Muscogee Rd	Margarita Av	264	8	4				X		X	22
Luzanxa Av.	Antonio St	Cul-De-Sac	2376	10	5	X					X	22
Luzanza Av.	Antonio St	Cul-De-Sac	2376	8	4		X				X	22
Durango Av.	Antonio St.	Cul-De-Sac	2640	8	3	X					X	22
Durango Av	Antonio St.	Cul-De-Sac	2640	6	2		X				X	22
Genoa Dr	Ortiz Bv	Cul-De-Sac	1056	8	4	X					X	22
Genoa Dr	Ortiz Bv	Cul-De-Sac	1056	6	3		X				X	22
Santurce Av	Genoa Dr	Cotorro Av	1584	7	3			X			X	22
Santurce Av	Genoa Dr	Cotorro Av	1584	6	2				X		X	22
Cotorro Av.	Santurce Av	Orduna Av	528	6	3	X					X	22
Cotorro Av.	Santurce Av	Orduna Av	528	7	4		X				X	22
Venetia Av	Cotorro Av	Genoa Dr.	1584	8	3			X			X	22
Venetia Av	Cotorro Av	Genoa Dr.	1584	10	4				X		X	22
Orduna Av	Genoa Dr	Cotorro Av.	1584	8	3			X			X	22
Orduna Av.	Genoa Dr	Cotorro Av.	1584	8	2				X		X	22
Orduna Av	Cotorro Av	Liguria Av	528	6	3			X			X	22
Orduna Av	Cotorro Av	Liguria Av	528	5	2				X		X	22
Torreco St	Cotorro Av	Majorca Pl	264	4	2			X			X	22
Torreco St	Cotorro Av	Majorca Pl.	264	5	2				X		X	22
Zamora Av	Majorca Pl	Trionfo Av	528	3	2			X			X	22
Zamora Av.	Majorca Pl.	Trionfo Av.	528	5	3				X		X	22
Trionfo Av.	Ortiz Bv.	100' East Of Granada Bv	1848	7	3	X					X	22
Trionfo Av	Ortiz Bv	100' East Of Granada Bv	1848	7	3		X				X	22
Granada Bv	Trionfo Av	South Tamiami Trail	3696	12	6			X			X	22
Granada Bv	Trionfo Av	South Tamiami Trail	3696	10	4				X		X	22
Talavera St	Granada Bv	Espanola Dr.	264	10	4	X					X	22

ROADSIDE DITCHES FOR SARASOTA COUNTY

STREET NAME	FROM	TO	LENGTH	WIDTH	SLOPE DEPTH	NORTH SIDE	SOUTH SIDE	EAST SIDE	WEST SIDE	CITY	CO	BASIN
Talavera St	Granada Bv	Espanola Dr.	264	5	3		X				X	22
Capri St	Espanola Dr.	Granada Bv.	528	3	2	X					X	22
Capri St	Espanola Dr	Granada Bv.	528	3	2		X				X	22
Tangier St.	Granada Bv	Cul-De-Sac	528	6	3	X					X	22
Tangier St	Granada Bv	Cul-De-Sac	528	6	2		X				X	22
Urbino Dr	Granada Bv.	Espanola Dr	792	7	4	X					X	22
Urbino Dr	Granada Bv	Espanola Dr.	792	6	3		X				X	22
Espanola Dr.	Urbino Dr	Saragossa Ln	2112	10	5			X			X	22
Espanola Dr	Urbino Dr.	Saragossa Ln.	2112	12	4				X		X	22
Manati Av.	Granada Bv.	Mango Av.	792	6	4	X					X	22
Manati Av.	Granada Bv	Mango Av.	792	8	4		X				X	22
Monza Av	Harland Av.	Manati Av.	792	6	4			X			X	22
Monza Av	Harland Av.	Manati Av.	792	6	3				X		X	22
Harland Av.	Monza Av	Calbira Av.	528	8	2	X					X	22
Harland Av	Monza Av	Calbira Av.	528	4	2		X				X	22
Calbira Av.	Trionfo Av	Manati Av.	1056	3	2			X			X	22
Calbira Av.	Trionfo Av	Manati Av.	1056	5	2				X		X	22
San Miguel Av	Manati Av	Trionfo Av.	1056	0	0			X			X	22
San Miguel Av	Manati Av	Trionfo Av.	1056	3	2				X		X	22
TOTAL = 861.37 Mi.			4548086									

STREET SWEEPING
INVENTORY

FDOT

SARASOTA COUNTY SWEEPING LOCATIONS

LOC#1 ✓	S.R. 681 (VENICE CONNECTOR)	
ALO	MP 0.000 TO 4.558	1.86
31		
LOC#2 ✓	S.R. 756 (BEE RIDGE RD.)	
	MP 0.000 TO 5.432	13.54
LOC#3 ✓	S.R. 45 U.S. 41 (TAMIAMI TRAIL) PART 1	
	MP 3.637 TO 17.131	13.67
LOC#4 ✓	S.R. 45 U.S. 41 (TAMIAMI TRAIL) PART 2	
	MP 0.000 TO 22.390	49.17
LOC#5 ✓	S.R. 780 (FRUITVILLE RD.)	
	MP 0.372 TO 5.692	5.42
LOC#6	S.R. 776 (ENGLEWOOD RD)	
	UNDER CONS. ADDED AT LATER DATE.	0
TOTAL MILES		83.66

RESIDENTIAL SWEEPER - SOUTH COUNTY 1998

OSPREY

Church Street	.4 Miles
Washington	.1 Miles
	.5 Miles

SOUTHBAY

Southbay Drive	1.4 Miles
Windward Drive	1.0 Miles
Yacht Harbor Drive	1.5 Miles
Sea Anchor Drive	.6 Miles
Rudder Lane	.2 Miles
Passage Way	.2 Miles
Flying Bridge Lane	.4 Miles
Dory Lane	.3 Miles
Harbor House Drive	.6 Miles
Lookout Point Drive	1.4 Miles
Bouy Lane	.2 Miles
Danforth Lane	.2 Miles
Four Knot Lane	.3 Miles
Keel Way	.2 Miles
Shoal Way	.2 Miles
Landlubber Lane	.2 Miles
Landview Lane	.2 Miles
Seafarer Drive	.3 Miles
	9.4 Miles

SOUTH CREEK

North Lane	.2 Miles

SORRENTO EAST

Rubens Drive	1.6 Miles
East Rubens Drive	.8 Miles
Giovanni Drive	.3 Miles
East Rosetti Drive	.4 Miles
Lakewood Drive	1.4 Miles
Lakewood Terrace	.1 Miles
Lakewood Circle	.1 Miles
South Drive	.2 Miles
Palm Avenue East	.4 Miles
Lakewood Lane	.1 Miles
Lakewood Court	.1 Miles
West Rosetti Drive	.8 Miles
Duchamp Drive	.2 Miles
Signorelli Drive	1.0 Miles
Matisse Circle	.2 Miles
Chardin Drive	.4 Miles
West Matisse Circle	.2 Miles
North Matisse Circle	.2 Miles
East Matisse Circle	.2 Miles
South Matisse Circle	.3 Miles
Monet Drive	.8 Miles
Monet Place	.2 Miles
Degas Drive	.8 Miles
Giotto Drive	.4 Miles
Angelico Drive	.2 Miles
Trepolo Drive	.2 Miles
Da Vinci Drive	1.0 Miles
Raphael Place	.3 Miles

RESIDENTIAL SWEEPER - SOUTH COUNTY 1998

SORRENTO EAST CONTINUED

Corot Drive	.2 Miles
First Avenue	.3 Miles
Second Street	.3 Miles
Palm Drive	.2 Miles
Van Dyck Drive	.3 Miles
Leger Drive	.2 Miles
Laurencin Drive	.4 Miles
Lenain Drive	.2 Miles
Ingres Drive	.2 Miles
	15.2 Miles

SORRENTO SHORES

Lyclee Road	.1 Miles
Goya Road	.2 Miles
Casas Bonitas Drive	.3 Miles
Velasquez Drive	.1 Miles
Vanderkloot Drive	.1 Miles
	.8 Miles

SORRENTO SOUTH

Bayshore Road	.3 Miles
Murillo Drive	.2 Miles
Cavalina Drive	.3 Miles
Waterside Lane	.3 Miles
Picasso Drive	.4 Miles
Bellini Circle	.4 Miles
	1.9 Miles

SORRENTO WOODS

Sorrento Woods Boulevard	.8 Miles
Wyeth Drive	.3 Miles
Vermeer Drive	1.0 Miles
Delacroix Circle	.4 Miles
Derian Place	.3 Miles
	2.8 Miles

CITRUS AVENUE & KING STREET AREA

Citrus Avenue	.3 Miles
King Street	.2 Miles
Tangerine Road	.2 Miles
Hamlin Street	.2 Miles
Valencia Road	.2 Miles
Tangerine Drive	.1 Miles
Church Street & Collins	.5 Miles
	1.7 Miles

BAY POINT

Lyon's Bay Road	.3 Miles
Bayview Parkway	.8 Miles
Poinciana Road	.2 Miles
	1.3 Miles

DONA BAY

Colonia Lane	.6 Miles
Dona Drive	.6 Miles

RESIDENTIAL SWEEPER - SOUTH COUNTY 1998

DONA BAY CONTINUED

Small Curbs - Nokomis

Sunrise Drive	.5 Miles
Colonia Lane	.3 Miles
Nippino Trail	.4 Miles
Sunset	.2 Miles
	2.6 Miles

VENICE GARDENS

Shamrock Boulevard	4.0 Miles
West Shannon Court	.1 Miles
West Kathy Court	.1 Miles
West Douglas Court	.1 Miles
Ryan Court	.1 Miles
Michigan Drive South	.1 Miles
Michigan Drive West	.1 Miles
Michigan Drive North	.1 Miles
Bal Harbor Drive	1.2 Miles
South Gondola Drive	1.0 Miles
North Gondola Drive	1.0 Miles
Sheridan Drive	.9 Miles
Alton Road	.5 Miles
Glen Oak Road	.7 Miles
West Neponsit Drive	.8 Miles
Mount Vernon Drive	.5 Miles
Glendale Road	.4 Miles
La Gorce Drive	.5 Miles
Valencia Drive	.7 Miles
Briarwood Road	1.0 Miles
Sandlewood Drive	1.0 Miles
Blackwood Drive	.4 Miles
Hazelwood Road	.2 Miles
Cambridge Drive	1.1 Miles
Lakeside Drive	1.2 Miles
Lakeside Court	.1 Miles
South Lakeside Court	.2 Miles
North Lakeside Court	.2 Miles
North Hampton Street	.2 Miles
Bass Court	.2 Miles
Gondola Court	.3 Miles
Sklar Court	.7 Miles
Coral Sands Court	.2 Miles
Shoals Court	.2 Miles
Sandy Court	.2 Miles
Reef Court	.2 Miles
Claw Court	.3 Miles
Sklar Drive West	.6 Miles
River Oaks Court	.2 Miles
Juniper Drive	.2 Miles
Hickory Road	.1 Miles
Willow Lane	.1 Miles
	22.0 Miles

RESIDENTIAL SWEEPER - SOUTH COUNTY 1998

CHESTNUT CREEK

Venice East Boulevard	1.0 Miles
Bayport Circle	.6 Miles
Harbor Town Drive	.8 Miles
Harbor Town Way	.7 Miles
Beckley Drive	.4 Miles
Beckley Circle	1.0 Miles
Morgan Towne Way	.4 Miles
Morgan Towne Place	.1 Miles
Sugarwood Drive	.2 Miles
Sugarwood Trail	.6 Miles
Sugarwood Way	.3 Miles
Pendleton Drive	.3 Miles
Pendleton Court	.2 Miles
Pendleton Place	.2 Miles
Woodingham Trail	.7 Miles
Woodingham Lane	.2 Miles
Woodingham Place	.1 Miles
Woodingham Court	.2 Miles
Woodingham Drive	.5 Miles
	8.5 Miles

AUBURN ROAD

Auburn Road at Sawgrass Entrance	.2 Miles

LAKE OF THE WOODS

Lake of the Woods Boulevard	2.0 Miles

VENICE EAST

Venice East Boulevard	7.0 Miles
Indian Hills Boulevard	1.0 Miles
Gulf Breeze Boulevard	1.2 Miles
Whipporwill Drive	.8 Miles
Appian Way	.3 Miles
Belmont Avenue	.2 Miles
Canterbury Road	.2 Miles
Mexicali Avenue	.4 Miles
Pineview Drive	1.0 Miles
Sunnyside Drive	1.4 Miles
Parkview Drive	.6 Miles
Arno Road	.2 Miles
Lorraine Avenue	.6 Miles
Manor Road	.5 Miles
Dorchester Drive	1.6 Miles
Capri Avenue	.5 Miles
Mount Vernon Drive	.8 Miles
Bellaire Drive	.8 Miles
Willowick Way	.4 Miles
Alsace Avenue	.6 Miles
Golf Club Lane	.9 Miles
Sandhurst Drive	.8 Miles
Woodrose Way	.3 Miles
Malvern Drive	.6 Miles
Algiers Drive	1.2 Miles
Malvern Circle	.2 Miles
Paddington Road	.4 Miles
Saxon Circle	.2 Miles
East Village Drive	1.1 Miles
	25.8 Miles

RESIDENTIAL SWEEPER - SOUTH COUNTY 1998

SOUTH VENICE

Alligator Drive	.1 Miles
Shamrock Drive	.1 Miles
	.2 Miles

GULF VIEW ESTATES

Adams Road	.1 Miles

ENGLEWOOD ISLES

Englewood Isles Parkway	1.3 Miles
Bridge Street	.6 Miles
Bayshore Drive	.3 Miles
Dover Drive	.9 Miles
Gladstone Boulevard	1.2 Miles
Brandywine Circle	.4 Miles
Firethorn Avenue	.5 Miles
Eden Drive	1.6 Miles
Eden Place	.1 Miles
Eden Circle	.1 Miles
Dover Circle	.4 Miles
Woodland Drive	.6 Miles
Pineneedle Lane	.4 Miles
Boxwood Lane	.3 Miles
Lemonwood Drive	.3 Miles
Rockwood Way	.4 Miles
Ardenwood Drive	.6 Miles
Stonesthrow Way	.2 Miles
Red Ash Circle	.1 Miles
Windsor Drive	1.4 Miles
Brentwood Lane	.4 Miles
Pine Ridge Way	.3 Miles
Old Trail Road	.3 Miles
Waterford Drive	1.1 Miles
Oakwood Circle	1.0 Miles
Oakwood Drive South	.2 Miles
	15.0 Miles

PINE LAKE

Charleston Circle	1.0 Miles
Jamestown Avenue	.4 Miles
Newport Street	.2 Miles
Perimeter Drive	1.2 Miles
Tiffany Street	.2 Miles
Clintwood Avenue	.2 Miles
	3.2 Miles

ENGLEWOOD AREA

Green Street West	.2 Miles
Medical Boulevard Entrance	.1 Miles
	.3 Miles

TOTAL MILEAGE = 113.7

ATTACHMENT "A"
SARASOTA COUNTY MECHANICAL STREET SWEEPING
NORTH COUNTY

Ref. #	Street (From - To)	Curb Miles
#1	<u>17th Street</u> : 301 to Russell Street	12.6
#2	<u>Avenida Messina</u> : Beach Road to Ocean Blvd.	0.6
#3	<u>Bahia Vista</u> : Jaki Avenue to Cattlemen Road	0.2
#4	<u>Bahia Vista</u> : US 41 to Quail Run Trail	7.0
#5	<u>Bay Street</u> : US 41 to GTE Substation	3.2
#6	<u>Beach Road</u> : Midnight Pass Road to Columbus Blvd.	3.0
#7	<u>Beneva Road</u> : US 41 to 17th Street	30.0
#8	<u>Cattlemen Road</u> : Bee Ridge Road to Colonial Oaks Blvds	2.0
#9	<u>Cattlemen Road</u> : 1529 Cattlemen Rd. to Venice Trce	1.0
#10	<u>Cattlemen Road</u> : Fruitville Road to Richardson Road	1.4
#11	<u>Center Gate Blvd</u> : Proctor Road to Bee Ridge Road	3.2
#12	<u>Central Sarasota Pkwy</u> : US 41 to Turtle Rock Subdivision	2.8
#13	<u>Constitution Blvd</u> : US 41 to Swift Road	2.0
#14 °	<u>Desoto Road</u> : Railroad Tracks to University Pkwy.	0.4
#15 °	<u>Desoto Road</u> : 3109 Desoto Rd. to Lockwood Ridge Road	0.2
#16	<u>Fruitville Road</u> : City Limits to Honore Avenue	2.4
#17	<u>Gateway Drive</u> : Stickney Point Rd. to Gulf Gate Dr.	1.0
#18	<u>Gulf Gate Dr</u> : US 41 to Beneva Road	7.0
#19	<u>Honore Ave</u> : Colonial Oaks Blvd. to Turtle Creek Lane	0.8
#20	<u>Honore Ave</u> : South of Proctor Rd. to Bee Ridge Road	5.6
#21	<u>Honore Ave</u> : South of Fruitville Rd. to Richardson Road	1.6
#22	<u>Honore Ave</u> : Longmeadow to University Pkwy.	1.8
#23 °	<u>Lockwood Ridge Rd</u> : City Limits to University Pkwy.	8.4
#24 °	<u>Lockwood Ridge Rd</u> : Fruitville Road to Jolson	0.2

#25	Lockwood Ridge Rd: Lexington Street to Osage Terrace	0.4
#26	Longwood Run: End of Curb to University Pkwy.	0.2
#27	Mall Drive: Colonial Drive to Mall Stop Sign	0.4
#28	Mauna Loa Blvd: End of Street to Bee Ridge Road	2.8
#29	McIntosh Rd: US 41 to North of Railroad Tracks	8.2
#30	McIntosh Rd: Hicks Street to Little John Trail	6.2
#31	McIntosh Rd: South of Proctor Rd. to 4716 McIntosh Rd.	0.4
#32	Midnight Pass Rd: Old Stickney Point Rd. to Ocean Blvd.	0.4
#33	Ocean Blvd: Beach Road to Treasure Boat Way	1.0
#34	Palmer Ranch Pkwy: Beneva Rd. to McIntosh Road	3.4
#35	Potter Park Dr: Central Sara. Pkwy to Central Sara. Pkwy	1.4
#36	Proctor Road: US 41 to 6102 Proctor Rd. (East of I-75)	14.4
#37	Sarasota Square Blvd: Beneva Rd. to McIntosh Rd.	3.6
#38	Sawyer Rd: Sawyer Court to Bee Ridge Rd.	0.2
#39	Shade Ave: Roselawn St. (Curb End) to Sunny Side Pl.	1.4
#40	Siesta Dr: US 41 to South Gate Circle	4.4
#41	Stickney Point Rd: Midnight Pass Rd. to US 41	3.6
#42	Superior Dr: Gulf Gate Drive to Mall Drive	0.4
#43	Swift Rd: Clark Road to Bee Ridge Road	8.0
#44	Tuttle Avenue: Bee Ridge road to 47th Street	18.8
#45	University Pkwy: US 41 to I-75	7.4
#46	University West: University Pkwy. to signs (301, I-75, US 41)	0.4
#47	Webber St: US 41 to Toaf Avenue	8.6
#48	Wilkinson Rd: Bliss Road to Cattlemen Road	2.2

TOTAL 196.6

ATTACHMENT "A"
SARASOTA COUNTY MECHANICAL STREET SWEEPING
SOUTH COUNTY

Ref. #	Street (From - To)	Curb Miles
#49	<u>Albee Farm Rd</u> : US 41 to Laurel Road	9.2
#50	<u>Colonia Lang</u> : US 41 to Dona Drive	0.6
#51	<u>Dearborn St</u> : Old Englewood Road to Beverly Circle	3.6
#52	<u>Laurel Rd</u> : US 41 to Pinebrook Road	1.2
#53	<u>Pinebrook Rd</u> : City Limits to Laurel Road	2.4
#54	<u>Pine Street & Dearborn Street</u> : Intersection	2.4
#55	<u>Rockley Blvd</u> : US 41 to Center Road x	8.0
#56	<u>Venice Avenue</u> : US Business 41 to Jacaranda Blvd.	10.2
#57	<u>Venice East Blvd</u> : US 41 to Center Road x	8.4
#58	<u>Wexford Blvd</u> : Rockley Blvd. to Wexford Drive x y	4.8
#59	<u>Woodmere Park Blvd</u> : US 41 to Cadbury Circle	2.8
	<u>TOTAL</u>	53.6

RESIDENTIAL SWEEPER - NORTH COUNTY 1998

RAVENWOOD

Ravenwood Drive .6 Miles

CEDAR CREEK

Brook Lane .5 Miles
 Shady Brook Way .2 Miles
 Shady Brook Court .1 Miles
 Shady Brook Trail .2 Miles
 Forester Pond Avenue .2 Miles
 Forester Lake Drive .4 Miles
 Forester Pine Court .1 Miles
 Forester Oaks Court .1 Miles
 Bonaventure Lane .1 Miles
 Bonaventure East Court .3 Miles
 Milton Avenue .4 Miles
 Helen Way .2 Miles
 Maple Hollow .2 Miles
 Conservatory .2 Miles
3.0 Miles

TRI PAR ESTATES

Tri Par Drive 1.6 Miles
 Desert Inn Avenue .1 Miles
 Palm Springs Street .8 Miles
 Midlothian Street .5 Miles
 Calumet Avenue .2 Miles
 Olympia Fields Street .6 Miles
 Old Elm Street .4 Miles
 Blind Brook Drive .2 Miles
 Boca Raton Avenue .7 Miles
 Broadmoor Street .6 Miles
 Beechmont Avenue .4 Miles
 Pebble Beach Avenue .6 Miles
 Oakland Hills Avenue .6 Miles
 Grassy Sprain Street .2 Miles
 Burning Tree Street .4 Miles
 Brae Burn Avenue .4 Miles
 Sea Island Avenue .4 Miles
 Skokie Drive .2 Miles
 Winged Foot Avenue .4 Miles
 Presidio Street .5 Miles
 Rancho Avenue .4 Miles
 Glen Echo Avenue .4 Miles
 Bel Air Avenue .4 Miles
 Cherry Hill Avenue .2 Miles
 Kenwood Avenue .2 Miles
 Brookfield Terrace .6 Miles
 Hidden Springs Avenue .3 Miles
 Innisbrook Lane .2 Miles
 Laurel Valley Avenue .2 Miles
 Cypress Point Lane .3 Miles
 Woodstock Lane .3 Miles
13.3 Miles

RESIDENTIAL SWEEPER - NORTH COUNTY 1998

SPRING OAKS

Shade Avenue	.6 Miles
Spring Oaks Lane	1 Miles
Spring Oaks Circle	.2 Miles
Spring Oaks Court	.2 Miles
Spring Oaks Way	1 Miles
Seward Circle	.3 Miles
Silver Maple Court	.3 Miles
Seward Drive	1.0 Miles
Ashberry Drive	.5 Miles
Ashberry Circle	.1 Miles
	3.4 Miles

NORTHGATE INDUSTRIAL PARK

Northgate Boulevard	.8 Miles
Northgate Court	.4 Miles
Independence Boulevard	.6 Miles
Independence Court	.4 Miles
	2.2 Miles

INDUSTRIAL BOULEVARD

Industrial Boulevard	1.7 Miles

NEWTOWN ESTATES

Newtown Boulevard	1.4 Miles
King Boulevard	.4 Miles
Bunche Street	.7 Miles
Powell Circle	.1 Miles
Banaker Way	.5 Miles
Joe Louis Drive	.3 Miles
McCloud Circle	.2 Miles
Evers Circle	.1 Miles
Clay Circle	.1 Miles
	3.8 Miles

MAPLE HAMMOCK

Maple Hammock Drive	.2 Miles
China Berry Lane	.1 Miles
Blechnum Fern Lane	.1 Miles
	.4 Miles

MEADOWS

Hadfield Drive	1.3 Miles

RACIMO RANCH ACRES

Racimo Drive	3.0 Miles
Duke Drive	.2 Miles
Coronet Drive	.6 Miles
Jewel Drive	.6 Miles
Castle Drive	1.4 Miles
Duchess Drive	.2 Miles
	6.0 Miles

RESIDENTIAL SWEEPER - NORTH COUNTY 1998

THE WOODS

Briar Creek Lane	.3 Miles
Briar Creek Place	.4 Miles
Briar Creek Way	.2 Miles
Briar Creek Court	.1 Miles
Wood Hollow Place	.2 Miles
Wood Hollow Lane	.2 Miles
Wood Hollow Court	.2 Miles
Wood Hollow Circle	.1 Miles
Wood Hollow Way	.4 Miles
	2.1 Miles

KENSINGTON PARK

27th Parkway	2.2 Miles
Parador Place	.2 Miles
Omega Lane	.4 Miles
Omega Circle	.2 Miles
Prudence Drive	2.6 Miles
Roxane Boulevard	1.2 Miles
Schwalbe Drive	1.4 Miles
University Place	.5 Miles
Vera Place	.3 Miles
Tee Road	.6 Miles
Tee Lane	.2 Miles
Sugar Lane	.2 Miles
Melgert Lane	.4 Miles
Melgert Place	.4 Miles
Melgert Circle	.1 Miles
Prudence Circle	.2 Miles
Lench Place	.4 Miles
Nottingham Drive	.5 Miles
Nottingham Circle	.2 Miles
Kilgore Place	.4 Miles
Jay Place	.4 Miles
Ingot Place	.4 Miles
Monica Parkway	1.6 Miles
Randa Boulevard	1.0 Miles
Eagle Street	.4 Miles
Eagle Way	.3 Miles
Dante Drive	.6 Miles
Glouster Street	.4 Miles
Fauna Street	.4 Miles
Ridge Avenue	.8 Miles
24th Parkway	.9 Miles
24th Circle	.1 Miles
24th Way	.2 Miles
Randa Way	.2 Miles
Dudley Street	.6 Miles
Dudley Place	.4 Miles
Elk Avenue	.4 Miles
Fern Avenue	.4 Miles
Gold Avenue	.6 Miles
Dover Drive	.6 Miles
Ivy Place	.4 Miles
Schwalbe Way	.2 Miles
Harley Avenue	.4 Miles

RESIDENTIAL SWEEPER - NORTH COUNTY 1998

KENSINGTON PARK - CONTINUED

Dover Street	.2 Miles
Crampton Avenue	.4 Miles
Barstow Street	.4 Miles
Barstow Place	.2 Miles
Andrea Place	.4 Miles
Andrea Street	.3 Miles
Fountain Place	.4 Miles
Fountain Circle	.2 Miles
Galleon Place	.4 Miles
Heather Place	.4 Miles
Monica Place	.1 Miles
27.7 Miles	

LEISURE LAKES

Monica Parkway	.4 Miles
Tarpon Avenue	.2 Miles
22nd Street	.7 Miles
Leisure Place	.4 Miles
Pompano Avenue	.5 Miles
Bernadette Lane	.2 Miles
Conrad Avenue	.4 Miles
Brink Avenue	.3 Miles
Chrysler Avenue	.6 Miles
Rhoades Terrace	.3 Miles
Dodge Avenue	.6 Miles
Allendale Avenue	.6 Miles
Claude Lane	.2 Miles
5.4 Miles	

LOCKWOOD MEADOWS

Lockwood Meadows Boulevard	1.6 Miles
North Lockwood Meadows Court	.1 Miles
South Lockwood Meadows Court	.1 Miles
Lockwood Meadows Drive	.4 Miles
Lockwood Meadows Circle	.2 Miles
Lockwood Lake Circle	1.3 Miles
Lockwood Lake Court	.1 Miles
Lockwood Meadows Street	.4 Miles
Lockwood Meadows Way	.2 Miles
Lockwood Meadows Terrace	.2 Miles
5.4 Miles	

DEER HOLLOW

Deer Hollow Boulevard	1.4 Miles
Bay Hill Circle	.6 Miles
Pauma Place	.4 Miles
Pauma Court	.2 Miles
Fawnwood Circle	.6 Miles
Deer Hollow Trail	.4 Miles
Deer Hollow Place	.2 Miles
Deer Hollow Lane West	.4 Miles
Deer Hollow Lane East	.3 Miles
Deer Hollow Way	.2 Miles
4.7 Miles	

RESIDENTIAL SWEEPER - NORTH COUNTY 1998

GEORGETOWNE

Georgetown Boulevard	1.1 Miles
Georgetown Place	.5 Miles
Georgetown Court	.1 Miles
Georgetown Circle	1.8 Miles
Georgetown Lane	.6 Miles
Georgetown Drive	.7 Miles
	4.8 Miles

COUNTRY MEADOWS

Country Meadows Boulevard	1.0 Miles
Country Meadows Drive	.3 Miles
Country Meadows Way	.1 Miles
Country Meadows Lane	.2 Miles
Country Meadows Court	.1 Miles
Country Meadows Terrace	.2 Miles
Country Meadows Place	.1 Miles
Country Meadows Circle	.2 Miles
	2.2 Miles

SHENANDOAH

Shady Parkway	.4 Miles
Shadyview	.1 Miles
	.5 Miles

SHADOW RIDGE

Shadow Ridge Circle	1.0 Miles

SHADOW OAKS

Palmer & Porter Road	.1 Miles
Porter Road	.4 Miles
Shadow Wood Lane	.6 Miles
Shadow Lakes Drive	.4 Miles
Shadow Oaks Road	1.4 Miles
	2.9 Miles

TAMARON

Oak View Drive	1.8 Miles
Eastwood Drive	1.3 Miles
Eastwood Lane	.1 Miles
Palmwood Drive	1.1 Miles
Dogwood Drive	.5 Miles
Kirkwood Lane	.3 Miles
Galewood Drive	.8 Miles
Springwood Drive	.9 Miles
Lemonwood Drive	.5 Miles
Basswood Drive	.6 Miles
Fleetwood Drive	.6 Miles
Carrollwood Drive	.3 Miles
Orangewood Lane	.3 Miles
Woodhaven Drive	.1 Miles
Woodhaven Circle	.8 Miles
Woodhaven Lane	.2 Miles
	10.2 Miles

RESIDENTIAL SWEEPER - NORTH COUNTY 1998

FOREST LAKES

Mid Ocean Circle 1.0 Miles

COLONIAL OAKS

Colonial Oaks Boulevard .4 Miles
West Burr Oak Court .3 Miles
East Burr Oak Court .3 Miles
Burr Oak Circle 1.0 Miles
Hagerman Road .3 Miles
2.3 Miles

COUNTRYWOOD PLACE

Countrywood Drive .8 Miles
Indianwood Drive 1.2 Miles
Indianwood Way .2 Miles
Indianwood Place .2 Miles
Whistlewood Way .2 Miles
Whistlewood Circle 1.6 Miles
Whistlewood Place .2 Miles
4.4 Miles

COLONIAL GABLES

Woodmont Drive 2.4 Miles
Spainwood Drive 1.2 Miles
Kingswood Drive 1.2 Miles
Winewood Drive .4 Miles
Woodmont Place .1 Miles
Duncanwood Place .2 Miles
Briarcliff Drive .3 Miles
Cedarwood Drive .3 Miles
Homewood Drive .3 Miles
Homewood Place .1 Miles
Rollingwood Drive .4 Miles
Hayden Boulevard 1.0 Miles
Sharondale Drive .3 Miles
Duncanwood Drive .6 Miles
Winderwood Drive .4 Miles
Tyne Lane 1.0 Miles
Foxwood Drive .5 Miles
Lakewood Drive .4 Miles
Colewood Drive .5 Miles
Laurelwood Place .5 Miles
Brookmeade Drive 1.0 Miles
Stokes Drive .6 Miles
Aloha Drive .6 Miles
Skyline Place .5 Miles
Knollwood Place .4 Miles
Starwood Place .4 Miles
Woodvale Drive .2 Miles
Stokes Way .2 Miles
Castleman Drive .4 Miles
Hayden Drive .4 Miles
Lalani Boulevard 1.3 Miles
Lalani Way .2 Miles
Bali Drive .6 Miles
Bellmeade Drive .6 Miles
Papai Drive .6 Miles

RESIDENTIAL SWEEPER - NORTH COUNTY 1998

COLONIAL GABLES - CONTINUED

Lahaina Drive	1.0 Miles
Crestridge Drive	.4 Miles
Lei Drive	.5 Miles
Taro Place	.6 Miles
Taro Way	.2 Miles
Lokai Place	.6 Miles
Java Plum Avenue	1.5 Miles
Island Date Street	1.0 Miles
Island Date Way	.2 Miles
Island Date Circle	.4 Miles
Silk Oak Drive	1.0 Miles
Linwood Drive	2.0 Miles
Vinson Way	2.0 Miles
Nodosa Drive	1.1 Miles
Bucida Drive	1.0 Miles
Live Oak Drive	.3 Miles
Golden Poinciana Place	.6 Miles
	34.5 Miles

BRENTWOOD

Forest Knoll Drive	.4 Miles
Pursell Circle	.4 Miles
Garriott Lane	.2 Miles
	1.0 Miles

VILLAGE GREEN

Village Green Drive	1.8 Miles
Shoffield Circle	.6 Miles
Springmill Circle	.6 Miles
Lockwood Ridge Road	2.0 Miles
Pine Valley Drive	1.5 Miles
Pine Valley Lane	.2 Miles
Brookhaven Drive	1.8 Miles
Suncrest Drive	.4 Miles
Fairview Drive	.5 Miles
Key Way	.2 Miles
Key Avenue	.4 Miles
Pinecrest Street	1.4 Miles
Homosassa Road	1.0 Miles
Meyer Place	.2 Miles
Thornton Place	.2 Miles
Key Place	.2 Miles
Umatillo Avenue	.4 Miles
Duncan Place	.2 Miles
Jennings Drive	.6 Miles
Villa Franca Avenue	.4 Miles
Theresa Lane	.4 Miles
Woodcrest Drive	.4 Miles
	15.0 Miles

RESIDENTIAL SWEEPER - NORTH COUNTY 1998

SOUTHGATE

Espanola Avenue	.5 Miles
Brookline Drive	.5 Miles
Leafy Lane	.4 Miles
Espanola Drive	.8 Miles
Dawson Street	.8 Miles
Darwin Avenue	.4 Miles
Croton Avenue	.4 Miles
Botany Avenue	.4 Miles
Bigelow Drive	.4 Miles
Allison Drive	.2 Miles
Sheridan Drive	.5 Miles
Tanglewood Drive	2.1 Miles
Tanglewood Way	.2 Miles
Drake Lane	.1 Miles
Fair Oaks Place	.4 Miles
Pincrest Way	.2 Miles
Rose Street	1.5 Miles
Rosewood Place	.2 Miles
Bougainvillea Street	1.6 Miles
Rose Way	.1 Miles
Goldenrod Street	.5 Miles
Duncan Way	.2 Miles
Duncan Avenue	.5 Miles
Elmore Place	.2 Miles
Meyer Drive	.4 Miles
Tyrone Lane	.3 Miles
Spencer Lane	.3 Miles
Vinoy Place	.2 Miles
Brink Avenue	1.0 Miles
Tellow Place	.2 Miles
Bentley Street	.4 Miles
Tuttle Terrace	.9 Miles
Alpine Avenue	.6 Miles
Ivory Place	.2 Miles
Sunnyside Street	.7 Miles
Sunnyside Place	.3 Miles
Sunnyside Lane	1.0 Miles
Juniper Place	.4 Miles
Jefferson Avenue	.4 Miles
Goldenrod Street	1.6 Miles
Upper Tangelo Drive	.4 Miles
Tangelo Drive	.6 Miles
Grove Street	1.4 Miles
Euclid Avenue	.5 Miles
Sunnybrook Drive	.5 Miles
Marshall Drive	.3 Miles
Fruit Tree Drive	.2 Miles
Calamanga Lane	.3 Miles
School Circle	.2 Miles
Valencia Drive	1.4 Miles
Satsuma Drive	.4 Miles
Tangerine Drive	.6 Miles
Mineola Way	.4 Miles
Mineola Drive	.7 Miles
Jaffa Drive	1.0 Miles
Parson Lane	.3 Miles

RESIDENTIAL SWEEPER - NORTH COUNTY 1998

SOUTHGATE - CONTINUED

Hamlin Lane	.3 Miles
Foster Lane	.3 Miles
Tulip Street	1.1 Miles
School Avenue	1.0 Miles
River Ridge Way	.2 Miles
River Ridge Drive	.7 Miles

SOUTHGATE - SMALL CURBS

Glengary Street	.2 Miles
Worrington Street	.2 Miles
Robinhood Street	.2 Miles
Ivanhoe	.2 Miles
Kenilworth Street	.2 Miles
	36. Miles

BARTON FARMS

Iona Road to Deft Road	.7 Miles

BENT TREE

Bent Tree Boulevard	3.2 Miles
Southwell Way	1.2 Miles
Macaulay Lane	.2 Miles
Wyatt Circle	.2 Miles
Boswell Place	.4 Miles
Vaghan Lane	.4 Miles
Dryden Circle	.2 Miles
Keats Drive	.4 Miles
Charing Cross Road	1.0 Miles
Charing Cross Circle	.2 Miles
Hawkshead Parkway	.4 Miles
Overbury Place	.2 Miles
Meredith Lane	.2 Miles
Malory Place	.3 Miles
Titchborne Circle	.2 Miles
Alexander Pope Lane	.4 Miles
Masefield Place	.4 Miles
Thomas Hobbs Place	.4 Miles
Talbot Place	.2 Miles
Kipling Circle	.3 Miles
Addison Place	.2 Miles
Sedley Lane	.1 Miles
John Donne Circle	.1 Miles
Bronte Place	.3 Miles
Francis Bacon Lane	.2 Miles
Congreve Place	.25 Miles
Marlowe Drive	.3 Miles
Brandywine Drive	.5 Miles
Herrick Lane	.1 Miles
DeLoe Square	.4 Miles
	12.85 Miles

LAKEVIEW ESTATES

Wake Avenue	.2 Miles

RESIDENTIAL SWEEPER - NORTH COUNTY 1998

LAKE SARASOTA

Brentford Road	1.0 Miles
Friendship Drive	1.8 Miles
Tarawa Drive	.8 Miles
Lanai Drive	.6 Miles
Jarvis Road	1.2 Miles
Suva Way	.2 Miles
Timor Place	.4 Miles
Samoa Place	.8 Miles
Jarvis Way	.2 Miles
Honolulu Drive	.4 Miles
Kahana Way	.4 Miles
Tonga Drive	.5 Miles
Waikiki Drive	.5 Miles
Bikini Way	.5 Miles
Maua Way	.3 Miles
Bikini Road	.1 Miles
Luzon Way	.2 Miles
Lancaster Drive	1.6 Miles
Palau Drive	1.0 Miles
Byron Way	.2 Miles
Vana Drive	1.0 Miles
Wake Avenue	.4 Miles
Eton Place	.4 Miles
Chaucer Lane	.3 Miles
Middlesex Place	.3 Miles
Coleridge Lane	.3 Miles
Berkshire Drive	.8 Miles
Westminster Drive	1.0 Miles
Tema Lane	.4 Miles
Allan Place	.3 Miles
Tora Place	.2 Miles
Marlborough Avenue	.2 Miles
Hagen lane	.1 Miles
	18.4 Miles

CENTERGATE

Center Pointe Drive	.7 Miles
Centergate Boulevard	3.5 Miles
Dominica Circle	1.0 Miles
Exuma Place	.3 Miles
Aruba Place	.2 Miles
Wilkinson Road	2.6 Miles
Eleuthera Court	.3 Miles
Carnos Court	.3 Miles
Boulder Boulevard	.3 Miles
Creekwood Drive	.6 Miles
Creekwood Circle	.3 Miles
Longhorn Drive	.8 Miles
Tonto Way	.1 Miles
Mesa Avenue	.4 Miles
Mesa Way	.1 Miles
Maverick Avenue	.6 Miles
Cochise Terrace	.7 Miles
	12.8 Miles

RESIDENTIAL SWEEPER - NORTH COUNTY 1998

FOREST HILLS

West Rainbow Circle	.2 Miles
Summerwood Court	.4 Miles
Roselawn Street / Circle	1.2 Miles
Haley Lane	.2 Miles
Fiesta Drive	.2 Miles
Stoneland Lane	.05 Miles
	2.25 Miles

SIESTA KEY

Treasure Boat	.8 Miles
Peaceable Way	.1 Miles
Oxford Drive	.2 Miles
Plymouth Street	.2 Miles
Roberts Point Road	.2 Miles
Roberts Point Circle	.1 Miles
Siesta Key Circle	1.2 Miles
Siesta Key Place	.1 Miles
Birdsong Lane	.5 Miles
Venice Lane	.8 Miles
Common Wealth Lane	.4 Miles
Common Wealth Drive	.4 Miles
Common Wealth Place	.2 Miles
North View Drive	.2 Miles
Siesta Cove Drive	1.0 Miles
Siesta Court	.4 Miles
South View Drive	.4 Miles
Calle Minorga	.1 Miles
Vienda Minorga	.2 Miles
Avenida Melaro	.4 Miles
Avenida Del Paradisio	.3 Miles
Avenida Veneccia	.2 Miles
Cape Letyette Drive	1.6 Miles
Cape Letyette Way	.4 Miles
Cape Aqua	.3 Miles
Beach Way	.2 Miles
Shadow Lawn Drive	.9 Miles
Idle Wild Way	.3 Miles
Paradise Way	.3 Miles
Contento Drive	1.8 Miles
Contento Circle	.2 Miles
Contento Street	.3 Miles
Avenue A	.3 Miles
Canal Road	.2 Miles
Avenida Leona	.2 Miles
Avenida Milano	.3 Miles
Avenida Navarra	.2 Miles
Beach Road	.3 Miles
Glebe Lane	.2 Miles
Reid Street	.1 Miles
Edgemere Lane	.2 Miles
Windard place	.2 Miles
Plaza Des Las Palmas	.1 Miles
Avenida Del Norte	.5 Miles
Turtle Beach Road	.1 Miles
Blind Pass Road	.1 Miles

RESIDENTIAL SWEEPER - NORTH COUNTY 1998

SIESTA KEY - CONTINUED - SMALL CURBS

Saint Albans Avenue	.2 Miles
South End of Oxford	.3 Miles
	18.4 Miles

THE GROVE

Grove Pointe Boulevard	.4 Miles
Sandy Pointe Drive	.8 Miles
Cedar Pointe Boulevard	.4 Miles
Wild Pointe Drive	.3 Miles
Oak Pointe Way	.4 Miles
Wild Pointe Way	.2 Miles
Wood Pointe Way	.6 Miles
Stone Pointe Drive	.6 Miles
Post Pointe Drive	.8 Miles
Sandy Pointe Court	.1 Miles

THE GROVE - OFF ASHTON

Moeller Avenue	.2 Miles
Birch Avenue	.2 Miles
Summerwood Court	.3 Miles
	5.3 Miles

COUNTY WALK

County Walk Lane	.2 Miles

COUNTRY PLACE

Country Place Boulevard	1.6 Miles
Country Place Lane	.1 Miles
Countryside Road	1.0 Miles
Countryside Lane	.4 Miles
Countryview Drive	1.1 Miles
Countryview Lane	.2 Miles
Countryview Circle	.2 Miles
Sawyer Road	.5 Miles
Ashton	.1 Miles
	5.4 Miles

ASHTON LAKES

Osage Terrace	.4 Miles
Bronx Avenue	.6 Miles
New York Avenue	.6 Miles
Brooklyn Avenue	.6 Miles
Nutmeg Avenue	.7 Miles
Mohawk Street	.1 Miles
Osage Terrace	.1 Miles
Arapaho Street	.3 Miles
Murdock Avenue	.3 Miles
Olive Avenue	.2 Miles
	3.9 Miles

RESIDENTIAL SWEEPER - NORTH COUNTY 1998

GREENFIELD

Greenfield Avenue	.3 Miles
Hollybrook Way	.2 Miles
Sunnydale Circle	.8 Miles
	1.3 Miles

OAKLEAF

Reno Drive	.2 Miles
Old Creek Road	.2 Miles
Old Oakleaf Drive	.2 Miles
Old Stone Road	.2 Miles
Old Fern Road	.2 Miles
Old Tree Place	.1 Miles
	1.1 Miles

MCINTOSH LAKE

McIntosh Lake Drive	.4 Miles
Golden Lake Road	.4 Miles
	.8 Miles

SOUTHGATE RIDGE

MacEachern Boulevard	2.2 Miles
Naomi Ridge Lane	.3 Miles
Falcon Ridge Drive	.4 Miles
Glen Ridge Lane	.2 Miles
Coco Ridge Circle	.4 Miles
Lark Ridge Place	.2 Miles
Lark Ridge Circle	.9 Miles
Hunter Ridge Drive	.6 Miles
Mundy Ridge Drive	.5 Miles
Warren Ridge Street	.4 Miles
Onaway Ridge Place	.2 Miles
Woodrow Ridge Street	.7 Miles
Deer Ridge Place	.4 Miles
Emerald Ridge Drive	.2 Miles
Perry Ridge Place	.2 Miles
Deerfield Drive	.5 Miles
Helene Street	1.2 Miles
Des Plaines Drive	.4 Miles
Wilmette Place	.2 Miles
Pasadena Circle	1.0 Miles
Pasadena Court	.3 Miles
Huntleigh Drive	.6 Miles
Aster Drive	.7 Miles
	12.7 Miles

TOWN & COUNTRY ESTATES

Beneva Lane	.1 Miles
Southland	.2 Miles
	.3 Miles

RESIDENTIAL SWEEPER - NORTH COUNTY 1998

PHILLIPPI GARDENS

Constitution Boulevard	2.1 Miles
Aquitania Place	.1 Miles
Lusitania Drive	.3 Miles
America Drive	1.0 Miles
Majestic Way	.2 Miles
Merrimac Drive	.7 Miles
Michelo Drive	.4 Miles
Montclair Drive	.5 Miles
Britannia Road	1.2 Miles
Britannia Drive	.4 Miles
Bismark Way	.4 Miles
Savannah Drive	.3 Miles
Waneta Drive	.7 Miles
Monitor Place	.1 Miles
Isanda Place	.2 Miles
Volsella Place	.3 Miles
Orsova Way	.2 Miles
Bismark Way	.2 Miles
Antietam Drive	.3 Miles
Antilles Drive	.4 Miles
Yorkshire Drive	.4 Miles
Waneta Place	.5 Miles
Yorkshire Way	.2 Miles
Scotia Place	.1 Miles
	13.4 Miles

AQUA LANE ESTATES

Hollywood Boulevard	.4 Miles
Southwood Street	.9 Miles
Tridewood Avenue	.8 Miles
Meadowood Street	.5 Miles
Larchwood Avenue	.5 Miles
Bharwood Avenue	.5 Miles
Wildwood Avenue	.6 Miles
Driftwood Avenue	.6 Miles
Rosewood Avenue	.2 Miles
Driftwood Place	.3 Miles
Sherwood Street	.6 Miles
Brentwood Avenue	.2 Miles
	6.1 Miles

EMERALD GARDENS

Jade Avenue	.1 Miles
Diamond Circle North	.6 Miles
Diamond Circle West	.4 Miles
Diamond Circle South	.4 Miles
Diamond Circle East	.4 Miles
Opal Circle	.4 Miles
Topaz Court	.2 Miles
	2.5 Miles

RESIDENTIAL SWEEPER - NORTH COUNTY 1998

BENEVA WOODS

Beneva Woods Boulevard	.4 Miles
Beneva Woods Circle	1.4 Miles
Beneva Woods Way	.4 Miles
	2.2 Miles

GULFGATE

Terry Lane	.8 miles
Linda Street	.2 Miles
Avenue A	.2 Miles
Markridge Road	1.3 Miles
Lockwood Ridge Road	.7 Miles
Goodwater Street	.3 Miles
Bluewater Avenue	.4 Miles
Bowline Drive	.8 Miles
Roxbury Drive	.9 Miles
Kenmore Drive	.7 Miles
Keystone Drive	.7 Miles
Oleta Place	.1 Miles
Stillwater Way	.2 Miles
Regatta Circle	.7 Miles
Regatta Drive	.7 Miles
Mariana Drive	.6 Miles
Lockwood Terrace	.6 Miles
Bispham Road	1.2 Miles
Brueckner Drive	.1 Miles
Pine View Circle	1.0 miles
Pine Gardens Trail	.3 Miles
Cass Street	.7 Miles
Cass Circle	.7 Miles
Biltmore Way	.2 Miles
Biltmore Drive	1.4 Miles
Coventry Way	.3 Miles
Tuckerstown Drive	.7 Miles
Captiva Way	.2 Miles
Captiva Drive	.7 Miles
Fuller Street	.2 Miles
Mooring Lane	.1 Miles
Savage Road	.7 Miles
Lilac Place	.1 Miles
Mosby Place	.2 Miles
Kondla Place	.2 Miles
Rocketteller Avenue	.6 Miles
Queens Street	.1 Miles
Rowena Street	.4 Miles
Nelson Avenue	.6 Miles
Mayflower Street	.8 Miles
Terry Lane	.9 Miles
Linda Street	.2 Miles
Prairie Lane	.2 Miles
Anchor Way	.6 Miles
Safe Harbor Drive	.5 Miles
Antiqua Place	1.1 Miles
Curtiss Avenue	1.2 Miles
Hardee Drive	.6 Miles
Dickens Drive	.4 Miles

RESIDENTIAL SWEEPER - NORTH COUNTY 1998

GULFGATE - CONTINUED

Swanson Lane	.2 Miles
Biltmore Drive	1.1 Miles
Coventry Drive	.5 Miles
Aruba Lane	.2 Miles
Glades Way	.3 Miles
Silver King Way	.2 Miles
Seagate Avenue	.6 Miles
Seaspray Street	.4 Miles
Colonial Drive	1.2 Miles
Concord Street	.4 Miles
Valley Forge Street	.4 Miles
Mayflower Street	.4 Miles
White Sands Drive	.4 Miles
White Sands Terrace	.2 Miles
Clippership Way	.6 Miles
Bridgewater Lane	.2 Miles
Breakwater Circle	1.2 Miles
Post Road	1.2 Miles
Bounty Drive	.6 Miles
Blaine Way	.4 Miles
Cardwell Way	.6 Miles
Carlisle Place	.4 Miles
Couper Drive	.3 Miles
	36 Miles

OYSTER BAY

Brown Avenue	.3 Miles
Westbrook Drive	.7 Miles
Eastbrook Drive	1.0 Miles
Liberty Avenue	.1 Miles
	2.1 Miles

RIVERVIEW

Apache Street	.4 Miles
Lords Avenue	.2 Miles
River Pines Way	.1 Miles
	.7 Miles

SOUTH POINTE

South Pointe Drive	.4 Miles
Sandlewood	.1 Miles
	.5 Miles

VAMO

Peggy Lane	.4 Miles
Livingstone Street	.5 Miles
Dunmore Drive	.4 Miles
Bayonne Street	.4 Miles
Colleen Street	.4 Miles
Dunmore Way	.2 Miles
Marcia Street	.2 Miles
Joyce Street	.4 Miles
Marbeth Street	.1 Miles
	3.1 Miles

RESIDENTIAL SWEEPER - NORTH COUNTY 1998**OAKHURST**

Dunn Drive

.7 Miles**WOODPINE**

Woodpine Drive

.3 Miles

Woodpine Circle

.5 Miles

Woodpine Lane

.2 Miles

Woodpine Court

.2 Miles**1.2 Miles****PALMER SUBDIVISION**

Honore Avenue - North Ridge to Palmer Ranch Blv

1.0 Miles**TOTAL MILEAGE =****362.8**

**CANAL INVENTORY
AND
SCHEDULE**

B = EVERY TWO YEARS
C = EVERY THREE YEARS
Q = QUARTERLY
M = MONTHLY

CANAL INVENTORY

FILE: Sewerage and Sanitation Division

CANAL ID.	FROM	TO	CITY	ROW PROBLEMS	ACCESS PROBLEMS	EASEMENT PROBLEMS	ACCESS	ROW	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN ID	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION	PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
C3-1	32nd St	University Pkwy	X				X	X	X		6600	12000	1	25	2.79	7.46	7.69		7.69	PC	A		8.25	500	3.12.90	
C3-1.1	Riverside Dr	32nd St	X				X	X	X		95	304	1	25	0.16	0.32	30	0.41	0.31	MW	M	X	8.25			
C3-1.2	32nd St	Myrtle St	X				X	X	X		1290	1290	1	25	0.42	0.84	42	1.67	1.05	MW	M	X	8.25			
C3-1.3	34th St	34th St	X				X	X	X		264	264	1	25	0.15	0.30	30	0.36	0.36	PC	A		8.24			
C3-1.4	36th St	36th St	X				X	X	X		264	264	1	25	0.15	0.30	30	0.36	0.36	PC	A		8.24			
C3-1.5	38th St	38th St	X				X	X	X		132	132	1	25	0.07	0.15	15	0.15	0.15	PC	A		8.24			
C3-1.6	40th St	40th St	X				X	X	X		132	132	1	25	0.07	0.15	15	0.15	0.15	PC	A		8.24			
C3-1.7	42th St	42nd St	X				X	X	X		264	264	1	25	0.15	0.30	30	0.36	0.36	PC	A		8.24			
C3-1.8	44th St	44th St	X				X	X	X		264	264	1	25	0.15	0.30	30	0.36	0.36	PC	A		8.24			
C3-1.9	46th St	46th St	X				X	X	X		264	264	1	25	0.15	0.30	30	0.36	0.36	PC	A		8.24			
C3-1.10	48th St	48th St	X				X	X	X		264	264	1	25	0.15	0.30	30	0.36	0.36	PC	A		8.24			
C3-1.11	50th St	50th St	X				X	X	X		264	264	1	25	0.15	0.30	30	0.36	0.36	PC	A		8.24			
C3-1.12	52nd St	52nd St	X				X	X	X		264	264	1	25	0.15	0.30	30	0.36	0.36	PC	A		8.24			
C3-1.13	54th St	54th St	X				X	X	X		264	264	1	25	0.15	0.30	30	0.36	0.36	PC	A		8.24			
C3-1.14	56th St	56th St	X				X	X	X		264	264	1	25	0.15	0.30	30	0.36	0.36	PC	A		8.24			
C3-1.15	58th St	58th St	X				X	X	X		264	264	1	25	0.15	0.30	30	0.36	0.36	PC	A		8.24			
C3-1.16	Village Gardens Dr	52nd St	X				X	X	X		264	264	1	25	0.15	0.30	30	0.36	0.36	PC	A		8.24			
C3-1.17	52nd St	Dewar Rd	X				X	X	X		1055	1056	1	25	0.60	1.21	121	0.36	0.36	PC	A		8.23			
C3-2	Whitaker Bayou	Aspenway St	X		X		X	X			9700	10500	1	24.5	5.06	10.91	10.91	0.36	11.86	PC	A	X	8.30	800		
C3-2.1	Whitaker Bayou	Cocoon Rd	X		X		X	X			369	369	1	8	0.05	0.10	10	0.05	0.05	PC	A	X	8.30	800		
C3-2.1	Cocoon Rd	Central Ave	X				X	X	X		800	800	1	16	0.28	0.56	56	0.40	0.40	PC	A	X	8.30	800	3.17.90	
C3-2.3	Central Ave	Leen Ave	X				X	X	X		145	200	1	16	0.04	0.09	9	0.09	0.09	PC	A	X	8.30	800		
C3-2.4	22nd St	22nd St	X		X		X	X			115	264	1	8	0.02	0.05	5	0.05	0.05	MW	M	X	8.30	800		
C3-2.5	32nd St	32nd St	X		X		X	X			264	264	1	8	0.05	0.10	10	0.10	0.10	PC	A	X	8.30	800		
C3-2.6	34th St	34th St	X				X	X			528	528	1	16	0.19	0.38	38	0.38	0.38	MW	M	X	8.30	800		
C3-2.6	Gregory Ave	Washington Blvd	X				X	X	X		378	1320	1	16	0.13	0.27	27	0.38	0.65	MW	M	X	8.30	800		
C3-2.6-K	Washington Blvd	Leen Ave	X		X		X	X			370	2178	1	16	0.18	0.36	36	0.38	1.12	MW	M	X	8.28			
C3-2	Leen Ave	Mango Ave	X				X	X	X		500	500	1	16	0.11	0.44	44	0.38	0.38	MW	M	X	8.28			
C3-2.8-F	Mango Ave	17th St	X				X	X	X		210	210	1	16	0.08	0.16	16	0.16	0.16	MW	M	X	8.28			
C3-2	17th St	17th St	X				X	X	X		496	600	1	16	0.11	0.22	22	0.16	0.16	PC	A	X	8.29	800	3.17.90	
C3-2.1	15th St	12th St	X				X	X	X		650	650	1	16	0.23	0.47	47	0.40	0.87	PC	A	X	8.29	800	3.17.90	
C3-2.1.1	12th St	12th St	X				X	X	X		594	594	1	16	0.21	0.43	43	0.38	0.76	PC	A	X	8.29			
C3-2.1	11th St	11th St	X				X	X	X		615	615	1	16	0.26	0.52	52	0.43	0.95	PC	A	X	8.29	800	3.17.90	

* = SLOPE WIDTH FOR ONE SLOPE

PC = PERSON CREW

MW = MECHANICAL MOWING

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B = EVERY TWO YEARS
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CANAL INVENTORY

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CANAL I.D.	FROM	TO	CITY	R/W PROBLEMS	ACCESS	R/W	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN I.D.	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
C3-2H	10th St	Buier Ln.	N		X	X			209	209	1	18	0.08	0.16	30	0.13	0.29	H/C	A	X	S 34	3/01	3/17/99
C3-2H	Buier Ln	5th St	N		X	X			292	292	1	18	0.12	0.65	30	0.54	1.35	MW	M	X	S 34		
C3-2.15	8th St	Aspenway St	N		X	X			643	1120	1	4	0.04	0.05	14	0.20	0.25	MW	M	X	S 34		
C3-2.18	20th St	27th St	N		X	X			690	1120	1	7	0.09	0.19	35	0.45	0.67	MW	M	X	S 34		
C3-2.19	17th St	RNR Shade As. R/W	N		X	X			300	300	1	10	0.06	0.12			0.13	H/C	A	X	S 29	3/00	3/17/99
C3-2A	C3-2 Shade As. R/W	Euclid As	N		X	X			1350	1350	1	12.5	0.15	0.89			0.89	H/C	A	X	S 29	10/00	12/10/99
C3-2A	C3-2 Shade As. R/W	Euclid As	N		X	X			918	1200	1	8	0.17	0.44	28	0.59	0.93	MW	M	X	S 29		
C3-2B	East As. Side Of 17th St	East to Main Street	N		X	X			528	528	1	4	0.04	0.09			0.13	H/C	A	X	S 29	6/00	6/2/99
C3-2C	C3-2 11th St	Euclid As	N		X	X			1273	1273	1	10.5	0.11	0.81			0.67	H/C	A	X	S 29	10/00	10/20/99
C3-2C	C3-2 11th St	Euclid As	N		X	X			1273	1273	1	7	0.20	0.40	39	0.57	1.27	MW	M	X	S 29		
C3-2D	C3-2 Osprey As. R/W	17th St	N		X	X			1098	1098	1	12	0.19	0.60			0.60	H/C	A	X	S 30	10/00	10/20/99
C3-2D	C3-2 Osprey As. R/W	17th St	N		X	X			583	1098	1	12	0.16	0.29	25	0.33	0.62	MW	M	X	S 30		
C3-2D	18th St	17th St	N		X	X			260	1098	1	12	0.16	0.11	25	0.11	0.22	MW	M	X	S 30		
C3-2F	Central As	Coconut As	N		X	X			800	800	1	16	0.29	0.59			0.59	H/C	A	X	S 30	8/00	7/00/00
C3-2H	11th St	9th St - Shade As. R/W	N		X	X			1290	1290	1	18	0.17	1.06			1.06	H/C	A	X	S 29	8/00	6/17/99
C3-2I	RNR Shade As. R/W	12th St	N		X	X			920	920	1	10	0.11	0.42			0.42	H/C	A	X	S 29	8/00	6/17/99
C3-4	Central	Orange As	N		X	X	X		2000	2000	1	15.5	0.16	1.52			1.52	H/C	A	X	S 25	10/00	11/2/99
C3-4.1	Central	Central As	N		X	X	X		666	528	1	24	0.16	0.73	207	3.16	3.89	MW	M	X	S 25		
C3-4.2	Central As	Leonia As	N		X	X			411	411	1	20	0.15	0.37			0.17	MW	M	X	S 25		
C3-4.3	Leonia As	Leonia As	N		X	X	X		264	264	1	16.5	0.10	0.20			0.20	MW	M	X	S 25		
C3-4.4	Leonia As	Noble As	N		X	X	X		339	528	1	20	0.17	0.35	11	0.09	0.44	MW	M	X	S 25		
C3-4.5	Noble As	Orange As	N		X	X	X		142	241	1	20	0.16	0.13	11	0.03	0.16	MW	M	X	S 25		
C7-43	East of Ralma As	West of Royal Palm Av	N		X	X			2000	2000	1	10	0.46	0.92			0.92	H/C	A	X	S 2	6/00	7/20/99
C7-44	East of Old Bradenton Rd	East of Gary St. In Park	N		X	X	X		1500	1500	1	16	0.55	1.10			1.10	H/C	A	X	S 5	7/00	7/27/99
C9-15	West of Sassafras As	East of Bay Shore Rd	N		X	X			1500	1500	27	11	0.15	0.76			0.76	H/C	A	X	S 5	7/00	7/20/99
C10-18	42nd St	44th St. adj. to Ralma As	N		X	X	X		325	1000	1	9	0.07	0.14	34	0.26	0.19	MW	M	X	S 5		
C10-18	42nd St	44th St. adj. to Ralma As	N		X	X	X		330	330	1	10	0.07	0.15			0.15	H/C	A	X	S 5	9/00	4/23/99
C10-19	42nd St	Gary St	N		X	X			1100	1513	1	12	0.30	0.61	8	0.20	0.87	MW	M	X	S 5		
C10-19	C10-15	West of C10-19A	N		X	X			413		1	12	0.11	0.23	16	0.13	0.35	MW	M	X	S 5		
C10-19	Old Bradenton Rd. west	Gary St. adjacent to 42nd St	N		X	X			700	700	1	5	0.65	0.16			0.16	H/C	A	X	S 5	9/00	4/23/99
C10-19A	C10-19 N.W.	Gary St. East Side	N		X	X			305	305	1	12	0.09	0.17	22	0.15	0.32	MW	M	X	S 5		
C10-10	29th St. R/W of RNR	29th St. R/W of RNR	N		X	X			650	930	1	8	0.12	0.24	25	0.17	0.6	MW	M	X	S 25		
C10-10	Leonia As	29th St. To End Of Canal	N		X	X			700	700	1	8	0.12	0.25			0.25	H/C	A	X	S 25	9/00	6/23/99

* = SLOPE WIDTH FOR ONE SLOPE

H/C = PRISON CREW

MM = MECHANICAL

H/C = HAND CLEARING

MW = CONTRACT MOWING

GMC = COUNTY MOWING CREW

SM = S

C

B = EVERY TWO YEARS
C = EVERY THREE YEARS
Q = QUARTERLY
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CANAL INVENTORY

CANAL ID	FROM	TO	CITY	ROW PROBLEMS	ACCESS PROBLEMS	EASMT PROBLEMS	ACRES	ROW	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN ID	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
C18-10	SW corner of 15th St	West to the RKR N. Side	X								733	733	1	10	0.13	0.34	17	0.29	0.62	MW	M	X	S 30		
C18-11	15th St - Orange Av	Gillespie Av. N. side of 15th	X								1870	2340	1	8	0.21	0.43	3	0.13	0.56	MW	M	X	S 30		
C18-12	15th St - Orange Av	E. to Gillespie Av. No. of 18th	X								1870	1870	1	5	0.21	0.42	3	0.12	0.54	MW	M	X	S 30		
C22-12	15th St - N. Tamiami Tr.	Ground Rail to tree line	X								89	850	2	10	0.03	0.04	21	0.04	0.08	MW	M	X	S 31		
C26-13	Brink Av	4th St	X								1048	3004	4	5	0.12	0.24	21	0.50	0.74	MW	M	X	S 36		
C26-13	Brink Av	4th St West	X								634		4	4	0.06	0.12	15	0.26	0.38	MW	M	X	S 36		
C26-13	Dodge Av	6th St	X								1187		4	6	0.16	0.33	16	0.44	0.56	MW	M	X	S 36		
C26-13	Brink Av	8th St	X								445		4	18	0.18	0.37	56	0.57	0.91	MW	M	X	S 36		
C31-15	Lemon Av - 10th St	Orange Av - 10th St	X								579	1200	2	8	0.09	0.18	19	0.22	0.40	MW	M	X	S 32		
C31-15	Goodrich Av. N. of 10th	NW side of Goodrich Av	X								230		2	10	0.05	0.40	25	0.4	0.24	MW	M	X	S 31		
C31-15	N.E. corner Orange Av	East to parking lot South side	X								311		2	8	0.06	0.21	37	0.22	0.32	MW	M	X	S 31		
C32-15	Goodrich Av. N. of 10th	East to NW corner of 10th	X								1700	4000	2	20	0.78	1.56	21	0.82	2.38	MW	M	X	S 31		
C32-15	N.E. corner 10th St	N.W. corner East Av - 10th	X								320		2	20	0.35	0.75	20	0.75	1.13	MW	M	X	S 31		
C32-15	East Av - RKR	S.W. to 5th St	X								1396		2	6	0.19	0.38	16	0.51	0.96	MW	M	X	S 34		
C33-15	Stich Out On 8th St	S. E. to the N.E. in open field	X								1396	1396	1	6	0.19	0.38	16	0.51	0.96	MW	M	X	S 34		
C33-15	301 North of 10th St	East to curve in RKR	X								2320	2320	1	6	0.31	0.61			0.61	HC	A	X	S 34	9/30	4/23/99
C33-15A	East side of RKR in 8th	North to cross over pipe	X								100	100	1	6	0.02	0.01	28	0.06	0.06	MW	M	X	S 34		
C41-16	Ganey Av - Alderman	Lafayette Pl. in N. of Alderman	X								793	1000	3	12	0.22	0.44	5	0.09	0.54	MW	M	X	S 33		
C41-16	Osprey Av	Lafayette Court	X								800	300	3	12	0.22	0.44			0.44	HC	A	X	S 33	9/30	4/23/99
C41-17	N.W. corner of Rawls	North side of Alderman	X								558	558	3	13	0.13	0.54	17	0.22	0.56	MW	M	X	S 33		
C42-11	School Av	Crava pipe N. side - Mubole Pl	X								680	680	3	7	0.11	0.22	70	1.09	1.31	MW	M	X	S 42		
C42-11	Shade Av and RKR	North of Novus St	X								700	700	3	9	0.14	0.29	10	1.29	1.57	MW	M	X	S 42		
C43-12	Shade Av	Pelican Av	X								900	900	1	10	0.21	0.41		0.00	0.41	MW	M	X	S 42		
C43-12	Shade Av East	West Shade Av	X								2500	2500	3	10	0.28	0.57			0.55	HC	A	X	S 42	9/00	
C64-10	Old Oak Dr. (Private)	Sarasota Bay (Removed)	X								630	630	27	7.5	0.11	0.22			0.22						
CR4-1	RKR on Myrtle So. side	East to 1st	X								2730	2730	1	18	1.13	3.76	19	1.19	4.45	MW	M	X	S 25		
CR4-1	1st - Coconut Av	East to 3rd North side of 4th	X								702	702	1	4	0.01	0.02			0.02	MW	M	X	S 24		
CR3-3	N.E. corner of 4th	East to 3rd So. side of 4th	X								130	130	1	5	0.01	0.03	26	0.07	0.10	MW	M	X	S 24		
CR3-4	39th - Coconut	East to 3rd So. side of 39th	X								132	132	1	6	0.07	0.04			0.04	MW	M	X	S 24		
CR3-5	39th - Coconut	East to 1st N. side of 39th	X								83	83	1	5	0.01	0.07	5	0.01	0.01	MW	M	X	S 24		
CR3-6	38th - Coconut	East to No. side of 39th	X								305	305	1	3	0.07	0.04	1	0.07	0.06	MW	M	X	S 24		
CR3-7	South side of 39th	East to house address 1380	X								174	174	1	4	0.02	0.01	4	0.02	0.03	MW	M	X	S 24		

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CMC = COUNTY MOWING CREW

SW = E

B = EVERY TWO YEARS
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Q = QUARTERLY
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CANAL INVENTORY

CANAL I.D.	FROM	TO	CITY	ROW PROBLEMS	ACCESS PROBLEMS	EASEMENT PROBLEMS	ACCESS	ROW	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN I.D.	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
CR3-8	David St. S. of Mecca	East of David to Dead End	X				X	X			250	250	1	0.00			12	0.02	0.02	MW	M	X	52		
CR3-13	Clark Dr. 12nd St.	East to Lemon 12nd St. side	X				X	X			250	250	1	0.02	0.04		7	0.04	0.08	MW	M	X	525		
CR5-14	5th Lucile R.O.W.	S.W. corner Lucile 8th St	X				X	X			626	626	1	0.09	0.17		18	0.26	0.43	MW	M	X	534		
CR15-9	East Ave. Cornell	East to Eastern Court	X				X	X			388	388	1	0.05	0.11		9	0.09	0.19	MW	M	X	529		
CR15-16	Watson Ave. 17th St	West side of Watson Ave	X				X	X			586	586	1	0.04	0.08		3	0.04	0.12	MW	M	X	524		
CR15-11	Princeton Waterloo	South to N.W. corner	X				X	X			278	278	1	0.03	0.06		5	0.11	0.18	MW	M	X	520		
CR15-12	Brink and Novus	Lockwood Ridge and Novus	X				X	X			800	800	4	0.09	0.18		22	0.50	0.59	MW	M	X	540		
CR15-15	Dodge St. to 4th Ave	East side of Dodge Ave.	X				X	X			190	190	4	0.04	0.08		10	0.02	0.15	MW	M	X	536		
CR15-16	Tarpon Ave. 17th St	West to Mackerel 12th St.	X				X	X			429	429	4	0.06	0.12		5	0.05	0.17	MW	M	X	527		
CR15-18	N.E. corner of Wood St	Dead End of Lockwood Ridge	X				X	X			2063	2063	4	0.25	0.53		7	0.33	0.59	MW	M	X	540		
CR15-19	Goodrich Ave. 17th St	Goodrich Ave. 17th St. R.O.W.	X				X	X			290	290	1	0.05	0.09		21	0.14	0.21	MW	M	X	530		
CR15-20	Gallup Ave. 17th St.	Opkey Ave. corner 17th St	X				X	X			477	477	1	0.13	0.26		31	0.36	0.62	MW	M	X	530		
CR15-21	20th St. and East Ave	South to 19th St. East Ave	X				X				208	208	1	0.04	0.08				0.08	MW	M	X	528		
CR15-22	10th St. and Time Ave	Lewis Ave. and 10th St. side	X				X	X			1252	1252	1	0.14	0.29				0.29	MW	M	X	529		
CR15-23	Lucile Ave. and 10th St	N. side of 10th by tennis ct	X				X	X			384	384	1	0.06	0.12				0.12	MW	M	X	534		
CR15-24	Jefferson Ave. and 8th	Lucile Ave. and 8th St. corner	X				X	X			622	622	4	0.17	0.34		19	0.27	0.61	MW	M	X	534		
CR15-25	Louise St. and Brink Ave	So on Brink Ave. End of ditch	X				X	X			770	770	4	0.07	0.14		5	0.09	0.24	MW	M	X	537		
CR15-26	N.W. corner Brink Novus	So on N.E. Novus/Brink	X				X	X			70	70	4	0.01	0.02		21	0.03	0.05	MW	M	X	540		
CR15-27	Lockwood Ridge Bay St	S. of dead end Lockwood Ridge	X				X	X			1966	1966	4	0.45	0.70		6	0.26	0.96	MW	M	X	540		
CR15-27	Tallywood Dr. on 12th	East to N.E. corner 12th St	X				X	X			451	451	4	0.05	0.10		8	0.09	0.18	MW	M	X	527		
3-5	Central Ave	47th St	X	X	X						28480	21800	1	0.5	14.55		29.70		29.70	HC	A	X	524	10/01	2-10/00
3-5.6	Central Ave	Central Ave.	X		X		X	X			450	450	1	0.19	0.39				0.39				524		
3-5.7	Washington Blvd	Middle Ave.					X	X			150	150	1	0.04	0.08				0.08				521		
3-5.8	Middle Ave.	Carmichael Ave					X	X			109	109	1	0.03	0.06				0.06				23		
3-5.9	Carmichael Ave.	Seward Dr					X	X			2560	2500	1	0.08	1.37		14	0.30	2.17	CMD	Q		23		
3-5.10	Seward Dr.	Myrtle St. Ex					X	X			2317	2312	1	0.03	1.27		14	0.34	2.01	CMD	Q		27		
3-5.11	Myrtle St. Ex	Tamle Ave					X	X			2112	2112	1	0.55	1.06		14	0.67	1.53	CMD	Q		28		
3-5.12	Tamle Ave.	3-11					X	X			1559	1550	1	0.02	0.65				0.65	CMD	Q		31		
3-5.13	3-11	Almon Ave					X	X			1400	2112	1	0.55	0.77		12	0.38	1.15	CMD	Q		29		
3-5.14	47th St	47th St			X		X				291	228	1	0.05	0.11		12	0.05	0.16	CMD	Q		29		
3-5.15	47th St	Traylor Ave.					X	X			528	528	4	0.09	0.19				0.19				29		
3-5A	RNR	ASH					X		X		2450	2450	1	0.95	1.91				1.91	PC	A		21		

* = SLOPE WIDTH FOR ONE SLOPE
RCD = REASON DRAIN
MM = MENS MOWING
HC = HAND CLEARING
MW = CONTRACT MOWING
CMD = COMMUNITY MOWING CREW
SM = SLOPE MOWING

B = EVERY TWO YEARS
C = EVERY THREE YEARS
Q = QUARTERLY
M = MONTHLY

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CANAL INVENTORY

CANAL I.D.	FROM	TO	CITY	ROW PROBLEMS	ACCESS PROBLEMS	EASMENT PROBLEMS	ACCESS	R/W	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN I.D.	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
3-5A.1	BKR	47th St					X	X			1090	1175	1	17	0.41	0.63	10	0.24	1.07	CAB	Q		21		
3-5A.2	47th St	3-5					X	X			700	700	1	17	0.27	0.54			0.84	P.C.	A		21		
3-5A.3	3-5	3-5B					X	X			400	400	1	17	0.15	0.31			0.31	P.C.	A		21		
3-5B	3-5A	Desoto Rd		X	X	X					3400	3400	1	50	1.78	1.94			1.56	P.C.	A		21		
3-5C	Desoto Rd	University Pkwy						X			2356	2456	1	10	0.29	0.55			0.55	P.C.	B		22		
3-5C.1	Desoto Rd	99th St						X			1500	1500	1	10	0.17	0.14			0.14	P.C.	B		22		
3-5C.2	54th St	University Pkwy						X			1056	1056	1	10	0.12	0.24			0.24	P.C.	B		22		
3-5D	3-5B	Shade Av		X	X						1000	1000	1	17	0.13	0.27			0.40	H.C.	A	X	23	5/00	5/3/99
3-5E	3-5	Shade Av					X		X		1675	1675	1	12.5	0.48	0.96			0.96	H.C.	A	X	23	5/00	5/3/99
3-5F	3-5D	Industrial Bv.					X		X		200	200	1	9	0.04	0.08			0.08	H.C.	A	X	23	5/00	5/3/99
3-5G	3-5C	Desoto Rd					X				1279	1279	1	10	0.20	0.40			0.60	P.C.	B		22		
3-5G.1	3-5C	Middle Av					X				65	65	1	10	0.01	0.01			0.02	P.C.	B		22		
3-5G.2	Middle Av	61st St					X				130	130	1	10	0.01	0.02			0.03	P.C.	B		22		
3-5G.3	61st St	50th St					X				647	647	1	10	0.07	0.14			0.21	P.C.	B		22		
3-5G.4	99th St	57th St					X				642	642	1	10	0.07	0.14			0.21	P.C.	B		22		
3-5G.5	57th St	Desoto Rd					X				800	800	1	10	0.03	0.06			0.09	P.C.	B		22		
3-6	47th St	54th St		X	X						2400	2400	4	13.5	0.74	1.49			1.49	H.C.	A	X	21	10/00	11/2/99
3-7	3-5 Independence Ct	Lockwood Meadows Dr					X		X		11980	11980	1	23.5	6.41	12.82			12.82	H.C.	A	X	24	3/00	
3-7	3-5 Independence Ct	Independence Bv.					X	X			2000		1	17	0.75	1.56	29	0.92	2.48	C.M.C.	Q		S 24		
3-7	Independence Bv	Myrtle Av					X	X	X		696		1	23.5	0.71	0.63			0.65	C.M.C.	Q		S 24		
3-7	Carmichael Av	27th St					X	X			1500		1	13	0.45	0.90	24	0.53	1.72	C.M.C.	Q		S 25A		
3-7	27th St	Lockwood Cir.					X	X	X		580		1	12	1.05	2.14	24	1.97	4.11	C.M.C.	Q		S 25		
3-7	Leonard Road Av.	27th St			X			X	X		2112		1	13	0.31	0.63	24	1.16	2.10	C.M.C.	Q		S 25		
3-7	Myrtle St	South Washington Bv	X				X	X	X		506	800	1	13	0.73	0.47			0.47	MW	M	X	S 25		
3-7B	3-5	Behind 1731 Independence Bv.					X		X		2256	2256	1	20	0.28	0.56			1.59	H.C.	A	X	S 24	12/00	1/22/00
3-8	Ducl Av.	Leisure Pl					X	X			1200	1200	1	12	0.33	0.66			0.66	H.C.	A	X	41	10/00	11/1/99
3-9	3-7	3-10					X		X		1200	1200	1	10	0.52	1.05			1.05	H.C.	A	X	S 25A	10/00	11/1/99
3-9	3-7	3-10					X	X	X		145		1	11	0.29	0.59	25	0.67	1.26	C.M.C.	Q		S 25A		
3-10	Myrtle St. Ext	27th St		X	X						2000	2000	1	21	0.96	1.93			1.93	H.C.	A	X	S 25A	11/00	11/5/99
3-10	3-5A Myrtle St. Ext	27th St					X	X			1900		1	14	0.63	1.26	21	0.93	2.71	C.M.C.	Q		S 25A		
3-10A	3-10 Myrtle St. Ext	Carmichael Av.					X	X			1537	1537	1	14	0.55	1.09			1.09	H.C.	A		S 25A	11/00	11/5/99
3-10A	3-10 Myrtle St. Ext	Carmichael Av.					X	X			1537		1	11	0.39	0.78	28	0.59	1.26	C.M.C.	Q		S 25A		

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P.C. = PRISON CREW
M.M. = MECHANICAL
H.C. = HAND CLEARING
MW = CONTRACT MOWING
C.M.C. = COUNTY MOWING CREW
S.M. = S

B = EVERY TWO YEARS
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Q = QUARTERLY
M = MONTHLY

CANAL INVENTORY

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CANAL I.D.	FROM	TO	CITY	ROW PROBLEMS ACCESS PROBLEMS EASMT PROBLEMS	ACCESS	ROW	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN I.D	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE	
3-11	3-5 Wind Mill Village	Lockwood Ridge Rd			X	X			2000	2000	1	12.5	0.53	1.61			1.61	H/C	A	X	30	11-00	11-10-99	
3-11	3-5 Wind Mill Village	Lockwood Ridge Rd							2000		1	8	0.37	0.73	20	0.92	1.67	CMC	Q		30			
C3-12	Ramblewood Dr	Lockwood Ridge Rd	X		X		X		2000	2000	4	37.5	1.32	5.44			5.44	M/M	C		5-36			
C3-13	Lake Ridge	17th St - DMN Track			X		X		1200	1200	4	24.5	0.67	1.35			1.35	H/C	A	X	5-27	11-60	11-10-99	
3-14	17th St - Cicero Bv	4-15 Sacramento St			X	X			14520	14520	4	35	11.67	23.34			23.34	H/C	A	X	5-26	11-60	11-30-99	
3-14B	17th St	S. Del Sol Hs		X			X		1400	1400	4	18	0.55	1.10			1.10	H/C	A	X	47	11-90	2-8-00	
3-15	3-14 Sacramento St	University Pkwy			X		X		4900	4900	4	18	1.65	3.31			3.31	H/C	A	X	16	11-00	11-16-99	
3-16	3-14 Cicero Bv	University Pkwy			X		X		16480	16480	4	11	13.15	26.30			26.30	H/C	A	X	5-20	12-00	1-4-00	
C3-16	17th St	4-14 Cicero Bv	X		X	X	X		1055	1055	4	5	0.41	0.82			0.82	H/C	A	X	41	12-00	12-15-99	
3-17	3-16 Schubert Dr	17th St			X	X			1910	1910	4	25	1.23	2.46			2.46	H/C	A	X	41	10-00	12-30-99	
C3-17	17th St	17th St Lockwood Ridge Rd	X		X		X		1675	1675	4	16	0.40	0.80	15	0.32	1.17	H/C	A	X	5-27	10-00	12-30-99	
C3-18	12th St	3-17 Geneva Rd	X		X		X		1090	1090	4	16	0.47	0.73			0.73	H/C	A	X	5-17	10-00	12-6-99	
3-19	17th St - Andra Pl	Monica Pkwy			X		X		700	700	4	21.5	0.35	0.69			0.69	H/C	A	X	42	12-00	12-6-99	
3-19A	17th St Lockwood Ridge	Claude Ln			X		X		400	400	4	8	0.63	0.63			0.63	P/C	A		42	1-90	5-2-99	
3-20	3-16 Monica Pkwy	Dudley St Behind House			X		X		1500	1500	4	24	0.53	1.65			1.65	H/C	A	X	41	2-00		
3-21	3-20 Monica Pkwy	Randa Bv.			X	X			2300	2300	4	14.5	0.77	1.51			1.51	H/C	A	X	42	12-00	12-6-99	
3-21	3-20 Monica Pkwy	Randa Bv.							2200		4	8	0.40	0.81	15	0.76	1.57	CMC	Q		42			
3-22	3-16 Lee Rd	Cicero Rd			X		X		3200	3200	4	11	0.81	1.62			1.62	H/C	A	X	41	12-00	12-8-99	
3-22	Cicero Rd ext	27th Pkwy							600		4	6	0.08	0.17	15	0.15	0.31	CMC	Q		41			
3-22	27th Pkwy	17th St							2400		4	6	0.26	0.72	15	0.76	1.49	CMC	Q		41			
3-23	3-16 Prudence Dr	Paradise Pl			X		X		2900	2900	4	16	0.92	1.84			1.84	H/C	A	X	32	4-00		
3-24	3-16 Prudence Dr	Alamo Rd			X		X		2900	2900	4	25.5	0.94	1.88			1.88	H/C	A	X	30	10-00	12-10-99	
3-24	3-16 Prudence Dr	Alamo Rd							2000		4	15	0.60	1.19	25	1.15	2.34	CMC	Q		40			
3-25	3-16 Hidden Forest Dr	Geneva Rd	X				X		2300	2300	4	21	1.01	2.02			2.02	H/C	A	X	31	12-00	12-14-99	
3-25	3-16 ..	Hidden Forest Wy							405		4	12	0.14	0.26	15	0.25	0.50	CMC	Q		31			
3-26	3-16 PRIVATE	Miss Rd Private		X	X				1000	1200	4	21	0.53	1.06			1.06				19			
3-26	3-16 Private	Mink Rd							1200		4	13	0.36	0.72	26	0.72	1.45	CMC	Q		19			
3-27	4th St - Sunday Ct	4-16 L 3-11			X	X			4550	4550	4	18.5	2.66	5.12			5.12	H/C	A	X	21	1-01	1-12-00	
3-27	4-16 San Juan Av	Desoto Rd							650		4	10	0.15	0.30	24	0.50	0.66	CMC	Q		21			
3-28	Lockwood Ridge Rd	3-26 Desoto Rd			X		X		2100	2100	4	17.5	0.85	1.69			1.69	H/C	A	X	21	1-01	1-12-00	
3-28	Desoto Rd	3-16 Desoto Rd							1600		4	11	0.40	0.81	15	0.48	1.29	CMC	Q		21			
3-29	17th St - Cicero Bv	3-14 Longheadrow Dr		X	X				2200	2200	4	14	0.71	1.41			1.41	H/C	A	X	39	1-01	1-18-00	

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H/C = HAND CLEARING
MW = CONTRACT MOWING
CMC = COUNTY MOWING CREW
SM = 5

B = EVERY TWO YEARS
C = EVERY THREE YEARS
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1:use tabular data to plot the map below

CANAL INVENTORY

CANAL I.D.	FROM	TO	CITY	ROW PROBLEMS	ACCESS PROBLEMS	EASEMENT PROBLEMS	ACCESS	ROW	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN I.D.	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T&W WIDTH (FT)	T&W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
3-30	Hammock Pl.	3-14					X		X		1500	1500	4	12.5	0.47	0.75			0.75	M/M	C		41		
3-31	3-14	Highland Bridge Rd					X	X			2700	2700	4	20.5	1.21	2.54			2.54	H/C	A	X	41	1/01	1/29/00
3-32	Longmeadow Dr	Heatherbush					X		X		4200	4200	4	20	1.51	3.86			3.86	H/C	A	X	39	5/00	7/9/99
3-33	Longmeadow Dr	Taylors Dell					X	X			2600	2600	4	14	0.84	1.67			1.67	H/C	A	X	34	8/00	7/2/99
3-34	3-14 - H44 Rd Dr	1-3-12					X	X			5280	5280	4	20.5	2.48	4.97			4.97	H/C	A	X	33	1/04	1/27/00
3-35	1-3-12	Desire Rd					X	X			2500	2500	4	23	1.37	2.64			2.64	H/C	A	X	19	1/01	1/31/00
3-35A	Ravenwood Wy	Ravenwood Ct					X		X		400	400	4	8	0.07	0.15			0.15	H/C	A	X	18	2/01	2/3/00
3-35B	Ravenwood Dr	1-3-4					X		X		600	600	4	12	0.15	0.30			0.30	H/C	A	X	18	2/01	2/3/00
3-35C	Ravenwood Dr	1-3-4					X		X		700	700	4	6.5	0.04	0.09			0.09	H/C	A	X	18	2/01	2/3/00
3-36	3-34	Highland Oak Dr					X	X			1000	1000	4	20.5	1.41	2.82			2.82	M/M	C		31		
3-36	Golf Cart Path	Golf Cart Path					X	X			325	325	4	10	0.03	0.07			0.07	H/C	A	X	31	1/00	
3-37	3-11 - Bobby Jones	Golf Club Rd					X	X			3700	3700	4	24.5	2.08	4.16			4.16	H/C	A	X	40	10/00	12/6/99
3-37	3-37A	Golf Club Rd									1250		4	14	0.37	0.75	24	0.60	1.45	C/M	Q		40		
3-37A	3-37	Miss Softball Field					X	X			1800	1800	4	31	1.28	2.56			2.56	H/C	A	X	40	10/00	12/23/99
3-37A	3-37	Miss Softball Field									1300		4	15	0.15	0.30	21	0.69	1.58	C/M	Q		40		
3-38	Golf Club Rd	Gensington Hs					X		X		2000	2000	4	24.5	1.12	2.25			2.25	H/C	A	X	40	2/01	2/9/00
3-38	Golf Club Rd	3-39									1401		4	12	0.47	0.94	19	0.61	1.45	C/M	Q		40		
3-39	3-38	17th St					X	X			1300	1300	4	21	0.63	1.25			1.25	H/C	A	X	40	2/01	2/11/00
3-41	3-37	1-41A					X		X		1400	1400	4	14.5	1.11	2.22			2.22	H/C	A	X	44	2/00	3/17/99
3-41	3-37	3-41A									1275		4	15	0.44	0.88	16	0.47	1.35	C/M	Q		44		
3-41A	3-41 - Bobby Jones	17th St					X		X		1200	1200	4	26.5	0.71	1.46			1.46	H/C	A	X	44	2/00	3/12/99
3-42	University Pl.	3-75		X			X				10500	10500	26	15.5	3.36	7.52			7.52	M/M	C		14		
3-43	Honore Ave.	3-42 - Desoro Rd		X			X				1500	1500	26	11	0.18	0.76			0.76	M/M	D		15		
3-44	Richardson Rd.	17th St					X	X			2650	2650	4	19	1.26	2.31			2.31	H/C	A	X	37	11/00	11/17/99
3-44	3-12 - Cheyenne Ln	4-74 - Geneva Rd		X			X	X	X		4800	4800	4	29	5.20	6.39			6.39	H/C	A	X	37	1/01	2/22/00
C4-14	Phillippi Ct/Gerhardt St	3-14 - Catlandra Dr					X	X	X		11500	11500	4	26.5	9.22	18.43			18.43	H/C	A	X	64	1/00	
C4-14A	4-74 - Circus Hs	Brezenson Dr		X			X		X		7500	7500	4	25	0.90	1.79			1.79	H/C	A	X	52	11/00	12/13/99
C4-14B	South of Frontville Rd	Car Wash		X			X	X	X		900	900	4	15	0.51	1.03			1.54	M/M	M	X	51		
C4-36	Bobby Jones Rd	Frontville Rd		X			X	X			1050	1050	4	4	0.09	0.19			0.19				52		
C4-37	Phillippi Ct	Frontville Rd					X		X		5505	5505	4	25.5	5.56	7.60			7.60	H/C	A	X	52	11/00	12/23/99
4-40	17th St	Richardson Rd					X	X			800	800	4	17.5	0.32	0.64			0.64	H/C	A	X	44	11/00	12/13/99
4-44	Frontville Rd	Richardson Rd					X		X		2400	2400	4	19	1.03	2.09			2.09	H/C	A	X	46	11/00	12/7/99
4-45	Brown Rd - Deleted	Richardson Rd - No Clearance					X	X			1000	1000	4	23.5	1.76	3.51			3.51				47		

* = SLOPE WIDTH FOR ONE SLOPE
P/C = PAVEMENT CROWN
M/M = MANTZ MOWING
H/C = HAND CLEARING
M/W = CONTRACT MOWING
C/M = COMMUNITY MOWING CREW
SM = S

D = EVERY TWO YEARS
 G = EVERY THREE YEARS
 Q = QUARTERLY
 M = MONTHLY

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CANAL INVENTORY

CANAL I.D.	FROM	TO	CITY	R/W PROBLEMS	ACCESS PROBLEMS	EASEMENT	NON-MAINTAINED	WORKLENGTH (FT)	TOTAL LENGTH (FT)	BASIN I.D.	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE	
4-45A	Deer Hollow Ln. E	Field						1000	4	22	0.51	1.01				1.01	P/C	R		41			
4-46	1-75 - Brown Rd.	Honore Ave. - Evansville Rd.		X	X			7600	7600	4	35	5.17	12.34			12.34	H/C	A	X	46	12-90	2-15-00	
4-46	6-119 - Auburn Rd.	1-75						4180	4	20	1.92	3.84	29	2.78		6.62	C/MC	Q		215			
4-46	1-75 - Brown Rd.	4-44 - Evansville Rd.						1500	4	20	1.51	3.01	25	2.30		5.22	C/MC	Q		46			
4-47	4-48 - Monroe Ave.	Richardson Rd.		X	X			2400	2400	4	20	1.10	2.20			2.20	H/C	A	X	46	12-01	1-25-00	
4-48	1-47 - Honore Ave.	Howell Pl.		X	X			1000	1000	4	24	1.55	3.11			3.11	H/C	A	X	44	12-01	1-24-00	
4-48	Howell Pl.	Heule Ave.						700	4	10	0.16	0.32	26	0.42		0.34	C/MC	Q		44			
4-48	Heule Ave.	Richardson Rd.						700	4	10	0.16	0.32	12	0.19		0.57	C/MC	Q		44			
4-48	Richardson Rd.	4-47 - Honore Ave.						1450	4	15	0.50	1.00	29	0.97		1.96	C/MC	Q		44			
4-49	Palmer Hs.	4-119 - West Sawgrass Rd.		X	X			1900	1900	4	20	0.87	1.74			1.74	H/C	A	X	48	12-00	2-23-00	
4-49	Palmer Hs.	4-119 - West Sawgrass Rd.						1900	4	12	0.37	1.13	12	0.52		1.66	C/MC	Q		48			
4-50	4-45 W. Sawgrass Rd.	Casati Wy.		X	X			1600	1600	4	14	0.51	1.02			1.01	H/C	A	X	47	1-01	2-18-00	
4-50	4-49 W. Sawgrass Rd.	Casati Wy.						1600	4	10	0.37	0.73	22	0.81		1.54	C/MC	Q		47			
C4-51	4-52 Euclid Av. R/W	Narasim H.S.	X	X	X			5500	10500	1-3	30	5.87	11.73			11.73	H/C	X	X	S-42	8-00		
C4-52	5-2 Shade Av. R/W	4-51 - Euclid Av. R/W	X	X	X			3000	3000	1	21.5	1.92	3.83			3.83	H/C	A	X	S-34	1-00	2-24-99	
C4-53	4-51 - RNR	Tuttle Av. - RNR	X	X	X			1270	1270	3	24.5	0.68	1.36			1.36	H/C	A	X	S-42	8-00	3-29-99	
C4-54	Tuttle Av. - RNR	Reedley, Hs.	X	X	X			3200	3200	3	16.5	1.21	2.42			2.42	H/C	A	X	S-37	1-00	3-12-99	
C4-56	Bahia Vista St.	Euclid Av.	X	X	X			4500	4500	3	23	2.18	4.35			4.35	H/C	A	X	S-43	5-00	12-13-99	
C4-57	Hyde Park St.	Lanham St.	X	X	X			1700	1700	3	16	0.44	0.88			0.88	H/C	A	X	S-43	5-00	12-13-99	
C4-58	Bahia Vista St.	C4-54 - Phillippi Ck.	X					1115	15200	1	22	0.56	1.13	54	2.14		3.29	MW	M	X	S-41	4-99	8-1-99
4-58	RNR - Honora Rd.	4-57 - Phillippi Ck.						1000	4	13	0.70	0.60	19	0.27		0.96	C/MC	Q		5-39			
4-62	4-63 - Webber St.	Phillippi Ck. - Tanglewood Dr.		X	X			6600	6600	4	35.5	5.08	10.76			10.76	H/C	A	X	64	5-00	5-5-99	
4-62	4-63 - Webber St.	End of Fence		X	X			400	4	10	0.09	0.18	20	0.19		0.37	C/MC	Q		67			
4-62	Rose St.	Tanglewood Dr.		X	X			2950	4	13	0.88	1.76	17	1.15		2.91	C/MC	Q		59			
4-62A	Village Green Dr.	4-62		X	X			700	700	4	22.5	0.16	0.72			0.72	H/C	A	X	59	1-00	2-24-99	
4-62B	Village Village Dr.	500' West to Pond		X	X			2700	2700	4	18	1.12	2.23			2.23	H/C	A		59	11-00	12-23-99	
4-62D	Summersville Dr.	Ree Ridge Rd.		X	X			2400	2400	4	17	0.94	1.87			1.87	H/C	A	X	63	5-00	5-5-99	
4-63	Forest Lakes Dr. N	Webber St.		X	X			1800	3500	4	10	0.41	0.83			0.83	H/C	A	X	61	10-99	11-25-98	
4-64	Webber St.	Hibiscus St.		X	X			1500	1500	4	15.5	0.55	1.10			1.10	H/C	A	X	60	6-00	7-10-99	
4-66	Phillippi Ck. - Broad Av.	South Tanglewood Trail		X	X	X		6600	6600	4	19	2.89	5.76			5.76	H/C	A	X	58	11-5-2000	10-13-00	
C4-67	4-66 - Grove St.	Siena Dr.	X	X	X	X		1400	1400	4				62	2.12		MW	M	X	58			
C4-68	4-66 - Grove St.	Datura St.		X	X			1500	1500	4	17	0.59	1.17			1.17	H/C	A	X	56	5-00	12-20-99	
4-70	Phillippi Ck. - Tanglewood	Epasola Av.						1855	4	20	0.84	1.69	14	0.59		2.27	C/MC	Q		58			

* = SLOPE WIDTH FOR ONE SLOPE
 P/C = PRISON CREW
 MW = MENS/MOWING
 H/C = HAND C/FARING
 MW = CONTRACT MOWING
 CMC = COUNTY MOWING CREW
 SM = S

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CANAL INVENTORY

Phase 1: Survey of all open ditch systems in the city

CANAL I.D.	FROM	TO	CITY	ROW PROBLEMS	ACCESS PROBLEMS	EASMT PROBLEMS	ACCESS	ROW	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN I.D.	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
4-70	Esplanade Av	Phillippi Ct - Tanglemood					X	X			1835	4	20	0.89	1.69				1.69	H.C.	A	X	58	10-90	12-23-99
4-73	Tanglemood Dr	In Golf Course					X	X			1200	1200	4	21	0.85	1.71			1.71	SALPC	C		59		
4-74	Turtle Av	Phillippi Ct					X	X			2000	2000	4	2	0.55	1.10	6	0.28	1.38	CMC	Q		55		
4-74	Turtle Av	Phillippi Ct					X	X			2000	4	15.5	0.71	1.42				1.42	H.C.	A	X	55	11-90	1-7-99
4-74A	4-74 Thede Park St.	Hawthorne St					X	X			1975	1975	4	14.5	0.66	1.31			1.31	P.C.	B		55		
4-75	Phillippi Ct Tanglemood	Brookhaven Dr Golf Course					X	X			3000	3000	4	12.5	1.21	2.41			2.41	P.C.	B		54	12-95	12-9-97
4-75	Brookhaven Dr	Waters Plant									1125	4	10	0.70	0.52		5	0.21	0.72	CMC	Q		55		
4-78	Laguna Av	Phillippi Ct		X			X				7800	7800	4	23	0.12	0.74			0.74	H.C.	A	X	51	1-90	3-12-99
4-82	4-78 Stuebgen La	Bahia Vista St.					X	X			325	325	4	6	0.04	0.08			0.08	H.C.	A	X	51	2-90	
4-83	4-78 Hines Av	Phillippi Ct - Pincenall Park					X	X			1000	1000	4	23.5	0.54	1.08			1.08	P.C.	B		55		
4-84	Phillippi Ct	Patterson Av	X				X	X			2500	2500	4	27	1.55	1.10			2.65	H.C.	A	X	55	8-90	1-29-99
4-85	4-14 RRR	Fruitville Rd.	X				X	X			4350	4350	4	28	1.70	2.59			2.59	H.C.	A	X	57	9-90	4-1-99
4-86	4-114	4-75					X	X			4800	4800	4	18	1.95	3.92	20	2.20	6.12	CMC	Q		55		
4-86	4-114	Jan-75					X	X			4800	4	18	1.95	3.92			3.92	H.C.	A	X		65	11-90	2-22-90
4-86	Bahia Vista St T. Side	Treatment Plant									300	4	25	0.17	0.14	16	0.11	0.45	CMC	Q		51			
4-86	Bahia Vista St	McIntosh Rd.									290	4	25	0.11	0.21	16	0.07	0.30	CMC	Q		52			
4-86	Bahia Vista St	4-114									8700	4	27	5.39	10.79	28	5.59	16.38	CMC	Q		64			
4-87	4-41	Oak Vista Dr	X				X	X			2080	2080	4	20	0.92	1.84			1.84	H.C.	A	X	58	2-90	4-6-99
4-88	4-87	Fruitville Rd	X				X	X			1400	1400	4	22	0.75	1.41			1.41	H.C.	A	X	58	2-90	4-1-99
4-89	Bahia Vista St	Fruit Tuck Ln									1500	4	13	0.45	0.90	16	0.35	1.45	H.C.	A	X	50	2-90	4-1-99	
4-90	Bahia Vista St	Acadia St					X	X			4200	4200	4	25	2.22	2.44			2.52	H.C.	A	X	49	5-90	
4-90	Bahia Vista St	Honore Av.									1500	4	15	0.67	1.24	16	0.66	1.96	CMC	Q		51			
4-91	4-90 Bahia Vista St.	Bahia Vista St.					X		X		1480	1480	4	19.5	0.66	1.33			1.33	H.C.	A	X	41	5-90	
4-92	4-99	Cooper Rd					X	X			2675	2675	4	19.5	1.70	2.39			2.39	MEM	C		50	1-90	
4-93	4-92	McIntosh Middle School Rd					X	X			2050	2050	4	16	0.75	1.51			1.51	MEM	B		50	2-99	
4-93A	Honore Av.	Fruitville Ct					X		X		125	125	4	9	0.63	0.95			0.95	H.C.	A	X	50	2-90	4-1-99
4-94	4-93	Memphis Av					X	X			1500	1500	4	18.5	0.64	1.27			1.27	MEM	B		50		
4-94	4-93	Memphis Av									1500	4	10	0.34	0.69	15	0.45	1.14	MEM	Q		50			
4-96	4-96	Webber St					X	X	X		1900	1900	4	13	1.11	2.26			2.26	H.C.	A	X	62	11-91	1-11-99
4-96	4-95	4-96									1500	4	10	0.41	0.83	16	0.66	1.49	MEM	Q	X	51			
4-96	Lanwood St	Webber St									2000	4	13	0.60	1.19	16	0.73	1.93	CMC	Q		62			
4-97	4-96 Wells Av.	Cambridge Dr. 1-4-95					X		X		1000	1000	4	13	0.30	0.60			0.60	H.C.	A	X	60	6-90	2-10-99

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P.C. = PRISON CREW
MEM = MENZIE MOWING
H.C. = HAND C. BARING
MW = CONTRACT MOWING
CMC = COUNTY MOWING CREW
SM = S

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Q = QUARTERLY
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CANAL INVENTORY

CANAL I.D.	FROM	TO	CITY	ROW PROBLEMS ACCESS PROBLEMS EASMT PROBLEMS	ACCESS	R/W	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN I.D.	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
4-93	4-96	4-99 Lanwood St. West			X		X		9280	9280	4	25.5	3.09	6.18			6.18	HC	A	X	60	11/99	12-6-99
4-94	McIntosh Rd.	4-96							1000		4	15	0.35	0.99	30	0.90	1.40	CMC	Q		62		
4-99	Webber St.	4-96 Lanwood St. West		X		X			2000	2000	4	19	0.87	1.74			1.74	HC	A	X	60	2-00	4-1-99
4-101	Windthorpe St.	4-102		X		X			2500	2500	4	17	0.69	1.38			1.38	HC	A	X	61		
4-102	4-101	Windthorpe St.				X	X		1800	1800	4	10	0.44	0.69			0.69	HC	A	X	61	6-00	7-20-99
4-103	Bee Ridge Rd.	North To End of Canal at Pipe				X	X		2000	2000	4	17	0.78	1.56			1.56	HC	A	X	61	3-00	3-27-99
4-103	Bee Ridge Rd. North	La Tree Lane							1720		4	13	0.52	1.02	16	0.64	1.67	CMC	Q		61		
4-104	4-106	Brookside Dr. 14-59				X	X		600	600	4	9.5	0.13	0.26			0.26	HC	A	X	63	6-00	7-20-99
4-106	McIntosh Rd.	4-95				X	X		7970	7970	4	22	4.06	8.00			8.00	HC	A	X	63	3-00	3-17-99
4-106	4-104	4-110							3125		4	13	1.08	2.15	17	2.22	1.37	CMC	Q		63		
4-106	Webber St.	4-80							1000		4	15	0.45	0.90	17	0.51	1.40	CMC	Q		62		
4-107	4-109	4-98				X	X		3500	3500	4	16.4	3.44	2.83			2.83	HC	A	X	63	3-00	3-17-99
4-108	4-106	Bee Ridge Rd.				X	X		2000	2000	4	76	1.19	2.39			2.39	HC	A	X	63	3-00	3-17-99
4-108	4-106	Bee Ridge Rd.							1825		4	15	0.64	1.28	16	0.67	1.93	CMC	Q		63		
4-109	4-80	Webber St.		X		X			2000	2000	4	17	0.55	1.10			1.10	HC	A	X	62	5-00	
4-110	Elmore Av. R.W.	4-106				X	X		1000	1000	4	17.5	0.40	0.80			0.80	HC	A	X	63	4-00	4-8-99
4-111	Stokes Wy.	Brookmeade Dr.				X	X		2400	2400	4	10	0.55	1.10			1.10	HC	A	X	63	6-00	
4-111	Stokes Wy.	Brookmeade Dr.							1800		4	10	0.47	0.71	20	0.73	1.47	CMC	Q		63		
4-112	Hayden Dr.	4-86				X	X		2400	2400	4	24	1.54	3.09			3.09	HC	A	X	65	11-01	1-4-00
4-113	4-80	Colonial Oaks Dr.				X	X		3200	3200	4	20.5	1.96	3.89			3.89	HC	A	X	65	4-00	4-8-99
4-113A	4-113B	Col. Oak St. East				X	X		1800	1800	4	9	0.17	0.74			0.74	HC	A	X	64	7-00	
4-113B	Colonial Oaks Dr.	4-113A				X	X		1800	1800	4	20	0.83	1.65			1.65	HC	A	X	64	4-00	4-8-99
4-113C	Black Oak Cr.	West Colonial Oak St.				X	X		200	1500	4							HC	A		64	5-00	5-1-99
4-114	4-86	4-75				X	X		4700	4000	4	35	3.78	7.43			7.43	HC	A	X	64	6-00	
4-114	Cathlamet Rd.	4-86							3100		4	25	1.78	3.56	30	2.13	5.69	CMC	Q		65		
4-114	Cathlamet Rd.	4-75							500		4	21	0.76	0.93	16	0.18	2.71	CMC	Q		64		
4-115	Bee Ridge Rd.	4-86 Migration Remedy				X	X		2200	2200	4	23.5	1.19	2.37			2.37				65		
4-115	Bee Ridge Rd.	4-86							2200		4	16	0.81	1.62	18	0.92	2.53	CMC	Q		65		
4-117	4-75	Cathlamet Rd.				X	X		1500	1500	4	37	1.27	2.53			2.53	HC	A	X	65	3-00	
4-118	4-75	4-115A							2500		4	14	0.80	1.60	19	1.09	2.70	CMC	Q		19		
4-118	4-75	Behind Cathlamet Complex							1400		4	21.5	0.66	1.32			1.32	HC	A	X	47	4-00	4-8-99
4-118A	Cathlamet Rd.	4-115				X	X		400	400	4	7.3	0.67	0.14			0.14	HC	A	X	49	3-00	3-22-99

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HC = PRISON CREW
MM = M/LN/ZI MOWING
HC = HAND CLEARING
MW = CONTRACT MOWING
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CANAL INVENTORY

15000 Shoreline Cleanup/Assessment Inventory

CANAL I.D.	FROM	TO	CITY	ROW PROBLEMS ACCESS PROBLEMS EASMENT PROBLEMS	ACCESS	ROW	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN I.D.	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
4-119	4-49	Frontville Rd.			X	X			2900	2900	4	22.5	1.03	2.07			1.07	HVC	A	X	47	6-00	
4-119	4-49	Frontville Rd.							2900	2900	4	22	0.60	1.19	16	0.72	1.93	CMC	Q		47		
4-119A	Castlemen Rd.	1-75		X	X				2900	2900	4	8	0.18	0.37			0.37	HVC	A	X	47	3-00	3-22-99
4-119B	Castlemen Rd.	1-75		X	X				485	485	4	6	0.07	0.13	12	0.11	0.27	CMC	Q	X	47		
4-119B	Castlemen Rd.	1-75							485	485	4	11.5	0.13	0.26			0.26	HVC	A	X	47	1-01	2-22-00
4-120	Page Ave	Woods St			X	X			700	700	4	5	0.08	0.16			0.24	HVC	A		47	3-99	1-25-99
4-121	Hammwood Ct	4th			X	X			1150	1150	4	13.5	0.41	0.82			0.82	HVC	A	X	52	6-00	7-10-99
5-116A	Racine Dr	Fence Line			X	X			805	805	4	8	0.15	0.30	16	0.30	0.39	CMC	Q		211		
5-116A	Racine Dr	Field		X	X				5280	5280	4						0.00				211		
5-119	Richardson Rd.	Racine Dr			X	X			10750	10750	4	24	5.58	11.15			11.15	CMC	B		214		
5-119	Richardson Rd.	Fence Line							7000	7000	4	17	0.75	1.50	36	0.75	2.76	CMC	Q		214		
5-119	Racine Dr.	East of Wayne Wheel Dr							868	868	4	17	0.33	0.67	37	0.61	1.67	CMC	Q		212		
5-121	LS-47	Castle Dr			X	X			4000	4000	4	14.5	1.33	2.66			2.66	HVC	A	X	212	3-00	3-22-99
5-122	Castle Dr	5-119							808	808	4	5	0.19	0.38	27	0.54	0.74	CMC	Q		211		
5-123	5-119	Curran Dr.			X	X			1500	1500	4	4.5	0.49	0.79			0.79	HVC	A	X	211	3-00	3-22-99
5-124	LS-40	LS-49			X	X			1500	1500	4	0	0.11	0.62			0.62	HVC	A	X	211	1-00	3-22-99
5-125	Frontville Rd	Field			X	X			300	300	4						0.00				210		
5-126	Frontville Rd	Field			X	X			7820	7820	4						0.00				208		
5-127	5-126	Field		X	X				2400	2400	4						0.00				208		
5-128	5-126	Field			X	X			15840	15840	4						0.00				208		
5-129	Field	6-128		X	X				3000	3000	4						0.00				208		
5-130	Field	6-128		X	X				9740	9740	21						0.00				208		
5-131	Field	5-129		X	X				800	800	21						0.00				200		
6-114	1-75	5154 East of Cook's Grove			X	X			5150	5150	4	27	5.42	6.63	102	12.53	19.16	CMC	Q		239		
6-114	1-75	5154 East of Cook's Grove			X	X			7250	7250	4	92	4.99	9.99			9.99	MM	C		239	4-02	4-8-99
6-114	1-75	Sarasota Golf Club Hs			X	X			5200	5200	4	20	2.39	4.78	345	17.11	22.08	CMC	Q		240		
6-114	Sarasota Golf Club Hs	Palmer Hs			X	X			15840	15840	4	25	9.69	18.18	36	13.09	17.27	CMC	Q		241		
6-114	7214 S. Leeway Dr	7216 S. Leeway Dr			X	X			940	940	4	25	0.34	0.69	16	0.22	0.91	CMC	Q		241		
6-117	1-75	Porter Rd			X	X			2560	2560	4	47	2.70	5.39			5.39	MM	C		239		
6-117	1-75	Porter Rd							2230	2230	4	27	1.38	2.76	36	1.83	4.61	CMC	Q		239		
6-118	Porter Rd.	6-119			X	X			2000	2000	4	25.5	1.55	2.71			2.71	MM	C		237		
6-118	Porter Rd.	6-119							1900	1900	4	16	0.70	1.40	24	1.05	2.43	CMC	Q		237		

* = SLOPE WIDTH FOR ONE SLOPE
HVC = PRISON CREW
MM = MENZIE MOWING
MC = HAND CLEARING
MW = CONTRACT MOWING
CMC = COUNTY MOWING CREW
MM = S

* usethis@r-project.org or <https://rpubs.org/xtz>

CANAL INVENTORY

CANAL I.D.	FROM	TO	CITY	ROW PROBLEMS ACCESS PROBLEMS EASMENT PROBLEMS	ACCESS	ROW	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN I.D.	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
6-119	Potter Rd	Richardson Rd			X	X			11,125	11,125	4	45	11.79	23.40			23.40	CMC	C		218		
6-119	Proter Rd	Palmer Bv.							1600		4	23	1.96	3.80	40	3.31	3.11	CMC	Q		218		
6-119	Palmer Bv	Sawgrass Rd							3125		4	14	1.94	2.07	17	2.14	4.61	CMC	Q		219		
6-119	Sawgrass Rd	Trinityville Rd							2100		4	15	0.79	1.58	65	3.43	3.02	CMC	Q		216		
6-119	Trinityville Rd	Richardson Rd							2200		4	17	0.61	1.21	111	3.61	6.82	CMC	Q		215		
6-125	6-151	Trinityville Rd			X	X			5250	5250	4	21	2.79	5.38			5.38	CMC	C		219		
6-126	6-152	Trinityville Rd			X	X			5250	5250	4	30.5	3.79	7.49			7.39	CMC	C		221		
6-128	6-153	6-154			X	X			22400	22400	20	31	15.94	51.58			51.58	CMC	C		223		
6-128	Old RNM	6-154							8000		4	26	4.78	9.55	28	5.14	14.69	CMC	Q		229		
6-129	Trinityville Rd	6-153			X		N		1000	1000	20	5.3	9.13	0.25			9.25	CMC	H		217		
6-132	Trinityville Rd	Latham Rd			X	X			7920	7920	4	25	4.55	9.09			9.09	ILC	A	X	217	4/90	4/20/90
6-133	Latham Rd	Field			X	X			1000	1000	4	23	0.57	1.13			1.13	ILC	A	X	219	4/90	4/20/90
6-134	6-132	Field			X	X			1000	1000	4	18	0.47	0.93			0.93	ILC	A	X	217	4/90	4/20/90
6-135	6-132	Field		X	X				600	600	4	27.5	0.31	0.62			0.62	ILC	A	X	217	4/90	4/20/90
6-136	6-119	East Rd			N				2200	2200	4	28.5	0.91	1.87			1.87	ILC	A	X	216	4/90	4/22/90
6-136A	6-119	East Rd							5900		4	17	2.26	4.53	12	1.60	6.17	CMC	Q		216		
6-136B	6-136A	6-136			X	X			1200	1200	4	60	0.87	1.65			2.47	ILC	A		216	7/90	
6-136C	6-136	6-119			X	X			1200	1200	4	19	0.81	0.87			1.23	ILC	A		216	7/90	
6-137	East Rd	Field			X	X			800	800	4	28	0.39	0.96			0.96	ILC	A	X	218	5/99	6/12/99
6-138	6-119	Easthome Cir			X	X			6600	6600	4	25	1.74	3.43			3.43	ILC	A	X	218	5/99	7/21/99
6-138	6-119	Easthome Dr.							2400		4	16	0.90	1.53	22	2.24	3.65	CMC	Q		218		
6-139	6-119	Palmer Bv			X		X		3000	3000	4	26.5	1.83	3.65			3.65	ILC	A	X	216	5/99	7/21/99
6-139	6-139	Shadow Ridge Dr							1320		4	12	0.45	0.91	20	0.70	1.67	CMC	Q		216		
6-140	6-114	6-114			X	X			3000	3000	4	29	2.60	3.99			3.99	ILC	A	X	241	5/99	7/14/99
6-140	Potter Rd	6-114							1150		4	15	0.40	0.79	17	0.45	1.24	CMC	Q		236		
6-141	6-114	Field			X	X			2400	2400	4	20.5	1.13	2.26			2.26	ILC	A	X	240	5/99	7/14/99
6-142	Bee Ridge Rd.	6-114			X	X			4800	4800	4	23	2.53	5.07			5.07	ILC	A	X	240	6/90	7/9/90
6-142	Bee Ridge Rd	Sarasota Golf Club Bv							3400		4	17	1.32	2.63	24	1.50	4.45	CMC	Q		239		
6-142	Sarasota Golf Club Bv	6-114							1400		4	16	0.51	1.03	8	0.70	1.29	CMC	Q		239		
6-143	Bee Ridge Rd	6-114			X	X			5250	5250	4	24	2.5	5.82			5.82	ILC	A	X	242	6/90	7/21/90
6-143	6-114	Sunbeam Dr							3720		4	15	1.28	2.56	16	1.17	3.93	CMC	Q		242		

* = SLOPE WIDTH FOR ONE SLOPE
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HC = HAND CLEARING
AW = CONTRACT MOWING
CAC = COUNTY MOWING CREW
SM = S

B = EVERY TWO YEARS
C = EVERY THREE YEARS
Q = QUARTERLY
M = MONTHLY

CANAL INVENTORY

1 June 2009 08:00:00 AM

CANAL I.D.	FROM	TO	CITY	R/W PROBLEMS ACCESS PROBLEMS EASMENT PROBLEMS	R/W ACCESS	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN I.D	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
6-141	Bee Ridge Rd.	6-143A						1000	4	15	0.14	0.69	16	0.37	1.66	CMC	Q			242		
6-143A	6-143	Gray Pledge Dr.			X	X		2350	2350	4	24.5	1.27	2.44			2.44	M/M	B		242		
6-144	Dead End	6-143			X	X		1600	1600	4	24	0.88	1.76			1.76	H/C	A	X	242	12/01	2/10/08
6-146	6-114	Pledge Ln.			X	X		5280	5280	4	21.5	2.61	5.21			5.21	H/C	A	X	244	6/00	7/9/00
6-146	6-114	South Leeswyn Dr.						200	4	14	0.06	0.11	8	0.04	0.11	CMC	Q			244		
6-146	South Leeswyn Dr.	North Leeswyn Dr.						1800	4	12	0.50	0.99	16	0.69	1.65	CMC	Q			244		
6-146	North Leeswyn Dr.	6-147						760	4	14	0.06	0.11	18	0.08	0.27	CMC	Q			243		
6-147	6-146	Back			X	X		4100	4100	4	26	2.45	4.89			4.89	M/M	H		243		
6-148	6-114	Deer Rd.						4800	4800	4	13	1.43	2.87			2.87	M/M	B		243		
6-149	Under Construction				X	X		5280	5280	4	22.5	2.73	5.45			5.45	M/M	C		244		
6-149	Under Construction							3050	4	15	1.06	2.12	16	1.45	4.17	CMC	Q			243		
6-149A	Deer Rd.	6-114			X	X		6500	6500	4	23.5	3.56	7.12			7.12	M/M	C		246		
6-149A	Old RRR	6-114						6540	4	15	2.23	4.50	22	3.30	7.81	CMC	Q			245		
6-149B	Under Construction							4000	4000	4	12	1.10	2.20			2.20	M/M	C		246		
6-151	6-114	6-151			X	X		2700	2700	4	27	1.63	3.25			3.25	M/M	C		241		
6-150	6-114	Holeyn Rd.						1900	4	15	0.69	1.37	28	1.38	2.65	CMC	Q			241		
6-151	Holeyn Rd.	Fruitville Rd.			X	X		2300	2300	4	19	1.06	2.01			2.01	M/M	C		241		
6-152	6-114	6-126			X	X		2270	2270	4	26	1.35	2.71			2.71	M/M	C		241		
6-152	6-114	6-126						2270	4	18	0.94	1.88	16	0.83	2.71	CMC	Q			241		
6-153	17-175	6-129			X	X		17500	10560	4	12	0.76	15.52			15.52	M/M	C		245		
6-153	6-114	Old RRR						5000	4	15	4.73	9.55	16	2.54	12.49	CMC	Q			245		
6-154	6-114	Fruitville Rd.			X	X		4500	4500	4	32.5	5.36	6.71			6.71	M/M	C		221		
6-156	Pai Plaza	East Leeswyn Dr.			X	X		400	400	4	9	0.08	0.17			0.17	H/C	A	X	236	6/00	6/29/99
6-157	North Leeswyn Dr.	South Leeswyn Dr.			X	X		430	430	4	10	0.10	0.20			0.20	H/C	A	X	234	6/00	6/29/99
6-155	Leeswyn Dr.	Golf Course			X	X		200	200	4	6	0.03	0.06			0.06	H/C	A	X	236	6/00	6/29/99
6-237	1-75	Bee Ridge Rd.			X	X		4000	4000	4	25	2.50	4.99			4.99	M/M	C		240		
7-128	6-124	Manatee County Line		X	X			6600	22							0.00				206		
7-156	Manatee County Line	Manatee County Line		X	X			6600	22							0.00						
7-157	7-155	Field		X	X			9340	22							0.00						
7-158	8-157	Field		X	X			15540	22							0.00						
7-159A	Fruitville Rd.	7-160		X	X			10560	22							0.00						
7-160	7-159A	Field		X	X			10560	22							0.00						

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H/C = HAND CLEARING
M/M = MONTHLY MAINTENANCE
H/C = HAND CLEARING
MW = CONTRACT MAINTENANCE
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NM = N/A

B = EVERY TWO YEARS
C = EVERY THREE YEARS
Q = QUARTERLY
M = MONTHLY

CANAL INVENTORY

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CANAL I.D.	FROM	TO	CTRY	ROW PROBLEMS	ACCESS PROBLEMS	EASMT PROBLEMS	ACCESS	ROW	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN I.D.	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
7-161	7-159	Field		X	X							1700	22						0.00						
7-162	Simplicity Rd.	Manatee County Line		X	X							10500	22						0.00						
7-163	Simplicity Rd.	Field			X		X					2500	22						0.00						
8-157	7-158	8-158		X	X							5250	22						0.00						
8-158	7-159	8-161		X	X							3920	22						0.00						
8-160	8-161	Myakka Lake			X		X					17750	22						0.00						
8-162	Simplicity Rd	Manatee County Line		X	X							15840	22						0.00						
8-164	8-167	8-169		X	X							5790	22						0.00						
8-165	8-169	Field		X	X							2990	22						0.00						
8-166	Cumbee Ln	Field		X	X							5140	22						0.00						
8-167	7-162	Field										3000	22						0.00						
8-168	8-170	8-166		X	X							17160	22						0.00						
8-169	Frankville Rd	8-168		X	X							3000	22						0.00						
8-170	Frankville Rd	8-168		X	X							4000	22						0.00						
8-171	8-169	Field		X	X							1700	22						0.00						
8-172	8-168	Field		X	X							2000	22						0.00						
8-173	8-174	8-168		X	X							10560	22						0.00						
8-173A	8-173 North	Palm View Rd										22							0.00						
8-174	8-173	Field		X	X							1060	22						0.00						
8-175	8-226	Field		X	X							10560	22						0.00						
8-175A	Cumbee Ln	Myakka Rd.					X		X			667	22						0.00	PIC	A		573	2-99	2-1-99
8-176	Field	8-175		X	X							1700	22						0.00						
8-177	8-162	8-168		X	X							4000	22						0.00						
8-256	8-175	Manatee County Line		X	X							5700	22						0.00						
8-257	Hidden River Rd	Field		X	X							2000	22						0.00						
9-251	Cape Cayle Ln	Canal Rd					X		X			200	27	5	0.02	0.05			0.05	PIC	B		82	5-02	5-2-99
10-628	Beneva Rd	Hell Rd					X		X			2200	4	20	1.01	1.02			2.02	HIC	A	X	72	7-00	7-27-99
10-63	Wilkinson Rd	Bee Ridge Rd		X	X							4000	4	15.5	1.42	2.85			2.85	HIC	A	X	70	7-00	7-26-99
10-63	Wilkinson Rd	Behind St Wilfred Church										900	4	6	0.12	0.25	5	0.12	0.41	CMC	Q		70		
10-86	Bee Ridge Rd	1-75					X	X				3000	4	11	0.25	0.51			0.51	HIC	A	X	66	7-00	7-21-99
10-108	Proctor Rd	Bee Ridge Rd.					X	X	X			5475	4	15.5	5.71	6.41			6.41	HIC	A	X	68	7-00	8-10-99
10-108	North of Dunn Dr	South of Dunn Dr										1050	4	5	0.19	0.37	13	0.30	0.67	CMC	Q		68		

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MM = MENS/MOWING
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CMC = COUNTY MOWING CREW
SM = S

* marcel.schmittgen@colorado.edu

CANAL INVENTORY

CANAL I.D.	FROM	TO	CITY	ROW PROBLEMS ACCESS PROBLEMS EASMT PROBLEMS	ACCESS	R/W	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN I.D.	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
10-108A	Greenwich Rd	Lake			X	X			350	350	4	5.5	0.84	0.84			0.84	H/C	A	X	91	7-90	7-28-90
10-109	Canino Road	Wentworth St			X	X			2400	2400	27	9	0.56	0.56			0.56	P/C	B		76	10-93	10-93
10-110	Lashrock Dr	Lot Line			X		X		120	120	27	2	0.01	0.01			0.01	P/C	C		76		
10-111	Lewis Av	Phillippi Crk			X	X			1600	1600	4	3	0.26	0.51			0.51	H/C	A	X	85	7-99	8-3-99
10-114A	Riverwood Av	Phillippi Creek			X		X		320	320	4	15	0.75	0.75			0.75	H/C	A	X	85	7-98	7-28-98
10-115	Hosmer Av.	Bee Ridge Rd.			X		X		5000	5000	4	20	0.24	6.89			6.89	H/C	A	X	66	7-98	8-20-98
10-116	Austin St	Coronado Dr			X		X		200	200	4	5	0.02	0.05			0.05	P/C	B		82		
10-179	Phillippi Creek	South Tamarac Trail			X	X	X		2000	2000	4	15.5	0.71	1.42			1.42	H/C	A	X	74	7-98	8-27-98
10-179	Still Terrace	Riverwood Av							600		4	12	0.17	0.13	14	0.19	1.52	CML	Q		71		
10-179	Riverwood Av	Shade Av.							1225		4	12	0.13	0.67	14	0.39	1.02	CML	Q		74		
10-179	North Tamarac Tr	School Av							1200		4	5	0.17	0.23	16	0.24	0.37	CML	Q		71		
10-180	Phillippi Crk	School Av.					X	X	1250	1250	4	12.5	0.34	0.69			0.69	H/C	A	X	75	7-98	8-27-98
10-182	Swift Rd	North of DP on Clark Rd			X		X		700	700	5	10	0.16	0.32			0.32	P/C	C		46	6-99	10-7-99
10-183	Swift Rd	Phillippi Creek			X	X			3200	3200	4	16	1.15	2.35			2.35	H/C	A	X	86	7-98	8-27-98
10-184	Swift Rd	Lewis Av							925		4	10	0.22	0.45	14	0.31	0.76	CML	Q		46		
10-184	Lewis Av	Phillippi Creek		X	X	X			9650	11120	4	35.5	5.30	10.66			10.66	P/C	A		47		
10-184	10-187	Proctor Rd.							2030		4	14	0.67	1.34	44	2.70	3.44	CML	Q		67		
10-184	Lt. 43 - Maine St	Brace Ln - Phillippi Crk							4450		4	26.5	2.77	5.41			5.41	P/C	A		87		
10-185	DP W 17-14 Proctor	9-154 Red Bag Slough				X	X		1500	1500	4	37.5	0.77	1.55			1.55	H/C	A	X	87	8-99	8-10-99
10-185A	10-184 Red Bag	Rockefeller Av			X	X			3100	3100	4	12.5	0.59	1.75			1.75	H/C	A	X	73	7-98	8-27-98
10-185A	Rockefeller Av	10-154 Red Bag Slough							3100		4	5	0.57	1.14	14	1.60	2.13	CML	Q		73		
10-185B	Jamaica St.	Wilkinson Rd			X	X			1325	1325	4	5.5	0.26	0.52			0.52	P/C	B		71	7-99	7-10-99
10-186	Malet Cir	Wilkinson Rd			X	X			4000	4000	4	16.5	1.52	3.03			3.03	H/C	A	X	71	7-98	8-7-98
10-186	Proctor Rd	Jamaica St							1765		4	12	0.49	0.97	23	0.91	1.90	CML	Q		71		
10-187	Country Place Dr.	Lt 43			X	X			4000	4000	4	21	1.93	3.86			3.86	H/C	A	X	89	8-98	8-13-98
10-187	Country Place Dr.	Brace Rd							2700		4	15	0.68	1.36	13	0.81	2.17	CML	Q		89		
10-187	Henesa Rd	Ashmun Rd West							2100		4	15	0.72	1.45	33	1.36	3.94	CML	Q		87		
10-188	Gypsy St	Lake East of Louis Ave.		X		X			2600	5760	4	14	0.84	1.67	5	0.45	2.15	H/C	A	X	90	8-98	8-20-98
10-189	Pope Av.	Carl Place		X	X				2030	2030	4	5	0.23	0.46			0.46	P/C	B		69	4-99	3-24-97
10-189A	Jamaica St	Edgewood Av			X	X			900	900	4	4	0.08	0.17			0.17	P/C	B		69	4-99	3-24-97
10-189B	Jamaica St. & W	Proctor Rd			X	X			1200	1200	4	5	0.14	0.28			0.28	P/C	B		69	4-99	3-24-97
10-190	10-198 & Mathews Crk	Clark Rd			X	X			6450	6450	5	32.5	4.93	9.67			9.67	H/C	A	X	102	8-98	8-11-98

* = SLOPE WIDTH FOR ONE SIDE

PIC = PRISON CREW

$$M/M = \text{MIN/1 MOVING}$$

HND = HAND HOLDING
 HNC = HAND CLEARING
 HNY = CONTRACT HOLDING

CMC - COUNTY MOWING CREW

$$2H = S$$

B = EVERY TWO YEARS
C = EVERY THREE YEARS
Q = QUARTERLY
M = MONTHLY

CANAL INVENTORY

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CANAL I.D.	FROM	TO	CITY	ROW PROBLEMS ACCESS PROBLEMS EASMT PROBLEMS	ACCESS	ROW	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN I.D.	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T.W. WIDTH (FT)	T.W. ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
10-191	Utah Rd	10-190 Denham Branch		X	X				1500	1700	5	14	0.55	7.09			7.64	H.C.	A	X	104	8.00	9/24/99
10-192	10-190 Denham Br	Gulf Gate Dr			X		X		2550	2500	5	13	0.25	7.49			7.49	H.C.	A	X	102	1.00	12/11/98
10-192	10-190 Denham Br	Gulf Gate Dr							2500		5	13	0.25	7.49	12	0.69	7.75	CMC	Q		107		
10-193	Gulf Gate Dr	Yorktown St			X		X		1500	1500	5	15	1.21	7.41			7.41	H.C.	A	X	102	8.00	10/1/99
10-194	10-190 Denham Br	Rocketeer Yorktown		X	X				4000	4000	5	17	1.10	7.20			7.20	H.C.	A	X	101	2.00	12/11/98
10-196	10-192	Mayflower & Rocketeer			X	X			3100	1300	5	19.5	3.48	2.95			2.95	H.C.	A	X	101	8.00	10/1/99
10-198	South Lammam Trail	Beneva Rd			X	X			6000	6000	5	28.5	3.93	7.45			7.45	H.C.	A	X	102	8.00	9/24/99
10-198	10-190 Denham Br	Bingham Rd							1500		5	10	0.34	0.69	69	2.38	3.66	CMC	Q		111		
10-198	Westford Ln	Beneva Rd.							1000		5	17	0.44	0.88	5	0.29	1.15	CMC	Q		102		
10-198A	Marckridge So.	10-198			X		X		500	500	5	12	0.07	0.15			0.35	H.C.	A	X	102	12.01	1/24/00
10-199	Beneva Rd	Behind Public Warehouse			X	X			3000	3000	5	20.5	1.41	2.82			2.82	H.C.	A	X	100	8.99	5/20/98
10-199	10-199A Kingston Dr	McIntosh Rd		X	X	X			3000		5	13	0.49	1.79	47	1.24	5.13	CMC	Q		100		
10-200	Ashton Rd	North McIntosh Rd		X	X	X			5700	5200	4	36	4.30	8.60			8.60	H.C.	A	X	92	8.00	9/8/99
10-201	West of McIntosh Rd	Ashton Rd			X	X			1900	2000	4	14	0.12	0.64			0.64	H.C.	A	X	90	4.00	9/13/99
10-203	Ashton Rd	West Side of Ashton Sch.							300		0	4	0.61	0.96	50	0.34	0.30	CMC	Q		92		
10-203	Ashton Rd	Behind Anna Middle School							1250		0	6	0.17	0.34	12	0.34	0.50	CMC	Q		92		
10-203	Ashton Rd	Clark Rd			X	X			4500	4500	0	8	0.41	0.82			1.25	H.C.	A	X	92	12.01	2/2/01
10-203A	Ashton Rd	Nevada Way			X		X		1500	1500	0	10	0.30	0.60			0.60	H.C.	A	X	93	8.00	10/8/99
10-204	Grant Av	1-75								1000	4						0.99				91		
10-204A	Grant Av	1-75			X	X			1500	1500	4	11	0.38	0.76			0.76	H.C.	A	X	93	0.00	9/17/99
10-204A	Grant Av	West to Pond			X	X	X		272	272	4	5	0.33	0.96			0.33				93		
10-205	Grant Rd	5707 Camel Road					X		2000	2000	4	5	0.37	0.73			1.30	MW	M	X	93		
10-207	Draw Ln. South	Draw Ln. North		X	X	X				1500	11						0.60				95		
10-208	Phillippo Creek	Cambridge Way			X		X		245	250	4	4	0.40	0.02			0.02	SM P.C.	A		53		
10-209	Ashton Br	Ashton Rd			X		X		1195	1195	5	8.5	0.25	0.47			0.47	H.C.	A	X	88	9.00	9/22/99
10-209	Ashton Dr	Ashton Rd							1195		5	6	0.16	0.33		0.22	0.55	CMC	Q		89		
10-209A	Clark Rd.	Ashton Dr.			X		X		1000	1000	5	7.5	0.17	0.34			0.34	H.C.	A	X	88	9.00	9/17/99
10-210	Forces Av	Camino Real		X	X				200	200	27	4.5	0.02	0.04			0.04	P.C.	C		76		
10-210A	Marissa Place	Bay Rd		X	X				200	200	27	4.5	0.02	0.04			0.04	SM P.C.	C		76		
10-211	MacBridge Rd.	10-195 McIntosh Lk			X		X		1000	1000	5	12	0.25	0.51			0.51	H.C.	A	X	102	9.00	9/17/99
10-212A	Camino Real	Tr Br			X		X		700	1300	20	10	0.60	1.21			1.21	P.C.	A		77	7.95	7/1/96
10-213	DP 10-7 Proctor Rd.	Pond			X		X		1200	1200	4						0.06	H.C.	A	X	47	0.00	9/24/99

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H.C. = HAND CLEARING
MW = CONTRACT MOWING
CMC = COUNTY MOWING CREW
SM = SLOPE

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CANAL INVENTORY

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CANAL ID	FROM	TO	CITY	ROW PROBLEMS	ACCESS PROBLEMS	EASEMENT PROBLEMS	ACCESS	ROW	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN ID	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
10-214	Alwood City Cir	10-115 Bee Ridge Rd					X	X			2112	2112	4	12	0.29	0.58			0.58	P.C.	B		65	12/99	12/13/99
10-214A	Center Pointe Ln	Madeira Ct					X	X			700	700	4	8	0.05	0.11			0.11	H.C.	A	X	66	7/00	
10-215	10-115 Center Gate	Alwood City Cir					X	X				1063	4						0.00				65		
11-200	11-223	16-206		X			X				4925	7020	11						0.98	M.M.	C		119	6/01	6/18/99
11-207	Field	11-206					X	X				1800	11						0.60				117		
11-208	Escondido Cir	Tamiami Trail South					X	X			12450	13200	6	22.5	0.40	12.80			12.80	M.M.	B		113		
11-208A	Class Way	Class Cir					X	X			1400	1400	6	9	0.29	0.58			0.58	H.C.	A	X	111	9/99	8/27/98
11-209	Breakewater Ln	Bounty Dr					X	X			1000	1000	6	8	0.14	1.39			1.39	H.C.	A	X	111	9/99	8/28/98
11-210	Capitola Dr	Golf Course Dr					X	X			1000	1000	6	21.5	1.48	2.96			2.96	H.C.	A	X	112	9/00	10/6/99
11-210	Cutloss Av	11-156									700		6	12	0.06	0.21	8	0.24	0.15	L.M.	Q		111		
11-212	Bonessa Rd	Behind Stadium Dealer 40					X	X			4000	4000	7	26	2.54	4.35			4.35	H.C.	A	X	125	9/00	12/22/99
11-212	Bonessa Rd	Nixon Av									5750		9	15	1.11	2.22	24	1.77	0.99	C.M.	Q		125		
11-214	South Tamiami Trail	Venezian Dr					X	X			500	500	9	38	0.44	0.87			0.87	H.C.	A	X	132	8/00	10/1/99
11-217	11-200 Caliente	N McIntosh Rd - Field					X	X			2400	2400	9	16	0.55	1.76			1.76	P.C.	A		116	10/97	10/1/96
11-218	Field	11-214		X	X							700	11						0.00				118		
11-219	11-225A	11-221		X	X							1800	11						0.60				117		
11-220	11-221	11-223			X	X						10500	11						0.00				117		
11-221	11-214	11-206		X			X					7520	11						0.00				117	5/00	5/20/99
11-222	Field	1-75		X	X							400	11						0.00				119		
11-223	11-214	11-206		X			X					2640	11						0.00				120		
11-224	Field	11-223		X			X					1200	10						0.00				116		
11-225	Field	11-206		X			X					300	11						0.00				117		
11-225A	11-226 Glen Ln	Mandarin Rd					X	X			575	575	11						0.00	H.C.	A	X	117	9/00	12/16/99
11-226	Glen Ln - Hummer R W	11-215A					X	X			5145	5145	11						0.00	H.C.	A	X	117	9/00	12/18/99
12-86	Hickory Rd	Bee Ridge Rd					X	X			200	200	4	20	0.09	0.18	21	0.10	0.28	C.M.	Q		261		
12-128	5-153	1 Ark Rd		X	X		X					27160	21						0.00				246		
12-128	12-240 Bee Ridge Est	Gator Creek Airport					X	X			14000	14000	21	15	0.64	19.28	18	12.2	11.56	C.M.	Q		256		
12-143	12-141 Bee Ridge Rd	Manna Lora Dr - 12-217					X	X			1855	1855	4	14	1.62	3.04			3.04	H.C.	A	X	259	9/99	9/9/98
12-143	12-141 Bee Ridge Rd	Manna Lora Dr - 12-217									1855		4	21	0.89	1.79	22	0.94	0.73	C.M.	Q		259		
12-143A	Elton Place	12-141					X	X			1000	1000	4	9	0.21	0.41			0.41	M.M.	B		259		
12-204	Camelot Lakes East	12-227 Hoyer Dr					X	X			1600	1600	4	9	0.70	1.40			1.40	H.C.	A	X	264	1/00	12/31/98
12-204	Camelot Lakes East	12-227 Hoyer Dr									1600		4	8	0.70	0.50	18	0.66	1.25	L.M.	Q		264		

* = SLOPE WIDTH FOR ONE SLOPE
P.C. = PRISON CREW
A.M. = MINZIMOWING
H.C. = HAND C. F. A. N. G.
M.W. = CONTRACT MOWING
C.M. = COUNTY MOWING CREW
S.M. = S.

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CANAL INVENTORY

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CANAL I.D.	FROM	TO	CITY	ROW PROBLEMS	ACCESS PROBLEMS	EASEMENT PROBLEMS	ACCESS	ROW	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN I.D.	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	TAW WIDTH (FT)	TAW ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
12-211	Canary Rd	Clark Rd			X		X				400	400	4	8	0.07	0.15			0.15	P.C.	B		255	12/95	12/1/96
12-227	12-86	Proctor Rd					X	X			15840	15840	4	20.5	7.45	14.91			14.91	H.C.	A	X	261	9/00	5/1/99
12-227	Proctor Rd	Tarvest Rd									360		4	14	0.30	0.19	20	0.14	0.31	C.M.C.	Q		262		
12-227	Proctor Rd	12-229 - Brynna Dr									5000		4	14	1.61	8.31	20	2.30	8.51	C.M.C.	Q		264		
12-229	12-229 - Brynna Dr	Clark Rd		X			N				2800	2800	4	18	1.16	2.01			2.01	H.C.	A	X	264	1/91	2/22/90
12-229	12-229 - Brynna Dr	Clark Rd									2800		4	10	0.62	1.29	15	0.56	2.25	C.M.C.	Q		264		
12-230	12-227	Clark Rd		X			X	X				1000	4						0.00				253		
12-231	12-227	Field		X			X	X				1900	4						0.00				264		
12-232	12-227	Field		X	X							1400	4						0.00				264		
12-233	12-227	Field		X			X	A				2000	4						0.00				266		
12-234	12-227	Clark Rd		X			X				400	400	4	8.5	0.05	0.10			0.16	M.M.	B		266		
12-237	12-143	Hawley Head Hwy			X	X						5280	4						0.00				260		
12-238	Clark Rd	12-249					X	X			1500	1500	21	15	0.52	7.04			1.03	M.M.	B		281		
12-239	Church Hill Downs	12-25 - Cow Pen Slough		X	X	X					1125	1125	21	16.5	1.18	2.37			2.37	H.C.	A	X	281	8/00	10/20/99
12-239	Crash Rd	Bee Ridge Rd. Exit									600		21	6	0.08	0.17	5	0.11	0.28	H.S.O.	Q		281		
12-240	Bee Ridge Rd. Exit	Bent Tree Bv. Bee Ridge Rd									4500		4-2	17	0.85	1.77	21	1.55	1.62	C.M.C.	Q		257		
12-241	Bee Ridge Rd. Exit	12-240					X	X				1250	21						0.00				255		
12-242	12-128 - Cow Pen	Field		X	X						400	10560	21						0.00	M.M.	C		265	11/1/92	1/1/99
12-243	12-128 - Cow Pen	Field			X	X					10560	10560	21	16.5	4.00	8.00			8.00	M.M.	C		278		
12-244	12-243	Field		X	X							5750	21						0.00				278		
12-245	12-243	12-244		X	X							5250	21						0.00				276		
12-256	Hawkins Rd.	12-256		X			X					1600	11						0.00				272		
13-128	Clark Rd	12-25		X			X				800	17160	21						0.00	M.M.			293		12/14/95
13-128	Clark Rd	Structure #1 - Cow Pen					X		X		5000	8060	21	25	4.59	9.18	16	2.94	12.12	C.M.C.	Q		293		
13-206	12-75	12-206										2020	11						0.00				287		
13-245	12-245	Field		X	X							5280	21						0.00				274		
13-246	Field	12-206					X		X			1000	11						0.00				288		
13-247	Field	12-206					X	X				1000	11						0.00				253		
13-248	13-247	Field		X	X							1200	11						0.00				288		
13-249	Field	12-249		X	X							15840	11						0.00				289		
13-252	Field	14-252		X	X							15840	11						0.00				251		
13-253	Field	13-252		X	X							2900	11						0.00				290		

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SM - S

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CANAL INVENTORY

Users share responsibility for maintaining the system

CANAL ID.	FROM	TO	CITY	ROW PROBLEMS	ACCESS PROBLEMS	EASMENT PROBLEMS	ACCESS	ROW	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN ID	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
13-154	13-152	13-156		X	X							5250	11						0.60				191		
13-155	Field	13-155		X	X							5250	11						0.60				194		
13-156	Creek Rd	13-158		X	X							6600	11						0.60				194		
13-157	Field	13-152		X	X							5250	11						0.60				191		
13-167	Field	13-149		X	X							6600	11						0.60				194		
14-168	8-168	14-250					X	X			5400	5400	22	15	1.56	3.72			3.72	M/M	L		193		
14-240	Old Ranch Rd	14-264					X	X			700	700	22	10	0.16	0.32			0.32	M/M	H		620		
14-241	Old Ranch Rd	14-264					X	X			700	700	22	12.5	0.30	0.40			0.40	M/M	H		620		
14-242	Country Rd	14-263					X	X			571	571	22	16	0.37	0.42			0.42	M/M	H		620	11-96	93
14-243	Country Rd	14-263					X	X			800	800	22	15.5	0.30	0.61			0.61	M/M	H		610	12-96	94
14-245	Old Ranch Rd	Myakka Valley Trail					X	X			2800	2800	22	10	0.64	1.28			1.28	M/M	A	X	610	9-99	7-8-98
14-246	14-261	Simpson Rd					X	X			1010	1010	22	15	0.45	0.70			0.70	M/M	H		610	11-96	93
14-247	Myakka Valley Tr	14-260					X	X			640	640	22	8	0.12	0.24			0.24	M/M	H		609	10-94	10-1-96
14-248	14-260	Myakka Valley Trail					X	X			458	458	22	7	0.07	0.15			0.15	M/M	H		594		
14-249	14-260	Myakka Valley Tr Field					X	X			530	530	22	8	0.10	0.19			0.19	M/M	H		591		
14-250	Rocking Horse Ln	Field					X	X			1068	1068	22	13	0.32	0.64			0.64	M/M	H		596		
14-251	Vanderipe Rd	14-160					X	X			201	201	22	7	0.03	0.06			0.06	M/M	H		591	10-98	10-1-96
14-252	Vanderipe Rd	14-160					X	X			170	170	22	9	0.04	0.07			0.07	M/M	H		591	10-98	10-1-96
14-253	14-160	Rocking Horse Ln					X	X			419	419	22	7	0.07	0.13			0.13	M/M	H		591		
14-257	14-257	Field					X	X			9000	9000	22						0.00				586		
14-258	14-257	Field		X			X				2500	2500	22						0.00				580		
14-260	Vanderipe Rd	Lake Myakka					X	X			10560	10560	22	35	8.28	16.97			16.97	M/M	C		597		
14-260	Old Ranch Rd	Vanderipe Rd									5070	5070	22	5	0.58	1.15	15	2.88	1.23	M/M	Q		592		
14-261	14-260	14-190					X	X			4500	4500	22	12	1.24	2.48			2.48	M/M	B		597	10-98	10-1-96
14-262	Vanderipe Rd	Howard Creek					X	X			158	158	22	20	0.07	0.24			0.24	M/M	B		608	10-93	10-1-96
14-263	Kickapoo Rd.	14-264					X	X			5500	5500	22	14	1.77	3.54			3.54	M/M	B		510		
14-267	14-264	Prairie Junction Tr					X	X			2700	2700	22	10	0.62	1.24			1.24	M/M	B		515	11-96	94
14-267	Wyandotte Rd	Prairie Junction Tr									2511	2511	22	8	0.45	0.97	23	1.33	2.35	M/M	Q		615		
14-268	Old Ranch Rd	14-267					X	X			925	925	22	7	0.13	0.27			0.27	M/M	H		610		
14-268	Old Ranch Rd	14-267									673	673	22	3	0.04	0.09	14	0.29	0.29	M/M	Q		610		
14-269	14-267	Old Ranch Rd					X	X			654	654	22	11	0.17	0.33			0.33	M/M	H		615		
14-270	Myakka Valley Tr	14-263					X	X			3900	3900	22	9	0.51	1.61			1.61	M/M	H		619		

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M/M = MENZ MOWING
H/C = HAND CLEARING
M/M = CONTRACT MOWING
C/MC = COMB MOWING CREW
SM = S

B = EVERY TWO YEARS
C = EVERY THREE YEARS
Q = QUARTERLY
M = MONTHLY

CANAL INVENTORY

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CANAL ID	FROM	TO	CITY	ROW PROBLEMS ACCESS PROBLEMS EASMT PROBLEMS	ACCESS	ROW	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN ID	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
14-270	Singletree Rd	Myakka Valley Tr.							7896	22	6	0.40	0.80			0.53	1.31	CMC	Q		529		
14-271	14-160	Myakka Valley Tr.			X	X			1000	1000	22	11	0.25	0.51			0.51	M/M	B		594		
14-274	Old Ranch Rd.	Myakka Valley Tr.			X	X			353	353	22	10	0.08	0.16			0.16	M/M	B		595		
14-275	Vandrop Rd	14-160			X	X			325	325	22	8.5	0.06	0.13			0.13	M/M	B		591		
14-276	Vandrop Rd	Houmad Cr. 14-160							325	22	5	0.04	0.07		15	0.13	0.21	CMC	Q		591		
14-276	Myakka Valley Tr.	Field			X	X			3100	3100	22	6.5	0.46	0.93			0.93	M/M	B		591		
14-277	Myakka Valley Tr.	Field			X	X			2200	2200	22	17	0.61	1.21			1.21	M/M	B		591		
14-278	14-160	Rocking Horse Ln			X	X			1200	1200	22	6	0.13	0.24			0.24	M/M	B		591		
14-278	14-160	Rocking Horse Ln							1200	22	5	0.14	0.28		8	0.21	0.51	CMC	Q		591		
14-279	Vandrop Rd	14-261			X	X			940	940	22	10.5	0.23	0.45			0.45	M/M	B		591	10/98	10/1/98
14-280	14-168	14-160			X	X			2400	2400	22	10	0.55	1.10			1.10	M/M	C		594		
14-280	14-168	Myakka Valley Tr.							2400	22	6	0.33	0.66		8	0.40	1.06	CMC	Q		594		
14-281	Myakka Valley Tr	14-261 Naddle Tr							1550	1550	21	5	0.18	0.36			0.36	HC	B		1491	10/98	10/1/98
15-245	15-245	Myakka Valley Tr.		X	X				2500	22							0.00				299		
15-245	Myakka Valley Tr	Myakka River State Park		X	X				6740	22							0.00				514		
15-246	15-245	Wetwood Dr		X	X				2650	22							0.00				515		
16-201	Freymore St.	MacKenzie Dr.		X	X				1400	10							0.00				142		
16-206	11-206	South Crk.							15340	11							0.00				151		
16-207	16-206	16-206							2000	11							0.00				151		
16-208	16-208	Field		X	X				5290	10							0.00				151		
16-269	01	Little Sarasota Bay			X				1500	1500	11	10	0.24	0.68			1.02	HC	A	X	147	4/90	
16-270A	Washington St	16-269		X	X				390	390	10	11	0.04	0.08			0.09	HC	B		143		
16-270B	Washington St	Glenwood Av		X	X				792	792	10	38	0.01	0.02			0.02	SM/HC	B		142		
16-271	South Creek	Rubens Dr			X	X			600	600	11	19	0.26	0.52			0.52	HC	A	X	156	5/00	4/27/99
16-272	Bay Rd	1900 To The South			X	X			1000	1000	11	5	0.06	0.13			0.19				151		
17-271	Rubens Dr	17-271 Degan Dr.			X	X			5280	5280	11	18	2.30	4.61			4.61	HC	A	X	160	5/00	5/11/99
17-273	South Tamiami Tr.	Haystack Pkwy			X	X			500	500	17	9.5	0.11	0.22			0.22	HC	A	X	160	10/00	12/7/99
17-274	South Tamiami Tr.	Elia Venci Dr			X	X			3000	3500	11	15	1.13	2.27			2.27	HC	A	X	160	5/00	5/4/99
17-274A	Monet Dr	Monet Dr.			X	X			525	525	11	6.5	0.09	0.18			0.25	HC	A	X	160	10/00	12/23/99
17-275	Palm Av. So. Tamiami Trail	Lake Shore Dr		X	X	X			500	2150	11	6	0.16	0.33			0.49				161		
17-276	Haystack Dr.	Cavalini Dr.			X	X			1500	1500	17	16	0.55	1.10			1.10	HC	A	X	165	5/00	5/11/99
17-277	Village Dr Tamiami Tr	Spanish Lakes MHP		X	X				2000	13							0.00				165		

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M/M = MENSZ MOVING
HC = HAND CLEARING
MW = CONTRACT MOVING
CMC = COUNTY MOVING CONTRACT
SM = S

1. “အမှတ်အသား”နှင့် “အမှတ်အသား”

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* = SLOPE WIDTH FOR ONE SLOPE
PFC = PAVEMENT CHALK
MM = MENSURING
HC = HAND CLEARING
VM = CONTRACT MOWING
CMC = COUNTY MOWING CREW
SM = \$ C

B = EVERY TWO YEARS
C = EVERY THREE YEARS
C = CLARIFY
M = MONTHLY

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CANAL INVENTORY

CANAL I.D.	FROM	TO	CITY	R/W PROBLEMS ACCESS PROBLEMS EASMENT PROBLEMS	ACCESS	R/W	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN I.D	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE	
20-294	21-294	Field						1		5280	22						0.00							
21-295	Myakka River	Field						1		25000	22						5.00							
22-296	S.R. 72	21-296						1		28000	22						0.00							
22-298	S.R. 72	21-298						1		5600	23						0.00							
22-299	21-299	Field						1		5200	23						0.00							
22-300	Field	22-298						1		4000	23						0.00							
22-301	Field	22-298						1		2400	24						0.00							
22-302	S.R. 72	22-299						1		2100	24						0.00							
22-303	Manatee County Line	S.R. 72						1		5200	24						0.00							
22-304	24-304	23-304						1		6600	24						0.00							
23-294	23-294	23-296						1		6600	22						0.00							
23-296	22-296	21-296						1		11500	23						0.00							
23-298	22-298	23-304						1		6600	24						0.00							
23-304	24-304	Myakka River						1		18400	24						0.00							
23-305								1		5200	24						0.00							
23-306								1		6600	24						0.00							
23-307								1		10500	24						0.00							
23-308								1		1000	24						0.00							
23-309								1		5200	24						0.00							
23-310								1		5200	24						0.00							
23-311								1		10500	24						0.00							
23-312								1		3500	24						0.00							
23-313								1		3000	24						0.00							
24-303	S.R. 72	24-304						1		3000	24						0.00							
24-304	Manatee County Line	22-304						1		10500	24						0.00							
24-305	22-305	S.R. 72						1		31600	24						0.00							
24-314	S.R. 72	24-314						1		7500	24						0.00							
24-315	S.R. 72	24-314						1		7020	24						0.00							
24-316	South of S.R. 72	24-305						1		7000	24						0.00							
25-317	Field	25-312						1		10500	24						0.00							
25-318	Field	25-317						1		2000	24						0.00							
25-319	Field	25-312						1		5200	24						0.00							

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C/MC = COMMUNITY MOWING CREW
S/M = S...

E = EVERY TWO YEARS
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CANAL INVENTORY

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CANAL I.D.	FROM	TO	CITY	ROW PROBLEMS	ACCESS PROBLEMS	EASEMENT PROBLEMS	ACCESS	ROW	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN I.D	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	TOW WIDTH (FT)	TAW ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
25-320	25-319	Field										3060	24						0.00						
25-321	Field	25-321										5250	24						0.00						
25-322	Desoto County	25-323										15940	24						0.00						
25-323	Field	25-322										3920	24						0.00						
25-324	Field	25-322										5250	24						0.00						
26-325A	Bayview Pkwy	Lynn's Bay Rd			X	X					6600	6600	27	10	1.52	3.00		3.00	H.C.	A	X	172	5/90	4/27/99	
26-325B	Lynn's Bay Rd	Rattlesnake Island Park				X	X				222	222	27	8	0.02	0.04		0.04	SM P.C.	A		173			
26-325C	Colonia Ln	West of South Tamiami Tr				X	X				175	175	27	4	0.02	0.00		0.00	J.C.	A	X	405	12/90	1-5/98	
26-326	Poinsettia Dr	Golden Sands Beach			X		X				2000	2000	27	19.5	1.25	2.51		2.51	J.C.	A	X	177	12/98	2/20/98	
26-327	Gulf of Mexico	Hacker Dr			X	X					1200	1200	27	25.5	0.70	1.40		1.40	J.C.	A	X	178	12/98	12/28/98	
27-328V	Nippon Tr	Curry Creek			X	X					150	150	14	8.5	0.02	0.04		0.04	H.C.	A	X	405	12/98	1-5/98	
27-327	27-327A	Venue Airport			X	X					4000	4000	27	32	2.94	5.88		5.88	J.C.	A	X	430	6/00	8/20/99	
27-327A	Harbor Dr.	Nokum Ave			X	X					2500	2500	27	25	1.41	3.21		3.21	J.C.	A	X	430	6/00	8/13/99	
27-328	Blackburn Canal	North to Field		X							1000	1000	15					0.00							
27-330	Blackburn Canal				X	X	X				875	21120	22					0.00	M.M.	C		501	4/02	4/22/98	
27-331	Blackburn Canal	Lucaya Ave.				X		X				1500	14					0.00					409		
27-332	South Tamiami Tr.	27-332A			X	X					3500	3500	14	25	1.03	2.56		2.56	H.C.	A	X	409	9/00		
27-332	South Tamiami Tr	Clabon Ave									2000		14	24	1.10	2.80		2.80	P.C.	B		409	7/99	1-5/98	
27-332A	27-332	South Tamiami Tr			X	X					400	800	15	25	0.46	0.92		0.92	H.C.	A	X	407	8/00		
27-333	Vine Ave	Lucaya Ave.			X	X					5250	5250	14	32	2.67	5.33		5.33	P.C.	C		408	7/02	1/21/98	
27-334	Karee Dr	Ridgewood Ave			X	X					1000	1000	14					0.00					409		
27-335	North Grove St	Venue Ave.			X	X					1000	1000	14	32.5	2.46	4.92		4.92	P.C.			410			
27-336	South Tamiami Tr	Venue Ave.									1000		14	15	1.14	2.27	14	1.90	3.32	SM	Q		410		
27-336	Venue Ave. 27-336	27-336		X		X					4000	15940	15	21.5	2.07	4.74		4.74	J.C.	A	X	410	2/00	1-5/99	
27-337	Gulf Coast Bv 27-336	South Tamiami Tr			X	X					5250	5250	15	21.5	2.61	5.21		5.21	SM	B		429			
27-337	South Tamiami Tr	Costa Dr									3000		15	20	1.06	2.75	22	2.82	4.27	CMC	Q		427		
27-337	South Tamiami Tr	27-337				X	X				3000		15	20	1.18	2.75		2.75	J.C.	A	X	427	5/00	1-11/99	
27-338	Cervina Dr South	Cervina Dr South			X							2200	15					0.00					427		
27-339	Venue Av Dp 27-32	27-339 Pinelawn B W			X		X				2500	2500	15	10	0.57	1.13		1.13	J.C.	A	X	429	5/00	1-5/99	
27-340	Center Rd	27-336			X							3400	15					0.00					426		
27-341	27-336	Venue Ave.			X	X					2000	2000	15	25.5	1.24	2.48		2.48	SM	B		424			
27-342	Blackburn Canal	Edmundson Rd.			X	X						3500	15										404		

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SM = S

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CANAL INVENTORY

CANAL I.D.	FROM	TO	CITY	ROW PROBLEMS	ACCESS PROBLEMS	EASEMENT PROBLEMS	ACCESS	R/W	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN I.D.	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
27-343	Karen Dr.	Blackburn Canal					X	X				3200	15						0.50				228		
27-344	I-75	Border Rd.					X	X			1400	1400	14	15.5	0.50		1.00		1.00	M/M	H		327		
27-345	Auburn Rd	I-75 Clemons Rd					X	X			2000	2000	14	25	1.15		2.40		2.40	M/M	H		327		
27-346	Blackburn Canal	Venice Av. Tellmire Rd S.			X		X				11950	11950	14	32	8.73		17.45		17.45	M/M	H		416		
27-346	Jacaranda Dr.	Venice Av. Tellmire Rd S.									965		14	3	0.18		0.35	0.30	0.35	C/MC	Q		416		
27-346	Jacaranda Dr.	Auburn Rd.									4600	4600	14	12	1.27		2.52	20	2.52	H/C	A	X	413	3.00	
27-346	Auburn Rd.	27-336 Blackburn Canal									2400		14	22	1.21		2.42	14	0.77	C/MC	Q		412		
27-347	27-346 Fuchse Ln	North of Heritage Rv					X		X		1100	1100	14	10	0.25		0.51	14	0.35	C/MC	Q		413		
27-347	Heritage Rv.	Fence Line					X	X			1100		14	10	0.25		0.51		0.51	H/C	A	X	413	3.00	1-21-99
27-347A	Underwood Cr	27-347					X		X		375	500	14	11.5	0.19		0.20		0.20	H/C	A	X	413	1.00	1-27-99
27-347A	Underwood Cr	27-347									500		14	10	0.1		0.21	12	0.14	C/MC	Q		413		
27-347B	27-346	Thoreau Cr					X		X		600	1400	14	13	0.15		0.36		0.36	H/C	A	X	400	1.00	1-21-99
27-347B	27-346	Underwood Cr Thoreau Cr									1400		14	10	0.13		0.66	14	0.40	C/MC	Q		413		
27-347C	27-346	Northwood Ln					X		X		550	550	14	6	0.06		0.13		0.13	H/C	A	X	413	1.00	1-27-99
27-347D	27-347B	Lake I-75					X		X		1200	1200	14	30.5	0.29		0.58		0.58	H/C	A	X	413	2.00	2-22-99
27-347E	Southway Dr	Greenfield Dr					X		X		200	200	14	34.5	0.62		0.13		0.13	H/C	A	X	400	2.00	1-22-99
27-347F	Grifford Dr.	27-347D - 27-347F					X		X		1000	1000	14	8.5	0.20		0.39		0.39	H/C	A	X	400	2.00	2-22-99
27-348	I-75	Border Rd					X	X				4600	14						0.90				387		
27-349	Jacaranda Dr.	Business Rd					X	X			5280	5280	14	19.5	2.46		4.73		4.73	M/M	C		413		
27-350	Blackburn Canal	27-349 Tellmire Rd. R.W					X	X			4000	4000	14	25	2.00		4.50		4.50	M/M	C		213		
27-351	Tellmire Rd. R.W	Havana Rd					X	X				7200	14						0.90				417		
27-352	Hanchey Rd	Border Rd.					X	X			2700	2700	14	25	1.26		2.53		2.53	M/M	R		387		
27-353	Havana Rd	Border Rd					X	X			2790	2790	22	19	1.22		2.83		2.83	H/C	A	X	402	4.00	
27-353	Frederick Dr	Border Rd									2790		22	12	0.77		1.54	15	0.96	C/MC	Q		397		
27-354	27-353 Havana Rd	27-353 Lee Rd					X	X			5280	5280	22	17.5	2.12		4.24		4.24	M/M	C		395		
27-355	Border Rd. 27-354	I-75					X	X			3200	3200	22	16.5	1.21		2.42		2.42	M/M	C		395		
27-356	I-75 Lee Rd	27-358					X	X			5600	5600	22	16.5	2.20		4.40		4.40	M/M	C		395		
27-357	Rush St - 27-358	Venice Av					X	X				2000	22						0.60				419		
27-358	Havana Rd - 27-357	29-358 - 27-359A					X				5280	5280	22	18.5	2.24		4.48		4.48	M/M	C		753		
27-358A	27-358	Key Stone Rd					X	X			3900	3900	22	17.5	1.57		3.13		3.13	M/M	C		419		
27-359	27-356 Greenfield Av.	S. Tammam Tr. Off Contract					X	X			4545	4545	15	16.5	1.72		3.44		3.44				427		
27-359	27-356 Greenfield Av	S. Tammam Tr. Live Oak St.									4545		15	10	1.03		2.09	14	3.55	C/MC	Q		427		

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CANAL INVENTORY

1 Use of share-work-updates/updates/updates

CANAL I.D.	FROM	TO	CITY	ROW PROBLEMS ACCESS PROBLEMS EASMENT PROBLEMS	ACCESS	ROW	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN LB SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
28-349	Center Rd	Old Oak Rd			X		X		500	500	15	15	0.17	0.34		0.34	P/C	1		435	6-03	5-0-99
28-359	Venice Airport	Intracoastal Waterway Removed			X			1		500	27					0.00				433		
28-360	Venice Airport	Intracoastal Waterway Removed			X			1		500	27					0.00				434		
28-361	Venice Airport	Intracoastal Waterway Removed			X			1		2700	27					0.00				433		
28-362	Venice Airport	Venice Airport Removed			X			1		1200	27					0.00				434		
28-363	Teleford Dr	Intracoastal 40H Contract			X		X		1400	1400	27	18.5	0.23	1.06		1.06				451		
28-365	Alligator Creek	Shamrock Dr			X		X		10560	10560	16	29	7.95	14.06		14.06				450		
28-366	Barfin Dr	Siesta Dr.							2530	16	15	0.87	1.74		1.39	3.14	CMC	Q		452		
28-365	Quincy Rd	Seminole Dr							2530	16	10	0.25	1.15	24	1.77	2.36	CMC	Q		451		
28-365	Ballin Ave	Quincy to Seminole			X	X			3080	16	15	1.74	3.48			3.48	ILC	A	X	451	4-90	1-15-99
28-365A	Winters Rd	German Rd			X		X		1200	1200	16	15.5	0.37	0.74		0.74	ILC	A	X	434	6-00	8-0-99
28-365B	Darbar Rd	28-365			X		X		100	100	16	6	0.02	0.02		0.05	P/C	A		434	1-00	
28-366	Siesta Dr.	Sterling Rd			X		X		1200	1200	16	13	0.16	0.72		0.72	ILC	A	X	451	6-00	8-3-99
28-367	German Rd	28-365 Thruway Rd.			X		X		1400	1400	16	9	0.79	0.58		0.58	ILC	A	X	434	8-00	8-3-99
28-368	Balsara Rd	Alligator Creek			X		X		4000	4000	16	12	1.19	2.20		2.20	ILC	A	X	449	6-00	8-3-99
28-369	Banyan Dr.	Jacaranda Shopping Center			X		X		700	700	15	21	0.14	0.29		0.39	ILC	A	X	433	7-00	9-10-99
28-370	Banyan Dr	Old Oak Rd			X		X		1100	1100	15	5.5	0.16	0.31		0.31	P/C	H		433	2-99	3-17-97
28-370A	Hillview Rd	Gardens Rd			X		X		300	300	15	7.5	0.05	0.10		0.10	ILC	A	X	433	7-00	9-10-99
28-371	Quinta Rd	Muligan Rd			X		X		5250	5250	16	16.5	2.90	4.00		4.00	ILC	A	X	434	7-00	9-10-99
28-372	Alligator Creek	Briarwood Rd			X		X		3900	4000	16	20.5	2.64	5.29		5.29	ILC	A	X	438	4-00	
28-372	Alligator Creek	Briarwood Rd							4050		16	18	1.65	5.31	24	5.47	CMC	Q		435		
28-375	28-350 Dorchester Dr.	South Tamiami Trail			X		X		2509	9279	16	13	0.75	1.30	15	6.99	2.36	CMC	Q	435		
28-375	28-350 Dorchester Dr	E 28-60							360		16	10	0.70	0.39	15	6.70	0.69	CMC	Q	447		
28-375	28-350A Whippoorwill	Sarasota Div. Bridge							5920		16	12	1.56	5.26	15	2.04	5.29	CMC	Q	447		
28-380	Center Rd.	28-390 Dorchester Dr.		X	X			1		6600	16					0.00				447		
28-381	28-380 Center Rd	28-382 Rockley Bv.		X	X			1		5250	16					0.00				447		
28-381	28-380 Paddington St.	28-385 Dorchester Dr.			X		X		4700	4700	16	24	2.69	5.15		5.15	ILC	A	X	446	5-00	3-25-99
28-383	28-380 Dorchester Dr	28-389 Paddington St							3145		16	14	1.01	2.02	12	6.57	2.89	CMC	Q	446		
28-385	South Tamiami Trail	28-385A Sunnyside Dr			X		X		2730	2730	16	12	0.75	1.52		1.53	ILC	A	X	446	5-00	1-21-99
28-385	South Tamiami Trail	Parkview Dr							2730		16	15	0.95	1.92	24	1.46	3.37	CMC	Q	446		
28-385A	Sunnyside Dr 28-385	28-375 Whippoorwill Dr.			X		X		3500	5100	16	18	1.61	3.22		5.22	ILC	A	X	447	5-00	1-21-99
28-385A	Sunnyside Dr 28-385	28-375 Whippoorwill Dr							3900		16	12	1.07	2.15	20	1.39	5.64	CMC	Q	447		

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MW = CONTRACT MOWING
CMC = COUNTY MOWING CREW
SM = S

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CANAL INVENTORY

Revised 10/18/00 excluding bottomlands only.xls

CANAL I.D.	FROM	TO	CITY	ROW PROBLEMS ACCESS PROBLEMS EASMT PROBLEMS	ACCESS	R/W	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN I.D.	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE	
28-385C	28-385A Dorchester Dr.	28-386 - Parkview Dr.			X		X		2900	2900	16	14	0.93	1.86			1.86	P.C.	B		417	6/99	6/4/97	
28-385B	28-385A Gulf Breeze Dr.	28-385A - Sunnyside Dr.			X		X		2900	2900	16	15.5	0.85	1.71			1.71	P.C.	B		446	6/99	5/7/97	
28-386	28-385A Parkview Dr.	Venice East Dr.			X		X		590	590	16	14	0.16	0.32			0.32	P.C.	B		446			
28-387	28-385 Gulf Blvd. E	Gulf Course			X		X		670	670	16	12	0.41	0.82			0.82	H.C.	A	X	446	3/98	3/22/99	
28-388	Venice Dr.	28-293 Algiers Dr.			X		X		1700	1700	16	16	0.45	0.91			0.91	P.C.	B		446	4/99	4/6/99	
28-389	South Tamiami Trail	28-393 Paddington St.			X		X		2700	2700	16	30	1.86	3.72			3.72	H.C.	A	X	446	6/98		
28-389	South Tamiami Trail	28-393 Paddington St.							2700		16	20	1.01	2.02	20	1.51	3.03	CMC	Q		446			
28-390	South Tamiami Tr.	Woodmore Park Dr.			X		X		2750	2750	16	12	0.59	1.18			1.18	H.C.	A	X	448	9/00		
28-390	Woodmore Park Dr.	South Tamiami Trail							1700		16	6	0.75	0.10	11	0.38	0.61	CMC	Q		448			
28-391	Palmetto Rd	Alligator Cr. Pipeline			X	X			4000	4000	16	23	2.11	4.22			4.22					459		
28-392	28-393 Eaglewood Rd	Lemon Bay-Lemon Bay Dr.			X	X			5200	5200	17	35	4.25	8.45			8.45	H.C.	A	X	461	4/00	5/4/99	
28-393	Field	Eaglewood Rd. Donsi Area			X	X			2700	2700	16	17	1.05	2.11			2.11	H.C.	A	X	461	6/00	1/27/99	
28-393	Field	Eaglewood Rd.							2700		16	17	0.74	1.49	14	0.87	2.16	CMC	Q		461			
28-394	Creekswood Dr.	Hunglass Dr.			X		X		625	625	16	15.5	0.77	0.44			0.44	H.C.	A	X	461	7/00	9/15/99	
28-395	Red Lake (Removed)	Hunter Dr. Venice Airport			X					1400	27						0.09				453			
28-396	28-375 Alligator Cr.	Battin Dr.			X		X		1100	1100	16	10	0.25	0.51			0.51	H.C.	A	X	449	7/99	9/16/99	
28-396A	Palmer Rd	Edger Rd Geneva Rd			X		X		1100	1100	16	6.5	0.16	0.31			0.31	H.C.	A	X	449	7/00	9/10/99	
28-396A	28-375 Alligator Cr.	Laplow Rd.			X		X		1000	1000	16	10	0.33	0.46			0.46	H.C.	A	X	449	7/00	9/10/99	
28-397	Pumpkin Dr	1-28-373R			X		X		500	500	16	3	0.09	0.18			0.18	H.C.	A	X	436	8/00	12/14/99	
28-397	Pumpkin Dr	1-28-373R							500		16	10	0.13	0.27	15	0.29	0.43	CMC	Q		436			
29-296	1-15 Deer Prairie Cr.	Myakka River		X	X					19890	22						0.60							
29-298	River Rd. West	29-359A - 29-358		X	X					4060	22						0.09							
29-296	Boulder Rd. 29-357	Field		X	X					1690	22						0.06							
29-397	29-396 Boulder Rd	South Moon Dr		X	X	X				1500	22						0.06							
29-398	Myakka River	South Moon Dr		X	X					1200	22						0.00							
29-399	Myakka River	Field		X	X					6600	22						0.60							
29-399A	Dixon Rd. Myakka R	Dixon Rd. Myakka River		X	X					3000	12						0.06							
29-400	1-75 Myakka	Myakka River								2500	12						0.00							
29-401	29-400 Myakka River	Field								1000	12						0.00							
29-402	29-400 Myakka River	Field								500	12						0.00							
29-403	29-400 Myakka River	Field		X	X					4500	12						0.60							
29-404	North of 1-75	South to 29-403 - 29-404		X	X					5280	12						0.00							

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SM = S

B = EVERY TWO YEARS
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Florida Department of Transportation

CANAL INVENTORY

CANAL ID	FROM	TO	CITY	ROW PROBLEMS	ACCESS PROBLEMS	EASEMENT PROBLEMS	ACCESS	R/W	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN ID	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
29-405	1-75	South 29-404		X	X							790	21						0.00						
29-406	Myakka River	North River Rd		X	X							0.90	21						0.00						
29-407	29-356	Field		X	X							4000	22						0.00						
29-408	Myakka River	North River Rd		X	X							0.70	21						0.00						
29-409	North River Rd	Center Rd		X			X					1.70	21						0.00						
29-410	Myakka River	1-75		X	X							10.60	22						0.00						
29-411	Myakka River	South River Rd / Center Rd		X			X					3.20	22						0.00						
29-412	Myakka River	Field		X	X							1.60	22						0.00						
29-413	Myakka River	South 1-75 to field		X	X							14.70	22						0.00						
29-414	Field	Deer Prairie Slough 29-296		X	X							6.60	23						0.00						
29-415	Field	Deer Prairie Slough 29-296		X	X							0.20	23						0.00						
30-100	Heetwood St	Blackham Bv.					X	X			19.50	19.50	22	12	0.34		1.07		1.07	31 C	A	X	791	8-99	8-17-98
30-100A	Marlette Dr.	0-165					X	X			6.00	6.00	22	7.5	0.10		0.21		0.21	31 C	A	X	791	8-99	8-17-98
30-163	South Tamiami Tr	CH 90-163						X			17.42	32.00	22	17	0.70		1.35		1.35	PR	A		791	8-99	9-1-98
30-181	South River Rd	East power lines S Center Rd		X			X					30.60	22						0.00						
30-413	Myakka River	East to 29-415		X	X							5.20	22						0.00						
30-417	East of North River Rd.	Myakka River										0.00	22						0.00						
30-419	West of North River Rd	30-381 W of North River Rd		X			X					4.00	22						0.00						
30-419	South of S. Tamiami Tr	South of 30-415		X			X					6.60	22						0.00						
30-421	West of South River Rd	South to Pine St. Ext		X			X					0.560	22						0.00						
30-422	30-421 S of N. River Rd	South of S. Tamiami Trail		X			X					20.90	20						0.00						
30-423	South of 30-422	South of S. Tamiami Trail		X	X	X						1.80	22						0.00						
30-424	Pine St. Ext 30-421	Take on Taylor Ranch										3.00	22						0.00						
30-425	Myakka River	North River Rd		X			X					1.20	22						0.00						
30-426	South River Rd.	South Tamiami Trail		X			X					0.50	22						0.00						
30-427	Myakka River	North River Rd		X			X					0.00	22						0.00						
30-428	South River Rd	South Tamiami Trail		X			X					2.60	22						0.00						
30-429	Myakka River	South Tamiami Trail										0.00	22						0.00						
30-430	South River Rd	South Tamiami Trail										1.50	22						0.00						
30-431	Myakka River	S. Tamiami Tr. N. River Rd					X	X				2.70	22						0.00						
30-432	Myakka River Ch 50-153	Myakka Dr					X		X			1.70	22						0.00						
30-433	29-296 Deer Prairie Cr	Myakka River										10.60	22						0.00						

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CANAL INVENTORY

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CANAL I.D.	FROM	TO	CITY	ROW PROBLEMS	ACCESS PROBLEMS	EASEMENT PROBLEMS	ROW	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN I.D.	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	TOW WIDTH (FT)	TOW ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
30-434	Field	29-296 Deer Prairie Tr									5280	25						0.96						
30-435	Field	30-435 Deer Prairie Cr.									6990	25						0.90						
30-436	South Tanager Trail	Myakka River Rd. Ch 30-437									1000	25						0.90						
30-437	Field	South Tanager Trail									5750	25						0.60						
30-438	S. Tanager Tr 30-437	30-438 East Hernandez Rd		X			X	X		14520	14520	25	17	4.00	8.00		5.00	HC	A	X	772	4.00	4/23/99	
30-438	S. Tanager Trail	30-438 East Hernandez Rd								9993		25	8	1.52	3.60	20	4.54	CMU	Q		772			
30-439	De Leon Dr.	De Leon Dr. Ch 30-182		X	X		X				2260	25						0.00				772		
30-440	De Miranda Ave 30-438	Ch 30-182 De Leon Dr		X			X			1500	1500	25	20	0.69	1.38		0.90	HC	A	X	772	4.00	4/23/99	
30-440	De Miranda Ave 30-438	De Leon Dr.								900		25	15	0.41	0.62	15	0.31	CMC	Q		772			
30-441	30-438 De Miranda Ave	Ch 30-182 De Leon Dr		X			X			1200	1200	25	20.5	0.51	1.22		1.77	HC	A	X	772	4.00	4/23/99	
30-441	De Miranda Ave	De Leon Dr.								1630		25	15	0.35	0.71	15	0.35	CMC	Q		772			
30-442	Madrid Ave. 30-443	Ch 30-188 Moleyes St		X			X			2900	4900	25	21.5	2.37	4.74		4.74	HC	A	X	770	11.99	11/10/98	
30-442	Margarita Ave. 30-443	Granada Dr								2830		25	15	0.69	1.38	15	0.69	CMC	Q		769			
30-443	Madrid Ave. 30-442	Mascotte Rd		X			X			1400	1400	25	15.5	0.59	1.00		1.00	HC	A	X	769	11.99	11/23/98	
30-443	Margarita Ave. 30-442	Mascotte Rd.								1400		25	8	0.26	0.51	20	0.64	CMU	Q		769			
30-444	Danville Ave.	30-445 Hernandez Rd		X	X						3990	25						0.90						
30-445	Butler St. 30-444	Field		X	X						5280	25						0.90						
30-446	Ch 30-158	Ch 30-7 Omega Place									4640	25						0.00						
33-321	33-321	33-322									3200	24						0.50						
33-322	Shower Waterway 1-75	25-332									18480	24						0.90						
33-446	Field	33-322									6600	24						0.60						
35-171	Overbrook Rd. Neptune	Bodge St. Forked Cr.		X			X			2700	2700	18	7	0.42	0.57		0.57	HC	A	X	487	6.00	1/29/99	
35-171A	Forked Cr.	Bayshore Dr		X			X			500	500	27	6.5	0.07	0.15		0.15	P.C	B		487			
35-171B	Inter-natal Waterway	Key-way Rd / Bayshore Dr.		X			X			350	350	27	5.5	0.04	0.09		0.09	P.C	B		488			
35-437	Whispering Pine Cr.	N. Elm Cr. Dr. 35-438		X	X						1090	18						0.00						
35-448	Lany St. North	Lundy Sekind 1192 Semeca Rd		X	X					2525	6600	17	1.5	0.25	1.51		1.51	HC	A	X	473	6.00	2/2/99	
35-448A	Brown Rd	35-448 Colonial Rd		X			X			950	950	17	3.5	0.19	0.37		0.37	SM P.C	B		472			
35-448B	West of Brown Rd	35-448		X			X			700	700	17	5.5	0.01	0.03		0.03	SM P.C	B		472			
35-449	35-448 Overbrook Rd	S.R. 756 - Eaglewood Rd		X	X					1360	1360	17	17	1.29	2.58		2.58	HC	A	X	473	7.00	1/29/99	
35-449	35-448 Overbrook Rd	S.R. 756 - Eaglewood Rd								1130		17	6	0.18	0.37	13	0.52	CMU	Q		473			
35-450	Roosevelt Dr. Monroe	South to Lake									1200	17						0.00						
35-451	Manasota Beach Rd	Ch 35-173 Overbrook Rd		X	X	X					6600	18						0.00						

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M.W = CONTRACT MOWING
C.M.C = COUNTY MOWING CREW
S.M = 5

P = EVERY TWO YEARS
C = EVERY THREE YEARS
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CANAL INVENTORY

* user:shariff@ecboplin.com;rev:01/01/01

CANAL I.D.	FROM	TO	CITY	ROW PROBLEMS	ACCESS PROBLEMS	EASEMENT PROBLEMS	ACCESS	ROW	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN I.D	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION	PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE	
35-452	Field	S.R. 776 - Englewood Rd		X	X	X						2400	18						0.00								
35-452A	Pierce Rd.	Manawata Beach Rd					X	X			1200	1200	18		0.12	0.25	20	0.50	0.57	C/M	Q						
35-452A	Pierce Rd	Manawata Beach Rd					X	X			1200		18		0.12	0.25			0.45	P/C	A					12/06/97	
35-453	S.R. 776	35-454 Gulf Piers Mem. Pk		X	X	X				1		2000	18						0.00								
35-454	S.R. 776	35-453 Gulf Piers Mem. Pk		X	X	X				1		2000	18						0.00								
35-456A	Englewood Lakes Pkwy	Ch 35-174					X	X				1750	18	12	0.24	0.48			0.22	P/C	A					4/90	2/7/98
35-456	Forked U.S. L. of 776	Englewood Lake Sale of 776								1		1200	18						0.00								
35-457	S Brook Dr N Brook Dr	Lemon Bay Shop Center		X			X			1		1200	18						0.00								
35-458	S.R. 776 N. Brook Dr	Gow's North to Field		X			X			1		30500	18						0.00								
35-458A	Intracoastal Overbrook	Keyway Rd - Bayshore Hts.					X		X		345	345	18	9	0.07	0.14	24	0.11	0.25	C/M	Q			445			
35-459	Dominica Dr	North to Forked Ck		X	X	X						2500	18						0.60						455		
35-460	36-460 Buchanan Airport	Ch 35-174 - Buchanan Airport					X	X			1575	1575	18	15	0.54	1.08	20	0.72	1.81	C/M	Q			455			
35-460	Buchanan Airport	Ch 35-174									1575		18	20.5	0.74	1.45			1.47	H/C	A	X	486		3/00	1/27/99	
35-461	Manawata Beach Rd	Gate St					X	X			3400	3400	17	11.5	0.90	1.80			1.20	H/C	A	X	475		8/99	8/17/98	
36-460	Old Englewood Rd	35-460 Buchanan Airport					X	X			5400	5400	18	20.5	1.60	3.20			3.20	H/C	A	X	486		12/00	1/17/00	
36-460	Old Englewood Rd	35-460 Buchanan Airport									1575		18	15	0.54	1.08	20	0.72	1.81	C/M	Q			455			
36-461	Perry Ln N. Indiana Av	E. of 776 to Tangerine Woods		X	X	X					1080	1080	19	8	0.31	0.62	15	0.58	1.26	C/M	Q			463			
36-462	Womansouth McCall Rd	36-46 New York Av					X		X		210	210	19	12.5	0.68	0.12			0.12	H/C	A	X	497		8/99	8/11/98	
36-463	Perry St	Meriden Elm School & Pk					X	X			792	792	19	14	0.24	0.47			0.47	H/C	A	X	497		8/99	8/18/98	
36-464	North Indiana Av	Englewood Fishery Alley St					X	X	X		900	900	19	7.5	0.15	0.31			0.31	D/H	SM P/C	R		497			
37-421	30-421 Pine St Ext	In Pine St Ext										1000	16						0.00								
37-424	Lake in Taylor Ranch	35-463										31120	19						0.00								
37-458	35-458	Pine St Ext										4800	19						0.00								
38-424	35-464	Pine St Ext										5250	19						0.00								
38-460	Quails Run Bv.	Gottfried Creek		X	X						1130	1130	19	13	0.34	0.67	15	0.39	1.06	C/M	Q			541			
38-461	Perry St	Dearborn St.					X	X			525	525	19	19	0.23	0.46			0.46						551		
38-463	35-424	South River Rd.										7920	22						0.00						551		
38-464	Tangerine Woods Bv.	Blue Springs Ct. Ch 35-186		X	X	X					6500	6500	19						0.00	P/C	A			551		5/00	5/4/99
38-465	Dearborn St.	Ch 35-185 In Pine St Ext		X			X					4605	19						0.00					552			
38-465	Shadford Rd	Dearborn St.					X	X			675	675	19	14	0.23	0.43			0.43	H/C	A	X	552		8/00	12/8/99	
38-466	35-467 Bayview Rd	Charlotte County Line		X	X					1		7920	20						0.00								
38-466A	35-466	Field		X			X					1000	20						0.00								

* = SLOPE WIDTH FOR ONE SLOPE
P/C = P-RISON CREW
M/M = MENZI MOWING
H/C = HAND CLEARING
M/W = CONTRACT MOWING
C/M = COMMUNITY MOWING CREW
SM = S

H = EVERY TWO YEARS
C = EVERY THREE YEARS
Q = QUARTERLY
M = MONTHLY

CANAL INVENTORY

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CANAL I.D.	FROM	TO	CITY	R/W PROBLEMS	ACCESS PROBLEMS	EASEMENT PROBLEMS	ACCESS	R/W	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN I.D	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	T/W WIDTH (FT)	T/W ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE	
38-467	Field	38-468-Davis Rd		X	X							3400	20						0.60							
38-468	38-468	South Buckskin Dr					X		X			7920	20						0.60							
38-469	Isce Cir.	38-469			X	X						5290	20						0.60							
38-470	Mattingside Dr.	38-471 38-472					X		X			3200	20						0.46							
38-471	Field 38-470	38-472 Field					X		X			1500	10						0.00							
38-472	38-471	Field					X		X			1200	10						0.00							
38-473	South River Rd	38-474			X	X					1100	1000	20	21.5	0.60	0.26			0.26	MM	A	X	847			
38-474	South River Rd.	38-475		X	X						1850	1850	20	8	0.34	0.67	10	0.40	1.09	HIC	A	X	847	2000		
38-475	38-474 Melody Ln	38-476					X		X		2600	2600	20	7.5	0.45	0.90			0.90	MM	C		847			
38-476	38-475	Buckskin Dr					X		X		3000	3000	20	7.5	0.52	1.04			1.04	MM	C		847			
112-21	Friendship Dr	Lake					X		X		600	600	4	8.5	0.12	0.24			0.24	PC	C		250			
112-25	Canal Dr	Lake					X		X		550	550	4	6.5	0.05	0.10			0.10	MM/PC	C		260			
112-28	Lago Way	Lake					X		X		150	150	4	10.5	0.04	0.07			0.07	MM/PC	C		259	2000	12/29	
GRAND TOTALS =											235			706.61	1,413.14	250.05	1,674.08									
BASIN I.D.	NAMES OF BASINS		NON MAINTAINED																							
1	Whitaker Bayou																									
2	Business District																									
3	Hudson Bayou																									
4	Phillippi Creek																									
5	Matheny Creek																									
6	Elligraw Bayou																									
7	Holiday Bayou																									
8	Clower Creek																									
9	Cattfish Creek																									
10	North Creek																									
11	South Creek																									
12	Fox Creek																									
13	Shakett Creek																									
14	Curry Creek																									

* = SLOPE WIDTH * FOR ONE SLOPE
WIC = PRISON CREW
MM = MENS MOWING
HIC = HAND CLEARING
MW = CONTRACT MOWING
CMC = COUNTY MOWING CREW
SM = S...

R = EVERY TWO YEARS
 C = EVERY THREE YEARS
 Q = QUARTERLY
 M = MONTHLY

CANAL INVENTORY

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CANAL ID	FROM	TO	CITY	RAW PROBLEMS	ACCESS PROBLEMS	EASMT PROBLEMS	ACCESS	ROW	EASEMENT	NON-MAINTAINED	WORK LENGTH (FT)	TOTAL LENGTH (FT)	BASIN ID	SLOPE WIDTH (FT)*	SLOPE ACRES MAINTAINED (ONE SLOPE)	SLOPE ACRES MAINTAINED (BOTH SLOPES)	TOW WIDTH (FT)	TAW ACRES MAINTAINED	TOTAL CANAL ACRES MAINTAINED	METHOD OF MAINTENANCE	FREQUENCY OF MAINTENANCE	CONTRACT	SECTION PAGE	NEXT MAINTENANCE DATE	LAST MAINTENANCE DATE
15	Hatchett Creek																								
16	Alligator Creek																								
17	Woodmere																								
18	Forked Creek																								
19	Gottfried Creek																								
20	Ainger Creek																								
21	Cow Pan Slough																								
22	Myakka River																								
23	Deer Prairie Slough	Non Maintained																							
24	Big Slough	Non Maintained																							
25	Little Salt Creek	Non Maintained																							
26	Braden River																								
27	Coastal																								

* = SLOPE WIDTH FOR ONE SLOPE
 P/C = PRISON CREW
 MM = MENZI MOWING
 H/C = HAND CLEARING
 MW = CONTRACT MOWING
 CMC = COUNTY MOWING CREW
 SM = S...

D. CP

SARASOTA COUNTY GOVERNMENT

PUBLIC WORKS - STORMWATER

1301 Cattlemen Rd., Bldg. A, Rm. 226, Sarasota, FL 34232-6299

(941) 378-6148

Nov/Dec '99

DESIGN PROJECTS								
	Project Name	Level of Service Deficiency	Design % Complete	Planned Advetise Date	Construction Cost (Est.)	Construction % Complete	Construction Completion Date	Status Comments
ALLIGATOR	Briarwood Ditch	Street Flooding	60%	Apr-00	(175,000)		Jan-01	1
CATFISH	Catfish Creek -study only	Structure Flooding	10%	TBA	(2,806,000)		Dec-01	3
COASTAL	Albee Road	Structure Flooding	30%	Jul-00	(310,000)		TBA	1
	Landings-study only	Street Flooding	100%	TBA	(100,000)		TBA	14
	N. Manasota Amend	Structure Flooding	25%	Jul-00	(145,000)		Mar-01	1
	Pine Harrier	Structure Flooding	28%	May-00	(105,000)		Feb-01	1
	S Manasota Beach Rd study only	Structure Flooding	100%	TBA	(100,000)		Apr-01	14
FORKED CREEK	Forked Creek -Phase I Central and Eastern Bra.	Structure Flooding	50%	TBA	(385,000)		TBA	1
	Gulf View Estates Outfall	Structure Flooding	95%	Apr-00	(275,000)		Jun-01	1
FOX	Shire Street	Structure Flooding	30%	Feb-00	(200,000)		Apr-01	1
GOTTFRIED	N. Englewood Lateral	Structure Flooding	85%	Feb-00	(434,000)		Nov-00	1
	S. River Rd. Improvements	Structure Flooding	30%	May-00	(331,000)		Dec-00	1
	SR 776 Culvert	Structure Flooding	100%	1-Dec-98	173,864	5%	TBA	13
HUDSON BAYOU	Arlington Canal Bypass*	Structure Flooding	100%	24-Jun-99	382,667	0%	Jun-00	6
	Arlington Canal Improvements *	Structure Flooding	28%	Mar-00	(484,000)		Nov-00	1
	East Avenue Main St. to Ringling*	Street Flooding	100%	2-Dec-98	120,670	99%	Aug-99	5
	Euclid Canal Improvement*	Structure Flooding	28%	Mar-00	(66,000)		Nov-00	1
	Little Five Points*	Structure Flooding	0%	TBA	(125,000)		TBA	2
	School By-Pass*	Structure Flooding	60%	Mar-00	(248,000)		Nov-00	1, 12
	School Desiltation*	Structure Flooding	98%	Mar-00	(1,605,000)		May-01	1, 4
MATHENY CREEK	Breakwater Branch	Structure Flooding	60%	Mar-00	(845,000)		Jan-01	1, 5
	Clark Road	Structure Flooding	90%	Jan-00	(1,300,000)		Oct-00	1
	Coral Lakes	Structure Flooding	100%	8-May-99	545,772	3%	Mar-00	6
	Lower Denham	Structure Flooding	96%	Dec-99	(703,000)		Nov-00	1
	Mohawk Lake	Structure Flooding	95%	Jan-00	(225,000)		Oct-00	1
	Siesta Heights	Structure Flooding	80%	TBA	(137,000)		TBA	1, 8
	Williamsburg Branch	Structure Flooding	70%	Apr-00	(600,000)		Feb-01	1
NORTH	Osprey Acres	Structure Flooding	100%	7-Sep-99	975,342		Sep-00	11

DESIGN PROJECTS							
Project Name	Level of Service Deficiency	Design % Complete	Planned Advertise Date	Construction Cost (Est.)	Construction % Complete	Construction Completion Date	Status Comments
PHILLIPPI CREEK	Bahia Vista/Lockwood Ridge Floodplain Reclamation	Structure Flooding	32%	TBA	(3,100,000)		TBA 1
	Branch BA Regional (Prol.)	Structure Flooding	95%	TBA	(722,000)		TBA 3, 9
	Celery Fields - Phase 3	Mitigation Bank	100%	TBA	(902,000)		Sep-00 7, 15
	Colonial Gables	Street Flooding	100%	26-Aug-98	82,972	33%	Jan-00 6
	Hyde Park	Street Flooding	100%	1-Oct-99	372,989		Apr-00 11
	Lake Mallard	Street Flooding	95%	TBA	(222,000)		TBA 3
	Main E	Street Flooding	95%	Dec-99	(275,000)		Sep-00 1
	Oakhurst	Street Flooding	95%	Dec-99	(75,000)		Oct-00 1, 12
	Proctor Rd/Grey Moss Drainage	Structure Flooding	45%	TBA	(498,000)		TBA 1
	Redbug Slough	Structure Flooding	100%	8-Nov-99	(1,700,000)		Dec-00 7
	South Leewyn	Structure Flooding	35%	TBA	(150,000)		TBA 1
	Sunnyside Lane	Street Flooding	100%	8-Jan-99	332,357	0%	Dec-99 6
SOUTH CREEK	South Creek Restoration - study only	Structure Flooding	100%	TBA	(1,412,000)		TBA 3, 9
WHITAKER	Newtown Canal 3-2*	Street Flooding	100%	19-May-99	769,373		Apr-00
WOOD MERE	Northern Branch	Structure Flooding	65%	Feb-00	(362,000)		Mar-01 1

* Located Partially or Wholly in City of Sarasota

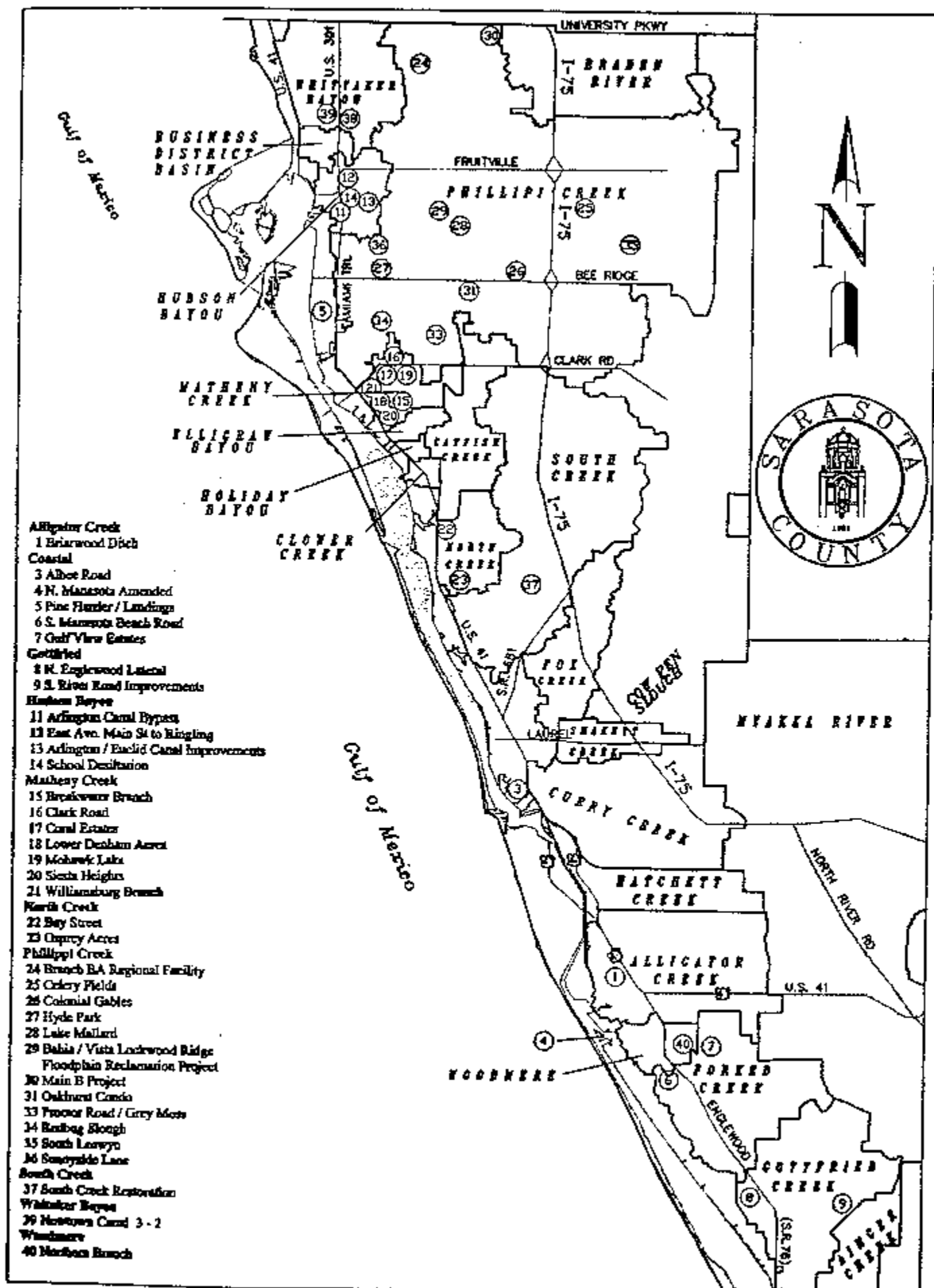
OTHER PROJECTS						
Project Name	Design % Complete	Planned Advertise Date	Construction Cost (Est.)	Construction % Complete	Construction Completion Date	Status Comments
COASTAL	Baywood	99%	Dec-99	(70,000)		Jun-00 1
	Siesta Drive (FDOT)*	0%	TBA	TBA		TBA 2, 10

COMMENTS	
1. Design in progress	10. Project Management by City of Sarasota
2. Design contract pending	11. Construction contract pending.
3. Preliminary study in progress	12. Delayed to locate/resolve utility conflicts.
4. Project delayed pending Basin Study results	13. To be included in the FDOT project in the same area.
5. Project delayed pending supplemental contract	Also, pipes are to be blocked until completion of North
6. In construction	Englewood Lateral scope.
7. In bid process	14. Final Design being negotiated.
8. FDOT coordination or construction required; project on hold	15. Bid delayed pending further analysis.
9. No Design contract	

BASIN MASTER PLANS			
Project	1st Public Meeting	2nd Public Meeting	Final Report to BCC
Cow Pen Slough	10-Jun-97	TBA	Mar-01
Curry Creek	3-Nov-97	TBA	Jul-00
Hatchett Creek	18-Nov-97	TBA	Jul-00
Holiday Bayou	30-Jun-97	18-Nov-98	TBA
Myakka River	TBA	TBA	Mar-01
North Creek	20-Jun-97	TBA	TBA
South Creek	20-Jun-97	TBA	TBA
Whitaker	24-Mar-99	TBA	Jul-00
Woodmore	20-Jun-98	16-Dec-98	TBA

Note: January workshop w/ BCC to determine TBA dates

* Indicates located in City of Sarasota					
**This list does not include routine maintenance activities. (i.e. regular ditch cleaning, mowing, nor does it include incidental short term projects of 1-5 days)					
**SPECIALIZED MAINTENANCE PROJECTS greater than \$5000 in costs					
Basin	Location	Project	Const Cost (est)	Start Date	Compl. Date
Coastal	*Indian Beach Lane	City - Pipe & Inlets	20,000	under design	Sep-99
Coastal	*Oval Drive @ Osprey	City - Pipe & Inlets	10,000	under design	
Coastal	Caribbean Drive	Stormsewer inlets	43,000	Jul-99	Nov-99
Coastal	Gleason Avenue	Stormwater outfall	25,000	Dec-99	Feb-00
Curry	Border Road	Ditch cleaning/Prison Crew	50,000	Permit/Easement	
Forked	Neptune Drive	Pipe to Bay	15,000	in-house	
Gottfried	Wentworth	ditch, pipe inlets	20,000	in-house	
Hudson	*Arlington Canal	City - Erosion	5,000	under design	
Hudson	*Bowman Court	City - Storm sewer & brick	130,000	contract bid	
Hudson	*Palm Avenue	Paving	21,000	contract bid	
Myakka	Border Road Bridge	Replant Mitigation	10,000	under design	
Phillippi	Capitan	Pipe Replacement	50,000	under design	
Phillippi	*Dade/Fruitville	Storm Sewer / inlets	25,000	Pre-Ap 9/29/99	permitting
Phillippi	Freedom Avenue	Concrete Swales & pipe inlets	20,000	contract bid	
Phillippi	Graber	Rip rap Stabilization	20,000	Nov-99	Dec-99
Phillippi	Pinecraft Park	Excavate slope	200,000	Feb-00	Jul-00
Phillippi	Proctor @ Baccus	Junction Box reconstruct	25,000	To bid	
Phillippi	Roselawn	Ditch extensions/Pipe	30,000	contract bid	
Phillippi	Seaview	Culvert replacement	80,000	under design/permitting	
Phillippi	Webber Rd.	Box Culverts	134,000	Nov-99	Feb-00
Phillippi	Webber St./SWFWMD	Permit Compliance issues	50,000	under design	
South Creek	Palmer Ranch Canal	Cleaning Canal	50,000	May-99	Dec-99
South Creek	Idle Lane	Storm Sewer / inlets	10,000	Pre-Ap Schld	
Venice	Granada Drive	Pipe Replacement	25,000	To bid	



C. LUTCH

1999 Water Quality Incidents

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
01/02/1999	Manhole overflowing into street.	WWTF	Voluntary Compliance	99-0100	Yes
01/03/1999	Waste tank pump out operation pumps salt water into the sanitary sewer and discharges small quantities of waste into bay	Water Quality	No	99-0970	No
01/04/1999	Sewer odor from new construction	WWTF Odor	No	98-0877	No
01/05/1999	Sewer manhole overflowing	WWTF	No	98-0152	Yes
01/05/1999	Fish kill in golf course pond. Citizen worried that pesticides from the golf course may have killed the fish and be contaminating her potable well.	Pesticide	No	99-0080	Yes
01/05/1999	Manhole overflow.	WWTF	No	99-0152	Yes
01/05/1999	Seems to be sewage in the stream.	WWTF	No	99-0002	Yes
01/05/1999	Laundry septic system overflows down the road.	Septage	No	99-0003	Yes
01/07/1999	Greasy film slime going into bay.	Grease	Voluntary Compliance	99-0004	Yes
01/07/1999	Diazinon and muriatic acid were mixed together and rinsed under the house by accident. Furnes in the house making her sick.	Pesticide	No	99-0084	Yes
01/08/1999	Pesticides in soil at home and school next door.	Pesticide	No	99-0051	Yes
01/11/1999	Noise and odor complaint from Tangerine Woods WWTF.	WWTF Odor	No	99-0012	No
01/11/1999	Southbay drainfields water from lawns running into gutters.	WWTF	No	98-0935	Yes
01/11/1999	Excess discharge draining from 136 and 148 Lookout Point Dr to storm drain	WWTF	No	99-0007	Yes

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
01/12/1999	Noise and odor complaint from Tangerine Woods WWTF.	WWTF Odor	Referred to Florida Marine Patrol	99-0085	No
01/12/1999	Fuel tank dumped on side of road.	Petroleum	No	99-0014	Yes
01/13/1999	Southwest drainfield of Southbay WWTF leaching into storm drains	WWTF	No	99-0111	Yes
01/13/1999	Equibore truck dumping liquid into drainage ditch.	Erosion / Turbidity	No	99-0016	Yes
01/13/1999	Complaint of odor: can not locate source.	Landfill	No	99-0017	No
01/13/1999	Odor at Fox Fire Creek.	Landfill	No	99-0018	No
01/19/1999	Complaint of oil or gas on water	Petroleum	Voluntary Compliance	99-0023	Yes
01/19/1999	Abandoned plant; bad odor.	WWTF	Voluntary Compliance	99-0020	No
01/20/1999	Oil slick may be from neighbor's buried vehicles.	Petroleum	No	99-0027	Yes
01/20/1999	Fence is down.	WWTF	No	99-0153	No
01/21/1999	Waste sediment from car wash is dumped in storm water ditch.	Wash Water	Voluntary Compliance	99-0028	Yes
01/21/1999	High coliform on Clower Creek.	Sewage	No	99-0029	Yes
01/22/1999	Sewage odor. Gulf waters tarnished an ankle bracelet. Suspects chemicals in water as well as sewage.	Water Quality	No	99-0083	Yes
01/25/1999	Garbage from creek Nokomis Village going into bay.	Solid Waste	Voluntary Compliance	99-0031	Yes
01/25/1999	Sewage discharge from broken line.	Sewage	No	99-0032	Yes
01/25/1999	Truck leaked hydraulic oil on road.	Petroleum	No	99-0033	Yes
01/26/1999	Laundry wash water discharge to road	Seplage	No	99-0035	Yes

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
01/26/1999	Swimming pool discharge to culvert.	Storm Water	No	99-0034	Yes
01/27/1999	Atlantic Utilities odor	WWTF Odor	No	98-0937	No
01/27/1999	Sewage odor.	WWTF	Voluntary Compliance	99-0036	No
01/27/1999	Sewage in Creek.	Water Quality	No	99-0037	Yes
01/28/1999	Standing water on sidewalk, northwest drainfield.	WWTF	No	99-0050	Yes
01/28/1999	Pond milky after last rain. Neighboring business discharges from tank truck.	Erosion / Turbidity	No	99-0082	Yes
02/01/1999	Person dumps antifreeze to ground.	Petroleum	No	99-0039	Yes
02/01/1999	Elmore Environmental Truck spilling septage.	Sewage	Voluntary Compliance	99-0040	Yes
02/02/1999	Oil dumped in storm drain.	Petroleum	Yes; Field Violation Notice	99-0041	Yes
02/04/1999	Discharge of raw sewage.	Water Quality	No	99-0044	Yes
02/08/1999	Child infected by stagnant ditch water.	Water Quality	No	99-0464	Yes
02/08/1999	Road work crushed sewer pipe.	Sewage	Referred to Utilities	99-0136	Yes
02/11/1999	Runoff from building entering neighbor's property. Runoff from property that used to be Vinyl Tech.	Storm Water	Voluntary Compliance	99-0165	Yes
02/11/1999	Landlord broke sewer line, sewage leaking. Broken sewer line 2108 Chester Ave residence.	Septage	No	99-0089	Yes
02/11/1999	Car wash wastewater drains to storm drain.	Wash Water	Yes; Notice of Violation	99-0006	Yes
02/16/1999	Neighbor discharging pool water to adjacent property.	Water Quality	Voluntary Compliance	99-0173	Yes

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
02/17/1999	Roof cleaning company discharging water to ground.	Wash Water	No	99-0115	Yes
02/18/1999	Sewage odor from ditch.	Water Quality	No	99-0144	Yes
02/18/1999	Drainage ditch smells like sewage.	Algae / Bacteria / Vegetation	No	99-0117	Yes
02/18/1999	Discharge pipe pumping sewage into water.	Sewage	Voluntary Compliance	99-0118	Yes
02/19/1999	Odors from Atlantic WWTF.	WWTF	No	99-0093	No
02/22/1999	Open sewage pipe from trailer draining to ground.	Sewage	No	99-0166	Yes
02/23/1999	Spilled oil on the driveway. may go into storm drain.	Petroleum	Voluntary Compliance	99-0120	Yes
02/26/1999	Odor of raw sewage.	Sewage	No	99-0146	No
02/26/1999	Odor from WWTF.	WWTF Odor	No	99-0095	No
02/28/1999	Odor from WWTF.	WWTF Odor	No	99-0076	No
02/26/1999	Odor from water plant.	Water Quality	No	99-0077	No
03/01/1999	40 gallons of fuel spilled.	Petroleum	No	99-0134	Yes
03/01/1999	Possible ground contamination.	Chemical	No	99-0132	Yes
03/02/1999	Lift station odors at corner of Arrow Way and Woodview Dr.; additional complaint of radon gas and lift station causing vibrations indoors.	WWTF Odor	No	99-0121	No
03/02/1999	Curry Creek - no more wildlife in creek.	Fish Kill	No	99-0135	Yes
03/02/1999	Ruptured gas pipeline. Potential water quality problems as a result of installation of pipeline	Erosion / Turbidity	Referred to Res. Permitting	99-0129	Yes
03/03/1999	Scum on end of Hudson Bayou near U.S. 41	Water Quality	No	99-0168	Yes

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
03/03/1999	Strong sewer smell in storm drain, Southbay, hears water running.	WWTF	No	99-0167	Yes
03/03/1999	Six 1 gallon containers of waste oil left in back.	Petroleum	Voluntary Compliance	99-0331	No
03/03/1999	Tangerine Woods odors.	WWTF	No	99-0133	No
03/04/1999	Greasy floor mats are washed to the storm water system.	Wash Water	No	99-0074	Yes
03/04/1999	Grease and food from back door drains to storm drain.	Wash Water	Yes; Notice of Violation	99-0073	Yes
03/04/1999	Oil spilled onto driveway.	Petroleum	Voluntary Compliance	99-0346	Yes
03/09/1999	Motor home discharging sewage to ditch.	Sewage	No	99-0333	Yes
03/10/1999	County workers hit sewer main.	WWTF	No	99-0336	Yes
03/10/1999	Sludge in ditch from Circlewoods WWTF.	Algae / Bacteria / Vegetation	No	99-0335	Yes
03/11/1999	Odor from Florida Cities WWTF.	WWTF	No	99-0148	No
03/11/1999	Landlord storing 55 gall drums of gasoline.	Petroleum	No	99-0337	Yes
03/12/1999	Old landfill impacting development.	Landfill	No	99-0072	No
03/17/1999	Water in pond red in color.	Algae / Bacteria / Vegetation	No	99-0137	Yes
03/17/1999	Discharge from dewatering activities	Erosion / Turbidity	Yes	99-0071	Yes
03/19/1999	Sewage spill	Sewage	No	99-0341	Yes
03/21/1999	Dark discharge coming from pipe	Storm Water	No	99-0376	Yes
03/22/1999	Turbid discharge from dewatering activities.	Erosion / Turbidity	Yes; Notice of Violation	99-0344	Yes

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
03/22/1999	Odor from Japanese Gardens WWTF.	WWTF	No	99-0371	No
03/23/1999	Blue discharge coming from storm pipe.	Pesticide	No	99-0375	Yes
03/23/1999	Sewage spill.	WWTF	Voluntary Compliance	99-0372	Yes
03/24/1999	WWTF odors from Gulf Gate treatment plant.	WWTF Odor	No	99-0350	No
03/24/1999	Discharge of aquarium water to ground and alleyway	Storm Water	No	99-0374	Yes
03/25/1999	Odor from County sewer plant has been bad lately	WWTF Odor	No	99-0057	No
03/25/1999	Cement slab with a tank of some kind underneath that has deteriorated.	Septage	No	99-0377	No
03/25/1999	Tap water burned her mouth. Poison building. Had water tested a week ago. Not using the water anymore.	Water Quality	No	99-0069	No
03/26/1999	Mobile home discharging wastewater or wash water into water way.	Wash Water	No	99-0379	Yes
03/29/1999	Red color in retention pond.	Algae / Bacteria / Vegetation	Referred to City Code Enforcement	99-0380	Yes
03/30/1999	Leaking septic tank - behind Havertys.	WWTF	No	99-0171	Yes
03/31/1999	Odor from Gulf Gate WWTF	WWTF	No	99-0384	No
03/31/1999	Unusual distribution box reportedly was used to discharge dry cleaning solvent to subsurface ground.	Chemical	No	99-0383	Yes
04/01/1999	Cleaning dog cages and discharging into the ground. smells bad	Sewage	Referred to City Code Enforcement	99-0386	Yes

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
04/01/1999	Longwood run - bad odors/green discharge in ditch.	Algae / Bacteria / Vegetation	No	99-0385	Yes
04/02/1999	Spanish Point marina - odor of sewage, possible discharge.	Algae / Bacteria / Vegetation	No	99-0400	Yes
04/02/1999	Resident cleaning horse trailer debris into storm drain.	Sewage	Voluntary Compliance	99-0390	Yes
04/06/1999	Sewage odor for the past year.	WWTF	No	99-0407	No
04/06/1999	Auto parts and fluids discharged to lake.	Petroleum & Solid Waste	No	99-0404	Yes
04/07/1999	Sewer clean out line may be leaking.	Sewage	No	99-0408	Yes
04/07/1999	Sewage odor in ditch.	Algae / Bacteria / Vegetation	No	99-0139	Yes
04/07/1999	Pond has lots of scum on it, county maintained.	Algae / Bacteria / Vegetation	No	99-0412	Yes
04/07/1999	Sewer clean out line maybe leaking.	Sewage	No	99-0409	Yes
04/08/1999	Film and odor from nearby lake.	Algae / Bacteria / Vegetation	No	99-0094	Yes
04/08/1999	Discharge & noise from construction at Gulf Gate Mall.	Erosion / Turbidity	Referred to Air Program	99-0413	Yes
04/08/1999	Backed up grease trap; leaky backflow preventer.	Wash Water	Yes; NCL	99-0414	Yes
04/08/1999	Sorrento East - odor from pump station & lift station H2S	WWTF Odor	Voluntary Compliance	99-0415	No
04/08/1999	Washed out business and parking lot into storm drain.	Wash Water	No	99-0068	Yes
04/09/1999	Odor from Fla. Cities Gulf Gate WWTF.	WWTF	No	99-0418	No
04/09/1999	Odor from Fla. cities Gulf Gate plant.	WWTF Odor	No	99-0351	No

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
04/10/1999	Foam and yellow ribbon in the lake at her house.	Algae / Bacteria / Vegetation	No	99-0092	Yes
04/12/1999	Strong smell of sewage in Roberts Bay.	Algae / Bacteria / Vegetation	No	99-0419	Yes
04/12/1999	Shackett Island, shoveling dirt into waterway.	Erosion / Turbidity	No	99-0420	Yes
04/16/1999	A tank-like container is emerging in his back yard.	Solid Waste	No	99-0058	No
04/20/1999	Lift station odor in Woodlawn Park. Wants air monitoring in his home.	WWTF Odor	Referred to Homer Rice, Health Dept	99-0426	No
04/26/1999	Wastewater coming into her yard from neighbor doing weekend work.	WWTF	No	99-0429	Yes
04/26/1999	Bad odors from overflowing grease trap.	Solid Waste	No	99-0140	Yes
04/27/1999	X-Ray chemical being poured into drain.	Chemical	Referred to B. Dietz	99-0421	Yes
04/28/1999	Odor from Fla. Cities, better than before but still present.	WWTF Odor	No	99-0430	No
04/28/1999	Sewage odor at Brook lo Bay MHP.	WWTF Odor	No	99-0431	Yes
04/28/1999	Mobil car wash on Bee Ridge discharging to storm grate.	Wash Water	No	99-0451	Yes
04/29/1999	Odor from Fla. Cities, Gulf Gate even after repairs have been made	WWTF Odor	No	99-0422	No
05/01/1999	No frogs in pond.	Fish Kill	No	99-0441	Yes
05/01/1999	Odors from Brentwood WWTF	WWTF Odor	No	99-099	No
05/01/1999	Overflowing toilet in her house, she lives at Club Mar.	Sewage	No	99-0090	Yes
05/03/1999	Odor from WWTF.	WWTF Odor	No	99-0423	No

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
05/03/1999	Dead fish in drainage ditch.	Fish Kill	No	99-0432	Yes
05/04/1999	Oil and antifreeze	Petroleum	No	99-0433	Yes
05/05/1999	Large amount of solid waste on site. One barrel leaked and stained soil.	Solid Waste & Petroleum	Referred to FDEP	99-0060	Yes
05/05/1999	Grease trap overflow behind Patches Restaurant.	Grease	Referred to City of Venice Code	99-0569	Yes
05/06/1999	White foam around edges of lake.	Water Quality	No	99-0437	Yes
05/07/1999	Possible petroleum spill.	Petroleum	No	99-0438	Yes
05/10/1999	Dead fish in canal.	Fish Kill	No	99-0439	Yes
05/11/1999	Odor and debris in pond behind her condo.	Algae / Bacteria / Vegetation	No	99-0062	Yes
05/11/1999	Odor and debris in water at John Ringling & Lido Key area.	Algae / Bacteria / Vegetation	No	99-0440	Yes
05/11/1999	Chilis degreasing near dumpster and rinsing into storm drain.	Wash Water	Yes; NCL	99-0442	Yes
05/11/1999	Spraying something on the fourth hole at Prestancia golf course.	Pesticide	No	99-0156	Yes
05/13/1999	Turbidity problem at marina.	Erosion / Turbidity	No	99-0570	Yes
05/13/1999	White, thready substance in storm drains.	Algae / Bacteria / Vegetation	No	99-0063	Yes
05/13/1999	Water use on property is draining cement sediment into storm water catch basin.	Erosion / Turbidity	No	99-0445	Yes
05/18/1999	Concerned about well water being contaminated with herbicide.	Pesticide	Referred to I.R.	99-0575	Yes
05/18/1999	Fish kill in Little Sarasota Bay.	Fish Kill	No	99-0574	Yes
05/18/1999	Muck on the water.	Water Quality	No	99-0446	Yes

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
05/19/1999	Texaco on Fruitville spilling diesel fuel onto ground at pumps, automatic shut off not working	Petroleum	No	99-0576	Yes
05/19/1999	Pumping out swamp area into a canal.	Storm Water	No	99-0577	Yes
05/20/1999	Washing of paint and chemicals into ground.	Chemical	No	99-0141	Yes
05/21/1999	Dead fish in Shire Lake, no other details given.	Fish Kill	No	99-0578	Yes
05/24/1999	White foamy stuff in water and on shore.	Water Quality	No	99-0579	Yes
05/24/1999	Possible sludge dumping in Myakka River.	WWTF	No	99-0580	Yes
05/25/1999	Dilapidated fence between community pool and treatment plant.	WWTF	Voluntary Compliance	99-0582	No
05/26/1999	Quart oil containers, 55-gallon drums, and oil products stored. Visibly oil and antifreeze stained soil.	Petroleum	Yes, NCL	99-0586	Yes
05/26/1999	Ed Smith Stadium uses gasoline as a herbicide along fences.	Petroleum	No	99-0064	Yes
05/27/1999	Dead fish in his pond - Shire Lake.	Fish Kill	No	99-0583	Yes
05/27/1999	Strong odor from Fla. Cities plant	WWTF Odor	No	99-0584	No
05/27/1999	Oil filters-drums.	Petroleum	No	99-0585	Yes
06/01/1999	Barge in water w/crane dumping dirt, concrete and etc., into water. Employees are on lunch now.	Solid Waste	No	99-0587	Yes
06/01/1999	Sunken boat in water, slowly leaking fuel.	Petroleum	Voluntary Compliance	99-0588	Yes
06/01/1999	Fish kill.	Fish Kill	No	99-0589	Yes

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
06/01/1999	Terrible odors coming from the WWTF usually on M, W, and F in the AM hours. Family and friends cannot enjoy pool as a result.	WWTF Odor	No	99-0590	No
06/02/1999	Strong odor/substance in the bay behind her home.	Algae / Bacteria / Vegetation	No	99-0599	Yes
06/03/1999	Paint cans and oil containers in back yard spilling onto the ground.	Petrofeum & Chemicals	No	99-0592	Yes
06/03/1999	PVC pipe running under yard into pond.	Water Quality	No	99-0591	Yes
06/03/1999	Water is dark brown and smells.	Algae / Bacteria / Vegetation	No	99-0598	Yes
06/04/1999	Diesel sheen in canal behind his house.	Petroleum	No	99-0594	Yes
06/05/1999	Dead fish in lagoon.	Fish Kill	No	99-0595	Yes
06/07/1999	Waste oil dumped at Johnston Ranch	Petroleum	Voluntary Compliance	99-0630	Yes
06/08/1999	Aboveground tanks and petrol spillage to soil in new housing development, North Port.	Petroleum	No	99-0597	Yes
06/08/1999	Caller worried about utility potable well contamination from adjacent Simmons Chemical Co.	Chemical	Yes; NCL	99-0651	Yes
06/08/1999	Puddle appears to be sewage.	Sewage	No	99-0620	Yes
06/09/1999	Backhoe leaking oil on sidewalk and ground.	Petroleum	Voluntary Compliance	99-0636	Yes
06/10/1999	Small sewer leak behind Say-A-Lot Plaza.	Sewage	No	99-0573	Yes
06/10/1999	Resident dumping air conditioner antifreeze on ground	Chemical	No	99-0627	Yes
06/10/1999	Truck fuel tank leak on roadway and into storm drain at service station	Petroleum	No	99-0629	Yes

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
06/11/1999	Spilled material near dumpsters and drums.	Chemical	No	99-0754	Yes
06/11/1999	Strong sewage odor in Blackburn Bay.	Water Quality	No	99-0632	Yes
06/11/1999	Trucks dumping liquid on county property.	Erosion / Turbidity	No	99-0631	Yes
06/14/1999	Dust from cutting marble being disposed of on ground.	Erosion / Turbidity	No	99-0633	Yes
06/15/1999	Brush trimmings in Salt Creek	Solid Waste	No	99-0367	Yes
06/16/1999	Pipes leaking into Phillippi Creek from under a creek.	WWTF	No	99-0353	Yes
06/18/1999	Storm water runoff inspection.	Erosion / Turbidity	No	99-0640	Yes
06/18/1999	Sewage odor from treatment plant.	WWTF Odor	No	99-0370	No
06/20/1999	Fish kill.	Fish Kill	Referred to Manatee Co.	99-0635	Yes
06/21/1999	Sewage odor from Atlantic Utilities.	WWTF	No	99-0368	No
06/21/1999	Sunken boat, fuel in water.	Petroleum	No	99-0644	Yes
06/22/1999	Payload operator drained generator and left oil puddle in parking lot.	Petroleum	No	99-0571	Yes
06/23/1999	Large pipe discharging dirty water into creek from nursing home.	Storm Water	No	99-0639	Yes
06/24/1999	Hydroseeding near storm water ditch.	Erosion / Turbidity	No	99-0647	Yes
06/28/1999	Dumpster overflowing, oil and antifreeze containers leaking into Phillippi Creek.	Petroleum & Solid Waste	No	99-0648	Yes
06/29/1999	Muck in water, has odor. Lemon Bay.	Algae / Bacteria / Vegetation	No	99-0649	Yes

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
06/29/1999	30 dead fish in Windsor lake.	Fish Kill	No	99-0157	Yes
06/29/1999	Frog Farm Press in upstairs of barn, they may need a chemical holding	Chemical	No	99-0067	No
06/29/1999	Dumping various chemicals on ground.	Chemical	No	99-0645	Yes
06/30/1999	Looks like sewage in canal.	Water Quality	No	99-0366	Yes
07/01/1999	Drainage ditch smells and looks like raw sewage.	Algae / Bacteria / Vegetation	No	99-0158	Yes
07/01/1999	Bahia Vista MHP effluent ponds discharging to Phillippi Creek.	WWTF	No	99-0053	Yes
07/01/1999	Odor from storm drain, also white discharge pipe present.	Erosion / Turbidity	No	99-0653	Yes
07/01/1999	Old truck leaking oil in driveway.	Petroleum	No	99-0447	Yes
07/02/1999	Bubbling sewage behind Jackson Hewitt office building.	WWTF	No	99-0655	Yes
07/06/1999	An irate customer called Mary Ellen and said there are huge foam things (3' x 4') coming out of the storm drain and blowing down the street into a child care facility. The kids are playing with them	Chemical	No	99-0658	Yes
07/07/1999	Canal at Dona Bay marina is yellow & cloudy.	Algae / Bacteria / Vegetation	No	99-0671	Yes
07/07/1999	Piece of broken down equipment leaking fluid on the ground.	Petroleum	No	99-0659	Yes
07/08/1999	Water from water softener discharging large amount of water killing the grass.	Chemical	No	99-0672	Yes
07/08/1999	Caller lives on the Bay and the area is filled with dead fish and garbage. She cannot get anyone to do anything about it.	Algae / Bacteria / Vegetation	No	99-0572	Yes

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
07/08/1999	Dumping of compost from the City of Sarasota.	Solid Waste	No	99-0673	No
07/09/1999	Oil spill on Apex Road.	Petroleum	No	99-0674	Yes
07/12/1999	The maintenance crew for Beekman Place is not mowing around the storm water retention pond located to the north of the plant. The grass is very high and the caller has seen rats in the area.	WWTF	No	99-0682	No
07/12/1999	White milky substance coming out of storm drain and going into Phillippi Creek	Erosion / Turbidity	No	99-0677	Yes
07/14/1999	Odor from sludge spreading at Hi Hat Ranch.	WWTF Odor	No	99-0700	Yes
07/14/1999	Re-doing drainage and piping into city water.	Storm Water	No	99-0679	Yes
07/14/1999	Tanker dumped chemicals into pond. now the fish are dead.	Fish Kill	No	99-0678	Yes
07/15/1999	Sewage discharge into Bay - occurred 1 1/2 years ago.	WWTF	No	99-0683	Yes
07/16/1999	PVC pipe outlet into ditch at Sherwood Estates.	Storm Water	No	99-0701	Yes
07/19/1999	Dead fish in Shadow Oaks Area.	Fish Kill	No	99-0222	Yes
07/19/1999	Dead fish in pond.	Fish Kill	No	99-0702	Yes
07/19/1999	Dead fish in Shadow Oaks area.	Fish Kill	No	99-0661	Yes
07/19/1999	Dead fish in pond.	Fish Kill	No	99-0660	Yes
07/20/1999	Erosion from FDOT sidewalk installation project.	Erosion / Turbidity	No	99-0066	Yes
07/20/1999	Lift station at Hunan Restaurant overflowing, alarm going off.	WWTF	No	99-0662	Yes

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
07/21/1999	Well driller reported well with solvent in it.	Chemical	No	99-0703	Yes
07/21/1999	Discharging aquarium water.	Water Quality	Yes; Field Violation Notice	99-0686	Yes
07/21/1999	Very bad odor coming from a plant at Honore and Phillippi Creek. Takes your breath away.	WWTF Odor	No	99-0688	No
07/23/1999	Fish kill at Sanderling Club.	Fish Kill	No	99-0689	Yes
07/23/1999	Draining pool that has motor oil in it.	Petroleum	Yes; Field Violation Notice	99-0159	Yes
07/26/1999	Terrible odors coming from the WWTF.	WWTF Odor	No	99-0705	No
07/26/1999	Terrible odor from fish kill.	Fish Kill	No	99-0690	Yes
07/27/1999	Gray water is being discharged into the Myakka River.	Wash Water	No	99-0691	Yes
07/29/1999	Resident at end of street installed an open cut that eliminates retention pond.	Storm Water	No	99-0708	Yes
07/29/1999	There is an open drain valve from secondary storage structure for above ground chlorine storage tanks.	Chemical	Yes; NCL	99-0707	Yes
07/30/1999	Planes flying over pool discharging fuel.	Petroleum	No	99-0710	Yes
07/30/1999	Drainage ditch not working properly, overflowing when it rains.	Storm Water	No	99-0711	Yes
08/02/1999	Fuel spill at pumps.	Petroleum	No	99-0061	Yes
08/05/1999	Brown foam in storm pond that enters bay.	Erosion / Turbidity	No	99-0663	Yes
08/06/1999	Septic system leaking to Phillippi Creek for a month.	Septage	No	99-0725	Yes

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
08/06/1999	Dumpsters behind Oaks Plaza on Siesta Key are open and the rain is running throughout and into the water.	Solid Waste	No	99-0692	Yes
08/09/1999	Hydraulic oil spilled in Main C canal at celery fields.	Petroleum	No	99-0693	Yes
08/09/1999	Sewage smell (H2S) from manholes located at school site.	WWTF Odor	No	99-0096	No
08/11/1999	Discharge pipe at Evies golf course.	Storm Water	No	99-0695	Yes
08/11/1999	Neighbor discharging jacuzzi water into his yard	Storm Water	Yes; Field Violation Notice	99-0694	Yes
08/13/1999	5 gal buckets of oil have been dumped in the field.	Petroleum	No	99-0696	Yes
08/13/1999	When it rains the rainwater leaving her property has a sheen on it.	Petroleum	No	99-0697	Yes
08/13/1999	Water running down her street has white foamy stuff and a sheen on it.	Algae / Bacteria / Vegetation	No	99-0698	Yes
08/15/1999	Ruby Tuesdays cleaning mats outside.	Wash Water	No	99-0059	Yes
08/16/1999	Spilled bucket of restaurant grease at Osterias Restaurant, St Armands Ct.	Grease	No	99-0699	Yes
08/16/1999	Witnessed Stivers Tire & Auto dumping oil & Antifreeze on ground	Petroleum	No	99-0713	Yes
08/16/1999	Homeowner dumping dog feces into lake.	Sewage	No	99-0714	Yes
08/16/1999	Dumping of weed whacker contents on median in parking lot.	Petroleum	No	99-0055	Yes
08/17/1999	Pumping septic tank into storm drain.	Septage	No	99-0720	Yes

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
08/18/1999	Chlorine gas used to treat the pool caused poisoning of the resident (in the hospital)	Chemical	No	99-0752	No
08/18/1999	Terrible, brown, stinking water discharges to Gulf with great force. Concerned about sewage and bacteria. Gulf tinted brown by the discharge.	Storm Water	No	99-0753	Yes
08/19/1999	Many transformers are stored on the site. Are they leaking PCBs or other contaminants?	Chemical	No	99-0054	Yes
08/19/1999	Scum on lake, now dead fish.	Fish Kill	No	99-0716	Yes
08/20/1999	Insulation floating in the lake. They are doing construction. She saw it last night and it's still there.	Solid Waste	No	99-0357	Yes
08/20/1999	Dead fish.	Fish Kill	No	99-0160	Yes
08/24/1999	Thousands of dead fish in the lake at Ackerman Park.	Fish Kill	No	99-0719	Yes
08/24/1999	Effluent discharge line manholes were overflowing onto golf course.	WWTF	Yes: FDEP WL	99-0724	Yes
08/25/1999	Neighbor septic tank overflowing into her yard.	Septage	No	99-0717	Yes
08/26/1999	The Old Atlantic WWTF- odor bad coming anywhere from 4:30am to 7:00am when she gets up.	WWTF Odor	No	99-0358	No
08/26/1999	Strong sulfur smell.	WWTF Odor	No	99-0712	No
08/27/1999	Brown, foamy, stinky standing water in her driveway.	Storm Water	No	99-0600	Yes
08/30/1999	Motor oil poured into ditch between houses.	Petroleum	No	99-0766	Yes
08/30/1999	Caller requested assistance with FDEP Industrial Waste permitting, USEPA NPDES permitting and County storm water requirements.	Erosion / Turbidity	No	99-0749	Yes

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
08/31/1999	Oil and fuel is spilled on concrete, which washes into the bay. Boats are washed daily and contaminants drain into the Intracoastal Waterway Mangroves dead.	Petroleum	No	99-0767	Yes
09/01/1999	Drainage pipe runs from back of building to retention pond	Storm Water	No	99-0666	Yes
09/02/1999	Neighboring business holds charity car washes and is unregulated but Top Notch has had compliance issues in the past. What are the rules?	Wash Water	No	99-0768	Yes
09/02/1999	Odor from Florida Cities is bad.	WWTF Odor	No	99-0770	No
09/02/1999	Grease spots in parking lot.	Petroleum	No	99-0769	Yes
09/07/1999	Sediment runoff to bay.	Erosion / Turbidity	No	99-0751	Yes
09/07/1999	Dead fish in lake behind house.	Fish Kill	No	99-0359	Yes
09/07/1999	Sediment runoff to South Creek	Erosion / Turbidity	No	99-0750	Yes
09/07/1999	Sewage on the ground.	WWTF	No	99-0773	Yes
09/07/1999	Sewage odor.	WWTF	No	99-0772	No
09/08/1999	Dead fish in his pond.	Fish Kill	No	99-0360	Yes
09/08/1999	Fish kill	Fish Kill	No	99-0777	Yes
09/09/1999	Fish kill	Fish Kill	No	99-0778	Yes
09/09/1999	Green, foamy, substance seeping up out of front yard and draining into street. This happens after a heavy rain.	Sewage	No	99-0781	Yes
09/09/1999	Fish kill.	Fish Kill	No	99-0780	Yes
09/09/1999	Compressor leaking yellow substance	Petroleum	No	99-0601	Yes

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
09/10/1999	Rusty drum washed onto beach.	Solid Waste	No	99-0783	No
09/10/1999	Sewer odor in his condo.	Sewage	No	99-0784	No
09/12/1999	Sewage backed up from lift station and discharged into storm water catch basin and into storm water retention pond.	WWTF	No	99-0009	Yes
09/13/1999	Water standing in yard from utility plant and there are mosquitoes breeding in it.	WWTF	No	99-0791	Yes
09/13/1999	Drums of used kitchen grease leaking behind dumpster, also used motor oil.	Grease	No	99-0786	Yes
09/13/1999	Dumping dog waste into holding pond. Second report.	Sewage	No	99-0788	Yes
09/13/1999	Cloudy light brown water flowing from storm water pipe into Hudson Bayou.	Erosion / Turbidity	No	99-0785	Yes
09/14/1999	Strong odor of sewage from WWTF on the drive to work	WWTF Odor	No	99-0789	No
09/14/1999	Toilet paper and sewage in ditch behind caller's house.	Sewage	No	99-0795	Yes
09/14/1999	Dead fish in lake, caused by acid from pool water?	Fish Kill	No	99-0790	Yes
09/15/1999	Bright orange water in ditch.	Chemical	No	99-0796	Yes
09/16/1999	Dark fluid is draining into canal from storm water drain. A swimming pool is being constructed down the street	Erosion / Turbidity	No	99-0798	Yes
09/17/1999	Alarm buzzer sounding.	WWTF	No	99-0801	Yes
09/17/1999	Ditch behind businesses is orange.	Water Quality	No	99-0802	Yes

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
09/17/1999	Air conditioners being dis-assembled for scrap metal. Oil stained soil	Chemical & Solid Waste	No	99-0726	Yes
09/17/1999	Lift station is overflowing, referred to P.C. by Lois Rose, Haz. Waste. Haz. Waste is also sending someone out.	Sewage	No	99-0805	Yes
09/20/1999	Drainage ditch behind house is not draining properly.	Storm Water	No	99-0804	Yes
09/22/1999	Manhole overflowing behind Land of Sleep.	WWTF	No	99-0810	Yes
09/23/1999	PVC pipe draining into pond and into Mirror Lake.	Storm Water	No	99-0361	Yes
09/23/1999	Paint left on grass in county right of way	Chemical	No	99-0812	Yes
09/23/1999	End of driveways fill with sewage in heavy rains.	Septage	No	99-0667	Yes
09/24/1999	Oil residual on grass and going downstream into water.	Petroleum	No	99-0813	Yes
09/24/1999	Odor of sewage from treatment plant.	WWTF Odor	No	99-0362	No
09/24/1999	Raw sewage behind hotel.	Sewage	No	99-0814	Yes
09/24/1999	Oil dumped into storm water drain.	Petroleum	No	99-0815	Yes
09/28/1999	Due to poor drainage, water has been standing on property for weeks. It is loaded with mosquito larvae. The City of North Port will not do anything about it.	Storm Water	No	99-0363	Yes
09/28/1999	Oil on ground. tank graveyard	Petroleum	Voluntary Compliance	99-0818	Yes
09/28/1999	Sludge containing acids, chemicals, and diesel is hauled to 63rd Street and dumped secretly.	Chemical	No	99-0747	Yes

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
09/28/1999	Daily diesel fuel spills from dispenser with no shut-off valve.	Petroleum	No	99-0748	Yes
09/29/1999	Stream running into water killing fish.	Fish Kill	No	99-0817	Yes
09/30/1999	A 2000-gallon blue poly tank of animal fat is used for dust control on the site.	Grease	No	99-0746	Yes
10/01/1999	Chemical odor seeping through AC from warehouse next door. Employees getting headaches.	Chemical Odor	No	99-0820	No
10/04/1999	There is a petroleum spill into Forked Creek as a result of construction work on the bridge.	Petroleum	No	99-0821	Yes
10/04/1999	There is a large oil slick on Intracoastal near boat docks	Petroleum	No	99-0826	Yes
10/04/1999	Everyday hundreds of blue gills are washing up.	Fish Kill	No	99-0825	Yes
10/04/1999	Hundreds of fish dying.	Fish Kill	No	99-0822	Yes
10/06/1999	A steady discharge on a dry day from a pipe through the seawall may be overflow from a septic system.	Storm Water	No	99-0745	Yes
10/06/1999	Standard practice to dump used oil & antifreeze along fence.	Petroleum	No	99-0830	Yes
10/06/1999	Neighbor pumping accumulated storm water into adjacent ditch Result may be the exacerbated growth of algae/duckweed blooms This has been going on for a long time and the neighbors have been unable to stop it. Mr. Burris may resort to legal action if the County cannot stop the pumping.	Storm Water	No	99-0829	Yes
10/07/1999	Chlorine bleach smell outside, possibly coming from Energy Miser trucks.	Chemical	No	99-0831	Yes

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
10/08/1999	Someone dumped medical waste in the dumpster behind his place of business.	Solid Waste	No	99-0643	No
10/08/1999	Pool construction is being done down the street. Sludge is running down the street into the storm sewer. Diesel fuel is running down into the storm sewer.	Petroleum & Erosion /	No	99-0827	Yes
10/10/1999	Dead fish in canal behind home.	Fish Kill	No	99-0011	Yes
10/11/1999	Easement for access has been built up with chunks of concrete & fill. Water runoff is chalky and runs onto Newell pasture. Is it safe for the well and animals?	Erosion / Turbidity &	No	99-0843	Yes
10/12/1999	Observed commercial car cleaning operation on pavement outside establishment.	Wash Water	No	99-0642	Yes
10/12/1999	Antifreeze dumped in common driveway this morning. Standing puddles of it now	Chemical	No	99-0823	Yes
10/12/1999	Grease trap spilling onto parking lot.	Grease	No	99-0842	Yes
10/14/1999	Red algae in ditch beside house. The caller is afraid it will affect her ground water.	Algae / Bacteria / Vegetation	No	99-0847	Yes
10/14/1999	Oily substance with fecal odor in the road side ditch	Algae / Bacteria / Vegetation	No	99-0848	Yes
10/15/1999	The odor from the landfill is unbearable. He wants to know why.	Landfill	No	99-0835	No
10/16/1999	Large fish kill in lake. The cause may come from drainage runoff from Tuttle Ave.	Fish Kill	No	99-0852	Yes
10/18/1999	Horrible smell coming from plant.	WWTF Odor	No	99-0849	No
10/18/1999	Horrible smell coming from plant	WWTF Odor	No	99-0850	No

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
10/18/1999	Gasoline found in storm water catch basin in front of residence.	Petroleum	No	99-0855	Yes
10/18/1999	Weed killer sprayed into pond, killing numerous fish on Saturday and Sunday.	Fish Kill	No	99-0856	Yes
10/18/1999	Huge fish kill in lake. Some water in lake comes from drainage ditch on Tuttle.	Fish Kill	No	99-0365	Yes
10/18/1999	Leisure Lake fish kill. Neighbors began noticing the die off of fish yesterday.	Fish Kill	No	99-0853	Yes
10/19/1999	People keep blowing debris and other stuff down the sewer.	Solid Waste	No	99-0858	Yes
10/19/1999	Approximately 1330 hours a call was received about the drainage operations crew cleaning the ditch and discovering 500 gallons of motor oil from the concrete swale behind the maintenance facility.	Petroleum	No	99-0859	Yes
10/22/1999	Green smelly film in reservoir overflowing onto beach. Thinks it is a health hazard. She has seen children playing in it.	Storm Water	No	99-0860	Yes
10/25/1999	Raw sewage is being discharged into Sarasota Bay.	Sewage	No	99-0837	Yes
10/28/1999	Resident has been pumping water (?) out of his house for 3 weeks. It is flooding the street.	Storm Water	No	99-0864	Yes
10/28/1999	Drainage crew replacing storm water line encountering kerosene in excavation.	Petroleum	No	99-0865	Yes
10/29/1999	The fence around the WWTF has numerous slats missing and is in disrepair.	WWTF	No	99-0838	No
11/03/1999	Spotted in the water what looked like septic waste (yellow color) off his boat near Caspersen Beach.	Septage	No	99-0891	Yes

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
11/08/1999	Blue hose running from pool and draining into water retention pond.	Water Quality	No	99-0893	Yes
11/12/1999	Pipe leading to little creek from house is being used to discharge septage or sewage.	Septage	No	99-0727	Yes
11/15/1999	Complainant thinks owner of newly built home is spreading sewage or effluent on his property. Property owner works for ViroSoils.	Septage	No	99-0839	Yes
11/15/1999	Strong odor entering home from Beekman Place WWTF. Late evening and early morning is the worst.	WWTF Qdor	No	99-0876	No
11/17/1999	Oily film on top of pond. Fish are dying and one dead duck. No regular visits by area ducks.	Fish Kill	No	99-0883	Yes
11/17/1999	Car leaking oil into storm water drain.	Petroleum	No	99-0882	Yes
11/19/1999	Raw sewage is on the ground. It is believed to be seepage from septic tank. The area in front of the apartments is saturated	Septage	No	99-0907	Yes
11/22/1999	Exceptional amount of trash at this location	Solid Waste	No	99-0901	Yes
11/22/1999	Personnel observed the septic tank being pumped out into the storm water ditch along Cedar St.	Septage	No	99-0900	Yes
11/23/1999	Sewage overflow in grassy area between buildings on Sunday 11/21/99 during the Home Show.	Sewage	No	99-0903	Yes
11/23/1999	A pick-up truck ran into the retention pond and was leaking gasoline into pond	Petroleum	No	99-0904	Yes
11/24/1999	Strong odor near backyard workshop and near caller's new well.	Petroleum	No	99-0744	No

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
11/24/1999	The back of the Vitale property is being eroded by storm water from Beekman WWTF storm water drainage ditch.	Erosion / Turbidity	No	99-0840	Yes
11/27/1999	Manholes overflowing in street to lake	WWTF	No	99-0912	Yes
11/29/1999	Walked in the water at this storm water pipe and noticed burning foot, developed blisters and breathing problems. Her throat closed up and she went to the hospital. Doctor told her it may be some sort of allergic reaction but could find no cause.	Water Quality	No	99-0914	Yes
11/29/1999	Smell the last week, sewage smell, not sure where its coming from, but has been around about a week.	Sewage	No	99-0908	No
11/29/1999	The mulch they have been dumping on the FL House Project smells. Two of his men went home sick because of it. They have been putting it down for days and he is getting no help from the City of Sarasota. Is there anything we can do?	Algae / Bacteria / Vegetation	No	99-0915	Yes
11/30/1999	Cream colored house discharging water onto property killing neighbors plants.	Water Quality	No	99-0916	Yes
11/30/1999	White scummy stuff in drainage coming from Designer Tile and Marble. Previous case is 96-216, resolved with new drain. It could be plugged up. Ditch has been this way the last 3 weeks.	Erosion / Turbidity	Yes; Field Violation Notice	99-0931	Yes
12/01/1999	Muddy discharge from dewatering being pumped into storm water ditch.	Erosion / Turbidity	No	99-0935	Yes
12/02/1999	Observed water flow and pooling along Rt. 41 despite dry weather conditions.	Storm Water	No	99-0937	Yes

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
12/02/1999	A caller reported a boiler being dumped into the lake behind the athletic club.	Solid Waste	No	99-0217	Yes
12/03/1999	Neighbor is draining water softener discharge into complainant's yard. Pipe is underneath yard and is causing washout of complainant's yard. Complainant pulled out pipe and said that neighbor is also discharging other water type onto yard which eventually will drain into Phillippi Creek.	Storm Water	No	99-0941	Yes
12/03/1999	Excessive turbidity, illegal dredging, siltation.	Erosion / Turbidity	No	99-0938	Yes
12/06/1999	Odor very bad for the last 4/5 months, since expansion of the lift station. No previously promised fence or landscaping has been built. Repeated calls to Bob Cole have not produced results. Odor making people uncomfortable as well as being concerned for health.	WWTF Odor	No	99-0943	No
12/06/1999	Neighbor has cement filled bags on the edge of and in the pond which is filled with fish. She believes he's trying to prevent erosion with the cement bags.	Solid Waste	No	99-0942	Yes
12/06/1999	Groundwater contamination. Possible landfill being excavated.	Landfill	No	99-0742	Yes
12/07/1999	Deodorizing blocks not stopping smell from permeating the area. She is unsure if the odor is associated with old Bee Ridge Landfill.	WWTF Odor	No	99-0949	No
12/07/1999	Burying trash, flowers and headstones on back of property and some of it is going into drainage swale.	Landfill	No	98-0070	Yes
12/09/1999	Ford truck spilling white fluid into street. Need E.S. ASAP on scene	Erosion / Turbidity	No	99-0955	Yes

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
12/09/1999	New development. Silt fences are not properly installed.	Erosion / Turbidity	No	99-0952	Yes
12/09/1999	Large pipe discharging dirty water from nursing home laundry room into Phillippi Creek.	Wash Water	No	99-0886	Yes
12/10/1999	Ongoing strong sewer odor in her area.	WWTF Odor	No	99-0603	No
12/10/1999	Between 6-8 p.m. bad odor from landfill in the area. Would like to be informed as to what is being done to fix the problem.	Landfill	No	99-0887	No
12/10/1999	Smell from pumping station on Gulf Gate Drive. Smell is in the house. The worse smell is today and he is wondering if the pumping station has gone bad.	WWTF Odor	No	99-0888	No
12/14/1999	Concerned about algae growth in pond.	Algae / Bacteria / Vegetation	No	99-0792	Yes
12/16/1999	Smell is very bad. Sewage is backing up into neighbor's homes and it is going into Phillippi Creek also. He thinks they're trucking in raw sewage daily.	Sewage	No	99-0607	Yes
12/16/1999	Staff observed white-gray muddy material in the gutter.	Erosion / Turbidity	Yes, Field Violation Notice	99-0609	Yes
12/17/1999	Deceased former owner allowed dumping of refuse on the property. He buried it there along with drums of fuel and oil kept near the shed, which along with the house has been demolished.	Landfill	No	99-0743	Yes
12/20/1999	Odor emanating from lift station, every night between 3-6pm. Never noticed this strong of an odor before. It is consistent and heavy.	WWTF Odor	No	99-0613	No
12/20/1999	Consistent odor like red tide coming from old Atlantic Utilities near Linwood	WWTF Odor	No	99-0612	No

Date	Caller's Report	Incident Type	Enforcement	Log Number	SW Related
12/20/1999	Observed oily sheen on puddle outside laundry on 12/19. Possibly from adjacent self-service car wash.	Wash Water	No	99-0610	Yes
12/20/1999	Wet sludge spotted in storm water ditch this afternoon.	Erosion / Turbidity	No	99-0611	Yes
12/21/1999	Saw men with hose and pump pumping sewage into ditch behind maintenance shop by the driving range on 12/18/99. This happens every time there is a heavy rain	Sewage	No	99-0615	Yes
12/28/1999	The lift station still has a strong odor.	WWTF Odor	No	98-0071	No
12/29/1999	Illegal dumping of hazardous waste into an unmarked well on the dirt road.	WWTF	No	99-0959	No
12/30/1999	Smell of sewer odor is very bad on East Venice Boulevard. Worst smell is between 7am and 8am.	WWTF Odor	No	99-0962	Yes
12/30/1999	Dumping of mulch in vacant lot causing bad odor. It is dumped day and night. Customers are complaining about smell.	Algae / Bacteria / Vegetation	No	99-0963	Yes

Hazardous Waste NPDES Screening Inspections
1999

Date of Inspection	Facility Name	Facility Address	Water Supply	Sewage System	Floor Drains Y or N	Storm Drains Y or N	Surface Water Y or N	Tanks Y or N	Stressed Vegetation/ Disturbed Soils	Further Investigation
01/04/1999	Van Pelt Equipment Corp	509 Church Street, Nokomis, FL 34275	Private well	Septic	No	No	No	Yes	No	No
01/04/1999	Therm-O-Type Corp.	509 Church Street, Nokomis, FL 34275	Private well	Septic	No	No	No	No	No	No
01/15/1999	Royal Coachman Resort	1070 Laurel Rd E, Nokomis, FL 34275	Sarasota Co.	Sarasota Co.	No	Yes	Yes	Yes	No	Yes
01/19/1999	Wolfer Motors Inc	1406 Ringling Drive, Venice, FL 34285	City of Venice	City of Venice	No	No	No	No	No	No
01/19/1999	Chuck Kuppe Cabinetry	508 7th Colonia Lane, Nokomis, FL 34275	Private well	Septic	No	No	No	No	No	No
01/21/1999	Cotton Martin Custom Painting Inc.	601 Laurel Road East, Nokomis, FL 34275	Private well	Septic	No	No	No	No	No	No
02/18/1999	Kings Gate Club	290 B Ave of Kings, Nokomis, FL 34275	Private Utility	Private Utility	No	Yes	Yes	Yes	No	No
03/31/1998	Marika Concepts Inc	523 Paul Morris Dr, Englewood, FL 34223	Private well	Septic	No	No	No	No	No	No
02/18/1999	Controlled Temp Inc	303 River Blvd, Nokomis, FL 34275	Private well	Septic	No	No	No	No	No	No
03/10/1999	Brandt Veterinary Clinic	720 N Tamiami Tr., Nokomis, FL 34275	Private well	Septic	Yes	Yes	No	No	No	No
04/06/1999	Lowe Performance	5640 Sarah Ave., Sarasota FL 34233	Private well	Septic	No	No	No	Yes	No	No
04/08/1999	Southside Auto Body	5645 Sarah Ave., Sarasota, FL 34233	Private well	Septic	No	No	No	No	No	No
04/08/1999	Carl's Mulier Center	5757 Sarah Ave., Sarasota, FL 34233	Private well	Septic	No	Yes	No	No	No	No
04/13/1999	Jurl's Truck, Auto & RU Repair, Inc	875 US 41 Bypass, Venice, FL 34292	Sarasota Co.	Sarasota Co.	No	No	No	Yes	Yes	No

Hazardous Waste NPDES Screening Inspections
1999

Date of Inspection	Facility Name	Facility Address	Water Supply	Sewage System	Floor Drains Y or N	Storm Drains Y or N	Surface Water Y or N	Tanks Y or N	Stressed Vegetation/ Disturbed Soils	Further Investigation
04/20/1999	Willette Automotive	297 S Tamiami Tr. Venice, FL 34285	City of Venice	City of Venice	No	No	No	No	No	No
04/08/1999	Conley Studios Scofero Auto Body	5757 Sarah Ave. Sarasota, FL 34233	Private well	Septic	No	Yes	No	No	No	No
04/20/1999	Body	692B Coloma Lane E. Nokomis, FL 34275	Private well	Septic	No	No	No	No	No	No
05/10/1999	Hushems Auto World Inc.	5085 Pan American Bv North Port, FL 34287	City of North Port	Septic	No	Yes	No	No	No	No
05/12/1999	Venice Tire & Auto Repair of Sarasota Inc.	850 Cattlemen Rd. Sarasota, FL 34232	Private well	Septic	No	No	No	No	No	No
05/14/1999	Animal Eye Care Inc.	3807 Bond Place, Sarasota, FL 34232	Sarasota Co	Septic	No	No	No	No	No	No
05/14/1999	Sarasota Animal Hospital	4535 Bee Ridge Rd, Sarasota, FL 34233	Sarasota Co	Septic	No	No	No	No	No	No
05/24/1999	Custom Auto Restorations Systems Inc	479 Interstate Court, Sarasota, FL 34240	City of Sarasota	City of Sarasota	No	No	Yes	No	No	No
05/27/1999	Gray-Bur Enterprises Inc	P.O. Box 8033, North Port, FL 34287	None	None	See note	See note	Yes	Yes	Yes	This is a construction site with heavy equipment sitting on a small sand base adjacent to waterways and man-made lakes. Tanks are a fuel truck and a water trailer. Minor evidence of petroleum contamination.
06/04/1999	Bee Ridge Veterinary Clinic	3164 Bee Ridge Road, Sarasota, FL 3239	Sarasota Co	Septic	No	Yes	No	No	No	No
06/15/1999	Don & Mike's Boat Rentals	482C Blackburn Point Rd. Osprey, FL 34229	Private Well	Septic	No	No	Yes	No	No	No

Hazardous Waste NPDES Screening Inspections
1999

Date of Inspection	Facility Name	Facility Address	Water Supply	Sewage System	Floor Drains Y or N	Storm Drains Y or N	Surface Water Y or N	Tanks Y or N	Stressed Vegetation/ Disturbed Soils	Further Investigation
06/15/1999	Lighthouse Boatyard	480 Blackburn Point Road, Osprey, FL 34229	Private Well	Septic	No	No	Yes	Yes	Yes	No
06/16/1999	Fruitville Veterinary Clinic	719 Honore Avenue, Sarasota, FL 34232	Sarasota Co.	Septic	No	Yes	No	No	No	No
06/16/1999	C M T Service Corp	951 Packinghouse Rd. Sarasota, FL 34232	Sarasota Co.	Sarasota Co.	No	No	No	No	No	No
06/17/1999	Ryder Managed Logistics System	221 S Seaboard Ave, Venice, FL	City of Venice	City of Venice	No	No	No	Yes	No	No
06/17/1999	Jeffery Janoff DMD	333 W Miami, Venice, FL 34285	City of Venice	City of Venice	No	No	No	No	No	No
06/21/1999	The Art of Marble & Granite	991 Packinghouse Road, Sarasota	Sarasota Co.	Sarasota Co.	No	No	No	No	No	No
06/23/1999	Animal Medical Clinic	2959 Fruitville Rd. Sarasota, FL 34237	Sarasota Co.	Sarasota Co.	Yes	Yes	No	No	No	No
06/23/1999	Bay Ford New Holland, Inc.	6000 Palmer Blvd. Sarasota, FL 34232	Sarasota Co.	Sarasota Co.	No	No	No	No	No	No
06/24/1999	Osprey Marina	480-1/2 Blackburn Point Rd, Osprey, FL 34229	Private Well	Septic	No	Yes	Yes	Yes	No	No
06/28/1999	Douglas Sims MD	329 Nokomis Ave S, Venice, FL 34285	City of Venice	City of Venice	No	Yes	No	No	No	No
06/28/1999	Brue's Auto Body & Paint Shop	701 S Tamiami Trail, Osprey, FL 34229	Private well	Septic	No	Yes	No	No	No	No
06/28/1999	Endodontic Associates	321 S Nokomis Ave, Venice, FL 34285	City of Venice	City of Venice	No	Yes	No	No	No	No
06/28/1999	Wal-Mart	4150 S Tamiami Trail, Venice, FL 34293	Sarasota Co.	Sarasota Co.	Yes	Yes	Yes	Yes	No	No
07/01/1999	AM Electric of Venice Inc.	160 Rich St, Venice, FL 34292	Private well	Septic	No	No	No	Yes	No	No
07/07/1999	Classic Cycles	4540 Clark Road, Sarasota, FL 34233	Sarasota Co.	Septic	No	No	No	No	No	No

Hazardous Waste NPDES Screening Inspections
1999

Date of Inspection	Facility Name	Facility Address	Water Supply	Sewage System	Floor Drains Y or N	Storm Drains Y or N	Surface Water Y or N	Tanks Y or N	Stressed Vegetation/ Disturbed Soils	Further Investigation
07/08/1999	J & H Diesel Truck Service Mobil Extra	2350 15th St, Sarasota, FL 34237	City of Sarasota	Septic	Yes	Yes	No	No	No	No
07/14/1999	Express Southgate	3902 S. Tamiami Trail 2821 Bee Ridge Road	Sarasota Co.	Sarasota Co.	No			Yes	No	No
07/14/1999	Animal Clinic	Sarasota, FL 1150 Sinead Ave.	Sarasota Co.	Sarasota Co.	No	No	No	No	No	No
07/19/1999	Major Mica Inc Silvers Auto	Sarasota, FL 34237 403 E. Colonia Lane.	Sarasota	City of Sarasota	No	No	No	No	No	No
07/20/1999	Repair	Nokomis, FL 34275 3900 Clark Road, Suite	Private well	Septic	No	No	No	Yes	No	No
07/22/1999	Tanning Zone Edelin &	1, Sarasota, FL 2041 26th St, Sarasota,	Sarasota Co.	Sarasota Co.	No	Yes	Yes	No	No	No
08/02/1999	Company Inc.	FL 34234 1570 N Washington	Sarasota Co.	Sarasota Co.	No	No	No	No	No	No
08/02/1999	Mauco Creative Jewelry	Sarasota, FL 34236	Sarasota Co.	Sarasota Co.	No	Yes	No	No	No	No
08/11/1999	Designs Friendly	6635 Superior Ave 2131 13th St, Sarasota,	Sarasota Co.	Sarasota Co.	No	No	No	No	No	No
08/17/1999	Simcoast Pools North Port Auto	FL 34237 5180 Trott Circle, North	City of Sarasota	City of Sarasota	No	No	No	Yes	No	No
08/27/1999	Body	Port, FL 34287	City of North Port	City of North Port	No	Yes	No	No	No	No
08/27/1999	North Port Small Engine Repair	5180 Trott Circle, Unit C, North Port, FL 34287	City of North Port	City of North Port	No	Yes	No	No	No	No
08/27/1999	North Port Radiator	5180 Trott Circle, North Port, FL 34287	City of North Port	City of North Port	No	No	No	No	No	No
09/02/1999	Waste Management (General Sanitation)	5710 Pinkney Ave Sarasota, FL	Sarasota Co.	Sarasota Co.	No	No	No	Yes	No	No
09/03/1999	Elite Automotive Sarasota County Fleet	5180 Trott Circle, Unit K, North Port, FL 34287	City of North Port	City of North Port	No	Yes	No	Yes	No	No
09/15/1999	Management Sarasota County Knights Trail	4571 SR 776, Venice, FL 34293	Sarasota Co.	Septic	No	Yes	Yes	Yes	Yes	No
09/16/1999	Park	3445 Rustic Road, Nokomis, FL 34275	Private well	Septic system	No	Yes	Yes	Yes	No	No

Hazardous Waste NPOES Screening Inspections
1999

Date of Inspection	Facility Name	Facility Address	Water Supply	Sewage System	Floor Drains Y or N	Storm Drains Y or N	Surface Water Y or N	Tanks Y or N	Stressed Vegetation/ Disturbed Soils	Further Investigation
09/23/1999	Sarasota County Public Works, Road & Bridge	4571 SR 776, Venice, FL 34293	Sarasota Co.	Septic system	No	Yes	Yes	Yes	Yes	Yes
10/21/1999	Sarasota County Central County Solid Waste Operations	4000 Knight's Trail Road, Nokomis, FL 34275	Private well	Septic system	No	Yes	No	Yes	Yes	No
10/26/1999	Sarasota County Animal Control	5407 Pinkney Ave, Sarasota, FL 34233	Sarasota Co	Sarasota Co	Yes	No	Yes	Yes	No	No
11/01/1999	Sarasota County Community Services	6730 Clark Rd, Sarasota, FL 34241	Sarasota Co	Sarasota Co.	No	Yes	Yes	Yes	No	No
11/01/1999	Sarasota County Plantation Utilities	921 Woodbridge Dr, Venice, FL	Sarasota Co	Sarasota Co	No	Yes	Yes	Yes	No	No
11/02/1999	Sarasota County General Services, Publication	2055 Adams Lane, Sarasota, FL 34237	City of Sarasota	City of Sarasota	Yes	No	No	No	No	No
11/17/1999	Sarasota County Utilities, Venice Gardens	375 Venice East Blvd Venice, FL 34292	Sarasota Co	Sarasota Co	Yes	No	Yes	Yes	No	No
11/17/1999	Sarasota County Clerk of Courts, Records Center	1679 Northgate Blvd, Sarasota FL 34234	Dolomite	Dolomite	No	No	No	No	No	No
11/17/1999	City of Sarasota Equipment Maintenance	1761 12th Street, Sarasota, FL 34237	City of Sarasota	City of Sarasota	No	Yes	Yes	Yes	No	No
11/30/1999	Sarasota County Mosquito Management Services	5531 Pinkney Ave, Sarasota FL 34233	Sarasota Co	Sarasota Co.	No	Yes	Yes	No	No	No

Hazardous Waste NPDES Screening Inspections
1999

Date of Inspection	Facility Name	Facility Address	Water Supply	Sewage System	Floor Drains Y or N	Storm Drains Y or N	Surface Water Y or N	Water Tanks Y or N	Stressed Vegetation/ Disturbed Soils	Further Investigation
12/08/1999	Sarasota County Community Services	1891 12th Street, Sarasota, FL 34237	City of Sarasota	Septic system	No	No	No	No	No	No
12/08/1999	Sarasota County Public Works, Logistics	100 Cattlemen Road, Sarasota, FL 34232	Sarasota Co.	Sarasota Co.	No	Yes	Yes	No	No	No
12/13/1999	Sarasota County Health Dept, Engineering Lab	1301 Cattlemen Road, Sarasota, FL 34232	Sarasota Co.	Sarasota Co.	No	Yes	No	No	No	No
12/14/1999	Sarasota County Health Department South	7829 S Tamiami Trail, Bldg B2 Venice, FL 34293	Sarasota Co.	Sarasota Co.	No	Yes	Yes	No	No	No
12/14/1999	Sarasota County North Port Aquatic Center	5925 Greenwood Ave, North Port, FL 34286	City of North Port	City of North Port	Yes	Yes	No	No	No	No
Total 72 inspections										

1998 CITIZEN COMPLAINT LOG

CITIZEN COMPLAINTS

HAZARDOUS WASTE COMPLAINT NO.	DATE/TIME	LOCATION	MATERIAL/APPROX. VOLUME	CURRENT STATUS	EMERGENCY RESPONSE	RESPONSE TO CITIZEN COMPLAINT	LOCATION
1048	1/13/1999 1000 am	Gene Green Road (off Knights Trail Road)	Kerosene/fuel oil	Tank containing fuel oil/kerosene was dumped on side of road, leaking into ground. This action was seen by APAC contractor, reported to county. Called DEP/BLR, sent down to clean up spill and remove tank and its contents. 1/14/99 - Report sent to Det. Sarnoy, SSO for investigation.	x Bruce Maloney, Pollution Control		County
1051	1/15/1999 1550	Palmer Boulevard	Leaking battery on north side of sidewalk on Palmer	Battery picked up and brought to Bee Ridge HHCC facility 1/15/99		x	County
1052	1-28-1999	Spring-In Road	Discharge of bentonite and water mixture from ground boring operation into stormwater canal, from there into pond.	Company, Communication: Poire, admitted discharge of material into canal, thought it was okay. Informed discharge was prohibited and would have to cease immediately. Referred to John Ryan, Pollution Control for follow up. Closed 2/6/99		x Kelly Kent, 921-7086	County
1053	2-20-1999	Pence Market Place 1692 US Hwy 41, Venice	One abandoned drum containing oil and water, leaking	Fire Dept overpacked leaking drum into poly container. Owner contacted, billed for overpack, he will dispose of drum. closed	x		County Venice
1055	12/30/1998	East side of Iona Road by canal	Numerous drums, appear to contain petroleum waste/water	Owner of property, Howard Horton, unable to contact. Referred to DEP/BLR 1/13/99, Jaime Arto closed		x Referred from John Ryan, Pollution	County
1059	2-5-1999	4658 Centergate Blvd	2 gallons hydraulic fluid discharged to ground	WMI broke hose, discharged fluid to ground. Absorbent applied and disposed of.		x WMI	County

1999 CITIZEN COMPLAINT LOG

ILLEGAL DISCHARGES

HAZARDOUS WASTE COMPLAINT NO	DATE/TIME	LOCATION	MATERIAL/APPROX. VOLUME	CURRENT STATUS	EMERGENCY RESPONSE	RESPONSE TO CITIZEN COMPLAINT	LOCATION
1060	2/15/1999	River Road at I-75 (east side)	Approx. 20 gallons diesel fuel spilled from leaking fuel tank onto ground	Fire Dept slowed leak. Responsible party, David Kuxhausen, 96 Sarasota Cir Blvd, Sarasota 34240, Tel 379-6603, off loaded remaining fuel into another tank, cleaned up contaminated soil, replaced with clean fill. Closed 2/22/99	x		County
1064	3/22/1999	12150 Lena Road, Sarasota	Approximately 1 gallon hydraulic oil to ground	WMI truck broke hose, spilling oil. They applied absorbent and disposed of 3/22/99. Closed		Circle Little, WMI	County
1067	3/25/1999	Calwood Business Park, Progress Circle, Venice	Approx. gallon of paint dumped on ground	Inspected 3/31/99. There was cleanup residue from remodel of warehouse. Painter advised this was improper disposal. Property owner Christopher Knip, 484-3174 advised of regulations. 4/13/99 - new concrete covering entire area, old secondary containment box removed. Closed		Classic Countertops 103 Progress	Venice
1070	4/2/1999	5901 DeSoto Road	Less than 5 gallons oil and fluids	Forklift flipped over into drainage ditch, leaking oil and fluids into waterway. Forklift owned by ASAP Rental. Fluids in water cleaned up with absorbent pads. ASAP assumed responsibility for disposal of pads and captured fluids. Closed	x SCFD		County
965	5/13/1999	1170 US 41 Bypass, Venice	Uncovered oil drums discharging oil to ground. Also unmarked containers, 1 drum of paint/solids	5/22/99 all materials removed (oil, waters, paint solids, site cleaned up			Venice
970	4/5/1999	4221 McNeish	Old refrigerator tray with used motor oil and filler	Tray left in drainage ditch. Materials picked up and taken to Bee Ridge HAWC station. Soil that was also cleaned up		X John MacNeil, Wison Miller Surveying	County

1999 CITIZEN COMPLAINT LOG

ILLEGAL DISCHARGES

HAZARDOUS WASTE COMPLAINT NO.	DATE/TIME	LOCATION	MATERIAL/APPROX. VOLUME	CURRENT STATUS	EMERGENCY RESPONSE	RESPONSE TO CITIZEN COMPLAINT	LOCATION
972	5/7/1999	1499 Kendallworth	Contaminated soil on dumpster awaiting pre-burn uncovered and unprotected, near waterway.	Contacted Env. Consulting, dumpster not correctly manifested thru WML as containing absorbents. Dumpster was covered and secured until new manifest issued. WML picks up.		DEP, Nancy Knight	County
1068	4/3/1999	423 S. Wood Drive, Venice	Gallon jugs of gas and oil left in box leaking	Materials picked up and taken to JRTS 4/3/99		x Mrs. Kinne, 465-5909	Vendor
1069	4/3/1999	Northside I-75 at MIA 213	50 gallons of diesel fuel from ruptured fuel tank on Publix truck	Area 10 x 10 staked. Publix arranged for ACI to clean up, completed 5/10/99.	x Lt. Walsh, SCFD		County
1065	5/2/1999	7539 Fruitville Road Sarasota Scott Paint Co	Approx. 200 gallons of oil based paint and 1,000 gallons of latex paint spilled off racks inside of building onto floor.	Oil Base paint was vacuumed up and put into drums for reuse. Latex paint cleaned with absorbent, dried with fans, put in dumpsters for disposal. Closed 9/11/99		Timothy Rice, FDEP	County
1081	4/21/1999	29 Interstate Court	13 - 5 gallon containers of paint thinner left illegally in company company, A/C Designer Floors.	Contacted store, Lisa Ann. Referred her to DEP Emg. Respos. Finally obtained copy of fire report to send to their insurance company so they would handle claim. 6/3/99 Removed cans from dumpster. Closed	x Kent Watson, SCFD		County
1090	4/5/1999	1159 Sneed Avenue	5 Gallon container of ammonium hydroxide	Container put into garbage dumpster, fuming. HW provided special Ops 88 with 55 gallon drum wheelbarrow. Material picked up and taken to BR HHWC station. Responsible party for disposal Paver Development Corp. sent bill for disposal on 4/20/99, \$62.50	x Sp Ops 88		City of Sarasota

1999 CITIZEN COMPLAINT LOG

ILLICIT DISCHARGES

HAZARDOUS WASTE COMPLAINT NO.	DATE/TIME	LOCATION	MATERIAL/APPROX. VOLUME	CURRENT STATUS	EMERGENCY RESPONSE	RESPONSE TO CITIZEN COMPLAINT	LOCATION
1094	5/17/1999	5851 Bee Ridge Road Chili's Restaurant	Discharge of cleaning products to storm drain. Product, sodium metasilicate, had pH of 13.	Met with staff and advised to cease discharge. Advised Pollution Control, Laura Amosson, who responded. NOV will be issued for this prohibited discharge.		x Mark Engel, Loris Rose, HW. Referred to Pollution Control	County
1095	7/15/1999	4542B Clark Road Custom Signs Factory	Over-spray from painting of signs contaminated gravel	HW visited, advised Custom Signs to discontinue the practice, clean up gravel and properly dispose of, with proper disposal receipts.		x David Sisson, Electro Bore 927-1017	County
1096	7/7/1999	3391 N. Tamiami Dumpster behind Cabinet Innovations	Strong solvent smell in dumpster reported	Inspected dumpster 3 different days over 2 week period. No illegal disposal noted. Inspected tag management. HW storage drum and paint booth at Cabinet Innovations. Closed 7/15/99		x Anonymous	County Nokomis
1097	7/23/1999	5731 Bee Ridge Doctors Hospital	35 gallons diesel fuel from 10000 gallon diesel tank broken, to driveway	Area cordoned off/containment absorbent put in place. SWS cleaned up same day. Closed 7/23/1999	x Chief Riggall, SCFD		County
1098	8/13/1999	420 Tamiami Trail, Venice	Paintwater from bed of pickup spilled onto ground	Residue on street dried up. Wet paint was absorbed by kiddy litter. by Venice Ron Secours and disposed of. Closed		x Stacey (City of Venice)	Venice
1101	4/6/1999	Jackson Road Transfer station	Commercial load of paint left at household facility	Unable to locate owner of company. Case closed 5/14/99		x Jerry Palmer, HW	County
1102	5/16/1999	475 Northbound @ MM 210 (Fruitville Road ramp)	75 gallons diesel fuel spill, onto roadway. Dirt from roadway used to cover spill, along with pavement patch.	Cleanup done by SWS 5/16/99. Responsible party Jesus Torres Vasquez, 9364 N Dos palos, Firebaugh, CA 93622. Closed 5/14/99	x	Lt. Dilon, SCFO	County

1999 CITIZEN COMPLAINTS

FLUID DISCHARGES

HAZARDOUS WASTE COMPLAINT NO.	DATE/TIME	LOCATION	MATERIAL/APPROX. VOLUME	CURRENT STATUS	EMERGENCY RESPONSE	RESPONSE TO CITIZEN COMPLAINT	LOCATION
1163	5/10/99	1761 Osceola, Sarasota	40 gallons hydraulic oil	Responsible party Montgomery Buick, Cleman, FL, 800-725-0799. A/C contracted to do clean up on 5/14/99. Will be on site 5/17/99	x Steve Gamis, FD Special Ops 88		County Sarasota
1164	5/12/99	1750 12th Street, Sarasota City of Sarasota WWT	Compound found in effluent that exceeds MCL S - Bis (2-ethylhexyl) phthalate	HW researched chemical to find possible generators. Used databases to locate companies that might generate this chemical, provided to Javier Vargas 5/13/99		x Javier Vargas, City of Sarasota	City of Sarasota
1165	5/17/99	228 N. Washington, Sarasota Spring Transmission	Report of transmission fluid leaking to ground behind business.	Inspected properly, no fluids found Closed 5/18/99		x Anonymous	City of Sarasota
1168	5/17/99	2001 Fiesta Drive Murphy's Roofing	Gasoline from truck leaking onto ground. Area approx. 1' x 1' contaminated	May 26 - Contaminated soil dug up and disposed of through Project Green Sweep Program Closed		x Edith Murray, 2014 Sandra's, Sarasota 924-7648	County
1169	5/19/99	1005 Honduras Place, Sarasota	Vandals dumped pesticides, motor oil, chlorine, window cleaner and shampoo into his spa and pond. Size of spa is 250 gallons, pond is preformed - 150 gallons	Owner unable to pay for clean up. After consultation with state DEP Emergency Response, HW staff used absorbent pads to clean up the jacuzzi and pond and disposed of at HW Station. Closed 5/20/99		x Bruce Porterfield 356-3427, owner	County
1170	5/19/99	45 Southshore Mall 202	75 gallons fuel from accident, tank ruptured. Spilled to ground.	Responsible party Simmons auto transport, Hubert Simmons Howco Env. Hired for clean up.	x Lt. Nutter, Sp Ops		County
1171	5/24/99	155 East Condon Street Englewood	30 gallon plastic drum found on property. Determined to contain 31 of quaternary organic ammonium salt solution	Disposed of thru county chemical collection program	x 911 Dispatch Barbara		County Englewood
1172	5/27/99	1133 Lynn Street Sarasota	1 gallon jug of muriatic acid, leaking, left on right of way.	Container removed, taken to HW station		x Nancy Purcell, 2233 Lynn St 922-6056	County

NEW CITIZEN COMPLAINTS

LIQUID DISCHARGES

HAZARDOUS WASTE COMPLAINT NO.	DATE/TIME	LOCATION	MATERIAL/APPROX. VOLUME	CURRENT STATUS	EMERGENCY RESPONSE	RESPONSE TO CITIZEN COMPLAINT	LOCATION
1174	6/5/1999	10000 Road 1/2 mile north of Bee Ridge on west right of way	Overturned garbage truck leaks approx. 30 gal. Diesel, 10 gal. hydraulic fluid, 10 gallons motor oil	WMP's insurance provider had SWS do site clean up, removed contaminated soil down to state requirements. Closed 6/14/99	x SCFD, Coffin		County
1176	6/10/1999	Property across street from 1800 Lescot Dr, Venice (Technical Institute grounds)	Reported seeing trucks dump material onto ground several times a day for several weeks	Dave Hoffman, Pollution Control, investigated and found no evidence of possible pollution 6/16/99		x Marilyn Bairdinger 493-8553	Venice
1177	6/14/1999	27th Street and Cross Bayway	Reported Acetone smell coming from storm drain - small fish have died	HW inspected site. Recent rainfall had removed any possible traces of contaminate. Complainant given number of Pollution Control for any further incidents		x Luisa VeRelle 451-1471 Lainie Arleo, DEP	
1178	6/10/1999	1781 Bee Ridge Road Exposing Radiant foot print	Truck leaking fuel left approx 50 gallons diesel fuel in parking lot and stormdrain.	Absorbent applied by Fire, boom put in stormdrain. SWS, clean up company, contacted and performed cleanup in parking lot and stormdrain. Closed 6/14/99	x SCFD, Coffin Pollution Control		County
1179	6/10/1999	7701 137th Street, Northbound	Approx. 50 gal diesel fuel and 10 gal oil from vehicle accident.	Responsible party P Tavilla Co Inc. Spill cleaned up by SWS Closed 6/14/99	x SCFD, Coffin Jamie Arleo, DEP Emergency Response		County
1180	6/24/1999	7711 137th St, Southbound	Approx. 50 gal diesel fuel re-cused to ground, line broken.	Young Trucking responsible party ECI performed cleanup. Spill going to Klee-Scil, Palmetto Closed 6/29/99	x SCFD, Watson Chris Rothbach, DEP Haz. Waste		County
1181	6/28/1999	14000 Bee Ridge Road WPC Station	Commercial load of paint and other material left over weekend at household collection station	Reported to Dave Sarney of Sara Co Sheriff's office Case #99-19567		x	County

1995 CITIZEN COMPLAINT LOG

ILLICIT DISCHARGES

HAZARDOUS WASTE COMPLAINT NO.	DATE/TIME	LOCATION	MATERIAL/APPROX. VOLUME	CURRENT STATUS	EMERGENCY RESPONSE	RESPONSE TO CITIZEN COMPLAINT	LOCATION
1182	7/5/1999	760 Apex Road Sunshine	15-20 gallons diesel fuel into stormdrain from vehicle accident	Responsible party storage business. Their insurance, State Farm, provided clean up thru FAC, John Bradshaw, on 7/22/99. Will provide report when finished		x David Hoffman Pollution Control	County
1184	7/5/1999	4001 Ocean Boulevard Siesta Key	15 gallons gasoline from boat which crashed into wall	Gasoline leaked into 3 5-gallon containers, taken to Ben Ridge FAC Station. No responsible party provided. Closed 7/9/99	x Bret Williams SCFD		County
1185	7/21/1999	Jim & Dee Ridge Road	Multiple car batteries, used oil in yard between demolition site/road	HW met with owner of property, Marathon Oil/Speedway and Venice Land Clearing. Advised them of proper management of law at demolition sites. They will dispose of materials properly Closed 7/23/99		x Kuren/Pollution Control	County
1186	8/3/1999	556 Hall Road, Gulf B. Distributors	Various chemicals (sealers, form release, solvents, concrete coatings, calcium chloride, chlorine) involved in fire 25 - 5 gallons pails (125 gallons)	Diversified Environmental Services hired to remediate site and dispose of contaminated products via hazardous waste transporter 8/5/99. On-site removal of soil started 8/18/99 received report from Ardamans	x		County
1189	8/4/1999	Reyn Road 1 1/2 mile north of 41 on east side of road	Tractor trailer ruptured both saddle tanks, 150 gallon diesel plus 35 gallon hydraulic tank	Saddle tanks ruptured in vehicle accident owned by Venice Land Clearing. Ardaman's contracted for cleanup	x SCFD		County

HAZARDOUS WASTE COMPLAINT LOG

LIQUID DISCHARGES

HAZARDOUS WASTE COMPLAINT NO.	DATE/TIME	LOCATION	MATERIAL/APPROX. VOLUME	CURRENT STATUS	EMERGENCY RESPONSE	RESPONSE TO CITIZEN COMPLAINT	LOCATION
1191	7/27/1999	5775 McIntosh Road Unique Technology, Inc.	Business dumping used thinners including xylene and MEK on ground around exterior of building. Also poured mud on ground used in cleaning hinges. This practice has been occurring at least 35 months.	Referred to DEP 7/30/99		x John Hatina	County
1194	8/24/1999	433 Whitwood Road, Venice	Box w/ 9-12 gallons plus 4-5 gallons of used oil on ground left by road by mailbox	Left note and business card advising where oil could be disposed of		x Neighbor	Venice
1195	8/29/1999	Retention Pond and Bee Ridge Retention Pond	1 quart oil	Truck submerged in retention pond, leaking fluids. Boom placed to absorb fluids, left overnight. Boom removed 11/29/99.	x	SCFD Ray Brounits	County
1198	8/10/1999	5870-5890 Draw Lane	water hose on Wm! truck discharged to ground	Absorbent applied and properly cleaned up and disposed of Closed 8/17/99		x	County
1199	8/11/1999	490 Blackburn Pointe Road Lighthouse Boat Yard	55 gallon drum washed up, they pulled out of mud with crane. Diesel sludge	Called DEP Emergency Response. They will have their contractor pick up and dispose	x DEP	PantLighthouse Boat yard	County
1201	9/13/1999	5180 Manasota Key Road	55 Gallon drum full/unknown	Drum washed up on beach. DEP/BER contractor picked up drum	x Pollution Control		County
1203	9/17/1999	5750 Pinkney Avenue, Sord	1 gallon hydraulic oil spilled onto ground	Wm! applied absorbent and disposed of		x Wm!	County
1204	9/27/1999	S.W. Road/Proctor Road Intersection, SE side	Less than 10 gallons of Dursban	Car hit lawn care vehicle, broke off valve, leaking Dursban onto roadway. Spill absorbed with spill magic, disposed of into landfill due to low percent concentration (<5%). Contents of truck transferred to other tank Closed 9/27/99	x SCFD		County

1995 CITIZEN COMPLAINT LOG

ILLICIT DISCHARGES

HAZARDOUS WASTE COMPLAINT NO.	DATE/TIME	LOCATION	MATERIAL/APPROX. VOLUME	CURRENT STATUS	EMERGENCY RESPONSE	RESPONSE TO CITIZEN COMPLAINT	LOCATION
1203	10/7/1999	1550 - 1520 Macawman, Sara	hydraulic brake fluid spilled onto roadway, ground	Absorbent applied and properly disposed of. Vendor contacted to pressure clean road. Closed.		x WHL	County
1217	11/6/1999	Bee Ridge Road, 1/4 mile west of Iona Road on north side of road	Approx. 50 gallons diesel fuel discharged onto ground	Valdewicz Trucking hauling sod for Swartz's Landscaping Inc. broke fuel line on semi-trailer. Spill cleaned up by EAC on 11/9/1999.	x Mark F. Smith Hwy. Waste		County
1218	11/10/1999	100 Springdale Plaza, Eureka	Area approx. 10' x 20' contaminated with diesel fuel from leaking generator pump, repaired for approx. 1 month.	Site being cleaned up by contractor, County Tank Program handling clean up process with GLE Associates, Inc.		x Anonymous	
1221	11/11/1999	10001 10th Street	Oil leaking transmission fluid to ground, into storm water basin	Reported to Pollution Control. An NJP issued, and ordered in clean up contingent.		Anonymous	County
1223	12/3/1999	University Parkway, 1/4 West of Longwood Rd. Rv	Approx. 75 gallons hydraulic fluid discharged from tractor trailer involved in accident	John Zamora Trucking Co. had SWS perform clean up of area. Closed 12/8/99.	x SCFD		County
58 Total							



1999 City of Sarasota Dry Weather Field Screening

<i>Date</i>	<i>Drainage Basin</i>	<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Violation</i>
02/25/1999	Philippi Creek	200 yards south of 17th St. on west side of Circus Blvd.	OF-SA-03	1282	No
02/25/1999	Philippi Creek	200 feet south of Bobby Jones Golf Course entrance.	OF-SA-03	1285	No
02/25/1999	Philippi Creek	Approximately 1/4 mile south of Bobby Jones Golf Course entrance	OF-SA-03	1288	No
02/25/1999	Philippi Creek	100 feet north of Bobby Jones Golf Course entrance	OF-SA-03	1298	No
02/25/1999	Philippi Creek	Circus Blvd., on curve south of 17th St., where 2 creeks join	OF-SA-03	1299	No
02/25/1999	Philippi Creek	Hideaway Condos on Bobby Jones Rd., off Fruitville Rd.	OF-SA-03	1397	No
02/25/1999	Philippi Creek	Northwest corner of Whispering Oaks, off Fruitville Rd., to ditch on south side of golf course	OF-SA-03	1411	No
02/25/1999	Philippi Creek	Northwest corner of Whispering Oaks, off Fruitville Rd., to ditch on south side of golf course.	OF-SA-03	1412	No
02/25/1999	Philippi Creek	Behind northeast corner of The Glen condos, on golf course	OF-SA-03	1297	No
03/04/1999	Philippi Creek	Behind 180 Mimosa Ct., outfall from pond.	OF-SA-03	1875	No
03/04/1999	Philippi Creek	Outfall from Bearded Oaks Estates storm water pond.	OF-SA-03	new	No
03/04/1999	Philippi Creek	Behind 443 Midwest Pkwy	OF-SA-03	1880	No
03/04/1999	Philippi Creek	Behind 353 Midwest Pkwy	OF-SA-03	1879	No
03/04/1999	Philippi Creek	Bearded Oaks Ct. Bridge	OF-SA-03	1878	No
03/04/1999	Philippi Creek	Wolverine St. and Midwest Pkwy - east corner	OF-SA-03	1876	No
03/04/1999	Philippi Creek	Behind 330 Mimosa Ct. discharge to pond	OF-SA-03	1874	No
03/04/1999	Philippi Creek	Behind 281 Midwest Pkwy	OF-SA-03	1877	No
03/05/1999	Philippi Creek	Behind 414 Melody Ln	OF-SA-03	1385	No
03/05/1999	Philippi Creek	Bahia Vista St. and Dice Ave., under road	OF-SA-03	2105	No

<i>Date</i>	<i>Drainage Basin</i>	<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Violation</i>
03/05/1999	Philippi Creek	1201 Beneva Rd. N. Faith Presbyterian Church parking lot	OF-SA-03	1254	No
03/05/1999	Philippi Creek	Behind 3350 Bailey Rd	OF-SA-03	1352	No
03/05/1999	Philippi Creek	Behind 740 Bailey Rd	OF-SA-03	1383	No
03/05/1999	Philippi Creek	Behind K-Mart in Town and Country Mall	OF-SA-03	1384	No
03/05/1999	Philippi Creek	Bahia Vista St. bridge at Lockwood Ridge Rd., southeast corner.	OF-SA-03	1727	No
03/05/1999	Philippi Creek	1201 Beneva Rd. N., Faith Presbyterian Church, north side	OF-SA-03	1278	No
03/05/1999	Philippi Creek	Bahia Vista St. bridge at Lockwood Ridge Rd., southwest corner	OF-SA-03	1676	No
03/05/1999	Philippi Creek	Bahia Vista St. bridge at Lockwood Ridge Rd., southwest corner	OF-SA-03	1737	No
03/08/1999	Philippi Creek	No access to outfall. Fruitville Rd. and Beneva Rd., under intersection.	OF-SA-03	1621	No
03/08/1999	BMP	929 Sunridge Dr., Sunridge Apts. off Royal Palms Apts	OF-SA-23	0045	No
03/05/1999	BMP	929 Sunridge Dr., Sunridge Apts., off Royal Palms Apts	OF-SA-23	0044	No
03/08/1999	BMP	929 Sunridge Dr., Sunridge Apts., off Royal Palms Apts	OF-SA-23	0043	No
03/05/1999	Philippi Creek	No access to outfall. Fruitville Rd. and Beneva Rd., under intersection	OF-SA-03	1395	No
03/05/1999	Philippi Creek	No access to outfall. Fruitville Rd. and Beneva Rd., under intersection	OF-SA-03	1396	No
03/05/1999	Philippi Creek	No access to outfall. Fruitville Rd. and Beneva Rd., under intersection	OF-SA-03	1882	No
03/08/1999	BMP	885 Mecca Dr., storm water swale in rear	OF-SA-23	0035	No
03/10/1999	Philippi Creek	Outfall not located. NW corner of Beneva and 12th St	OF-SA-03	0629	No
10/20/1999	Hudson Bayou	The Bayou Retirement Center, 730 S. Osprey Ave., center of parking lot	OF-SA-02	1246	No
10/20/1999	Hudson Bayou	The Bayou Retirement Center, 730 S. Osprey Ave., center of parking lot	OF-SA-02	1247	No
10/22/1999	Gulf of Mexico	Lido Public Beach, street drain north of Casridge Dr	OF-SA-28	1242	No

<i>Date</i>	<i>Drainage Basin</i>	<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Violation</i>
10/26/1999	Hudson Bayou	Ringling Blvd. & Euclid Ave	OF-SA-02	0574	No
10/26/1999	Hudson Bayou	Floyd Ave. & Schopf Ave	OF-SA-02	0875	No
10/26/1999	Hudson Bayou	Arlington St. & Shade Ave., northwest corner	OF-SA-02	0878	No
10/28/1999	Philippi Creek	17th St., 1/2 block east of Lockwood Ridge Rd	OF-SA-03	1267	No

1999 Sarasota County Dry Weather Field Screening

<i>Date</i>	<i>Drainage Basin</i>	<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Violation</i>
03/09/1999	Phillippi Creek	West side of Scott Point	OF-SC-03	1023	No
03/09/1999	Phillippi Creek	Behind 757 Apex Rd	OF-SC-03	0031	No
03/09/1999	Phillippi Creek	Behind 1240 Fox Creek Dr	OF-SC-03	1018	No
03/09/1999	Phillippi Creek	Shadow Ridge Ct. lake discharge	OF-SC-03	1030	No
03/09/1999	Phillippi Creek	2133 Shadow Oaks Dr., off Porter Rd	OF-SC-03	1033	No
03/09/1999	Phillippi Creek	Behind 2037 E. Loewynn Dr	OF-SC-03	1047	No
03/09/1999	Phillippi Creek	Sun 'N' Fun RV Park at River Rd. and Ave. A	OF-SC-03	1060	No
03/10/1999	Phillippi Creek	Pipe under Lockwood Ridge Rd. and Monica Pkwy	OF-SC-03	0071	No
03/10/1999	Phillippi Creek	Upstream of 17th St. and Circus Blvd	OF-SC-03	0029	No
03/10/1999	Phillippi Creek	East side of entrance to Deer Hollow subdivision	OF-SC-03	0097	No
03/10/1999	Phillippi Creek	4625 Globe Farm Rd	OF-SC-03	2098	No
03/10/1999	Phillippi Creek	Richardson Rd. at entrance to Deer Hollow subdivision	OF-SC-03	0002	No
03/12/1999	Phillippi Creek	Not possible to locate outfall	OF-SC-03	1081	No
03/12/1999	South Creek	Dove St. at very south end.	OF-SC-08	1705	No
03/12/1999	South Creek	No access to outfall. Outfall not located Wetland to wetland	OF-SC-08	1651	No
03/12/1999	Phillippi Creek	Ree Ridge Rd. west of Bent Tree entrance	OF-SC-03	2093	No
03/12/1999	Phillippi Creek	Laurel Oaks Golf Club	OF-SC-03	2092	No
03/12/1999	Phillippi Creek	6138 Walter Travis Dr. in Laurel Oaks subdivision	OF-SC-03	1053	No
03/12/1999	Phillippi Creek	2177 Walter Travis Dr. in Laurel Oaks subdivision	OF-SC-03	1050	No

<i>Date</i>	<i>Drainage Basin</i>	<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Violation</i>
03/12/1999	Philippi Creek	Between Shadow Wood Ln. and Shadowlakes Dr.	OF-SC-03	1040	No
03/12/1999	Philippi Creek	Sarasota Golf Club Blvd., East of Shadow Wood Ln.	OF-SC-03	1036	No
03/12/1999	Philippi Creek	2234 Shadow Wood Ln.	OF-SC-03	1037	No
03/16/1999	Whitaker Bayou	1250 Northgate Blvd. behind Gulfstar Industries	OF-SC-01	2089	No
03/16/1999	Philippi Creek	Ditch on east side of San Jose Dr. in DeSoto Lakes subdivision	OF-SC-03	0001	No
03/16/1999	Philippi Creek	East end of Sawgrass Rd. off Honore Ave.	OF-SC-03	0017	No
03/17/1999	Philippi Creek	2000 Tangierwood Dr.	OF-SC-03	0842	No
03/17/1999	Philippi Creek	North side of Hyde Park, west of Tuttle Ave.	OF-SC-03	0856	No
03/17/1999	Philippi Creek	316 Searcey Ave.	OF-SC-03	0866	No
03/17/1999	Philippi Creek	Southeast corner of Sara Lakes MHP, along creek	OF-SC-02	2021	No
03/17/1999	Philippi Creek	Not possible to locate outfall	OF-SC-03	2059	No
03/17/1999	Philippi Creek	Not possible to locate outfall	OF-SC-03	0052	No
03/17/1999	Philippi Creek	NE end of 7th St. in Alpha MHP, east end of Hawthorn St.	OF-SC-03	0854	No
03/18/1999	Philippi Creek	North side of Park Christian School	OF-SC-03	0585	No
03/18/1999	Philippi Creek	Shade Ave. and Hailey Ln.	OF-SC-03	2103	No
03/18/1999	Philippi Creek	5252 S. Tamiami Trail, Kanes Furniture	OF-SC-03	2101	No
03/18/1999	Philippi Creek	Bell Ave. and Bee Ridge Rd.	OF-SC-03	0812	No
03/18/1999	Philippi Creek	Northwest of Beneva Rd. and Prester Rd.	OF-SC-03	0465	No
03/18/1999	Philippi Creek	Northeast corner of lake at Camelot Lakes East MHP auditorium	OF-SC-02	0405	No
03/18/1999	Philippi Creek	4082 Shade Ave.	OF-SC-03	0235	No

<i>Date</i>	<i>Drainage Basin</i>	<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Violation</i>
03/18/1999	Philippi Creek	4131 Bee Ridge Rd	OF-SC-03	0183	No
03/18/1999	Philippi Creek	North side of Bee Ridge Rd. and Sawyer Rd	OF-SC-03	0192	No
03/18/1999	Philippi Creek	West of Wilkinson Rd. and Swift Rd	OF-SC-03	0110	No
03/18/1999	Philippi Creek	Riverbluff Pkwy. and Riverbluff Ct	OF-SC-03	1878	No
03/18/1999	Philippi Creek	4195 Shade Ave	OF-SC-03	0237	No
03/19/1999	Philippi Creek	Behind 6307 Kanana Dr	OF-SC-03	0048	No
03/19/1999	Philippi Creek	Behind 2220 N. Huntington Ave., off Wistena	OF-SC-03	0799	No
03/19/1999	Philippi Creek	Southwest corner of Cattlemen Rd. and Webber Rd	OF-SC-03	0340	No
03/19/1999	Philippi Creek	Behind 6580 Mauna Loa	OF-SC-03	0121	No
03/19/1999	Philippi Creek	South side of 2601 Cattlemen Rd. FOC1 building	OF-SC-03	0037	No
03/19/1999	Philippi Creek	Behind 6571 Friendship Dr	OF-SC-03	0127	No
10/22/1999	Little Sarasota Bay	West end of Livingstone St. at Tropical Shores Marina	OF-SC-24	2111	No
10/22/1999	Blackburn Bay	Spanish Lakes MHC, north side of entrance, 75 feet left of Spanish Lakes Dr	OF-SC-24	2057	No
10/22/1999	Blackburn Bay	111 Palm Ave. north of US 41 & US 681 Lake in the Woods subdivision	OF-SC-24	2058	No
10/26/1999	Gulf of Mexico	Swale in front of 6535 Midnight Pass Rd	OF-SC-29	2106	No
10/26/1999	Philippi Creek	1301 Cattlemen Rd. retention pond	OF-SC-03	0032	No
10/26/1999	Philippi Creek	Cattlemen Rd., old Cox Lumber building	OF-SC-03	0279	No
10/26/1999	Philippi Creek	N. Cattlemen Rd. west side	OF-SC-03	0014	No

E. HIGH RISK

1999 City of Sarasota Industrial Inspections

<i>Date</i>	<i>Business Name</i>	<i>Type Facility</i>	<i>SIC</i>	<i>Permit Status</i>	<i>Violation</i>
05/10/1999	B & R Mast & Rigging	Mast & rigging manufacturing	2499	out of business	No
12/03/1999	English Ironworks, Inc.	Architectural and ornamental iron work	3446	none	No
12/03/1999	Renchino Amusements / Zaccini Machine Shop	Inactive machine shop. Storage and repair facility for the amusement company	3599	Mostly storage	No
12/03/1999	The Yacht Center, fka Great American Marine	Boat building, repair, and sales	3732	EPA Multi-Sector General Permit	No
12/03/1999	Southdown Concrete, Inc. fka Florida Mining and Minerals	Concrete plant	3273	FDEP Generic Permit pending	No
12/03/1999	Seibin Printing	Commercial printing company	2759	No exposure	No
12/06/1999	Florida Power & Light (FPL) Sarasota Service Center	Fleet maintenance facility	49	none	No
12/06/1999	Pac Tec Div. / LaFrance Corp.	Injection molding of electric cabinets, name plates, and other items from pelletized plastic	3089	Possible FDEP RW permit required	No
12/06/1999	KTI / FCR / Resource Recovery Systems	Receives material from local recycling efforts. Separates glass, plastic, and paper for shipping off-site.	5093	Possible permit required	No
12/17/1999	Architectural Marble Importers	Fabrication and installation of marble & granite products	3281	Possible permit required.	No
12/17/1999	Ray Routh, Inc.	Custom cabinet manufacturing	2434	No exposure	No
12/20/1999	Sterling Manufacturing, Inc.	Fabricates custom counter tops, primarily using acrylic laminate (Corian)	2541	Possible permit required, due to	No

1999 Sarasota County Industrial Inspections

<i>Date</i>	<i>Business Name</i>	<i>Type Facility</i>	<i>SIC</i>	<i>Permit Status</i>	<i>Violation</i>
01/04/1999	Cabinet World, Inc.	Cabinets	2434		No
01/04/1999	Taranto Dental Lab, Inc.	Teeth manufacturing	3843	small office only	No
06/02/1999	Lovenet	Magazine publisher	2721	home office	No
06/03/1999	Designer's Touch	Shade manufacturing	2211	small business.	No
06/03/1999	Signs By Tomorrow, Inc.	Signs	3993	light industrial facility exemption	No
06/03/1999	Jordan Research Corporation	Electrical equipment	3699	light industrial facility exemption	No
06/03/1999	Medical Equipment Repair Service	Respiratory equipment	3845	light industrial facility exemption	No
06/03/1999	Quality Recovering	Kitchen cabinets manufacturing	2434	light industrial facility exemption	No
06/03/1999	Village Woodworking	Custom made cabinets	2434	light industrial facility exemption	No
06/07/1999	JMS Wire, Inc.	Wire-cable broadcasting equipment	3663	light industrial facility exemption	No
06/07/1999	Chamfer Master Tool Co.	Machinery manufacturing	3525	light industrial facility exemption	No
06/07/1999	Craftsman Cabinet Works of Sarasota	Cabinets	2434	out of business	No
06/07/1999	Herb Liechty	Kitchen cabinets manufacturing	2434	light industrial facility exemption	No
06/07/1999	Mercer Testing Co., Inc.	Electrical equipment, supplies, testing.	3643	light industrial facility exemption	No
06/07/1999	Mel Yoder Furniture, Inc.	Furniture manufacturing	2511	light industrial facility exemption	No
06/07/1999	Framco Environmental Technologies	NA	NA	out of business	No
06/08/1999	Window Craftsman, Inc.	Aluminum products, windows	3442	light industrial facility exemption	No
06/21/1999	Cook Spring Co., Inc.	Springs and wire forms	3435	light industrial facility exemption	No
06/21/1999	W. W. Cabinets	Custom made cabinets	2434	small home business	No

<i>Date</i>	<i>Business Name</i>	<i>Type Facility</i>	<i>SIC</i>	<i>Permit Status</i>	<i>Violation</i>
06/22/1999	ASO Corporation	Sardage manufacturing	3851		No
07/27/1999	Custom Canvas	Boat lots	3752	small home business	No
07/27/1999	Therm O Type Corporation (Van Pelt Corp. Inc.)	Printing machine manufacturing	3579	no such address	No
09/02/1999	WES, Inc.	Environmental equipment	3823		No
09/02/1999	Proprietor Property Technologies (PPT)	Control panel manufacturing	3513	merged with WES, Inc.	No
10/27/1999	Idento Labels	Flexographic printing of labels (rolls)	2759	none	No
10/27/1999	Hasta La Pasta	Pasta and sauces for distribution to local restaurants.	2098	none	No
10/27/1999	Duraclean by Sweeney	Vehicle parking and chemical storage for carpet and drapery cleaning business.			No
10/27/1999	Garrel's Mobile Marine	Repair of diesel engines and marine generators - most work done in marinas but also at this address	7699	none	No
10/27/1999	Direct Carpet Cleaning	Vehicle parking, chemical storage, some on-site rug cleaning and repair. Most work performed in-residence.	7217	none	No
10/27/1999	Surplus Furniture Warehouse	Retail sales and furniture warehousing	5712	N/A	No
12/06/1999	Carbio Research, Inc. WWTF	WWTF	4952	Permit possibly required.	No
12/06/1999	Venetian MHP WWTF	WWTF	4952	Permit possibly required	No
12/06/1999	IMO Industries Inc. / Morse Controls / Hydraulic, Inc.	Manufacture and assemble hydraulic components for nautical steering systems	3492	Permit possibly required	No
12/07/1999	Winslow Marine Products Corp.	Life raft manufacturing	3069		No
12/07/1999	Lake Forest WWTF	Domestic waste water treatment plant	4952	storm water N/A	No
12/07/1999	Medical Center of Sarasota WWTF	Commercial / Domestic waste water treatment plant	4952	storm water N/A	No
12/07/1999	Ace Boat Hoist	Manufacturers of boat lifts and davits primarily with materials from another facility in Ohio	3536	none	No
12/07/1999	Clover Interior Systems, Inc.	Manufacturer of cabinets and counter tops.	2434	none	No
12/08/1999	JB Furniture	Furniture	2511	none	No

<i>Date</i>	<i>Business Name</i>	<i>Type Facility</i>	<i>SIC</i>	<i>Permit Status</i>	<i>Violation</i>
12/09/1999	Aladdin Equipment Co., Inc	Pool and spa filter parts manufacturing (cartridge filters, strainers)	3589	none	No
12/10/1999	Oak Ford (Union Golf) WWTF	Domestic Wastewater Treatment Facility	4952	storm water N/A	No
12/13/1999	Balsinger Ranch / Big E Ranch	Cattle Ranch / WWTF residuals site	0212	N/A	No
12/13/1999	Walton Ranch	Cattle Ranch / WWTF residuals site	0212	N/A	No
12/15/1999	Myakka Ranch	Cattle Ranch / WWTF residuals site	0212	N/A	No
12/16/1999	Midtron, Inc	Specialty electronics equipment (magnetometers, microwave devices)	3699	N/A	No
12/16/1999	Oscar Scherer WWTF	WWTF	4952	Permit possibly required	No
12/16/1999	Hilton International Industries, Inc	Manufactures custom, proprietary machines for winding capacitors	3559	N/A	No
12/17/1999	Johnston Ranch sludge site	WWTF sludge disposal site	N/A		No
12/20/1999	Precision Mold & Machine, Inc.	Machines industrial molds from aluminum stock	3544	N/A	No
12/21/1999	Murphy Ranch sludge site	WWTF sludge disposal site.			No
12/21/1999	City of Sarasota - Hi Hat Ranch pond	Sewage Effluent Discharge pond		FL0040508	No

F.B.I. DATA

IMATION

BAY DATA MAPS



APR 1995
1.44 MB
HD
100% FORMATTED
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1995 BAY DATA.xls



APR 1995
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1995 BAY DATA.xls



APR 1995
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1997 BAY DATA.xls



APR 1997
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1995 BAY DATA.xls
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IMATION

1994 BAY DATA.xls



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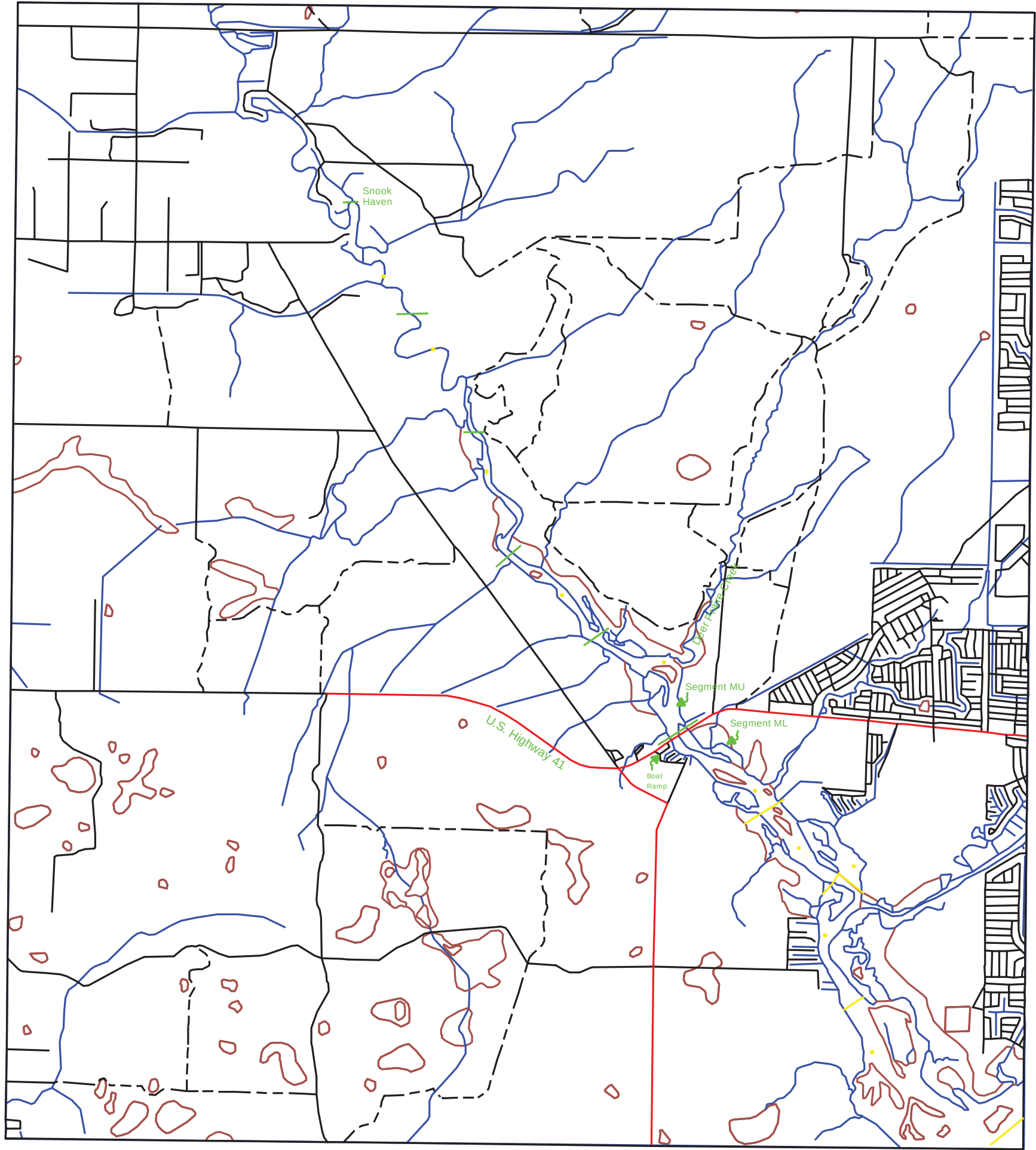


Table 1. Results of Laboratory Analyses and In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
10-1	1/23/1995	10:45 AM	Surface	3.0	0.2	16.04	7.98	7.83	32.44	49,700																
10-1	1/23/1995	10:45 AM	Mid	3.0	1.0	16.05	7.98	7.80	32.43	49,700	0.75	5	1.5	6.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.25	0.25	0.03	0.03	1.1	1.6
10-1	1/23/1995	10:45 AM	Bottom	3.0	2.8	16.04	7.99	7.79	32.42	49,700																
10-2	1/23/1995	1:50 PM	Surface	2.3	0.2	16.56	8.03	7.86	32.60	49,750																
10-2	1/23/1995	1:50 PM	Mid	2.3	1.0	16.53	8.03	7.81	32.61	49,750	0.71	5	2.4	15.6	<0.01	<0.01	0.04	0.04	<0.01	0.05	0.28	0.28	0.01	0.03	<1.0	1.3
10-2	1/23/1995	1:50 PM	Bottom	2.3	2.1	16.52	8.04	7.78	32.61	49,750																
10-3	1/23/1995	11:15 AM	Surface	2.0	0.2	16.39	7.89	7.67	32.63	49,750																
10-3	1/23/1995	11:15 AM	Mid	2.0	1.0	16.39	7.89	7.64	32.63	49,750	0.75	10	3.9	5.4	<0.01	0.01	0.10	0.11	0.01	0.10	0.26	0.27	<0.01	0.02	<1.0	1.5
10-3	1/23/1995	11:15 AM	Bottom	2.0	1.8	16.40	7.90	7.63	32.64	49,750																
10-4	1/23/1995	1:30 PM	Surface	4.0	0.2	16.53	8.07	8.08	32.78	49,950																
10-4	1/23/1995	1:30 PM	Mid	4.0	1.0	16.53	8.07	8.03	32.78	49,950	0.64	15	2.2	14.0	<0.01	0.03	0.11	0.14	0.03	0.12	0.28	0.31	<0.01	0.01	1.1	1.2
10-4	1/23/1995	1:30 PM	Bottom	4.0	3.8	16.53	8.07	8.02	32.78	49,950																
10-5	1/23/1995	1:00 PM	Surface	4.3	0.2	16.40	8.02	8.01	32.83	50,000																
10-5	1/23/1995	1:00 PM	Mid	4.3	1.0	16.40	8.02	7.94	32.82	50,000	0.60	5	3.3	8.0	<0.01	0.06	0.13	0.19	0.06	0.13	0.43	0.49	<0.01	0.01	1.1	1.5
10-5	1/23/1995	1:00 PM	Bottom	4.3	4.1	16.39	8.03	7.89	32.83	50,000																
11-1	1/23/1995	10:00 AM	Surface	3.6	0.2	15.87	8.06	7.83	32.06	48,350																
11-1	1/23/1995	10:00 AM	Mid	3.6	1.0	15.86	8.06	7.78	32.07	48,350	0.44	10	3.0	16.6	<0.01	0.02	0.08	0.10	0.02	0.08	0.20	0.22	0.02	0.02	<1.0	1.5
11-1	1/23/1995	10:00 AM	Bottom	3.6	3.4	15.86	8.07	7.74	32.07	48,350																
11-1rep	1/23/1995	10:00 AM	Surface	3.6	0.2	15.86	8.06	7.82	32.06	48,350																
11-1rep	1/23/1995	10:00 AM	Mid	3.6	1.0	15.86	8.06	7.78	32.07	48,350	0.66	10	2.7	15.0	<0.01	0.01	0.06	0.07	0.01	0.06	0.19	0.20	0.01	0.01	<1.0	1.5
11-1rep	1/23/1995	10:00 AM	Bottom	3.6	3.4	15.86	8.07	7.75	32.07	48,350																
11-2	1/23/1995	2:00 PM	Surface	2.8	0.2	16.36	8.02	7.95	32.43	49,530																
11-2	1/23/1995	2:00 PM	Mid	2.8	1.0	16.37	8.03	7.92	32.44	49,530	0.92	15	2.2	15.3	<0.01	0.01	0.13	0.14	0.01	0.13	0.24	0.25	<0.01	0.02	<1.0	1.2
11-2	1/23/1995	2:00 PM	Bottom	2.8	2.6	16.36	8.04	7.91	32.44	49,530																
11-3	1/23/1995	11:50 AM	Surface	2.3	0.2	16.26	7.99	8.00	32.46	49,530																
11-3	1/23/1995	11:50 AM	Mid	2.3	1.0	16.28	7.99	7.97	32.45	49,530	1.24	5	2.2	13.0	<0.01	<0.01	0.13	0.13	0.01	0.13	0.35	0.36	<0.01	0.01	<1.0	1.3
11-3	1/23/1995	11:50 AM	Bottom	2.3	2.1	16.27	8.00	7.95	32.45	49,530																
11-4	1/23/1995	12:15 PM	Surface	3.9	0.2	16.32	7.96	8.03	32.46	49,530																
11-4	1/23/1995	12:15 PM	Mid	3.9	1.0	16.30	7.98	7.96	32.44	49,530	0.74	10	2.6	14.6	<0.01	<0.01	0.03	0.03	<0.01	0.03	0.33	0.33	<0.01	0.01	1.6	1.5
11-4	1/23/1995	12:15 PM	Bottom	3.9	3.7	16.28	7.96	7.77	32.44	49,530																
11-5	1/23/1995	12:35 PM	Surface	3.9	0.2	16.52	7.96	7.88	31.59	44,920																
11-5	1/23/1995	12:35 PM	Mid	3.9	1.0	16.51	7.97	7.84	31.60	44,920	0.57	10	1.4	9.4	<0.01	<0.01	0.14	0.14	<0.01	0.14	0.26	0.26	<0.01	<0.01	<1.0	2.1
11-5	1/23/1995	12:35 PM	Bottom	3.9	3.7	16.52	7.98	7.83	31.60	44,920																
Equip Blank	1/23/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	<0.01	<0.01	<1.0	NA
13-1	1/25/1995	2:00 PM	Surface	1.5	0.2	14.76	7.94	8.47	30.99	47,560																
13-1	1/25/1995	2:00 PM	Mid	1.5	0.7	14.79	7.96	8.45	31.00	47,560	1.27	15	1.9	11.8	<0.01	<0.01	<0.01	<0.01	0.02	0.01	0.30	0.32	0.03	0.22	<1.0	1.5*
13-1	1/25/1995	2:00 PM	Bottom	1.5	1.3	14.81	7.96	8.44	31.00	47,560																
13-2	1/25/1995	1:45 PM	Surface	1.4	0.2	15.05	7.91	8.38	29.87	47,550																
13-2	1/25/1995	1:45 PM	Mid	1.4	0.7	15.06	7.93	8.25	29.89	47,550	0.66	15	0.6	8.6	<0.01	<0.01	<0.01	<0.01	0.04	0.01	0.30	0.34	0.02	0.22	<1.0	1.4*
13-2	1/25/1995	1:45 PM	Bottom	1.4	1.2	15.08	7.94	8.19	29.87	47,550																
13-3	1/25/1995	1:30 PM	Surface	1.5	0.2	15.10	7.93	8.65	28.50	47,540																
13-3	1/25/1995	1:30 PM	Mid	1.5	0.7	14.72	7.94	8.46	29.12	47,540	0.81	15	1.6	8.8	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	0.58	0.62	0.03	0.24	<1.0	1.5*
13-3	1/25/1995	1:30 PM	Bottom	1.5	1.3	14.70	7.94	8.32	29.12	47,540																
13-4	1/25/1995	1:00 PM	Surface	1.5	0.2	15.55	7.98	9.81	27.49	43,410																
13-4	1/25/1995	1:00 PM	Mid	1.5	0.7	14.62	7.90	8.69	28.39	43,440	0.75	15	1.4	7.8	<0.01	0.03	<0.01	0.03	0.14	0.18	0.40	0.54	0.03	0.22	<1.0	1.5*
13-4	1/25/1995	1:00 PM	Bottom	1.5	1.3	14.49	7.91	8.48	28.42	43,440																
13-5	1/25/1995	12:30 PM	Surface	1.0	0.2	14.37	7.87	8.02	26.95	42,290																
13-5	1/25/1995	12:30 PM	Mid	1.0	0.5	14.35	7.88	7.99	26.96	42,290	0.64	15	0.9	8.6	<0.01	0.03	<0.01	<0.01	0.04	<0.01	0.34	0.38	0.04	0.23	<1.0	1.0*
13-5	1/25/1995	12:30 PM	Bottom	1.0	0.8	14.45	7.91	8.03	27.04	42,290																
14-1	1/25/1995	12:00 PM	Surface	1.7	0.2	14.70	8.00	9.84	27.46	42,790																
14-1	1/25/1995	12:00 PM	Mid	1.7	0.8	14.67	8.03	10.04	27.47	42,790	0.80	15	0.5	7.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.36	0.36	0.04	0.22	1.1	1.7*
14-1	1/25/1995	12:00 PM	Bottom	1.7	1.5	14.72	8.12	10.95	27.45	42,790																
14-2	1/25/1995	11:30 AM	Surface	1.0	0.2	13.80	7.99	9.11	27.63	42,850																
14-2	1/25/1995	11:30 AM	Mid	1.0	0.5	13.83	8.02	9.17	27.67	42,850	1.11	15	1.4	10.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.37	0.37	0.03	0.22	<1.0	1.0*
14-2	1/25/1995	11:30 AM	Bottom	1.0	0.8	13.80	8.04	9.48	27.64	42,850																
14-3	1/25/1995	11:10 AM	Surface	0.6	0.2	13.39	7.94	8.47	27.72	42,900																
14-3	1/25/1995	11:10 AM	Mid	0.6	0.3	13.41	7.96	8.46	27.75	42,900	1.63	15	1.0	5.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.38	0.38	0.03	0.22	<1.0	0.6*
14-3	1/25/1995	11:10 AM	Bottom	0.6	0.4	13.40	7.97	8.48	27.73	42,900																
14-4	1/25/1995	10:50 AM	Surface	1.3	0.2	14.07	7.93	8.47	27.27	42,530																
14-4	1/25/1995	10:50 AM																								

Table 1. Results of Laboratory Analyses and In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
16-2	1/26/1995	10:30 AM	Bottom	1.2	1.0	14.40	7.85	7.83	29.79	45,000																
16-3	1/26/1995	10:45 AM	Surface	1.5	0.2	15.03	7.96	8.88	28.86	43,830																
16-3	1/26/1995	10:45 AM	Mid	1.5	0.7	14.75	7.91	8.69	29.13	44,960	1.11	15	1.1	14.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.39	0.39	0.02	0.06	<1.0	1.5*
16-3	1/26/1995	10:45 AM	Bottom	1.5	1.3	14.85	7.93	8.31	30.39	46,820																
16-4	1/26/1995	11:15 AM	Surface	0.7	0.2	15.79	7.90	8.25	31.32	48,000																
16-4	1/26/1995	11:15 AM	Mid	0.7	0.3	15.64	7.89	8.38	31.58	44,910	1.87	10	4.2	14.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.35	0.35	<0.01	0.06	1.1	0.7*
16-4	1/26/1995	11:15 AM	Bottom	0.7	0.5	15.68	7.90	8.35	31.81	48,950																
16-5	1/26/1995	11:30 AM	Surface	1.0	0.2	15.65	7.89	8.14	32.30	49,550																
16-5	1/26/1995	11:30 AM	Mid	1.0	0.5	15.30	7.90	8.07	32.73	49,920	0.76	10	2.0	10.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.36	0.36	<0.01	0.05	1.1	1.0*
16-5	1/26/1995	11:30 AM	Bottom	1.0	0.8	15.20	7.90	8.02	32.74	49,920																
Equip Blank	1/26/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
LB-1	1/26/1995	1:55 PM	Surface	1.5	0.2	16.14	7.87	8.47	26.94	42,290																
LB-1	1/26/1995	1:55 PM	Mid	1.5	0.7	16.16	7.88	8.45	26.93	42,290	0.97	15	1.5	13.8	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.27	0.29	0.03	0.06	<1.0	1.5*
LB-1	1/26/1995	1:55 PM	Bottom	1.5	1.3	15.90	7.86	8.60	27.07	42,290																
LB-2	1/26/1995	1:20 PM	Surface	3.0	0.2	16.01	7.88	8.76	25.92	40,650																
LB-2	1/26/1995	1:20 PM	Mid	3.0	1.0	16.03	7.90	8.80	25.94	40,650	1.02	15	1.2	5.6	<0.01	0.03	<0.01	0.03	0.03	<0.01	0.21	0.24	0.05	0.08	<1.0	2.3
LB-2	1/26/1995	1:20 PM	Bottom	3.0	2.8	16.00	7.92	8.89	26.01	40,650																
LB-3	1/26/1995	12:50 PM	Surface	1.0	0.2	16.20	7.94	8.65	27.04	42,290																
LB-3	1/26/1995	12:50 PM	Mid	1.0	0.5	15.72	7.92	8.35	27.21	42,300	1.30	30	0.7	2.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.48	0.48	0.05	0.11	1.1	1.0*
LB-3	1/26/1995	12:50 PM	Bottom	1.0	0.8	15.68	7.92	8.01	27.33	42,300																
LB-4	1/26/1995	12:30 PM	Surface	2.0	0.2	15.04	7.94	8.58	26.99	42,290																
LB-4	1/26/1995	12:30 PM	Mid	2.0	1.0	14.91	7.97	8.32	27.82	43,350	1.68	15	0.9	10.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.26	0.26	0.05	0.08	<1.0	2.0*
LB-4	1/26/1995	12:30 PM	Bottom	2.0	1.8	15.12	8.03	8.08	29.20	44,810																
LB-5	1/26/1995	12:00 PM	Surface	0.7	0.2	15.27	8.06	8.60	30.62	44,910																
LB-5	1/26/1995	12:00 PM	Mid	0.7	0.3	15.30	8.07	8.56	30.63	44,910	1.44	25	0.7	21.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.21	0.21	0.04	0.06	1.1	0.7*
LB-5	1/26/1995	12:00 PM	Bottom	0.7	0.5	15.31	8.08	8.57	30.67	44,910																
ML-1	1/24/1995	11:30 AM	Surface	1.6	0.2	15.86	7.05	8.28	0.20	411																
ML-1	1/24/1995	11:30 AM	Mid	1.6	0.8	15.88	7.11	8.00	0.48	855	0.53	100	0.7	1.0	<0.01	0.06	<0.01	0.06	0.06	<0.01	0.43	0.49	0.26	0.42	<1.0	1.2
ML-1	1/24/1995	11:30 AM	Bottom	1.6	1.4	18.39	6.95	5.11	0.76	1,432																
ML-2	1/24/1995	11:00 AM	Surface	1.1	0.2	15.77	7.07	8.14	0.29	442																
ML-2	1/24/1995	11:00 AM	Mid	1.1	0.6	15.77	7.08	8.11	0.29	444	0.55	110	0.9	1.4	<0.01	0.04	<0.01	0.04	0.05	<0.01	0.60	0.65	0.26	0.41	<1.0	1.1
ML-2	1/24/1995	11:00 AM	Bottom	1.1	0.9	15.77	7.08	8.11	0.29	445																
ML-3	1/24/1995	10:30 AM	Surface	0.6	0.2	15.78	7.30	8.69	1.11	2,265																
ML-3	1/24/1995	10:30 AM	Mid	0.6	0.3	15.77	7.34	8.87	1.12	2,270	0.59	125	1.7	6.0	<0.01	0.04	0.04	0.08	0.04	0.04	0.87	0.91	0.23	0.42	1.6	0.6*
ML-3	1/24/1995	10:30 AM	Bottom	0.6	0.4	15.76	7.40	9.14	1.12	2,270																
ML-4	1/24/1995	10:15 AM	Surface	1.4	0.2	16.10	7.28	8.23	0.73	752																
ML-4	1/24/1995	10:15 AM	Mid	1.4	0.7	16.10	7.30	8.21	0.71	738	0.59	110	0.9	3.2	<0.01	0.04	<0.01	0.04	0.04	<0.01	0.87	0.91	0.23	0.39	<1.0	1.3
ML-4	1/24/1995	10:15 AM	Bottom	1.4	1.2	16.11	7.30	8.21	0.73	758																
ML-5	1/24/1995	10:00 AM	Surface	1.3	0.2	16.12	7.36	8.25	0.81	832																
ML-5	1/24/1995	10:00 AM	Mid	1.3	0.7	16.11	7.36	8.26	0.82	842	0.45	90	1.3	2.6	<0.01	0.04	<0.01	0.04	0.04	<0.01	1.22	1.26	0.23	0.39	<1.0	1.3*
ML-5	1/24/1995	10:00 AM	Bottom	1.3	1.1	16.10	7.36	8.25	0.83	851																
ML-5rep	1/24/1995	10:00 AM	Surface	1.3	0.2	16.12	7.36	8.25	0.81	830																
ML-5rep	1/24/1995	10:00 AM	Mid	1.3	0.7	16.11	7.36	8.26	0.82	842	0.50	90	1.3	1.8	<0.01	0.03	<0.01	0.03	0.03	<0.01	1.10	1.13	0.23	0.47	<1.0	1.3*
ML-5rep	1/24/1995	10:00 AM	Bottom	1.3	1.1	16.10	7.36	8.25	0.83	851																
MU-1	1/24/1995	2:15 PM	Surface	1.6	0.2	16.63	6.92	8.06	0.14	288																
MU-1	1/24/1995	2:15 PM	Mid	1.6	0.8	16.63	6.88	8.02	0.14	289	0.75	200	0.6	1.4	<0.01	0.05	<0.01	0.05	0.05	<0.01	0.43	0.48	0.28	0.42	<1.0	1.3
MU-1	1/24/1995	2:15 PM	Bottom	1.6	1.4	16.63	6.89	8.01	0.14	289																
MU-2	1/24/1995	1:45 PM	Surface	1.7	0.2	16.71	6.93	7.95	0.15	295																
MU-2	1/24/1995	1:45 PM	Mid	1.7	0.8	16.69	6.93	7.93	0.15	296	0.49	100	0.6	1.6	<0.01	0.05	<0.01	0.05	0.05	<0.01	0.40	0.45	0.28	0.40	1.1	1.5
MU-2	1/24/1995	1:45 PM	Bottom	1.7	1.5	16.69	6.93	7.92	0.15	296																
MU-3	1/24/1995	1:15 PM	Surface	0.8	0.2	16.93	6.99	8.51	0.15	296																
MU-3	1/24/1995	1:15 PM	Mid	0.8	0.4	16.93	7.00	8.41	0.15	298	0.72	100	1.0	1.2	<0.01	0.05	<0.01	0.05	0.05	<0.01	0.47	0.52	0.28	0.44	<1.0	0.8*
MU-3	1/24/1995	1:15 PM	Bottom	0.8	0.6	16.92	7.01	8.40	0.15	298																
MU-4	1/24/1995	12:45 PM	Surface	0.9	0.2	17.01	7.14	8.81	0.15	297																
MU-4	1/24/1995	12:45 PM	Mid	0.9	0.4	16.99	7.12	8.75	0.15	298	0.61	100	0.8	1.0	<0.01	0.05	<0.01	0.05	0.05	<0.01	0.41	0.46	0.27	0.41	<1.0	0.85*
MU-4	1/24/1995	12:45 PM	Bottom	0.9	0.7	17.01	7.12	8.74	0.15	299																
MU-5	1/24/1995	12:00 PM	Surface	1.0	0.2	16.18	7.05	8.59	0.16	309																
MU-5	1/24/1995	12:00 PM	Mid	1.0	0.5	16.18	7.05	8.58	0.16	310	0.41	100	0.9	0.6	<0.01	0.05	<0.01	0.05	0.05	<0.01	0.43	0.48	0.27	0.43	<1.0	1.0*
MU-5	1/24/1995	12:00 PM	Bottom	1.0	0.8	16.18	7.04	8.57	0.16	310																
Trip Blank	1/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
10-1	2/13/1995	10:15 AM	Surface	2.9	0.2	16.06	7.98	7.98																		

Table 1. Results of Laboratory Analyses and In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
10-5	2/13/1995	11:45 AM	Surface	4.8	0.2	15.89	7.88	7.71	32.89	50.147																
10-5	2/13/1995	11:45 AM	Mid	4.8	1.0	15.86	7.90	7.72	32.89	50.154	1.28	10	10.5	36.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.09	0.09	<0.01	0.05	1.6	0.5
10-5	2/13/1995	11:45 AM	Bottom	4.8	4.6	15.86	7.91	7.70	32.89	50.158																
11-1	2/13/1995	10:00 AM	Surface	2.4	0.2	16.48	8.00	8.01	32.18	49.160																
11-1	2/13/1995	10:00 AM	Mid	2.4	1.0	16.48	8.00	7.99	32.19	49.180	2.00	15	15.2	34.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.36	0.36	<0.01	0.04	1.6	0.5
11-1	2/13/1995	10:00 AM	Bottom	2.4	2.2	16.49	8.00	7.97	32.20	49.192																
11-2	2/13/1995	1:05 PM	Surface	2.9	0.2	16.96	7.92	7.80	32.31	49.330																
11-2	2/13/1995	1:05 PM	Mid	2.9	1.0	16.80	7.93	7.78	32.31	49.337	1.32	10	2.9	19.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.34	0.34	<0.01	0.04	1.6	1.4
11-2	2/13/1995	1:05 PM	Bottom	2.9	2.7	16.73	7.93	7.70	32.35	49.392																
11-3	2/13/1995	12:40 PM	Surface	2.7	0.2	16.70	7.91	7.84	32.46	49.535																
11-3	2/13/1995	12:40 PM	Mid	2.7	1.0	16.68	7.93	7.72	32.46	49.546	1.34	10	5.4	44.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.22	0.22	<0.01	0.04	2.7	1.3
11-3	2/13/1995	12:40 PM	Bottom	2.7	2.5	16.66	7.94	7.68	32.45	49.535																
11-4	2/13/1995	12:25 PM	Surface	1.4	0.2	16.31	7.89	7.71	32.73	49.920																
11-4	2/13/1995	12:25 PM	Mid	1.4	0.7	16.29	7.90	7.70	32.73	49.923	1.44	10	5.7	27.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.36	0.36	<0.01	0.05	2.7	0.7
11-4	2/13/1995	12:25 PM	Bottom	1.4	1.2	16.29	7.90	7.69	32.74	49.926																
11-5	2/13/1995	12:05 PM	Surface	2.0	0.2	17.09	7.89	7.73	31.79	49.569																
11-5	2/13/1995	12:05 PM	Mid	2.0	1.0	16.80	7.89	7.61	32.34	49.379	1.26	10	4.5	29.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.44	0.44	<0.01	0.06	2.1	0.5
11-5	2/13/1995	12:05 PM	Bottom	2.0	1.8	16.72	7.92	7.53	32.42	49.486																
Equip Blank	2/13/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.10	<5	<0.1	<1.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
13-1	2/14/1995	1:50 PM	Surface	2.0	0.2	17.72	7.88	7.77	30.98	47.508																
13-1	2/14/1995	1:50 PM	Mid	2.0	1.0	17.55	7.89	7.70	31.10	47.671	1.57	15	2.8	29.2	<0.01	<0.01	0.02	0.02	<0.01	0.02	0.33	0.33	0.01	0.04	1.1	1.5
13-1	2/14/1995	1:50 PM	Bottom	2.0	1.8	17.35	7.88	7.68	31.34	47.996																
13-2	2/14/1995	1:25 PM	Surface	1.5	0.2	17.86	7.86	7.67	29.94	46.052																
13-2	2/14/1995	1:25 PM	Mid	1.5	0.7	17.62	7.87	7.51	30.80	47.257	1.27	10	1.0	28.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.26	0.26	<0.01	0.04	<1.0	1.5*
13-2	2/14/1995	1:25 PM	Bottom	1.5	1.3	17.46	7.87	7.43	31.03	47.560																
13-3	2/14/1995	1:00 PM	Surface	1.2	0.2	18.35	7.84	7.45	28.31	43.788																
13-3	2/14/1995	1:00 PM	Mid	1.2	0.6	18.31	7.84	7.41	28.38	43.901	1.17	10	1.1	8.8	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.45	0.45	0.02	0.06	<1.0	1.2*
13-3	2/14/1995	1:00 PM	Bottom	1.2	1.0	18.30	7.84	7.36	28.43	43.970																
13-4	2/14/1995	12:30 PM	Surface	3.0	0.2	18.24	7.81	7.15	27.94	43.291																
13-4	2/14/1995	12:30 PM	Mid	3.0	1.0	18.19	7.82	7.06	27.96	43.312	1.37	15	0.9	19.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.29	0.29	0.02	0.06	<1.0	2.5
13-4	2/14/1995	12:30 PM	Bottom	3.0	2.8	18.13	7.82	6.95	28.04	43.427																
13-5	2/14/1995	11:15 AM	Surface	1.5	0.2	18.01	7.84	7.21	28.72	44.374																
13-5	2/14/1995	11:15 AM	Mid	1.5	0.7	17.96	7.86	7.28	28.72	44.365	1.39	15	1.8	22.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.28	0.28	0.02	0.05	<1.0	1.5*
13-5	2/14/1995	11:15 AM	Bottom	1.5	1.3	17.93	7.80	7.37	28.73	44.394																
14-1	2/14/1995	11:00 AM	Surface	1.7	0.2	17.83	7.85	7.32	29.02	44.806																
14-1	2/14/1995	11:00 AM	Mid	1.7	0.8	17.81	7.86	7.30	29.01	44.772	1.61	10	0.9	9.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.33	0.33	<0.01	0.09	<1.0	1.7*
14-1	2/14/1995	11:00 AM	Bottom	1.7	1.5	17.69	7.89	7.35	29.14	44.957																
14-2	2/14/1995	10:45 AM	Surface	1.4	0.2	17.80	7.87	7.37	28.90	44.632																
14-2	2/14/1995	10:45 AM	Mid	1.4	0.7	17.79	7.88	7.34	28.91	44.637	1.63	10	0.8	7.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.47	0.47	0.01	0.08	<1.0	1.4*
14-2	2/14/1995	10:45 AM	Bottom	1.4	1.2	17.78	7.89	7.36	28.93	44.666																
14-3	2/14/1995	10:30 AM	Surface	2.0	0.2	17.96	7.80	6.79	28.09	43.489																
14-3	2/14/1995	10:30 AM	Mid	2.0	1.0	17.85	7.81	6.64	28.85	44.578	1.93	15	1.1	5.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.42	0.42	0.01	0.07	<1.0	2.0*
14-3	2/14/1995	10:30 AM	Bottom	2.0	1.8	18.03	7.80	6.36	29.65	45.664																
14-4	2/14/1995	10:15 AM	Surface	1.3	0.2	17.87	7.81	6.97	29.15	44.968																
14-4	2/14/1995	10:15 AM	Mid	1.3	0.6	17.87	7.82	6.96	29.15	44.970	1.74	15	0.8	7.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.29	0.29	0.01	0.06	<1.0	1.3*
14-4	2/14/1995	10:15 AM	Bottom	1.3	1.1	17.87	7.83	6.97	29.16	44.984																
14-5	2/14/1995	10:00 AM	Surface	1.0	0.2	17.84	7.81	7.40	29.69	45.720																
14-5	2/14/1995	10:00 AM	Mid	1.0	0.5	17.84	7.83	7.31	29.69	45.722	1.52	15	0.7	12.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.31	0.31	<0.01	0.05	<1.0	1.0*
14-5	2/14/1995	10:00 AM	Bottom	1.0	0.8	17.84	7.83	7.31	29.69	45.725																
14-Srep	2/14/1995	10:00 AM	Surface	1.0	0.2	17.84	7.81	7.40	29.69	45.728																
14-Srep	2/14/1995	10:00 AM	Mid	1.0	0.5	17.84	7.83	7.31	29.69	45.729	1.21	15	0.8	15.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.31	0.31	0.01	0.05	<1.0	1.0*
14-Srep	2/14/1995	10:00 AM	Bottom	1.0	0.8	17.84	7.83	7.31	29.69	45.733																
16-1	2/15/1995	1:45 PM	Surface	1.1	0.2	19.40	7.82	7.52	31.26	47.900																
16-1	2/15/1995	1:45 PM	Mid	1.1	0.5	19.14	7.81	7.36	31.29	47.932	0.47	15	2.0	15.2	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.28	0.30	0.02	0.04	<1.0	1.1*
16-1	2/15/1995	1:45 PM	Bottom	1.1	0.9	19.13	7.82	7.36	31.29	47.920																
16-2	2/15/1995	1:15 PM	Surface	1.0	0.2	20.53	7.88	8.37	30.86	47.344																
16-2	2/15/1995	1:15 PM	Mid	1.0	0.5	20.10	7.87	8.28	31.11	47.615	0.77	10	1.2	18.0	<0.01	0.03	<0.01	0.03	0.03	<0.01	0.32	0.35	0.02	0.05	<1.0	1.0*
16-2	2/15/1995	1:15 PM	Bottom	1.0	0.8	19.44	7.86	7.90	31.26	47.860																
16-3	2/15/1995	1:00 PM	Surface	2.0	0.2	19.41	7.83	7.55	31.25	47.872		</														

Table 1. Results of Laboratory Analyses and In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
LB-3	2/15/1995	10:20 AM	Mid	3.0	1.0	19.59	7.83	6.71	26.64	41,489	1.98	15	2.3	20.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.52	0.52	0.06	0.13	<1.0	1.8
LB-3	2/15/1995	10:20 AM	Bottom	3.0	2.8	19.43	7.83	6.66	26.93	41,896																
LB-4	2/15/1995	10:10 AM	Surface	1.3	0.2	19.41	7.98	7.98	27.93	43,281																
LB-4	2/15/1995	10:10 AM	Mid	1.3	1.6	19.41	8.00	7.98	27.94	43,287	1.03	15	1.3	16.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.37	0.37	0.04	0.08	<1.0	1.3*
LB-4	2/15/1995	10:10 AM	Bottom	1.3	1.1	19.42	8.00	9.97	27.93	43,281																
LB-5	2/15/1995	10:00 AM	Surface	2.5	0.2	19.34	7.98	7.47	28.72	44,370																
LB-5	2/15/1995	10:00 AM	Mid	2.5	1.0	19.33	7.98	7.46	28.73	44,382	1.40	15	1.2	10.0	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.44	0.46	0.03	0.07	<1.0	2.0
LB-5	2/15/1995	10:00 AM	Bottom	2.5	2.3	18.88	7.92	6.54	29.49	45,434																
LB-5 Rep	2/15/1995	10:00 AM	Surface	2.5	0.2	19.34	7.98	7.47	28.72	44,375																
LB-5 Rep	2/15/1995	10:00 AM	Mid	2.5	1.0	19.33	7.98	7.46	28.73	44,385	1.47	15	1.2	10.0	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.45	0.46	0.03	0.08	1.0	2.0
LB-5 Rep	2/15/1995	10:00 AM	Bottom	2.5	2.3	18.88	7.92	6.54	29.49	45,436																
ML-1	2/16/1995	12:55 PM	Surface	1.2	0.2	23.04	7.15	7.66	0.38	768																
ML-1	2/16/1995	12:55 PM	Mid	1.2	0.6	22.31	7.16	7.48	0.41	832	0.70	125	0.8	4.0	<0.01	0.05	<0.01	0.05	0.05	<0.01	0.69	0.74	0.17	0.19	<1.0	1.2*
ML-1	2/16/1995	12:55 PM	Bottom	1.2	1.0	22.28	7.16	7.39	0.41	827																
ML-2	2/16/1995	1:15 PM	Surface	1.0	0.2	24.40	7.20	7.92	1.93	3,678																
ML-2	2/16/1995	1:15 PM	Mid	1.0	0.5	24.34	7.21	7.82	1.93	3,670	0.81	100	1.6	9.2	<0.01	0.03	<0.01	0.03	0.03	<0.01	0.93	0.96	0.15	0.19	<1.0	1.0*
ML-2	2/16/1995	1:15 PM	Bottom	1.0	0.8	24.34	7.23	7.75	1.93	3,670																
ML-3	2/16/1995	1:30 PM	Surface	1.2	0.2	24.21	7.33	7.98	1.69	3,233																
ML-3	2/16/1995	1:30 PM	Mid	1.2	0.6	24.14	7.36	8.04	1.76	3,379	0.96	125	1.6	9.6	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	0.78	0.80	0.15	0.19	1.1	1.2*
ML-3	2/16/1995	1:30 PM	Bottom	1.2	1.0	24.13	7.32	6.91	1.77	3,390																
ML-4	2/16/1995	1:45 PM	Surface	2.0	0.2	23.67	7.27	7.59	2.11	3,981																
ML-4	2/16/1995	1:45 PM	Mid	2.0	1.0	23.38	7.29	7.57	2.36	4,465	0.85	100	1.3	8.0	<0.01	0.03	<0.01	0.03	0.03	<0.01	0.80	0.83	0.13	0.17	32.0	1.3
ML-4	2/16/1995	1:45 PM	Bottom	2.0	1.8	23.35	7.30	7.50	2.50	4,667																
ML-5	2/16/1995	2:00 PM	Surface	1.5	0.2	24.80	7.45	8.18	3.76	6,847																
ML-5	2/16/1995	2:00 PM	Mid	1.5	0.7	24.70	7.45	8.20	3.75	6,871	1.07	125	5.3	12.2	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.70	0.71	0.13	0.18	10.7	1.3
ML-5	2/16/1995	2:00 PM	Bottom	1.5	1.3	24.64	7.44	8.12	3.77	6,881																
MU-1	2/16/1995	10:00 AM	Surface	2.9	0.2	20.63	6.98	6.62	0.17	351																
MU-1	2/16/1995	10:00 AM	Mid	2.9	1.0	20.62	6.94	6.53	0.17	354	0.41	100	0.6	4.8	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	0.40	0.44	0.20	0.20	<1.0	1.4
MU-1	2/16/1995	10:00 AM	Bottom	2.9	2.7	20.61	6.92	6.43	0.17	355																
MU-1 Rep	2/16/1995	10:00 AM	Surface	2.9	0.2	20.63	6.98	6.62	0.17	351																
MU-1 Rep	2/16/1995	10:00 AM	Mid	2.9	1.0	20.62	6.94	6.53	0.17	354	0.48	95	0.6	2.8	<0.01	0.03	<0.01	0.03	0.05	<0.01	0.41	0.46	0.20	0.20	<1.0	1.4
MU-1 Rep	2/16/1995	10:00 AM	Bottom	2.9	2.7	20.61	6.92	6.43	0.17	355																
MU-2	2/16/1995	10:10 AM	Surface	3.8	0.2	20.69	6.94	6.44	0.17	358																
MU-2	2/16/1995	10:10 AM	Mid	3.8	1.0	20.65	6.93	6.42	0.17	357	0.46	90	0.7	4.4	0.02	0.07	<0.01	0.09	0.09	<0.01	0.40	0.49	0.01	0.21	<1.0	1.4
MU-2	2/16/1995	10:10 AM	Bottom	3.8	3.6	20.66	6.93	6.39	0.17	357																
MU-3	2/16/1995	10:30 AM	Surface	1.8	0.2	21.09	7.04	6.77	0.19	403																
MU-3	2/16/1995	10:30 AM	Mid	1.8	0.9	21.07	7.04	6.76	0.19	402	0.53	100	0.7	4.4	0.01	0.09	<0.01	0.10	0.10	<0.01	0.33	0.43	<0.01	0.16	<1.0	1.4
MU-3	2/16/1995	10:30 AM	Bottom	1.8	1.6	21.08	7.03	6.76	0.19	404																
MU-4	2/16/1995	10:50 AM	Surface	2.0	0.2	21.52	7.08	7.32	0.20	416																
MU-4	2/16/1995	10:50 AM	Mid	2.0	1.0	21.58	7.09	7.24	0.20	420	0.58	100	0.7	4.4	<0.01	0.07	<0.01	0.07	0.07	<0.01	0.32	0.39	0.18	0.18	1.6	1.4
MU-4	2/16/1995	10:50 AM	Bottom	2.0	1.8	21.61	7.10	7.28	0.20	423																
MU-5	2/16/1995	12:30 PM	Surface	1.2	0.2	22.38	7.15	7.65	0.27	546																
MU-5	2/16/1995	12:30 PM	Mid	1.2	0.6	22.40	7.15	7.55	0.26	548	0.59	120	0.8	4.8	<0.01	0.04	<0.01	0.04	0.04	<0.01	0.49	0.53	0.17	0.18	1.1	1.2*
MU-5	2/16/1995	12:30 PM	Bottom	1.2	1.0	22.52	7.15	7.54	0.28	603																
Trip Blank	2/16/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<1.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
10-1	3/13/1995	12:35 PM	Surface	3.6	0.2	18.36	8.26	7.54	33.70	51,218																
10-1	3/13/1995	12:35 PM	Mid	3.6	1.0	18.33	8.26	7.53	33.70	51,214	1.03	10	4.1	40.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.32	0.32	0.02	0.09	<1.0	1.6
10-1	3/13/1995	12:35 PM	Bottom	3.6	3.4	18.31	8.26	7.53	33.70	51,216																
10-2	3/13/1995	1:40 PM	Surface	2.3	0.2	19.38	8.29	7.77	34.32	52,057																
10-2	3/13/1995	1:40 PM	Mid	2.3	1.0	19.37	8.28	7.73	34.33	52,064	0.76	5	2.2	14.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.42	0.42	<0.01	0.09	<1.0	1.3
10-2	3/13/1995	1:40 PM	Bottom	2.3	2.1	19.37	8.28	7.72	34.33	52,066																
10-3	3/13/1995	1:00 PM	Surface	7.0	0.2	19.28	8.30	7.52	34.28	52,003																
10-3	3/13/1995	1:00 PM	Mid	7.0	1.0	19.30	8.30	7.48	34.29	52,012	0.58	10	1.4	22.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.26	0.26	<0.01	0.04	<1.0	1.5
10-3	3/13/1995	1:00 PM	Bottom	7.0	6.8	19.27	8.30	7.46	34.30	52,023																
10-4	3/13/1995	2:00 PM	Surface	4.4	0.2	19.42	8.34	8.20	34.31	52,035																
10-4	3/13/1995	2:00 PM	Mid	4.4	1.0	19.42	8.34	8.13	34.31	52,035	0.96	10	0.6	54.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.35	0.35	<0.01	0.02	<1.0	1.2
10-4	3/13/1995	2:00 PM	Bottom	4.4	4.2	19.40	8.33	8.08	34.32	52,052																
10-5	3/13/1995	10:30 AM	Surface	1.6	0.2	18.76	8.15	7.52	33.18	50,505																
10-5	3/13/1995	10:30 AM	Mid	1.6	0.8	18.76	8.15	7.47	33.18	50,512	0.84	10	0.7	27.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.33	0.33	<0.01	0.04	<1.0	1.5
10-5	3/13/1995	10:30 AM	Bottom	1																						

Table 1. Results of Laboratory Analyses and In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
11-5	3/13/1995	11:00 AM	Surface	1.4	0.2	18.89	8.18	7.44	34.06	51.695																
11-5	3/13/1995	11:00 AM	Mid	1.4	0.7	18.83	8.18	7.41	34.25	51.944	0.95	10	2.7	33.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.31	0.31	<0.01	0.03	1.1	1.4*
11-5	3/13/1995	11:00 AM	Bottom	1.4	1.2	18.83	8.19	7.44	34.30	52.019																
13-1	3/14/1995	2:00 PM	Surface	1.2	0.2	21.67	8.16	8.32	31.64	44.915																
13-1	3/14/1995	2:00 PM	Mid	1.2	0.6	21.49	8.16	8.27	31.76	45.655	1.21	15	1.0	19.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.48	0.48	0.03	0.04	<1.0	1.2*
13-1	3/14/1995	2:00 PM	Bottom	1.2	1.0	21.08	8.14	8.19	32.25	48.597																
13-2	3/14/1995	1:50 PM	Surface	1.6	0.2	21.24	8.11	7.74	29.76	42.280																
13-2	3/14/1995	1:50 PM	Mid	1.6	0.8	21.21	8.11	7.71	29.81	42.551	1.03	15	3.1	26.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.47	0.47	0.04	0.05	<1.0	1.4*
13-2	3/14/1995	1:50 PM	Bottom	1.6	1.4	21.17	8.11	7.68	29.77	42.643																
13-3	3/14/1995	1:40 PM	Surface	1.6	0.2	21.15	8.15	8.13	29.58	43.497																
13-3	3/14/1995	1:40 PM	Mid	1.6	0.8	21.09	8.14	7.93	29.71	43.542	1.71	15	3.2	22.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.36	0.36	0.03	0.05	1.6	1.5*
13-3	3/14/1995	1:40 PM	Bottom	1.6	1.4	21.04	8.13	7.88	29.74	44.030																
13-4	3/14/1995	1:25 PM	Surface	4.3	0.2	21.17	8.07	7.54	29.15	43.397																
13-4	3/14/1995	1:25 PM	Mid	4.3	1.0	20.98	8.06	7.55	29.26	43.397	1.75	15	2.1	16.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.27	0.27	0.03	0.05	1.6	1.5*
13-4	3/14/1995	1:25 PM	Bottom	4.3	4.1	20.59	8.04	7.24	29.43	43.406																
13-5	3/14/1995	1:05 PM	Surface	2.7	0.2	21.15	8.04	7.40	29.05	43.387																
13-5	3/14/1995	1:05 PM	Mid	2.7	1.0	20.87	8.04	7.37	29.13	43.402	1.57	15	2.3	40.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.50	0.50	0.04	0.05	1.1	1.0*
13-5	3/14/1995	1:05 PM	Bottom	2.7	2.5	20.64	8.03	7.26	29.13	43.402																
14-1	3/14/1995	11:25 AM	Surface	1.8	0.2	20.06	8.19	8.05	28.05	43.404																
14-1	3/14/1995	11:25 AM	Mid	1.8	0.9	20.07	8.18	8.07	28.05	43.411	2.09	20	1.6	18.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.51	0.51	0.03	0.12	1.1	1.7*
14-1	3/14/1995	11:25 AM	Bottom	1.8	1.6	20.08	8.18	8.11	28.05	43.413																
14-2	3/14/1995	11:10 AM	Surface	1.7	0.2	20.25	8.21	7.85	28.86	44.621																
14-2	3/14/1995	11:10 AM	Mid	1.7	0.8	20.24	8.21	7.88	28.87	44.621	2.06	20	2.5	26.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.53	0.53	0.03	0.07	1.6	1.0*
14-2	3/14/1995	11:10 AM	Bottom	1.7	1.5	20.26	8.23	8.02	28.86	44.624																
14-3	3/14/1995	10:50 AM	Surface	0.9	0.2	20.28	8.23	7.52	30.52	45.547																
14-3	3/14/1995	10:50 AM	Mid	0.9	0.5	20.31	8.23	7.53	30.51	45.534	1.63	15	1.5	23.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.50	0.50	0.02	0.04	1.1	0.6*
14-3	3/14/1995	10:50 AM	Bottom	0.9	0.7	20.34	8.23	7.55	30.55	45.547																
14-4	3/14/1995	10:25 AM	Surface	1.8	0.2	20.59	8.16	6.87	31.53	46.972																
14-4	3/14/1995	10:25 AM	Mid	1.8	0.9	20.45	8.16	6.90	31.54	47.712	1.72	15	1.0	39.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.47	0.47	0.02	0.04	<1.0	1.3*
14-4	3/14/1995	10:25 AM	Bottom	1.8	1.6	20.33	8.17	6.96	31.62	48.295																
14-5	3/14/1995	10:00 AM	Surface	1.5	0.2	20.19	8.18	7.36	32.04	48.352																
14-5	3/14/1995	10:00 AM	Mid	1.5	0.7	20.18	8.18	7.43	32.04	48.405	1.58	10	1.4	26.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.45	0.45	0.02	0.03	<1.0	1.5*
14-5	3/14/1995	10:00 AM	Bottom	1.5	1.3	20.20	8.18	7.57	32.05	48.487																
14-5 Rep	3/14/1995	10:00 AM	Surface	1.5	0.2	20.19	8.18	7.36	32.04	48.351																
14-5 Rep	3/14/1995	10:00 AM	Mid	1.5	0.7	20.18	8.18	7.43	32.04	48.402	1.37	10	1.2	29.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.45	0.45	0.01	0.02	<1.0	1.5*
14-5 Rep	3/14/1995	10:00 AM	Bottom	1.5	1.3	20.20	8.18	7.57	32.05	48.490																
16-1	3/15/1995	2:00 PM	Surface	1.8	0.2	21.08	8.11	7.47	33.92	51.492																
16-1	3/15/1995	2:00 PM	Mid	1.8	0.9	20.92	8.11	7.44	34.09	51.732	0.51	10	0.8	6.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.29	0.29	0.02	0.07	<1.0	1.6
16-1	3/15/1995	2:00 PM	Bottom	1.8	1.6	20.70	8.11	7.42	34.25	51.957																
16-2	3/15/1995	1:40 PM	Surface	1.2	0.2	20.56	8.14	7.76	34.51	52.320																
16-2	3/15/1995	1:40 PM	Mid	1.2	0.6	20.53	8.14	7.78	34.55	52.360	0.44	10	0.7	37.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.30	0.30	0.01	0.04	1.0	1.2*
16-2	3/15/1995	1:40 PM	Bottom	1.2	1.0	20.46	8.14	7.83	34.56	52.395																
16-3	3/15/1995	1:25 PM	Surface	1.5	0.2	20.38	8.15	7.97	34.70	52.567																
16-3	3/15/1995	1:25 PM	Mid	1.5	0.7	20.35	8.15	7.97	34.71	52.578	0.80	5	0.6	24.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.24	0.02	0.03	1.1	1.2
16-3	3/15/1995	1:25 PM	Bottom	1.5	0.3	20.13	8.16	8.11	34.82	52.725																
16-4	3/15/1995	1:05 PM	Surface	3.1	0.2	20.66	8.16	7.91	34.87	52.811																
16-4	3/15/1995	1:05 PM	Mid	3.1	1.0	19.88	8.12	7.84	34.90	52.836	0.40	5	1.0	19.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.27	0.27	<0.01	0.04	<1.0	1.2
16-4	3/15/1995	1:05 PM	Bottom	3.1	2.9	19.85	8.12	7.58	34.89	52.824																
16-5	3/15/1995	12:45 PM	Surface	1.7	0.2	19.86	8.09	7.54	34.92	52.886																
16-5	3/15/1995	12:45 PM	Mid	1.7	0.8	19.86	8.09	7.52	34.92	52.860	0.54	10	0.7	29.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.32	0.32	0.01	0.03	<1.0	1.5
16-5	3/15/1995	12:45 PM	Bottom	1.7	1.5	19.86	8.10	7.52	34.93	52.863																
LB-1	3/15/1995	11:55 AM	Surface	0.8	0.2	21.57	8.02	6.73	26.76	41.660																
LB-1	3/15/1995	11:55 AM	Mid	0.8	0.4	21.53	8.01	6.58	26.76	41.669	1.18	25	0.6	11.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.55	0.57	0.06	0.09	<1.0	0.8*
LB-1	3/15/1995	11:55 AM	Bottom	0.8	0.6	21.48	8.00	6.49	26.76	41.664																
LB-2	3/15/1995	11:30 AM	Surface	0.7	0.2	21.40	8.10	7.51	27.95	43.311																
LB-2	3/15/1995	11:30 AM	Mid	0.7	0.3	21.46	8.10	7.50	27.92	43.285	1.77	20	1.3	22.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.48	0.48	0.06	0.19	1.1	0.7*
LB-2	3/15/1995	11:30 AM	Bottom	0.7	0.5	21.44	8.10	7.47	27.93	43.300																
LB-3	3/15/1995	11:15 AM	Surface	1.3	0.2	20.68	8.07	6.21	29.92	46.044																
LB-3	3/15/1995	11:15 AM	Mid	1.3	0.6	20.67	8.08	6.21	29.95	46.074	1.62	20	1.4	6.4	<0.01	0.03	<0.01	0.03	0.03	&lt						

Table 1. Results of Laboratory Analyses and In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
ML-3	3/16/1995	12:40 PM	Surface	2.8	0.2	22.11	7.57	7.76	3.52	6,433																
ML-3	3/16/1995	12:40 PM	Mid	2.8	1.0	21.94	7.57	7.76	3.58	6,546	0.63	80	1.2	8.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.70	0.70	0.14	0.19	2.1	1.4
ML-3	3/16/1995	12:40 PM	Bottom	2.8	2.6	21.94	7.56	7.70	3.61	6,588																
ML-4	3/16/1995	1:05 PM	Surface	4.0	0.2	22.55	7.67	8.05	4.38	7,892																
ML-4	3/16/1995	1:05 PM	Mid	4.0	1.0	22.44	7.65	8.03	4.46	8,048	1.60	80	0.9	4.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.75	0.75	0.18	0.25	2.1	1.4
ML-4	3/16/1995	1:05 PM	Bottom	4.0	3.8	22.36	7.63	7.92	4.50	8,099																
ML-5	3/16/1995	1:30 PM	Surface	1.5	0.2	22.82	7.70	7.98	6.31	11,102																
ML-5	3/16/1995	1:30 PM	Mid	1.5	0.7	22.81	7.71	7.97	6.34	11,147	0.60	70	0.9	6.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.82	0.82	0.13	0.17	1.6	1.3*
ML-5	3/16/1995	1:30 PM	Bottom	1.5	1.3	22.75	7.69	7.94	6.39	11,237																
MU-1	3/16/1995	10:00 AM	Surface	2.5	0.2	21.13	6.96	6.66	0.17	348																
MU-1	3/16/1995	10:00 AM	Mid	2.5	1.0	21.10	6.96	6.63	0.17	348	0.38	80	0.8	2.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.19	0.19	0.18	0.26	1.1	1.5*
MU-1	3/16/1995	10:00 AM	Bottom	2.5	2.3	21.10	6.95	6.60	0.17	348																
MU-2	3/16/1995	10:25 AM	Surface	1.3	0.2	21.42	7.05	6.86	0.18	378																
MU-2	3/16/1995	10:25 AM	Mid	1.3	0.6	21.38	7.02	6.80	0.18	378	0.35	70	0.9	6.4	<0.01	0.01	<0.01	0.01	0.02	<0.01	0.17	0.19	0.25	0.26	1.6	1.3*
MU-2	3/16/1995	10:25 AM	Bottom	1.3	1.1	21.37	7.04	6.76	0.18	378																
MU-3	3/16/1995	10:55 AM	Surface	1.5	0.2	21.81	7.12	7.11	0.19	399																
MU-3	3/16/1995	10:55 AM	Mid	1.5	0.7	21.75	7.12	7.10	0.19	399	0.22	90	0.6	2.0	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	0.13	0.15	0.25	0.26	1.6	1.3
MU-3	3/16/1995	10:55 AM	Bottom	1.5	1.3	21.73	7.13	7.07	0.19	399																
MU-4	3/16/1995	11:10 AM	Surface	1.6	0.2	21.99	7.17	7.22	0.21	446																
MU-4	3/16/1995	11:10 AM	Mid	1.6	0.8	21.96	7.17	7.21	0.21	445	0.30	90	0.8	2.4	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.16	0.17	0.14	0.27	1.1	1.4
MU-4	3/16/1995	11:10 AM	Bottom	1.6	1.4	21.94	7.18	7.19	0.21	446																
MU-5	3/16/1995	11:30 AM	Surface	0.7	0.2	22.62	7.45	7.98	0.73	1,449																
MU-5	3/16/1995	11:30 AM	Mid	0.7	0.3	22.59	7.45	7.98	0.76	1,504	0.55	70	1.2	4.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.64	0.64	0.18	0.19	1.6	0.7*
MU-5	3/16/1995	11:30 AM	Bottom	0.7	0.5	22.53	7.46	8.05	0.80	1,582																
MU-5 Rep	3/16/1995	11:30 AM	Surface	0.7	0.2	22.62	7.45	7.98	0.73	1,448																
MU-5 Rep	3/16/1995	11:30 AM	Mid	0.7	0.3	22.59	7.45	7.98	0.76	1,505	0.71	70	1.5	2.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.67	0.67	0.12	0.20	1.6	0.7*
MU-5 Rep	3/16/1995	11:30 AM	Bottom	0.7	0.5	22.53	7.46	8.05	0.80	1,582																
Equip Blank	3/16/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<1.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Trip Blank	3/16/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<1.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
10-1	4/20/1995	12:50	Surface	3.3	0.2	26.14	7.59	6.42	32.40	49,500																
10-1	4/20/1995	12:50	Mid	3.3	1.0	26.11	7.59	6.44	32.40	49,500	1.70	10	1.6	33.6	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.20	0.22	0.01	0.06	1.1	2.5
10-1	4/20/1995	12:50	Bottom	3.3	3.1	26.13	7.59	6.39	32.50	49,600																
10-2	4/20/1995	13:30	Surface	2.1	0.2	26.51	7.59	6.45	32.50	49,700																
10-2	4/20/1995	13:30	Mid	2.1	1.0	26.53	7.52	6.52	32.50	49,700	1.30	5	0.9	23.3	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.17	0.19	<0.01	0.06	1.1	2.1*
10-2	4/20/1995	13:30	Bottom	2.1	1.9	26.54	7.56	6.49	32.50	49,700																
10-3	4/20/1995	13:15	Surface	4.0	0.2	26.43	7.56	6.45	32.50	49,700																
10-3	4/20/1995	13:15	Mid	4.0	1.0	26.41	7.56	6.40	32.50	49,700	1.30	5	1.1	27.2	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.22	0.24	<0.01	0.06	1.1	2.8
10-3	4/20/1995	13:15	Bottom	4.0	3.8	26.33	7.56	6.40	32.50	49,700																
10-4	4/20/1995	13:55	Surface	3.7	0.2	26.48	7.59	6.45	32.50	49,700																
10-4	4/20/1995	13:55	Mid	3.7	1.0	26.48	7.59	6.45	32.50	49,700	1.40	10	1.4	25.2	<0.01	0.02	<0.01	0.02	0.02	0.02	0.14	0.16	<0.01	0.06	2.1	2.5
10-4	4/20/1995	13:55	Bottom	3.7	3.5	26.45	7.60	6.40	32.50	49,700																
10-5	4/20/1995	14:10	Surface	3.1	0.2	26.57	7.58	6.44	32.60	49,700																
10-5	4/20/1995	14:10	Mid	3.1	1.0	26.58	7.57	6.43	32.60	49,800	1.70	10	1.6	21.2	<0.01	0.03	<0.01	0.03	0.03	<0.01	0.14	0.17	<0.01	0.06	1.1	2.3
10-5	4/20/1995	14:10	Bottom	3.1	2.9	26.58	7.58	6.45	32.60	49,800																
11-1	4/20/1995	12:30	Surface	3.5	0.2	26.51	7.59	6.47	32.20	49,100																
11-1	4/20/1995	12:30	Mid	3.5	1.0	26.54	7.59	6.46	32.20	49,200	1.90	15	5.4	17.4	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.20	0.22	<0.01	0.06	2.7	1.1
11-1	4/20/1995	12:30	Bottom	3.5	3.3	26.45	7.60	6.42	32.20	49,300																
11-2	4/20/1995	12:15	Surface	3.5	0.2	26.47	7.58	6.59	32.20	49,200																
11-2	4/20/1995	12:15	Mid	3.5	1.0	26.46	7.58	6.58	32.20	49,300	1.80	15	1.7	25.6	<0.01	0.07	0.03	0.10	0.07	0.09	0.22	0.29	<0.01	<0.01	1.6	1.8
11-2	4/20/1995	12:15	Bottom	3.5	3.3	26.41	7.59	6.56	32.20	49,200																
11-3	4/20/1995	11:50	Surface	3.0	0.2	26.64	7.57	6.71	32.00	49,000																
11-3	4/20/1995	11:50	Mid	3.0	1.0	26.61	7.57	6.67	32.00	49,000	1.70	15	2.5	26.6	<0.01	0.04	0.01	0.05	0.04	0.01	0.28	0.32	<0.01	0.10	3.7	1.5
11-3	4/20/1995	11:50	Bottom	3.0	2.8	26.60	7.59	6.65	32.00	49,000																
11-4	4/20/1995	10:55	Surface	2.1	0.2	26.20	8.10	5.68	34.43	52,330																
11-4	4/20/1995	10:55	Mid	2.1	1.0	26.20	8.10	5.55	34.43	52,332	1.60	15	2.0	22.2	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.20	0.21	<0.01	0.07	2.1	1.6
11-4	4/20/1995	10:55	Bottom	2.1	1.9	26.20	8.10	5.44	34.43	52,331																
11-5	4/20/1995	10:30	Surface	3.0	0.2	26.22	8.05	6.24	34.40	52,290																
11-5	4/20/1995	10:30	Mid	3.0	1.0	26.21	8.05	6.06	34.42	52,322	1.80	15	1.8	18.0	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.27	0.28	<0.01	0.07	2.7	1.7
11-5	4/20/1995	10:30	Bottom	3.0	2.8	25.98	8.05	5.64	34.94	53,019																
11-5 rep	4/20/1995	10:35	Surface	3.0	0.2	26.20	8.04	6.24	34.40	52,290																
11-5 rep	4/20/1995	10:35	Mid	3.0	1.																					

Table 1. Results of Laboratory Analyses and In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
13-5	4/19/1995	12:40	Mid	2.3	1.0	27.03	8.10	6.14	31.28	48.081	2.00	15	2.9	25.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.33	0.33	0.03	0.11	4.3	1.5
13-5	4/19/1995	12:40	Bottom	2.3	2.1	26.88	8.08	5.87	31.38	48.206																
14-1	4/19/1995	12:10	Surface	1.3	0.2	27.04	8.16	5.83	31.06	47.776																
14-1	4/19/1995	12:10	Mid	1.3	0.6	27.02	8.15	5.55	31.07	47.782	2.20	20	3.1	28.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.30	0.30	0.02	0.11	3.7	1.2
14-1	4/19/1995	12:10	Bottom	1.3	1.1	27.02	8.15	5.42	31.07	47.783																
14-2	4/19/1995	11:50	Surface	2.0	0.2	26.92	8.17	6.33	30.79	47.400																
14-2	4/19/1995	11:50	Mid	2.0	1.0	26.85	8.17	6.21	30.81	47.426	2.30	20	3.2	45.2	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.31	0.32	0.02	0.11	4.3	1.1
14-2	4/19/1995	11:50	Bottom	2.0	1.8	26.63	8.15	5.93	30.83	47.441																
14-3	4/19/1995	11:30	Surface	1.6	0.2	27.22	8.21	5.67	32.03	49.117																
14-3	4/19/1995	11:30	Mid	1.6	0.8	27.17	8.19	5.38	32.04	49.120	2.70	20	3.4	23.0	<0.01	<0.01	<0.01	<0.01	<0.01	0.08	0.43	0.43	<0.01	0.14	5.3	1.0
14-3	4/19/1995	11:30	Bottom	1.6	1.4	26.96	8.17	5.38	32.06	49.124																
14-4	4/19/1995	11:10	Surface	3.0	0.2	26.96	8.23	5.71	32.54	49.797																
14-4	4/19/1995	11:10	Mid	3.0	1.0	26.93	8.23	5.60	32.60	49.865	2.60	20	5.7	19.0	<0.01	0.02	0.02	0.04	0.02	0.02	0.32	0.34	<0.01	0.11	3.7	1.2
14-4	4/19/1995	11:10	Bottom	3.0	2.8	26.55	8.20	4.92	32.80	50.138																
14-5	4/19/1995	11:00	Surface	0.8	0.2	26.63	8.10	5.41	33.78	51.470																
14-5	4/19/1995	11:00	Mid	0.8	0.4	26.62	8.10	5.18	33.78	51.475	1.90	15	2.6	21.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.28	0.28	<0.01	0.09	3.2	0.8*
14-5	4/19/1995	11:00	Bottom	0.8	0.6	26.60	8.10	5.08	33.79	51.499																
14-5 (rep)	4/19/1995	11:02	Surface	0.8	0.2	26.64	8.10	5.40	33.78	51.477																
14-5 (rep)	4/19/1995	11:02	Mid	0.8	0.4	26.60	8.10	5.12	33.78	51.478	2.02	15	2.6	23.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.27	0.27	<0.01	0.08	3.2	0.8*
14-5 (rep)	4/19/1995	11:02	Bottom	0.8	0.6	26.59	8.10	5.02	33.79	51.501																
16-1	4/18/1995	11:00	Surface	1.8	0.2	25.77	8.05	5.80	34.18	51.978																
16-1	4/18/1995	11:00	Mid	1.8	0.9	25.75	8.06	5.59	34.18	51.984	1.20	15	4.8	25.2	<0.01	<0.01	0.01	0.01	<0.01	0.01	0.26	0.26	0.04	0.10	1.6	1.6
16-1	4/18/1995	11:00	Bottom	1.8	1.6	25.75	8.06	5.53	34.18	51.982																
16-1 Rep	4/18/1995	11:10	Surface	1.8	0.2	25.79	8.04	5.81	34.18	51.980																
16-1 Rep	4/18/1995	11:10	Mid	1.8	0.9	25.79	8.06	5.58	34.18	51.981	1.30	15	4.8	23.4	<0.01	<0.01	0.02	0.02	<0.01	0.02	0.27	0.27	0.03	0.08	2.1	1.6
16-1 Rep	4/18/1995	11:10	Bottom	1.8	1.6	25.77	8.07	5.50	34.18	51.988																
16-2	4/18/1995	11:20	Surface	2.6	0.2	25.69	8.09	5.65	34.40	52.270																
16-2	4/18/1995	11:20	Mid	2.6	1.0	25.65	8.08	5.27	34.43	52.312	1.20	15	2.8	32.6	<0.01	<0.01	0.02	0.02	<0.01	0.02	0.18	0.18	0.02	0.09	2.1	1.5
16-2	4/18/1995	11:20	Bottom	2.6	2.4	25.60	8.08	5.10	34.44	52.333																
16-3	4/18/1995	11:40	Surface	2.0	0.2	25.89	8.12	5.42	34.51	52.438																
16-3	4/18/1995	11:40	Mid	2.0	1.0	25.65	8.11	6.61	34.65	52.583	1.20	15	2.5	20.8	<0.01	<0.01	0.01	0.01	<0.01	0.01	0.28	0.28	0.03	0.08	1.1	1.3
16-3	4/18/1995	11:40	Bottom	2.0	1.8	25.50	8.09	6.33	34.76	52.755																
16-4	4/18/1995	11:55	Surface	3.5	0.2	25.36	8.16	6.80	35.09	53.195																
16-4	4/18/1995	11:55	Mid	3.5	1.0	25.38	8.16	6.60	35.09	53.202	0.90	15	1.5	20.8	<0.01	<0.01	0.01	0.01	<0.01	0.01	0.16	0.16	0.01	0.05	<1.0	2.0
16-4	4/18/1995	11:55	Bottom	3.5	3.3	25.33	8.16	6.12	35.09	53.197																
16-5	4/18/1995	12:10	Surface	2.5	0.2	25.52	8.21	6.94	35.12	53.240																
16-5	4/18/1995	12:10	Mid	2.5	1.0	25.54	8.21	6.91	35.12	53.245	1.00	15	1.7	25.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.18	0.18	0.01	0.04	<1.0	2.5*
16-5	4/18/1995	12:10	Bottom	2.5	2.3	25.56	8.20	6.88	35.12	53.243																
LB-1	4/18/1995	14:00	Surface	1.5	0.2	28.10	7.84	5.18	30.12	46.629																
LB-1	4/18/1995	14:00	Mid	1.5	0.7	27.86	7.86	5.11	30.36	46.817	1.20	30	2.0	7.6	<0.01	<0.01	0.01	0.01	<0.01	0.01	0.28	0.28	0.06	0.10	2.1	1.5*
LB-1	4/18/1995	14:00	Bottom	1.5	1.3	27.79	7.86	5.05	30.58	47.150																
LB-2	4/18/1995	13:50	Surface	1.3	0.2	27.81	7.90	5.54	29.94	46.254																
LB-2	4/18/1995	13:50	Mid	1.3	0.6	27.76	7.89	5.47	29.94	46.264	1.60	20	1.8	7.0	<0.01	<0.01	0.01	0.01	<0.01	0.01	0.32	0.32	0.07	0.16	1.6	1.3*
LB-2	4/18/1995	13:50	Bottom	1.3	1.1	27.59	7.89	5.34	29.95	46.267																
LB-3	4/18/1995	13:40	Surface	2.2	0.2	26.97	8.09	6.43	31.09	47.809																
LB-3	4/18/1995	13:40	Mid	2.2	1.0	27.04	8.09	6.34	31.11	47.849	2.10	25	3.8	35.6	<0.01	<0.01	0.01	0.01	<0.01	0.01	0.35	0.35	0.06	0.18	1.6	1.1
LB-3	4/18/1995	13:40	Bottom	2.2	2.0	26.53	8.04	5.59	31.04	47.725																
LB-4	4/18/1995	13:20	Surface	2.2	0.2	26.65	8.28	6.64	33.66	51.323																
LB-4	4/18/1995	13:20	Mid	2.2	1.0	26.63	8.27	6.57	33.67	51.321	2.80	20	3.7	23.8	<0.01	<0.01	0.02	0.02	<0.01	0.02	0.39	0.39	0.02	0.21	3.2	1.0
LB-4	4/18/1995	13:20	Bottom	2.2	2.0	26.56	8.26	6.47	33.66	51.278																
LB-5	4/18/1995	13:00	Surface	1.6	0.2	27.57	8.45	6.82	34.01	51.809																
LB-5	4/18/1995	13:00	Mid	1.6	0.8	27.45	8.45	6.63	34.01	51.813	3.10	20	6.3	27.4	<0.01	<0.01	0.01	0.01	<0.01	0.02	0.43	0.43	0.01	0.20	2.1	0.9
LB-5	4/18/1995	13:00	Bottom	1.6	1.4	26.54	8.38	5.61	34.27	52.137																
ML-1	4/17/1995	11:40	Surface	1.8	0.2	26.52	7.51	6.62	2.73	5.100																
ML-1	4/17/1995	11:40	Mid	1.8	0.9	26.39	7.49	6.60	2.99	5.553	0.40	80	0.8	2.2	<0.01	<0.01	0.01	0.01	<0.01	0.01	0.52	0.52	0.20	0.25	1.1	1.7
ML-1	4/17/1995	11:40	Bottom	1.8	1.6	26.49	7.48	6.58	3.89	7.114																
ML-2	4/17/1995	11:20	Surface	2.2	0.2	26.87	7.59	6.73	4.44	8.028																
ML-2	4/17/1995	11:20	Mid	2.2	1.0	26.86	7.61	6.71	4.64	8.368	0.80	70	0.9	1.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.46	0.46	0.22	0.23	5.9	1.7
ML-2	4/17/1995	11:20	Bottom	2.2	2.0	26.31	7.59	6.74	4.92	8.837																
ML-3	4/17/1995	11:00	Surface	1.1	0.2	26.72	7.67																			

Table 1. Results of Laboratory Analyses and In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
MU-2	4/17/1995	13:15	Mid	1.6	0.8	26.75	7.19	6.71	0.19	391	0.80	70	0.8	1.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.44	0.44	0.38	0.40	2.7	1.6*
MU-2	4/17/1995	13:15	Bottom	1.6	1.4	26.72	7.18	6.68	0.19	391																
MU-3	4/17/1995	13:00	Surface	1.0	0.2	27.21	7.30	7.16	0.19	408																
MU-3	4/17/1995	13:00	Mid	1.0	0.5	27.13	7.28	7.13	0.19	407	1.00	80	0.9	0.2	<0.01	<0.01	0.03	0.03	<0.01	0.03	0.38	0.38	0.36	0.36	2.1	1.0*
MU-3	4/17/1995	13:00	Bottom	1.0	0.8	27.08	7.28	7.12	0.19	406																
MU-4	4/17/1995	12:45	Surface	1.2	0.2	27.45	7.46	7.37	0.38	782																
MU-4	4/17/1995	12:45	Mid	1.2	0.6	27.53	7.46	7.38	0.40	822	0.80	80	0.9	0.4	<0.01	0.01	0.02	0.03	0.01	0.02	0.43	0.44	0.35	0.35	1.1	1.2*
MU-4	4/17/1995	12:45	Bottom	1.2	1.0	27.63	7.46	7.39	0.39	799																
MU-5	4/17/1995	12:20	Surface	0.9	0.2	27.08	7.49	7.25	0.64	1,290																
MU-5	4/17/1995	12:20	Mid	0.9	0.4	27.12	7.50	7.25	0.63	1,278	0.70	80	0.9	3.4	<0.01	<0.01	0.03	0.03	<0.01	0.03	0.50	0.50	0.28	0.33	1.1	0.9*
MU-5	4/17/1995	12:20	Bottom	0.9	0.7	27.11	7.50	7.25	0.63	1,269																
Trip Blank	4/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
10-1	5/15/1995	10:40	Surface	2.7	0.2	29.69	8.18	3.09	35.63	54,091																
10-1	5/15/1995	10:40	Mid	2.7	1.0	29.70	8.18	3.01	35.62	54,087	1.40	10	2.1	9.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.26	0.26	<0.01	0.03	1.1	2.5
10-1	5/15/1995	10:40	Bottom	2.7	2.5	29.71	8.19	2.97	35.62	53,676																
10-2	5/15/1995	11:50	Surface	1.5	0.2	29.74	8.29	2.32	35.64	54,115																
10-2	5/15/1995	11:50	Mid	1.5	0.7	29.74	8.29	2.31	35.64	54,112	1.30	10	1.5	26.5	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.20	0.21	<0.01	0.09	<1.0	1.5*
10-2	5/15/1995	11:50	Bottom	1.5	1.3	29.74	8.28	2.31	35.64	54,112																
10-3	5/15/1995	10:20	Surface	3.0	0.2	29.57	8.14	3.49	35.64	54,106																
10-3	5/15/1995	10:20	Mid	3.0	1.0	29.58	8.15	3.37	35.64	54,101	0.80	10	1.6	9.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.25	0.25	<0.01	0.09	1.1	2.3
10-3	5/15/1995	10:20	Bottom	3.0	2.8	29.58	8.15	3.30	35.63	54,088																
10-3 rep	5/15/1995	10:25	Surface	3.0	0.2	29.57	8.14	3.46	35.64	54,103																
10-3 rep	5/15/1995	10:25	Mid	3.0	1.0	29.58	8.15	3.36	35.64	54,103	0.90	10	1.6	9.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.23	0.23	<0.01	0.09	1.1	2.3
10-3 rep	5/15/1995	10:25	Bottom	3.0	2.8	29.58	8.15	3.28	35.63	54,090																
10-4	5/15/1995	12:40	Surface	1.9	0.2	30.21	8.31	2.27	35.66	54,165																
10-4	5/15/1995	12:40	Mid	1.9	0.9	30.20	8.30	2.27	35.65	54,159	1.20	10	2.8	25.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.23	0.23	<0.01	0.11	1.1	1.9*
10-4	5/15/1995	12:40	Bottom	1.9	1.7	30.23	8.32	2.34	35.65	54,127																
10-5	5/15/1995	13:15	Surface	4.0	0.2	30.25	8.31	2.20	35.64	54,137																
10-5	5/15/1995	13:15	Mid	4.0	1.0	30.24	8.31	2.19	35.64	54,138	1.60	10	1.4	27.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.25	0.25	<0.01	0.10	1.6	2.5
10-5	5/15/1995	13:15	Bottom	4.0	3.8	30.21	8.30	2.20	35.64	54,130																
11-1	5/15/1995	11:05	Surface	4.0	0.2	30.24	8.24	2.64	35.31	53,676																
11-1	5/15/1995	11:05	Mid	4.0	1.0	30.24	8.24	2.63	35.45	53,691	1.60	15	1.3	30.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.31	0.31	<0.01	0.10	2.1	2.7
11-1	5/15/1995	11:05	Bottom	4.0	3.8	29.91	8.24	2.59	35.62	53,870																
11-2	5/15/1995	11:30	Surface	3.8	0.2	29.98	8.30	2.39	35.62	54,094																
11-2	5/15/1995	11:30	Mid	3.8	1.0	29.97	8.30	2.38	35.62	54,096	1.30	15	1.2	29.6	<0.01	<0.01	0.02	0.02	<0.01	0.02	0.25	0.25	<0.01	0.10	2.1	2.7
11-2	5/15/1995	11:30	Bottom	3.8	3.6	29.97	8.29	2.37	35.61	54,082																
11-3	5/15/1995	12:15	Surface	3.5	0.2	30.26	8.29	2.42	35.52	53,981																
11-3	5/15/1995	12:15	Mid	3.5	1.0	30.26	8.29	2.36	35.52	53,977	1.10	15	1.0	26.0	<0.01	0.03	<0.01	0.03	0.03	<0.01	0.26	0.29	<0.01	0.11	2.1	2.7
11-3	5/15/1995	12:15	Bottom	3.5	3.3	30.26	8.28	2.34	35.52	53,970																
11-4	5/15/1995	13:00	Surface	3.6	0.2	30.55	8.30	2.51	35.32	53,715																
11-4	5/15/1995	13:00	Mid	3.6	1.0	30.47	8.29	2.45	35.35	53,756	1.70	15	1.8	25.2	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.37	0.38	<0.01	0.11	2.1	1.8
11-4	5/15/1995	13:00	Bottom	3.6	3.4	30.25	8.29	2.42	35.58	54,061																
11-5	5/15/1995	13:40	Surface	3.1	0.2	30.37	8.32	2.17	35.55	54,035																
11-5	5/15/1995	13:40	Mid	3.1	1.0	30.37	8.32	2.17	35.56	54,037	1.10	10	1.7	30.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.24	0.24	<0.01	0.11	1.1	2.3
11-5	5/15/1995	13:40	Bottom	3.1	2.9	30.38	8.31	2.17	35.56	54,031																
13-1	5/16/1995	14:10	Surface	2.3	0.2	30.85	8.17	9.19	35.46	53,930																
13-1	5/16/1995	14:10	Mid	2.3	1.0	30.80	8.18	8.79	35.45	53,900	1.50	15	1.6	27.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.30	0.30	0.08	0.11	3.2	1.8
13-1	5/16/1995	14:10	Bottom	2.3	2.1	30.66	8.20	8.66	35.57	54,061																
13-2	5/16/1995	13:45	Surface	2.5	0.2	30.68	8.16	9.23	35.39	53,821																
13-2	5/16/1995	13:45	Mid	2.5	1.0	30.65	8.16	8.67	35.40	53,839	1.00	15	1.8	33.0	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.31	0.32	0.12	0.15	2.7	1.7
13-2	5/16/1995	13:45	Bottom	2.5	2.3	30.61	8.17	8.97	35.48	53,941																
13-3	5/16/1995	13:35	Surface	2.7	0.2	30.83	8.08	7.98	34.76	53,000																
13-3	5/16/1995	13:35	Mid	2.7	1.0	30.81	8.09	8.14	34.78	53,108	1.70	15	1.8	14.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.31	0.31	0.03	0.12	2.7	1.7
13-3	5/16/1995	13:35	Bottom	2.7	2.5	30.74	8.10	7.95	34.86	53,821																
13-4	5/16/1995	13:20	Surface	1.5	0.2	31.16	8.03	8.20	33.53	51,314																
13-4	5/16/1995	13:20	Mid	1.5	0.7	31.15	8.04	8.10	33.52	51,320	1.10	20	4.8	87.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.36	0.36	0.02	0.12	3.7	1.5*
13-4	5/16/1995	13:20	Bottom	1.5	1.3	31.14	8.04	8.09	33.59	51,388																
13-5	5/16/1995	13:10	Surface	2.1	0.2	31.07	7.96	7.09	32.79	50,322																
13-5	5/16/1995	13:10	Mid	2.1	1.0	30.79	8.00	7.28	33.48	51,212	1.20	15	3.3	28.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.35	0.35	0.02	0.13	4.	

Table 1. Results of Laboratory Analyses and In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)		
14-5 (rep)	5/16/1995	11:20	Surface	1.8	0.2	30.23	8.10	7.09	35.40	53.813																		
14-5 (rep)	5/16/1995	11:20	Mid	1.8	0.9	30.24	8.10	7.04	35.39	53.804	0.50	10	1.7	24.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.39	0.39	0.25	0.28	1.0	1.8*		
14-5 (rep)	5/16/1995	11:20	Bottom	1.8	1.6	30.24	8.11	7.08	35.39	53.800																		
16-1	5/17/1995	13:45	Surface	3.0	0.2	30.59	8.20	5.87	35.75	54.303																		
16-1	5/17/1995	13:45	Mid	3.0	1.0	30.46	8.16	4.82	35.74	54.278	1.00	15	4.3	23.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.26	0.26	0.22	0.25	2.1	2.0		
16-1	5/17/1995	13:45	Bottom	3.0	2.8	30.11	8.14	4.42	35.79	54.340																		
16-2	5/17/1995	13:20	Surface	1.5	0.2	30.02	8.11	5.30	35.80	54.344																		
16-2	5/17/1995	13:20	Mid	1.5	0.7	30.03	8.12	5.07	35.80	54.348	0.80	10	1.3	1.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.33	0.33	0.04	0.15	1.6	1.5*	
16-2	5/17/1995	13:20	Bottom	1.5	1.3	30.05	8.12	5.00	35.80	54.345																		
16-3	5/17/1995	13:10	Surface	2.0	0.2	30.02	8.11	5.27	35.82	54.367																		
16-3	5/17/1995	13:10	Mid	2.0	1.0	30.03	8.11	5.14	35.82	54.369	0.80	5	0.9	28.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.10	0.33	0.33	0.09	0.16	2.7	2.0*	
16-3	5/17/1995	13:10	Bottom	2.0	1.8	30.03	8.10	5.12	35.81	54.358																		
16-4	5/17/1995	12:50	Surface	1.7	0.2	30.25	8.11	6.11	35.81	54.360																		
16-4	5/17/1995	12:50	Mid	1.7	0.8	30.18	8.11	5.59	35.82	54.374	0.80	5	0.8	26.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.12	0.27	0.27	0.02	0.16	1.6	1.7*	
16-4	5/17/1995	12:50	Bottom	1.7	1.5	30.22	8.12	5.41	35.81	54.362																		
16-5	5/17/1995	12:30	Surface	2.5	0.2	30.00	8.05	7.19	35.80	54.342																		
16-5	5/17/1995	12:30	Mid	2.5	1.0	29.94	8.07	6.88	35.83	54.369	0.80	5	1.0	29.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.11	0.26	0.26	0.01	0.16	1.6	2.0	
16-5	5/17/1995	12:30	Bottom	2.5	2.3	29.99	8.10	6.34	35.80	54.338																		
LB-1	5/17/1995	11:25	Surface	1.3	0.2	30.64	7.88	5.58	33.96	51.883																		
LB-1	5/17/1995	11:25	Mid	1.3	0.6	30.63	7.88	5.92	33.95	51.910	0.70	20	3.3	22.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.10	0.07	0.25	0.35	0.05	0.12	2.1	1.3*
LB-1	5/17/1995	11:25	Bottom	1.3	1.1	30.62	7.89	5.70	33.94	51.867																		
LB-2	5/17/1995	11:00	Surface	3.0	0.2	30.31	7.73	4.74	33.62	51.412																		
LB-2	5/17/1995	11:00	Mid	3.0	1.0	30.32	7.73	4.69	33.63	51.429	0.80	20	1.4	21.0	<0.01	0.01	<0.01	0.01	<0.01	<0.01	0.10	0.06	0.31	0.41	0.08	0.17	2.1	1.7
LB-2	5/17/1995	11:00	Bottom	3.0	2.8	30.18	7.72	4.52	33.65	51.445																		
LB-3	5/17/1995	10:40	Surface	1.4	0.2	30.05	7.86	5.35	34.63	52.773																		
LB-3	5/17/1995	10:40	Mid	1.4	0.7	30.07	7.87	5.18	34.66	52.813	1.50	20	1.8	10.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.10	0.10	0.38	0.48	0.07	0.20	3.7	1.4*
LB-3	5/17/1995	10:40	Bottom	1.4	1.2	30.08	7.87	5.16	34.71	52.873																		
LB-4	5/17/1995	10:20	Surface	1.5	0.2	29.55	7.93	4.70	35.44	53.826																		
LB-4	5/17/1995	10:20	Mid	1.5	0.7	29.57	7.93	4.66	35.53	53.931	1.30	15	2.1	27.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.09	0.09	0.34	0.43	0.05	0.14	1.1	1.5*
LB-4	5/17/1995	10:20	Bottom	1.5	1.3	29.62	7.96	4.53	35.60	54.047																		
LB-5	5/17/1995	10:00	Surface	2.5	0.2	29.86	8.15	5.43	36.00	54.607																		
LB-5	5/17/1995	10:00	Mid	2.5	1.0	29.86	8.16	5.24	36.01	54.609	1.60	15	3.9	28.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.09	0.06	0.29	0.38	0.02	0.08	2.1	1.5
LB-5	5/17/1995	10:00	Bottom	2.5	2.3	29.82	8.15	5.02	36.00	54.602																		
LB-5 rep	5/17/1995	10:05	Surface	2.5	0.2	29.87	8.15	5.42	36.01	54.612																		
LB-5 rep	5/17/1995	10:05	Mid	2.5	1.0	29.86	8.16	5.23	36.01	54.611	1.60	15	3.9	25.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.09	0.08	0.27	0.36	0.02	0.08	2.4	1.5
LB-5 rep	5/17/1995	10:05	Bottom	2.5	2.3	29.82	8.14	5.01	36.00	54.605																		
ML-1	5/18/1995	12:15	Surface	2.0	0.2	31.07	7.24	9.25	3.88	7.128																		
ML-1	5/18/1995	12:15	Mid	2.0	1.0	30.25	7.17	8.11	4.74	8.606	0.80	80	1.7	2.2	<0.01	0.01	<0.01	0.01	<0.01	<0.01	0.09	0.06	0.65	0.74	0.29	0.34	3.2	1.3
ML-1	5/18/1995	12:15	Bottom	2.0	1.8	30.24	7.16	8.07	4.83	8.729																		
ML-2	5/18/1995	11:55	Surface	1.3	0.2	31.05	7.35	9.63	6.37	11.307																		
ML-2	5/18/1995	11:55	Mid	1.3	0.6	30.34	7.27	8.52	7.07	12.432	0.90	80	1.3	6.2	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.08	0.08	0.61	0.69	0.24	0.29	3.7	1.2
ML-2	5/18/1995	11:55	Bottom	1.3	1.1	30.35	7.27	8.57	7.24	12.714																		
ML-3	5/18/1995	11:35	Surface	1.0	0.2	30.92	7.40	9.62	7.21	12.666																		
ML-3	5/18/1995	11:35	Mid	1.0	0.5	30.70	7.43	9.71	8.02	13.984	0.80	70	2.1	7.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.09	0.05	0.62	0.71	0.23	0.28	4.3	1.0*
ML-3	5/18/1995	11:35	Bottom	1.0	0.8	30.70	7.43	9.85	8.12	14.148																		
ML-4	5/18/1995	11:10	Surface	1.7	0.2	30.44	7.32	9.34	7.92	13.811																		
ML-4	5/18/1995	11:10	Mid	1.7	0.8	29.98	7.28	8.36	9.24	15.857	0.40	70	2.6	10.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.09	0.08	0.59	0.68	0.21	0.24	2.7	1.2
ML-4	5/18/1995	11:10	Bottom	1.7	1.5	29.91	7.27	8.30	9.50	16.323																		
ML-5	5/18/1995	10:20	Surface	1.4	0.2	30.32	7.41	9.23	10.80	18.382																		
ML-5	5/18/1995	10:20	Mid	1.4	0.7	30.21	7.38	9.07	10.92	18.572	0.80	80	2.5	11.4	<0.01	0.01	<0.01	0.01	<0.01	<0.01	0.08	0.04	0.55	0.63	0.18	0.23	3.7	1.2
ML-5	5/18/1995	10:20	Bottom	1.4	1.2	30.20	7.37	8.89	10.92	18.562																		
ML-5 Rep	5/18/1995	10:25	Surface	1.4	0.2	30.37	7.43	9.38	10.71	18.244																		
ML-5 Rep	5/18/1995	10:25	Mid	1.4	0.7	30.26	7.40	9.30	10.79	18.377	0.80	80	2.1	11.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.09	0.04	0.54	0.63	0.20	0.22	3.2	1.2
ML-5 Rep	5/18/1995	10:25	Bottom	1.4	1.2	30.22	7.39	9.08	10.82	18.414																		
MU-1	5/18/1995	14:00	Surface	1.8	0.2	31.15	7.15	10.80	0.21	444																		
MU-1	5/18/1995	14:00	Mid	1.8	0.9	31.03	7.14	10.76	0.21	444	1.10	80	2.6	3.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.08	0.05	0.43	0.51	0.52	0.56	9.1	1.4
MU-1	5/18/1995	14:00	Bottom	1.8	1.6	31.03	7.13	10.72	0.21	449																		
MU-2	5/18/1995	13:45	Surface	1.8	0.2	31.33	7.17	10.41	0.21	440																		
MU-2	5/18/1995	13:45	Mid	1																								

Table 1. Results of Laboratory Analyses and In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
10-2	6/19/1995	14:00	Mid	2.0	1.0	28.63	8.11	6.93	33.64	51.360	1.36	10	1.0	12.2	<0.01	<0.01	<0.02	<0.01	<0.01	<0.02	0.22	0.22	0.02	0.02	<1.0	2.0*
10-2	6/19/1995	14:00	Bottom	2.0	1.8	28.64	8.14	7.52	33.59	51.301																
10-3	6/19/1995	13:45	Surface	3.5	0.2	28.72	8.09	6.90	33.62	51.341																
10-3	6/19/1995	13:45	Mid	3.5	1.0	28.48	8.08	6.66	33.58	51.315	1.26	10	0.5	11.0	<0.01	<0.01	<0.02	<0.01	0.01	<0.02	0.38	0.39	0.02	0.02	<1.0	3.5*
10-3	6/19/1995	13:45	Bottom	3.5	3.3	28.19	8.07	6.57	33.60	51.288																
10-4	6/19/1995	12:10	Surface	3.6	0.2	28.28	8.04	5.77	33.51	51.181																
10-4	6/19/1995	12:10	Mid	3.6	1.0	28.09	8.04	5.76	33.50	51.145	1.06	10	0.6	5.8	<0.01	<0.01	<0.02	<0.01	<0.01	<0.02	0.47	0.47	0.02	0.02	1.6	3.4
10-4	6/19/1995	12:10	Bottom	3.6	3.4	27.97	8.04	5.82	33.56	51.230																
10-5	6/19/1995	13:20	Surface	2.5	0.2	28.85	8.05	5.93	32.74	50.127																
10-5	6/19/1995	13:20	Mid	2.5	1.0	28.68	8.08	6.27	33.29	50.873	1.41	10	1.3	26.0	<0.01	<0.01	<0.02	<0.01	<0.01	<0.02	0.49	0.49	0.04	0.04	1.6	2.5*
10-5	6/19/1995	13:20	Bottom	2.5	2.3	28.74	8.09	6.66	33.27	50.849																
11-1	6/19/1995	10:30	Surface	2.4	0.2	28.03	8.07	5.88	33.16	50.687																
11-1	6/19/1995	10:30	Mid	2.4	1.0	27.83	8.05	5.70	33.20	50.728	2.10	10	2.0	25.6	<0.01	<0.01	<0.02	<0.01	<0.01	<0.02	0.39	0.39	0.02	0.02	2.1	1.6
11-1	6/19/1995	10:30	Bottom	2.4	2.2	27.78	8.06	5.62	33.22	50.749																
11-1 rep	6/19/1995	10:40	Surface	2.4	0.2	28.06	8.09	5.80	33.16	50.689																
11-1 rep	6/19/1995	10:40	Mid	2.4	1.0	27.85	8.07	5.68	33.20	50.731	2.09	10	2.1	24.6	<0.01	<0.01	<0.02	<0.01	<0.01	<0.02	0.39	0.39	0.03	0.03	2.1	1.6
11-1 rep	6/19/1995	10:40	Bottom	2.4	2.2	27.80	8.08	5.62	33.22	50.753																
11-2	6/19/1995	11:30	Surface	3.2	0.2	28.36	8.04	5.84	33.13	50.649																
11-2	6/19/1995	11:30	Mid	3.2	1.0	27.90	8.03	5.88	33.18	50.707	1.39	10	1.5	19.9	<0.01	<0.01	<0.02	<0.01	<0.01	<0.02	0.43	0.43	0.02	0.02	2.1	2.7
11-2	6/19/1995	11:30	Bottom	3.2	3.0	27.62	8.01	5.74	33.45	51.055																
11-3	6/19/1995	11:50	Surface	2.4	0.2	28.40	8.02	5.76	33.12	50.652																
11-3	6/19/1995	11:50	Mid	2.4	1.0	27.91	8.03	5.78	33.36	50.954	1.40	10	0.9	26.0	<0.01	<0.01	<0.02	<0.01	<0.01	<0.02	0.35	0.35	0.02	0.02	2.1	2.4*
11-3	6/19/1995	11:50	Bottom	2.4	2.2	27.94	8.05	5.94	33.71	51.425																
11-4	6/19/1995	12:40	Surface	2.3	0.2	28.33	8.04	5.81	33.17	50.703																
11-4	6/19/1995	12:40	Mid	2.3	1.0	28.29	8.04	5.81	33.17	50.704	1.14	10	1.6	26.0	<0.01	<0.01	<0.02	<0.01	<0.01	<0.02	0.52	0.52	0.03	0.03	1.1	2.3*
11-4	6/19/1995	12:40	Bottom	2.3	2.1	28.25	8.04	5.82	33.16	50.699																
11-5	6/19/1995	13:00	Surface	2.0	0.2	28.93	8.05	6.07	31.58	48.553																
11-5	6/19/1995	13:00	Mid	2.0	1.0	28.58	8.06	6.10	31.78	48.823	1.73	15	1.5	17.8	<0.01	<0.01	<0.02	<0.01	0.01	<0.02	0.31	0.32	0.04	0.04	1.6	2.0*
11-5	6/19/1995	13:00	Bottom	2.0	1.8	28.61	8.08	6.29	33.52	51.202																
13-1	6/20/1995	14:00	Surface	3.0	0.2	29.56	8.11	7.28	30.12	46.587																
13-1	6/20/1995	14:00	Mid	3.0	1.0	29.52	8.11	7.25	30.41	46.969	2.12	20	1.8	18.2	<0.01	0.01	<0.02	0.01	0.01	<0.02	0.59	0.60	0.04	0.04	3.2	1.7
13-1	6/20/1995	14:00	Bottom	3.0	2.8	29.26	8.03	6.35	31.81	48.947																
13-2	6/20/1995	13:45	Surface	2.0	0.2	29.47	8.07	6.82	26.15	40.799																
13-2	6/20/1995	13:45	Mid	2.0	1.0	29.41	8.07	6.79	27.12	42.378	2.78	30	2.5	9.8	<0.01	0.01	<0.02	0.01	0.03	<0.02	0.55	0.58	0.06	0.07	6.9	1.3
13-2	6/20/1995	13:45	Bottom	2.0	1.8	29.39	8.07	6.75	27.36	42.737																
13-3	6/20/1995	13:20	Surface	1.3	0.2	29.38	8.09	6.90	27.32	42.670																
13-3	6/20/1995	13:20	Mid	1.3	0.6	29.40	8.08	6.90	27.33	42.694	2.76	20	1.6	23.0	<0.01	0.01	<0.02	0.01	0.01	<0.02	0.55	0.56	0.06	0.08	6.9	1.3*
13-3	6/20/1995	13:20	Bottom	1.3	1.1	29.38	8.08	6.90	27.30	42.653																
13-4	6/20/1995	12:55	Surface	1.0	0.2	29.53	8.10	7.02	27.21	42.537																
13-4	6/20/1995	12:55	Mid	1.0	0.5	29.54	8.10	7.01	27.23	42.558	2.53	30	1.9	25.0	<0.01	0.01	<0.02	0.01	0.01	<0.02	0.53	0.54	0.06	0.08	8.0	1.0*
13-4	6/20/1995	12:55	Bottom	1.0	0.8	29.55	8.10	7.01	27.23	42.560																
13-5	6/20/1995	12:35	Surface	2.1	0.2	29.26	8.19	7.58	26.66	41.749																
13-5	6/20/1995	12:35	Mid	2.1	1.0	29.14	8.18	7.54	26.82	42.023	3.25	25	1.9	7.8	<0.01	0.01	<0.02	0.01	0.01	<0.02	0.33	0.34	0.06	0.07	7.5	1.4
13-5	6/20/1995	12:35	Bottom	2.1	1.9	29.13	8.16	7.50	27.04	42.285																
14-1	6/20/1995	12:15	Surface	1.4	0.2	29.47	8.26	7.74	26.48	41.496																
14-1	6/20/1995	12:15	Mid	1.4	0.7	29.09	8.27	7.88	26.51	41.521	3.92	30	2.8	23.8	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.71	0.72	0.04	0.07	5.9	1.1
14-1	6/20/1995	12:15	Bottom	1.4	1.2	29.03	8.28	8.11	26.50	41.515																
14-2	6/20/1995	11:55	Surface	1.5	0.2	29.49	8.30	7.93	26.43	41.427																
14-2	6/20/1995	11:55	Mid	1.5	0.7	29.26	8.30	7.99	26.42	41.416	3.91	30	2.3	19.2	<0.01	0.01	<0.02	0.01	0.01	<0.02	0.88	0.89	0.04	0.07	3.2	1.3
14-2	6/20/1995	11:55	Bottom	1.5	1.3	28.81	8.24	7.50	26.54	41.577																
14-3	6/20/1995	11:35	Surface	1.0	0.2	29.19	8.34	7.77	25.70	40.386																
14-3	6/20/1995	11:35	Mid	1.0	0.5	29.23	8.36	8.19	26.41	41.368	3.89	30	4.5	33.6	<0.01	0.01	<0.02	0.01	0.01	<0.02	0.82	0.83	0.03	0.04	4.3	1.0*
14-3	6/20/1995	11:35	Bottom	1.0	0.8	29.35	8.40	8.86	26.84	41.999																
14-4	6/20/1995	11:15	Surface	1.1	0.2	29.05	8.41	8.39	27.80	43.342																
14-4	6/20/1995	11:15	Mid	1.1	0.5	28.81	8.40	8.18	27.96	43.551	3.99	25	2.9	9.8	<0.01	0.01	<0.02	0.01	0.01	<0.02	0.70	0.71	0.01	0.02	2.7	1.1*
14-4	6/20/1995	11:15	Bottom	1.1	0.9	28.70	8.40	8.18	28.06	43.685																
14-5	6/20/1995	10:45	Surface	1.8	0.2	29.03	8.29	6.94	28.29	44.014																
14-5	6/20/1995	10:45	Mid	1.8	0.9	28.79	8.29	7.16	28.43	44.204	4.00	25	2.0	17.7	<0.01	0.01	<0.02	0.01	0.02	<0.02	0.63	0.65	0.01	0.02	5.3	1.6
14-5	6/20/1995	10:45	Bottom	1.8	1.6	29.03	8.21	6.85	29.64	45.890																
14-5 (rep)	6/20/1995	11:00																								

Table 1. Results of Laboratory Analyses and In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
16-4	6/21/1995	12:20	Mid	1.3	0.6	27.39	7.80	3.42	31.89	48,919	1.16	10	1.3	8.0	<0.01	0.01	<0.02	0.01	0.03	<0.02	0.41	0.44	<0.01	<0.01	2.1	1.3*
16-4	6/21/1995	12:20	Bottom	1.3	1.1	27.43	7.80	3.47	31.95	49,008																
16-5	6/21/1995	12:40	Surface	1.5	0.2	27.46	7.81	3.69	32.14	49,271																
16-5	6/21/1995	12:40	Mid	1.5	0.7	27.45	7.82	3.68	32.24	49,386	1.07	10	1.0	5.8	0.01	0.16	0.02	0.19	0.27	0.02	0.35	0.62	<0.01	0.01	2.1	1.5*
16-5	6/21/1995	12:40	Bottom	1.5	1.3	27.34	7.80	3.65	32.75	50,000																
LB-1	6/21/1995	13:10	Surface	1.3	0.2	27.11	7.36	3.05	18.59	30,102																
LB-1	6/21/1995	13:10	Mid	1.3	0.6	27.61	7.50	2.98	25.62	40,168	1.52	30	2.5	4.0	<0.01	0.02	0.03	0.05	0.08	0.03	0.22	0.30	0.12	0.27	3.2	1.3*
LB-1	6/21/1995	13:10	Bottom	1.3	1.1	28.64	7.53	2.73	27.41	42,766																
LB-2	6/21/1995	13:30	Surface	2.1	0.2	27.19	7.58	4.16	26.75	41,795																
LB-2	6/21/1995	13:30	Mid	2.1	1.0	27.38	7.61	3.93	27.65	43,061	1.81	40	2.1	16.2	<0.01	0.02	<0.02	0.02	0.02	<0.02	0.37	0.39	0.07	0.18	2.7	1.8
LB-2	6/21/1995	13:30	Bottom	2.1	1.9	28.23	7.60	2.79	28.81	44,700																
LB-3	6/21/1995	13:50	Surface	1.1	0.2	26.32	7.55	3.55	27.26	42,478																
LB-3	6/21/1995	13:50	Mid	1.1	0.5	26.38	7.56	3.43	27.42	42,695	1.82	20	1.2	11.4	<0.01	0.02	<0.02	0.02	0.02	<0.02	0.37	0.39	0.06	0.16	3.2	1.1*
LB-3	6/21/1995	13:50	Bottom	1.1	0.9	26.87	7.56	3.24	27.93	43,444																
LB-4	6/21/1995	14:00	Surface	1.6	0.2	29.37	8.21	8.68	32.53	49,890																
LB-4	6/21/1995	14:00	Mid	1.6	0.8	29.41	8.20	8.67	32.55	49,929	3.35	25	1.4	17.0	<0.01	0.02	<0.02	0.02	0.02	<0.02	0.38	0.40	0.02	0.10	3.7	1.4
LB-4	6/21/1995	14:00	Bottom	1.6	1.4	28.41	8.08	6.94	32.37	49,622																
LB-5	6/21/1995	14:10	Surface	2.1	0.2	28.62	7.99	5.64	32.48	49,775																
LB-5	6/21/1995	14:10	Mid	2.1	1.0	28.57	7.99	5.67	32.47	49,764	1.83	15	2.3	15.8	<0.01	0.02	<0.02	0.02	0.02	<0.02	0.37	0.39	0.02	0.08	3.2	1.4
LB-5	6/21/1995	14:10	Bottom	2.1	1.9	28.35	7.99	5.66	32.46	49,750																
ML-1	6/22/1995	11:35	Surface	1.8	0.2	27.47	6.99	4.68	1.00	1,981																
ML-1	6/22/1995	11:35	Mid	1.8	0.9	26.97	7.00	4.68	1.11	2,188	0.68	125	1.3	15.0	<0.01	0.09	<0.02	0.09	0.09	<0.02	0.37	0.46	0.77	0.80	1.6	0.7
ML-1	6/22/1995	11:35	Bottom	1.8	1.6	26.92	7.00	4.65	1.26	2,458																
ML-2	6/22/1995	11:20	Surface	1.6	0.2	27.05	7.08	5.03	1.74	3,344																
ML-2	6/22/1995	11:20	Mid	1.6	0.8	26.52	7.08	5.05	1.97	3,753	0.71	150	1.5	1.8	<0.01	0.08	<0.02	0.08	0.08	<0.02	0.37	0.45	0.67	0.67	1.6	1.0
ML-2	6/22/1995	11:20	Bottom	1.6	1.4	26.48	7.07	4.99	1.99	3,781																
ML-3	6/22/1995	11:00	Surface	1.4	0.2	26.88	7.09	5.18	1.88	3,585																
ML-3	6/22/1995	11:00	Mid	1.4	0.7	26.36	7.10	5.24	2.31	4,346	0.82	125	2.0	2.8	<0.01	0.11	<0.02	0.11	0.11	0.02	0.37	0.48	0.67	0.67	2.1	0.9
ML-3	6/22/1995	11:00	Bottom	1.4	1.2	26.35	7.09	5.23	2.36	4,444																
ML-4	6/22/1995	10:35	Surface	1.5	0.2	27.06	7.14	5.49	2.42	4,487																
ML-4	6/22/1995	10:35	Mid	1.5	0.7	26.27	7.15	5.46	2.94	5,460	0.87	125	1.7	0.6	<0.01	0.02	<0.02	0.02	0.02	<0.02	0.36	0.38	0.61	0.63	2.1	0.9
ML-4	6/22/1995	10:35	Bottom	1.5	1.3	26.27	7.15	5.50	2.95	5,483																
ML-5	6/22/1995	10:05	Surface	1.4	0.2	26.20	7.22	6.17	4.12	7,483																
ML-5	6/22/1995	10:05	Mid	1.4	0.7	26.02	7.27	6.22	4.57	8,259	0.89	125	1.9	2.2	<0.01	0.02	<0.02	0.02	0.02	0.04	0.38	0.40	0.47	0.48	3.2	0.9
ML-5	6/22/1995	10:05	Bottom	1.4	1.2	26.00	7.28	6.20	4.85	8,760																
ML-5 Rep	6/22/1995	10:15	Surface	1.4	0.2	26.21	7.21	6.16	4.23	7,667																
ML-5 Rep	6/22/1995	10:15	Mid	1.4	0.7	26.02	7.27	6.22	4.55	8,226	0.91	125	1.7	2.2	<0.01	0.02	<0.02	0.02	0.02	0.04	0.35	0.37	0.46	0.46	3.3	0.9
ML-5 Rep	6/22/1995	10:15	Bottom	1.4	1.2	26.00	7.28	6.20	4.82	8,683																
MU-1	6/22/1995	13:35	Surface	2.5	0.2	27.28	6.56	2.87	0.18	379																
MU-1	6/22/1995	13:35	Mid	2.5	1.0	26.74	6.54	2.42	0.18	377	2.10	150	1.8	1.8	<0.01	0.08	<0.02	0.08	0.08	<0.02	0.60	0.68	0.03	0.09	9.1	0.9
MU-1	6/22/1995	13:35	Bottom	2.5	2.3	26.58	6.51	2.18	0.18	376																
MU-2	6/22/1995	13:15	Surface	3.9	0.2	28.50	6.72	3.69	0.18	383																
MU-2	6/22/1995	13:15	Mid	3.9	1.0	27.00	6.64	3.60	0.18	382	2.20	175	1.4	2.8	<0.01	0.23	0.02	0.25	0.38	0.02	0.84	1.22	0.96	0.96	12.3	0.6
MU-2	6/22/1995	13:15	Bottom	3.9	3.7	26.68	6.60	2.31	0.18	383																
MU-3	6/22/1995	12:35	Surface	1.9	0.2	27.97	6.79	3.97	0.20	419																
MU-3	6/22/1995	12:35	Mid	1.9	0.9	27.77	6.77	3.81	0.20	415	1.68	150	1.9	2.4	<0.01	0.07	0.04	0.11	0.08	0.08	0.35	0.43	0.84	0.84	8.0	0.7
MU-3	6/22/1995	12:35	Bottom	1.9	1.7	26.97	6.70	3.44	0.20	411																
MU-4	6/22/1995	12:15	Surface	1.5	0.2	27.18	6.81	4.11	0.22	461																
MU-4	6/22/1995	12:15	Mid	1.5	0.7	27.04	6.77	4.01	0.22	463	1.59	150	1.2	1.6	<0.01	0.03	<0.02	0.03	0.07	0.06	0.51	0.58	0.84	0.84	10.7	0.7
MU-4	6/22/1995	12:15	Bottom	1.5	1.3	27.00	6.76	3.97	0.22	462																
MU-5	6/22/1995	11:55	Surface	1.4	0.2	27.34	6.94	4.51	0.68	1,360																
MU-5	6/22/1995	11:55	Mid	1.4	0.7	26.95	6.90	4.37	0.75	1,495	0.99	175	1.8	0.4	<0.01	0.03	<0.02	0.03	0.07	0.04	0.67	0.74	0.80	0.80	2.7	0.8
MU-5	6/22/1995	11:55	Bottom	1.4	1.2	26.85	6.89	4.31	0.75	1,493																
Equip Blank	6/19/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	6/22/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
10-1	7/10/1995	10:30	Surface	2.1	0.2	30.25	8.07	5.12	33.97	51,894																
10-1	7/10/1995	10:30	Mid	2.1	1.0	30.31	8.09	5.27	33.99	51,908	1.36	5	1.0	23.8	<0.01	<0.01	<0.02	<0.01	<0.01	<0.02	0.20	0.20	<0.01	0.11	1.0	2.1*
10-1	7/10/1995	10:30	Bottom	2.1	1.9	30.41	8.10	6.15	34.10	52,063																
10-1 Rep	7/10/1995	10:40	Surface	2.1	0.2	30.25	8.08	5.05	33.97	51,877																
10-1 Rep	7/10/1995	10:40	Mid	2.1	1.0	30.32	8.10	5.36	33.98	51,889	1.37	5	1.1	21.6	<0.01	<0.01	<0.02	<0.01								

Station	Date (mm/dd/yyyy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
11-1	7/10/1995	13:45	Mid	3.7	1.0	31.18	8.23	7.07	33.10	50,745	3.74	15	2.8	30.0	<0.01	<0.01	<0.02	<0.01	0.04	0.03	0.29	0.33	<0.01	0.09	4.8	1.2
11-1	7/10/1995	13:45	Bottom	3.7	3.5	31.09	8.23	6.82	33.10	50,732																
11-2	7/10/1995	13:20	Surface	3.5	0.2	31.12	8.22	6.61	33.02	50,631																
11-2	7/10/1995	13:20	Mid	3.5	1.0	31.13	8.23	6.61	33.03	50,632	1.78	15	4.1	8.2	<0.01	<0.01	<0.02	<0.01	<0.01	<0.02	0.25	0.25	<0.01	0.08	4.8	1.7
11-2	7/10/1995	13:20	Bottom	3.5	3.3	31.08	8.22	6.44	33.03	50,644																
11-3	7/10/1995	12:45	Surface	3.5	0.2	31.03	8.15	6.44	33.28	50,972																
11-3	7/10/1995	12:45	Mid	3.5	1.0	31.02	8.15	6.47	33.33	51,045	1.37	10	2.3	14.0	<0.01	<0.01	<0.02	<0.01	0.02	<0.02	0.26	0.28	<0.01	0.10	1.6	2.3
11-3	7/10/1995	12:45	Bottom	3.5	3.3	30.90	8.14	6.29	33.46	51,225																
11-4	7/10/1995	12:30	Surface	2.0	0.2	30.66	8.12	6.24	33.25	50,922																
11-4	7/10/1995	12:30	Mid	2.0	1.0	30.66	8.12	6.28	33.26	50,939	1.40	15	1.0	11.6	<0.01	<0.01	<0.02	<0.01	0.02	<0.02	0.21	0.23	<0.01	0.06	2.1	2.0*
11-4	7/10/1995	12:30	Bottom	2.0	1.8	30.73	8.15	6.51	33.34	51,038																
11-5	7/10/1995	12:00	Surface	2.5	0.2	30.52	8.12	6.30	32.71	50,170																
11-5	7/10/1995	12:00	Mid	2.5	1.0	30.55	8.11	6.28	33.07	50,562	1.13	15	1.0	2.6	<0.01	<0.01	<0.02	<0.01	<0.01	<0.02	0.26	0.26	<0.01	0.08	1.6	2.5*
11-5	7/10/1995	12:00	Bottom	2.5	2.3	30.62	8.13	6.22	33.91	51,822																
13-1	7/11/1995	14:15	Surface	1.5	0.2	31.50	8.18	6.62	32.32	49,686																
13-1	7/11/1995	14:15	Mid	1.5	0.7	31.52	8.18	6.44	32.35	49,736	1.23	10	1.4	41.4	<0.01	<0.01	<0.02	<0.01	0.01	<0.02	0.31	0.32	0.05	0.08	2.1	1.5*
13-1	7/11/1995	14:15	Bottom	1.5	1.3	31.53	8.18	6.37	32.31	49,676																
13-2	7/11/1995	14:00	Surface	1.0	0.2	31.69	8.16	7.73	30.62	47,360																
13-2	7/11/1995	14:00	Mid	1.0	0.5	31.66	8.16	7.36	30.65	47,423	1.60	15	2.3	30.6	<0.01	<0.01	<0.02									

Table 1. Results of Laboratory Analyses and In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
LB-4	7/12/1995	14:00	Mid	1.7	0.8	30.29	8.40	7.61	24.42	38.623	5.64	25	2.4	21.0	<0.01	<0.01	<0.02	<0.01	<0.01	<0.02	0.15	0.15	<0.01	0.08	6.9	1.2
LB-4	7/12/1995	14:00	Bottom	1.7	1.5	30.49	8.30	5.30	25.88	40.708																
LB-5	7/12/1995	14:20	Surface	2.2	0.2	30.62	8.40	6.78	26.87	42.099																
LB-5	7/12/1995	14:20	Mid	2.2	1.0	30.53	8.39	6.98	27.64	43.131	1.32	10	1.3	14.0	<0.01	<0.01	<0.02	<0.01	<0.01	<0.02	0.55	0.55	<0.01	0.13	5.3	1.3
LB-5	7/12/1995	14:20	Bottom	2.2	2.0	30.83	8.31	5.42	29.17	45.331																
ML-1	7/13/1995	12:00	Surface	2.5	0.2	29.79	6.67	4.40	0.13	285																
ML-1	7/13/1995	12:00	Mid	2.5	1.0	29.08	6.66	4.32	0.14	292	1.17	250	1.5	6.0	<0.01	0.02	<0.02	0.02	0.04	<0.02	1.38	1.42	0.52	0.57	3.7	0.7
ML-1	7/13/1995	12:00	Bottom	2.5	2.3	29.03	6.64	4.14	0.14	302																
ML-2	7/13/1995	11:45	Surface	1.2	0.2	29.14	6.73	4.44	0.30	605																
ML-2	7/13/1995	11:45	Mid	1.2	0.6	28.89	6.71	4.10	0.34	702	1.12	250	1.2	6.0	0.02	0.05	<0.02	0.07	0.07	0.01	1.20	1.27	0.52	0.54	1.6	0.8
ML-2	7/13/1995	11:45	Bottom	1.2	1.0	28.85	6.71	4.02	0.38	782																
ML-3	7/13/1995	11:20	Surface	1.2	0.2	29.58	6.84	4.94	0.63	1,281																
ML-3	7/13/1995	11:20	Mid	1.2	0.6	29.65	6.85	5.31	0.63	1,280	1.05	200	1.3	5.0	<0.01	0.02	<0.02	0.02	0.05	<0.02	1.23	1.28	0.48	0.52	1.1	0.5
ML-3	7/13/1995	11:20	Bottom	1.2	1.0	29.63	6.83	4.91	0.61	1,243																
ML-4	7/13/1995	11:00	Surface	1.3	0.2	29.34	6.99	5.91	0.67	1,349																
ML-4	7/13/1995	11:00	Mid	1.3	0.6	29.16	6.96	5.70	0.66	1,331	1.37	200	2.1	5.0	<0.01	0.02	<0.02	0.02	0.02	<0.02	1.38	1.40	0.44	0.49	2.7	0.4
ML-4	7/13/1995	11:00	Bottom	1.3	1.1	28.85	6.93	5.59	0.65	1,317																
ML-5	7/13/1995	10:15	Surface	1.5	0.2	28.61	7.06	6.13	0.86	1,721																
ML-5	7/13/1995	10:15	Mid	1.5	0.7	28.60	7.06	6.02	0.87	1,729	1.38	200	1.9	10.0	0.02	0.02	<0.02	0.04	0.07	<0.02	1.32	1.39	0.40	0.46	3.2	0.6
ML-5	7/13/1995	10:15	Bottom	1.5	1.3	28.56	7.06	5.94	0.87	1,732																
ML-5 Rep	7/13/1995	10:30	Surface	1.5	0.2	28.60	7.06	6.08	0.86	1,714																
ML-5 Rep	7/13/1995	10:30	Mid	1.5	0.7	28.59	7.06	5.98	0.87	1,728	1.38	200	1.8	9.0	0.02	0.02	<0.02	0.04	0.07	<0.02	1.33	1.40	0.41	0.45	3.2	0.6
ML-5 Rep	7/13/1995	10:30	Bottom	1.5	1.3	28.57	7.06	5.92	0.87	1,733																
MU-1	7/13/1995	13:30	Surface	2.0	0.2	29.64	6.64	4.27	0.11	229																
MU-1	7/13/1995	13:30	Mid	2.0	1.0	29.23	6.55	3.97	0.11	229	1.50	225	1.7	9.0	0.02	0.02	<0.02	0.04	0.06	<0.02	1.24	1.30	0.50	0.51	3.7	0.5
MU-1	7/13/1995	13:30	Bottom	2.0	1.8	29.11	6.56	3.87	0.11	232																
MU-2	7/13/1995	13:00	Surface	1.6	0.2	30.44	6.70	4.07	0.11	241																
MU-2	7/13/1995	13:00	Mid	1.6	0.8	29.67	6.59	3.68	0.11	240	1.44	225	1.4	9.0	0.02	0.04	<0.02	0.06	0.06	0.02	1.18	1.24	0.53	0.55	6.4	0.5
MU-2	7/13/1995	13:00	Bottom	1.6	1.4	29.62	6.57	3.59	0.11	240																
MU-3	7/13/1995	12:45	Surface	0.8	0.2	29.94	6.70	4.13	0.11	242																
MU-3	7/13/1995	12:45	Mid	0.8	0.4	30.37	6.70	4.09	0.11	241	1.42	250	1.2	7.0	<0.01	0.02	<0.02	0.02	0.04	0.02	1.12	1.16	0.54	0.54	4.8	0.7
MU-3	7/13/1995	12:45	Bottom	0.8	0.6	29.85	6.65	3.95	0.11	241																
MU-4	7/13/1995	12:30	Surface	1.5	0.2	30.00	6.72	4.48	0.12	249																
MU-4	7/13/1995	12:30	Mid	1.5	0.7	29.60	6.68	4.33	0.12	249	1.47	225	1.3	7.0	0.02	0.03	<0.02	0.05	0.08	0.03	1.18	1.26	0.55	0.55	4.8	0.7
MU-4	7/13/1995	12:30	Bottom	1.5	1.3	29.36	6.66	4.16	0.12	255																
MU-5	7/13/1995	12:15	Surface	2.5	0.2	29.88	6.74	4.51	0.13	275																
MU-5	7/13/1995	12:15	Mid	2.5	1.0	29.26	6.69	4.40	0.13	278	1.38	225	1.3	8.0	<0.01	0.02	<0.02	0.02	0.04	<0.02	1.09	1.13	0.52	0.53	3.2	0.7
MU-5	7/13/1995	12:15	Bottom	2.5	2.3	29.18	6.66	4.24	0.13	279																
Equip Blank	7/10/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	7/11/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	7/12/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	7/13/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
10-1	8/23/1995	13:25	Surface	4.0	0.2	31.13	8.33	7.08	29.18	45,348																
10-1	8/23/1995	13:25	Mid	4.0	1.0	31.12	8.33	7.03	29.18	45,341	1.00	5	0.8	13.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.55	0.55	0.02	0.08	3.2	1.8
10-1	8/23/1995	13:25	Bottom	4.0	3.8	30.53	8.13	6.10	31.92	49,106																
10-2	8/23/1995	12:30	Surface	2.0	0.2	30.90	8.17	6.35	30.57	47,260																
10-2	8/23/1995	12:30	Mid	2.0	1.0	30.85	8.16	6.25	30.72	47,465	4.20	10	0.7	12.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.53	0.53	0.01	0.06	2.7	2.0*
10-2	8/23/1995	12:30	Bottom	2.0	1.8	30.86	8.22	6.19	31.79	48,932																
10-3	8/23/1995	12:50	Surface	2.5	0.2	31.02	8.21	7.06	30.28	46,863																
10-3	8/23/1995	12:50	Mid	2.5	1.0	31.03	8.21	7.03	30.34	46,960	4.00	5	0.6	24.7	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.59	0.59	0.01	0.07	2.1	2.5*
10-3	8/23/1995	12:50	Bottom	2.5	2.3	31.00	8.22	7.01	30.35	46,964																
10-4	8/23/1995	12:15	Surface	5.0	0.2	31.18	8.09	5.83	30.73	47,505																
10-4	8/23/1995	12:15	Mid	5.0	1.0	31.17	8.09	5.75	30.76	47,528	1.10	10	0.4	3.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.55	0.55	0.01	0.05	<1.0	4.3
10-4	8/23/1995	12:15	Bottom	5.0	4.8	30.45	8.08	5.70	31.85	48,995																
10-5	8/23/1995	11:45	Surface	4.5	0.2	30.50	8.05	5.81	31.17	48,070																
10-5	8/23/1995	11:45	Mid	4.5	1.0	30.40	8.05	5.78	31.52	48,539	3.00	10	0.5	28.0	<0.01	0.01	<0.01	0.01	0.01	0.01	0.56	0.57	0.01	0.05	2.7	3.0
10-5	8/23/1995	11:45	Bottom	4.5	4.3	30.25	8.06	5.88	32.11	49,351																
11-1	8/23/1995	10:00	Surface	3.8	0.2	30.80	7.94	5.91	29.91	46,353																
11-1	8/23/1995	10:00	Mid	3.8	1.0	30.78	7.97	5.86	29.91	46,343	1.70	10	0.7	22.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.56	0.56	0.01	0.07	3.2	2.0
11-1																										

Table 1. Results of Laboratory Analyses and In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
11-5	8/23/1995	11:25	Bottom	3.1	2.9	30.47	8.04	5.55	31.75	48,869																
13-1	8/28/1995	14:00	Surface	1.1	0.2	31.01	8.02	7.29	21.80	34,966																
13-1	8/28/1995	14:00	Mid	1.1	0.5	30.92	8.02	7.27	22.13	35,378	3.10	40	1.2	12.8	<0.01	<0.01	0.01	0.01	<0.01	0.05	1.49	1.49	0.08	0.20	10.1	0.6
13-1	8/28/1995	14:00	Bottom	1.1	0.9	30.89	8.01	7.24	22.50	35,886																
13-2	8/28/1995	13:45	Surface	1.6	0.2	30.76	8.02	7.69	20.41	32,844																
13-2	8/28/1995	13:45	Mid	1.6	0.8	30.15	7.92	6.39	21.30	34,135	3.20	45	1.3	10.8	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	1.05	1.05	0.10	0.16	9.1	0.6
13-2	8/28/1995	13:45	Bottom	1.6	1.4	29.86	7.86	4.79	25.92	40,728																
13-3	8/28/1995	13:20	Surface	3.0	0.2	31.23	8.00	8.39	16.09	26,478																
13-3	8/28/1995	13:20	Mid	3.0	1.0	31.20	8.00	8.30	16.00	26,400	4.70	60	2.0	26.0	<0.01	<0.01	0.02	0.02	0.01	0.08	0.98	0.99	0.12	0.22	11.2	0.6
13-3	8/28/1995	13:20	Bottom	3.0	2.8	31.17	8.00	8.09	16.57	27,083																
13-4	8/28/1995	12:00	Surface	3.5	0.2	30.12	7.78	5.57	15.77	25,982																
13-4	8/28/1995	12:00	Mid	3.5	1.0	30.11	7.79	5.52	15.70	25,897	3.90	70	1.9	10.4	<0.01	0.01	<0.01	0.01	0.01	0.02	1.10	1.11	0.13	0.24	13.9	0.6
13-4	8/28/1995	12:00	Bottom	3.5	3.3	29.99	7.78	5.40	15.91	26,250																
13-5	8/28/1995	12:25	Surface	2.3	0.2	30.40	7.84	6.27	16.21	26,642																
13-5	8/28/1995	12:25	Mid	2.3	1.0	30.31	7.89	6.34	16.67	27,199	5.00	60	2.1	18.0	<0.01	<0.01	0.02	0.02	<0.01	0.02	1.10	1.10	0.11	0.24	19.2	0.6
13-5	8/28/1995	12:25	Bottom	2.3	2.1	29.81	7.80	4.70	18.18	29,514																
14-1	8/28/1995	11:40	Surface	2.2	0.2	30.42	8.08	7.89	16.84	27,583																
14-1	8/28/1995	11:40	Mid	2.2	1.0	30.38	8.08	7.86	16.88	27,652	5.40	60	2.0	15.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	1.09	1.09	0.09	0.22	21.4	0.7
14-1	8/28/1995	11:40	Bottom	2.2	2.0	29.83	7.82	4.29	18.64	30,300																
14-2	8/28/1995	11:20	Surface	1.7	0.2	30.02	8.10	7.80	17.70	28,852																
14-2	8/28/1995	11:20	Mid	1.7	0.8	29.56	8.05	6.75	17.93	29,141	5.40	50	1.9	20.8	<0.01	<0.01	0.02	0.02	<0.01	0.06	1.00	1.00	0.09	0.21	22.4	0.7
14-2	8/28/1995	11:20	Bottom	1.7	1.5	29.70	7.96	5.63	18.58	30,133																
14-3	8/28/1995	11:00	Surface	3.0	0.2	30.07	7.99	6.37	21.60	34,681																
14-3	8/28/1995	11:00	Mid	3.0	1.0	29.98	8.04	6.37	21.85	34,911	5.90	40	1.9	16.4	<0.01	<0.01	0.02	0.02	<0.01	0.03	0.96	0.96	0.06	0.16	9.6	0.8
14-3	8/28/1995	11:00	Bottom	3.0	2.8	29.76	8.03	5.77	22.01	35,143																
14-4	8/28/1995	10:40	Surface	1.8	0.2	30.26	8.09	6.84	22.42	35,759																
14-4	8/28/1995	10:40	Mid	1.8	0.9	30.15	8.09	6.75	22.41	35,738	5.00	40	1.8	12.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.97	0.97	0.06	0.13	15.5	0.7
14-4	8/28/1995	10:40	Bottom	1.8	1.6	29.90	8.08	6.59	22.52	35,901																
14-5	8/28/1995	10:10	Surface	1.5	0.2	29.85	7.99	6.18	22.22	35,454																
14-5	8/28/1995	10:10	Mid	1.5	0.7	29.83	8.00	6.17	22.22	35,447	4.50	40	2.0	16.8	<0.01	<0.01	0.02	0.02	<0.01	0.02	0.90	0.90	0.06	0.19	8.5	0.8
14-5	8/28/1995	10:10	Bottom	1.5	1.3	29.81	8.01	6.13	22.22	35,459																
14-5 Rep	8/28/1995	10:20	Surface	1.5	0.2	29.86	7.99	6.18	22.22	35,452																
14-5 Rep	8/28/1995	10:20	Mid	1.5	0.7	29.84	8.00	6.16	22.22	35,447	4.40	40	1.8	16.4	<0.01	<0.01	0.02	0.02	<0.01	0.02	0.97	0.97	0.06	0.17	9.1	0.8
14-5 Rep	8/28/1995	10:20	Bottom	1.5	1.3	29.82	8.01	6.13	22.22	35,455																
16-1	8/29/1995	14:15	Surface	1.0	0.2	31.78	7.99	6.80	21.06	33,801																
16-1	8/29/1995	14:15	Mid	1.0	0.5	31.76	7.99	6.79	21.11	34,000	3.80	70	1.6	9.6	<0.01	<0.01	0.02	0.02	<0.01	0.02	1.04	1.04	0.70	0.76	12.8	0.8
16-1	8/29/1995	14:15	Bottom	1.0	0.8	31.75	7.99	6.70	21.11	34,010																
16-2	8/29/1995	14:00	Surface	1.4	0.2	31.80	7.99	6.76	21.05	33,787																
16-2	8/29/1995	14:00	Mid	1.4	0.7	31.65	7.99	6.70	21.26	34,122	4.00	70	1.7	10.8	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.80	0.80	0.08	0.14	8.5	0.8
16-2	8/29/1995	14:00	Bottom	1.4	1.2	31.51	7.99	6.57	21.37	34,283																
16-3	8/29/1995	13:40	Surface	2.0	0.2	32.02	8.00	6.99	20.27	32,641																
16-3	8/29/1995	13:40	Mid	2.0	1.0	31.08	8.01	6.65	21.91	35,054	3.70	60	1.9	12.0	<0.01	0.02	0.02	0.04	0.04	0.06	0.83	0.87	0.07	0.13	5.9	0.8
16-3	8/29/1995	13:40	Bottom	2.0	1.8	31.05	7.99	6.49	22.22	35,507																
16-4	8/29/1995	13:20	Surface	1.0	0.2	31.04	7.99	6.43	21.95	35,111																
16-4	8/29/1995	13:20	Mid	1.0	0.5	31.01	7.99	6.45	21.96	35,114	3.30	60	1.2	19.6	<0.01	<0.01	0.02	0.02	<0.01	0.02	0.90	0.90	0.06	0.13	6.4	1.0*
16-4	8/29/1995	13:20	Bottom	1.0	0.8	30.95	7.98	6.42	21.92	35,064																
16-5	8/29/1995	13:00	Surface	2.1	0.2	31.19	7.95	6.14	21.60	34,600																
16-5	8/29/1995	13:00	Mid	2.1	1.0	30.50	7.95	6.20	23.37	37,167	3.20	60	1.7	16.6	<0.01	<0.01	<0.01	<0.01	0.01	0.03	0.85	0.86	0.06	0.11	11.2	1.2
16-5	8/29/1995	13:00	Bottom	2.1	1.9	30.12	7.97	6.06	25.54	40,143																
LB-1	8/29/1995	11:40	Surface	2.0	0.2	31.11	7.52	5.59	11.11	18,869																
LB-1	8/29/1995	11:40	Mid	2.0	1.0	30.66	7.68	4.97	17.36	28,303	3.80	50	2.3	11.2	<0.01	<0.01	<0.01	<0.01	0.01	0.01	1.09	1.10	0.13	0.36	9.1	0.6
LB-1	8/29/1995	11:40	Bottom	2.0	1.8	30.54	7.71	3.67	19.41	31,401																
LB-2	8/29/1995	11:20	Surface	1.5	0.2	30.63	7.80	5.73	17.92	29,206																
LB-2	8/29/1995	11:20	Mid	1.5	0.7	30.52	7.79	5.23	18.67	30,094	4.30	50	1.9	11.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	1.22	1.22	0.18	0.38	8.5	0.8
LB-2	8/29/1995	11:20	Bottom	1.5	1.3	30.47	7.83	3.85	20.45	32,878																
LB-3	8/29/1995	11:00	Surface	1.3	0.2	30.52	7.96	5.97	19.72	31,842																
LB-3	8/29/1995	11:00	Mid	1.3	0.6	30.47	7.98	5.28	20.42	33,926	4.60	45	1.7	13.2	<0.01	<0.01	<0.01	<0.01	0.01	0.01	1.25	1.26	0.14	0.34	11.2	0.7
LB-3	8/29/1995	11:00	Bottom	1.3	1.1	30.49	7.95	4.24	21.33	34,172																
LB-4	8/29/1995	10:40	Surface	1.2	0.2	30.60	8.06	6.19	21.15	33,936																
LB-4	8/29/1995	10:40	Mid	1.2	0.6	30.53	8.06	6.14	21.27	34,113	4.60	40	1.9	10.0	<0.01	<0.01	0.02	0.02	<0.01	0.04	1.10	1.10	0.10	0.25	11.2	0.8
LB-4	8/29/1995	10:40	Bottom	1.2	1.0	30.43																				

Table 1. Results of Laboratory Analyses and In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
ML-3	8/22/1995	11:30	Bottom	1.1	0.9	29.34	6.53	3.60	0.26	552																
ML-4	8/22/1995	11:00	Surface	3.0	0.2	30.60	6.59	3.88	0.23	478																
ML-4	8/22/1995	11:00	Mid	3.0	1.0	29.64	6.58	3.83	0.22	469	1.10	200	0.7	3.0	<0.01	0.02	0.01	0.03	0.06	0.05	1.17	1.23	0.23	0.30	<1.0	0.6
ML-4	8/22/1995	11:00	Bottom	3.0	2.8	29.61	6.54	3.74	0.22	467																
ML-5	8/22/1995	10:30	Surface	1.5	0.2	29.93	6.72	4.53	0.24	508																
ML-5	8/22/1995	10:30	Mid	1.5	0.7	29.47	6.70	4.43	0.24	504	1.30	225	1.2	2.0	<0.01	0.02	0.01	0.03	0.07	0.07	1.38	1.45	0.21	0.30	1.6	0.6
ML-5	8/22/1995	10:30	Bottom	1.5	1.3	29.40	6.67	4.32	0.24	503																
ML-5 Rep	8/22/1995	10:45	Surface	1.5	0.2	29.90	6.72	4.52	0.24	508																
ML-5 Rep	8/22/1995	10:45	Mid	1.5	0.7	29.45	6.96	4.42	0.24	504	1.10	225	1.5	1.8	<0.01	0.02	0.01	0.03	0.08	0.07	1.33	1.41	0.25	0.28	1.6	0.6
ML-5 Rep	8/22/1995	10:45	Bottom	1.5	1.3	29.40	6.67	4.32	0.24	503																
MU-1	8/22/1995	14:10	Surface	3.6	0.2	30.00	6.50	4.43	0.06	132																
MU-1	8/22/1995	14:10	Mid	3.6	1.0	29.40	6.14	3.51	0.06	133	1.40	175	0.7	4.4	0.01	0.05	0.12	0.18	0.10	0.12	0.97	1.07	0.25	0.36	<1.0	0.6
MU-1	8/22/1995	14:10	Bottom	3.6	3.4	29.40	6.16	3.48	0.06	133																
MU-2	8/22/1995	13:40	Surface	3.2	0.2	30.02	6.25	3.58	0.06	134																
MU-2	8/22/1995	13:40	Mid	3.2	1.0	29.38	6.25	3.57	0.06	133	1.30	200	0.7	0.8	<0.01	0.02	0.01	0.03	0.12	0.12	1.17	1.29	0.32	0.35	1.1	0.6
MU-2	8/22/1995	13:40	Bottom	3.2	3.0	29.38	6.24	3.51	0.06	133																
MU-3	8/22/1995	13:15	Surface	2.0	0.2	30.50	6.34	3.89	0.06	136																
MU-3	8/22/1995	13:15	Mid	2.0	1.0	29.02	6.30	3.70	0.06	136	1.30	175	0.6	1.6	<0.01	0.02	0.01	0.03	0.07	0.08	1.00	1.07	0.27	0.28	<1.0	0.6
MU-3	8/22/1995	13:15	Bottom	2.0	1.8	28.99	6.27	3.63	0.06	136																
MU-4	8/22/1995	12:45	Surface	1.4	0.2	31.59	6.44	4.02	0.06	139																
MU-4	8/22/1995	12:45	Mid	1.4	0.7	28.91	6.42	3.60	0.06	139	1.20	200	0.8	1.6	<0.01	0.02	0.01	0.03	0.06	0.07	0.89	0.95	0.27	0.30	<1.0	0.6
MU-4	8/22/1995	12:45	Bottom	1.4	1.2	28.84	6.34	3.52	0.06	138																
MU-5	8/22/1995	12:20	Surface	3.0	0.2	31.03	6.39	3.94	0.07	146																
MU-5	8/22/1995	12:20	Mid	3.0	1.0	28.79	6.34	3.38	0.07	148	1.30	225	0.6	2.0	<0.01	0.02	0.01	0.03	0.06	0.03	1.11	1.17	0.30	0.34	<1.0	0.6
MU-5	8/22/1995	12:20	Bottom	3.0	2.8	28.70	6.28	3.28	0.07	148																
Equip Blank	8/22/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	8/23/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	8/28/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	8/29/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
10-1	9/18/1995	12:30	Surface	2.8	0.2	30.73	8.23	5.84	27.11	42,435																
10-1	9/18/1995	12:30	Mid	2.8	1.0	30.73	8.23	5.83	27.11	42,439	3.6	10	1.0	18.2	<0.01	0.01	0.04	0.05	0.05	0.05	0.48	0.53	0.02	0.09	9.1	1.7
10-1	9/18/1995	12:30	Bottom	2.8	2.6	30.56	8.20	5.31	27.18	42,530																
10-2	9/18/1995	13:05	Surface	1.3	0.2	30.97	8.12	4.66	27.09	42,412																
10-2	9/18/1995	13:05	Mid	1.3	1.0	30.97	8.13	4.62	27.08	42,412	4.2	10	1.4	18.1	<0.01	<0.01	0.04	0.04	0.03	0.06	0.63	0.66	0.02	0.05	10.7	1.3*
10-2	9/18/1995	13:05	Bottom	1.3	1.1	30.97	8.13	4.60	27.09	42,423																
10-3	9/18/1995	12:45	Surface	2.2	0.2	30.79	8.21	5.64	27.02	42,310																
10-3	9/18/1995	12:45	Mid	2.2	1.0	30.79	8.21	5.55	27.02	42,324	3.6	15	1.3	2.4	<0.01	0.01	0.03	0.04	0.02	0.05	0.77	0.79	0.01	0.07	12.3	1.7
10-3	9/18/1995	12:45	Bottom	2.2	2.0	30.80	8.21	5.55	26.92	42,332																
10-4	9/18/1995	10:00	Surface	0.8	0.2	31.20	8.03	4.74	26.29	41,305																
10-4	9/18/1995	10:00	Mid	0.8	0.4	31.21	8.03	4.58	26.29	41,308	3.4	15	1.2	20.0	<0.01	0.01	0.02	0.03	0.01	0.02	0.84	0.85	0.03	0.05	8.0	0.8*
10-4	9/18/1995	10:00	Bottom	0.8	0.6	31.22	8.02	4.32	26.29	41,293																
10-4 Rep	9/18/1995	10:15	Surface	0.8	0.2	31.21	8.03	4.73	26.29	41,304																
10-4 Rep	9/18/1995	10:15	Mid	0.8	0.4	31.21	8.03	4.58	26.29	41,308	3.4	15	1.4	22.2	<0.01	0.01	0.02	0.03	0.01	0.02	0.84	0.85	0.03	0.06	8.1	0.8*
10-4 Rep	9/18/1995	10:15	Bottom	0.8	0.6	31.21	8.02	4.32	26.29	41,296																
10-5	9/18/1995	10:30	Surface	1.4	0.2	31.02	8.03	4.48	26.14	41,086																
10-5	9/18/1995	10:30	Mid	1.4	0.7	31.04	8.02	4.39	26.14	41,091	3.5	20	1.1	19.2	<0.01	0.01	0.06	0.07	0.41	0.16	0.91	1.32	0.03	0.06	8.5	1.4*
10-5	9/18/1995	10:30	Bottom	1.4	1.2	31.04	8.02	4.06	26.14	41,089																
11-1	9/18/1995	12:10	Surface	3.4	0.2	30.89	8.18	4.84	27.37	42,820																
11-1	9/18/1995	12:10	Mid	3.4	1.0	30.89	8.18	4.82	27.39	42,841	3.9	10	2.4	22.4	<0.01	0.01	0.01	0.02	0.01	0.01	0.74	0.75	0.01	0.06	8.5	1.5
11-1	9/18/1995	12:10	Bottom	3.4	3.2	30.79	8.19	4.79	27.44	42,902																
11-2	9/18/1995	11:50	Surface	3.4	0.2	30.95	8.17	5.61	26.70	49,200																
11-2	9/18/1995	11:50	Mid	3.4	1.0	30.90	8.18	5.51	26.73	49,300	4.4	15	1.8	23.0	<0.01	0.01	0.03	0.04	0.03	0.03	0.65	0.68	0.02	0.05	12.8	1.4
11-2	9/18/1995	11:50	Bottom	3.4	3.2	30.82	8.03	2.85	27.10	49,200																
11-3	9/18/1995	11:30	Surface	3.5	0.2	30.80	8.04	3.93	26.67	41,819																
11-3	9/18/1995	11:30	Mid	3.5	1.0	30.80	8.05	3.72	26.68	41,845	3.3	25	1.3	21.0	<0.01	0.02	0.02	0.04	0.02	0.10	0.70	0.72	0.03	0.04	8.0	1.8
11-3	9/18/1995	11:30	Bottom	3.5	3.3	30.80	8.08	4.07	26.74	41,919																
11-4	9/18/1995	11:00	Surface	2.4	0.2	30.81	8.12	4.88	26.06	40,957																
11-4	9/18/1995	11:00	Mid	2.4	1.0	30.83	8.11	4.68	26.06	40,971	4.0	25	1.4	21.8	<0.01	0.01	0.01	0.02	0.01	0.01	0.73	0.74	0.03	0.05	7.5	1.5
11-4	9/18/1995	11:00	Bottom	2.4	2.2	30.83	8.10	4.66	26.07	40,976																
11-4 Rep	9/18/1995	11:05	Surface	2.4	0.2	30.81	8.12	4.86	26.06	40,955																
11-4 Rep	9/18/1995	11:05	Mid	2.4	1.0	30.82	8.11	4.68	26.06	40,970	4.3	25	1.5	20.5</												

Station	Date (mm/dd/yyyy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
13-4	9/19/1995	11:35	Surface	0.9	0.2	30.76	7.89	4.21	18.62	30.237																
13-4	9/19/1995	11:35	Mid	0.9	0.4	30.75	7.89	4.21	18.57	30.179	4.2	50	4.5	19.6	<0.01	0.02	0.02	0.04	0.07	0.08	1.12	1.19	0.11	0.13	11.2	0.7
13-4	9/19/1995	11:35	Bottom	0.9	0.7	30.72	7.87	4.20	18.92	30.642																
13-5	9/19/1995	11:15	Surface	2.2	0.2	30.91	7.94	4.89	17.82	29.066																
13-5	9/19/1995	11:15	Mid	2.2	1.0	30.61	7.93	4.86	17.91	29.185	5.0	50	5.1	15.4	<0.01	<0.01	0.01	0.01	0.01	0.01	1.00	1.01	0.11	0.15	12.3	0.8
13-5	9/19/1995	11:15	Bottom	2.2	2.0	30.58	7.72	2.48	19.00	30.851																
14-1	9/19/1995	11:00	Surface	2.5	0.2	30.73	7.96	4.63	17.45	28.504																
14-1	9/19/1995	11:00	Mid	2.5	1.0	30.56	7.94	4.50	17.48	28.555	4.7	60	3.8	16.2	<0.01	<0.01	<0.01	<0.01	0.10	0.09	0.98	1.08	0.09	0.12	9.1	0.9
14-1	9/19/1995	11:00	Bottom	2.5	2.3	30.58	7.83	3.34	18.26	29.667																
14-2	9/19/1995	10:45	Surface	2.1	0.2	30.45	7.90	4.70	17.43	28.478																
14-2	9/19/1995	10:45	Mid	2.1	1.0	30.43	7.89	4.58	17.47	28.475	4.7	50	4.3	18.0	<0.01	0.02	0.02	0.04	0.02	0.02	1.03	1.05	0.10	0.13	13.4	0.8
14-2	9/19/1995	10:45	Bottom	2.1	1.9	30.44	7.89	4.20	17.47	28.532																
14-3	9/19/1995	10:30	Surface	2.5	0.2	29.92	7.91	4.33	16.58	27.186																
14-3	9/19/1995	10:30	Mid	2.5	1.0	29.90	7.90	4.28	16.58	27.202	5.0	50	5.1	16.6	<0.01	<0.01	0.01	0.01	<0.01	0.01	1.14	1.14	0.08	0.10	15.5	0.7
14-3	9/19/1995	10:30	Bottom	2.5	2.3	29.91	7.78	2.37	16.79	27.503																
14-4	9/19/1995	10:15	Surface	2.1	0.2	30.37	7.95	4.62	17.12	28.006																
14-4	9/19/1995	10:15	Mid	2.1	1.0	30.30	7.93	4.64	17.14	28.038	4.2	60	4.2	15.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.22	1.22	0.08	0.09	12.8	0.8
14-4	9/19/1995	10:15	Bottom	2.1	1.9	31.05	7.67	1.12	19.50	31.538																
14-5	9/19/1995	10:00	Surface	2.4	0.2	29.91	7.86	4.24	17.55	28.635																
14-5	9/19/1995	10:00	Mid																							

Table 1. Results of Laboratory Analyses and In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
MU-1	9/21/1995	13:35	Surface	2.0	0.2	29.34	6.57	3.65	0.06	126																
MU-1	9/21/1995	13:35	Mid	2.0	1.0	29.29	6.56	3.63	0.06	123	0.7	200	1.4	3.0	0.01	0.05	0.02	0.08	0.06	0.02	0.92	0.98	0.40	0.55	<1.0	0.6
MU-1	9/21/1995	13:35	Bottom	2.0	1.8	29.29	6.56	3.63	0.06	128																
MU-2	9/21/1995	13:05	Surface	1.5	0.2	29.44	6.67	3.70	0.06	138																
MU-2	9/21/1995	13:05	Mid	1.5	0.7	28.97	6.65	3.68	0.06	139	0.4	200	1.3	1.0	0.01	0.05	0.03	0.09	0.06	0.03	0.91	0.97	0.39	0.55	1.1	0.6
MU-2	9/21/1995	13:05	Bottom	1.5	1.3	28.94	6.65	3.69	0.06	134																
MU-3	9/21/1995	12:50	Surface	1.2	0.2	29.27	6.68	3.70	0.07	141																
MU-3	9/21/1995	12:50	Mid	1.2	0.6	28.92	6.67	3.70	0.06	140	0.5	200	1.0	0.4	0.01	0.11	0.04	0.16	0.12	0.04	0.92	1.04	0.39	0.54	<1.0	0.6
MU-3	9/21/1995	12:50	Bottom	1.2	1.0	28.88	6.66	3.70	0.06	140																
MU-4	9/21/1995	12:25	Surface	2.0	0.2	29.51	6.72	3.70	0.07	147																
MU-4	9/21/1995	12:25	Mid	2.0	1.0	28.73	6.71	3.63	0.07	149	0.6	175	1.2	1.2	0.01	0.05	0.02	0.08	0.06	0.02	0.95	1.01	0.39	0.56	<1.0	0.5
MU-4	9/21/1995	12:25	Bottom	2.0	1.8	28.34	6.89	3.49	0.10	224																
MU-5	9/21/1995	12:10	Surface	1.2	0.2	29.51	6.69	3.74	0.07	147																
MU-5	9/21/1995	12:10	Mid	1.2	0.6	28.53	6.67	3.76	0.07	147	0.6	225	1.0	0.2	0.01	0.05	0.02	0.08	0.06	0.02	1.03	1.09	0.35	0.51	1.6	0.5
MU-5	9/21/1995	12:10	Bottom	1.2	1.0	28.37	6.68	3.72	0.07	148																
Equip Blank	9/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	9/19/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	9/20/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	<0.01	<0.01	<1.0	NA
Equip Blank	9/21/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
10-1	10/17/1995	10:55	Surface	3.3	0.2	25.51	8.15	3.11	27.57	42,895																
10-1	10/17/1995	10:55	Mid	3.3	1.0	25.51	8.15	3.10	27.57	42,891	1.2	15	3.1	22.8	<0.01	0.03	0.05	0.08	0.03	0.05	0.30	0.33	<0.01	0.08	2.1	2.0
10-1	10/17/1995	10:55	Bottom	3.3	3.1	25.59	8.13	3.03	27.71	43,085																
10-2	10/17/1995	11:40	Surface	1.6	0.2	25.81	8.08	3.56	27.33	42,589																
10-2	10/17/1995	11:40	Mid	1.6	0.8	25.81	8.08	3.55	27.33	42,588	1.2	15	4.5	17.8	<0.01	0.09	0.07	0.16	0.09	0.07	0.47	0.56	<0.01	0.07	2.7	1.4
10-2	10/17/1995	11:40	Bottom	1.6	1.4	25.80	8.08	3.53	27.32	42,552																
10-3	10/17/1995	11:20	Surface	2.1	0.2	25.49	8.08	3.10	27.67	43,036																
10-3	10/17/1995	11:20	Mid	2.1	1.0	25.48	8.08	3.08	27.66	43,030	1.2	10	2.0	7.8	<0.01	0.06	0.07	0.13	0.06	0.07	0.25	0.31	<0.01	0.06	1.1	2.1*
10-3	10/17/1995	11:20	Bottom	2.1	1.9	25.46	8.08	3.07	27.69	43,061																
10-4	10/17/1995	13:15	Surface	3.5	0.2	25.45	8.09	2.98	27.62	42,962																
10-4	10/17/1995	13:15	Mid	3.5	1.0	25.46	8.08	2.98	27.63	42,964	1.1	10	0.7	14.8	<0.01	0.02	0.07	0.09	0.02	0.07	0.28	0.30	<0.01	0.07	2.1	2.6
10-4	10/17/1995	13:15	Bottom	3.5	3.3	25.46	8.08	2.97	27.62	42,963																
10-5	10/17/1995	13:00	Surface	1.2	0.2	25.78	8.01	3.12	25.33	39,765																
10-5	10/17/1995	13:00	Mid	1.2	0.6	25.79	8.01	3.11	25.34	39,770	1.5	15	1.4	10.8	0.01	0.03	0.09	0.13	0.04	0.09	0.36	0.40	0.02	0.08	2.7	1.2*
10-5	10/17/1995	13:00	Bottom	1.2	1.0	25.82	8.00	3.09	25.36	39,970																
11-1	10/17/1995	10:25	Surface	3.0	0.2	25.69	8.06	3.03	27.27	42,477																
11-1	10/17/1995	10:25	Mid	3.0	1.0	25.73	8.05	3.03	27.31	42,528	1.6	15	1.2	2.2	<0.01	0.03	0.03	0.06	0.03	0.03	0.20	0.23	0.01	0.07	1.6	2.7
11-1	10/17/1995	10:25	Bottom	3.0	2.8	25.78	8.05	3.04	27.32	42,560																
11-2	10/17/1995	10:00	Surface	3.2	0.2	25.95	8.03	3.41	27.45	42,738																
11-2	10/17/1995	10:00	Mid	3.2	1.0	25.96	8.03	3.46	27.45	42,739	1.1	15	1.4	4.6	<0.01	0.03	0.05	0.08	0.03	0.05	0.22	0.25	<0.01	0.05	1.1	2.3
11-2	10/17/1995	10:00	Bottom	3.2	3.0	25.97	8.03	3.53	27.45	42,745																
11-2 Rep	10/17/1995	10:15	Surface	3.2	0.2	25.95	8.03	3.40	27.45	42,735																
11-2 Rep	10/17/1995	10:15	Mid	3.2	1.0	25.96	8.03	3.45	27.45	42,735	1.4	15	1.4	4.8	<0.01	0.02	0.05	0.07	0.03	0.05	0.22	0.25	<0.01	0.05	1.4	2.3
11-2 Rep	10/17/1995	10:15	Bottom	3.2	3.0	25.97	8.03	3.51	27.46	42,747																
11-3	10/17/1995	13:40	Surface	2.5	0.2	26.12	8.04	3.23	27.36	42,621																
11-3	10/17/1995	13:40	Mid	2.5	1.0	26.13	8.04	3.21	27.37	42,631	1.0	15	1.8	4.8	<0.01	0.05	0.08	0.13	0.05	0.08	0.55	0.60	<0.01	0.05	1.6	2.3
11-3	10/17/1995	13:40	Bottom	2.5	2.3	26.13	8.04	3.21	27.37	42,633																
11-4	10/17/1995	12:10	Surface	2.0	0.2	25.94	8.04	3.29	27.32	42,599																
11-4	10/17/1995	12:10	Mid	2.0	1.0	25.95	8.04	3.31	27.32	42,600	1.1	15	1.2	6.2	0.01	0.03	0.08	0.12	0.05	0.08	0.23	0.28	0.01	0.05	1.6	2.0*
11-4	10/17/1995	12:10	Bottom	2.0	1.8	25.92	8.04	3.30	27.33	42,604																
11-5	10/17/1995	12:40	Surface	2.1	0.2	26.15	8.03	2.92	27.50	42,803																
11-5	10/17/1995	12:40	Mid	2.1	1.0	26.16	8.03	2.92	27.50	42,804	1.3	15	0.6	0.8	0.01	0.02	0.12	0.15	0.03	0.12	0.30	0.33	0.01	0.05	<1.0	2.1*
11-5	10/17/1995	12:40	Bottom	2.1	1.9	26.16	8.03	2.91	27.50	42,803																
13-1	10/16/1995	13:25	Surface	1.1	0.2	26.09	7.96	5.09	16.40	26,856																
13-1	10/16/1995	13:25	Mid	1.1	0.5	26.12	7.97	5.33	16.90	27,601	1.2	50	3.4	11.0	<0.01	0.05	0.03	0.08	0.06	0.03	0.80	0.86	0.08	0.15	5.3	0.9
13-1	10/16/1995	13:25	Bottom	1.1	0.9	26.13	7.97	5.65	17.40	28,276																
13-2	10/16/1995	13:00	Surface	1.4	0.2	26.16	7.93	4.68	17.70	28,786																
13-2	10/16/1995	13:00	Mid	1.4	0.7	26.21	7.96	5.25	18.70	30,264	3.1	60	3.0	14.2	0.01	0.07	0.04	0.12	0.09	0.06	0.79	0.88	0.10	0.16	4.8	0.9
13-2	10/16/1995	13:00	Bottom	1.4	1.2	26.22	7.96	5.52	18.70	30,230																
13-3	10/16/1995	12:40	Surface	0.8	0.2	26.55	7.90	4.96	16.20	26,464																
13-3	10/16/1995	12:40	Mid	0.8	0.4	26.51	7.89	4.91	16.30	26,62																

Table 1. Results of Laboratory Analyses and In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
14-3	10/16/1995	11:00	Mid	0.9	0.4	25.33	8.06	5.12	17.00	27.685	3.9	60	4.0	17.0	<0.01	0.01	0.04	0.05	0.03	0.04	1.22	1.25	0.02	0.18	6.4	0.8
14-3	10/16/1995	11:00	Bottom	0.9	0.7	25.32	8.06	5.23	17.00	27.673																
14-4	10/16/1995	10:30	Surface	1.4	0.2	25.20	7.88	4.86	16.40	26.850																
14-4	10/16/1995	10:30	Mid	1.4	0.7	25.20	7.88	4.92	16.40	26.848	2.6	60	3.4	10.0	<0.01	0.03	0.02	0.05	0.03	0.03	1.06	1.09	0.05	0.14	7.5	0.8
14-4	10/16/1995	10:30	Bottom	1.4	1.2	25.20	7.87	5.24	16.40	26.861																
14-5	10/16/1995	10:00	Surface	1.6	0.2	25.27	7.84	4.91	18.00	29.131																
14-5	10/16/1995	10:00	Mid	1.6	0.8	25.25	7.83	4.96	18.00	29.147	1.7	70	5.6	10.5	<0.01	0.05	0.04	0.09	0.05	0.04	0.78	0.83	0.05	0.11	5.6	0.8
14-5	10/16/1995	10:00	Bottom	1.6	1.4	25.25	7.82	5.01	18.00	29.168																
14-5 Rep	10/16/1995	10:15	Surface	1.6	0.2	25.27	7.83	4.90	18.00	29.130																
14-5 Rep	10/16/1995	10:15	Mid	1.6	0.8	25.26	7.83	4.95	18.00	29.152	1.9	70	5.7	10.6	<0.01	0.04	0.03	0.07	0.05	0.03	0.79	0.84	0.04	0.11	5.3	0.8
14-5 Rep	10/16/1995	10:15	Bottom	1.6	1.4	25.27	7.82	4.99	18.00	29.178																
16-1	10/19/1995	13:45	Surface	0.8	0.2	26.21	7.71	7.04	19.27	31.063																
16-1	10/19/1995	13:45	Mid	0.8	0.4	26.26	7.70	6.84	19.29	31.090	1.8	75	2.3	7.6	<0.01	0.04	0.13	0.17	0.05	0.15	0.85	0.90	0.05	0.14	4.3	0.8*
16-1	10/19/1995	13:45	Bottom	0.8	0.6	26.15	7.70	6.95	19.38	31.220																
16-2	10/19/1995	13:30	Surface	0.7	0.2	26.37	7.60	6.15	18.87	30.290																
16-2	10/19/1995	13:30	Mid	0.7	0.3	26.26	7.69	6.88	19.09	30.694	1.9	100	2.1	12.0	0.01	0.06	0.14	0.21	0.08	0.14	0.89	0.97	0.08	0.16	3.7	0.7*
16-2	10/19/1995	13:30	Bottom	0.7	0.5	26.25	7.73	6.84	20.31	32.518																
16-3	10/19/1995	13:15	Surface	2.1	0.2	26.80	7.77	7.30	21.53	34.346																
16-3	10/19/1995	13:15	Mid	2.1	1.0	26.30	7.78	6.63	23.40	37.380	1.4	100	2.3	6.2	<0.01	0.05	0.13	0.18	0.05	0.13	1.01	1.06	0.06	0.12	3.2	1.5
16-3	10/19/1995	13:15	Bottom	2.1	1.9	26.93	7.79	6.06	26.75	41.795																
16-4	10/19/1995	13:00	Surface	0.8	0.2	26.26	7.78	6.97	22.80	36.165																
16-4	10/19/1995	13:00	Mid	0.8	0.4	26.29	7.78	6.76	23.27	36.851	1.2	75	1.6	13.0	<0.01	0.05	0.11	0.16	0.05	0.11	0.73	0.78	0.05	0.12	1.6	0.8*
16-4	10/19/1995	13:00	Bottom	0.8	0.6	26.47	7.77	6.12	25.12	39.840																
16-5	10/19/1995	12:45	Surface	1.4	0.2	26.53	7.76	6.81	23.15	36.723																
16-5	10/19/1995	12:45	Mid	1.4	0.7	26.53	7.78	6.46	24.33	38.736	1.2	75	2.1	12.0	<0.01	0.04	0.13	0.17	0.04	0.13	0.69	0.73	0.04	0.13	4.3	1.4*
16-5	10/19/1995	12:45	Bottom	1.4	1.2	26.61	7.81	6.36	26.06	40.800																
LB-1	10/19/1995	11:25	Surface	0.9	0.2	25.58	7.63	7.51	9.04	15.520																
LB-1	10/19/1995	11:25	Mid	0.9	0.4	25.53	7.53	6.59	10.46	17.542	4.2	150	3.5	8.4	0.01	0.06	0.01	0.08	0.07	0.01	0.95	1.02	0.19	0.31	19.8	0.8
LB-1	10/19/1995	11:25	Bottom	0.9	0.7	25.56	7.45	5.81	11.95	20.098																
LB-2	10/19/1995	11:05	Surface	0.7	0.2	25.33	7.73	6.31	10.97	21.098																
LB-2	10/19/1995	11:05	Mid	0.7	0.3	25.20	7.74	6.17	11.03	21.094	3.5	150	4.3	15.0	<0.01	0.03	<0.01	0.03	0.05	<0.01	0.89	0.94	0.21	0.36	19.2	0.6
LB-2	10/19/1995	11:05	Bottom	0.7	0.5	25.15	7.73	6.21	11.05	21.092																
LB-3	10/19/1995	10:45	Surface	1.1	0.2	24.74	7.80	6.40	10.48	21.089																
LB-3	10/19/1995	10:45	Mid	1.1	0.5	24.72	7.79	6.40	10.49	21.098	4.7	125	4.5	13.6	<0.01	0.02	<0.01	0.02	0.02	<0.01	1.08	1.10	0.17	0.35	28.8	0.9
LB-3	10/19/1995	10:45	Bottom	1.1	0.9	24.92	7.66	4.75	11.02	21.082																
LB-4	10/19/1995	10:30	Surface	1.9	0.2	24.44	7.98	6.78	12.31	31.523																
LB-4	10/19/1995	10:30	Mid	1.9	0.9	24.59	7.80	5.02	12.56	21.265	2.6	100	4.8	14.0	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.90	0.91	0.13	0.26	5.9	0.7
LB-4	10/19/1995	10:30	Bottom	1.9	1.7	25.49	7.63	3.38	18.21	21.204																
LB-5	10/19/1995	10:00	Surface	2.2	0.2	24.42	7.96	6.59	16.76	25.201																
LB-5	10/19/1995	10:00	Mid	2.2	1.0	24.44	7.95	6.39	16.28	23.275	2.5	75	2.0	12.3	<0.01	0.02	0.02	0.04	0.02	0.02	0.73	0.75	0.09	0.15	7.5	1.2
LB-5	10/19/1995	10:00	Bottom	2.2	2.0	25.91	7.78	3.93	24.46	22.835																
LB-5 Rep	10/19/1995	10:15	Surface	2.2	0.2	24.42	7.96	6.61	16.76	35.398																
LB-5 Rep	10/19/1995	10:15	Mid	2.2	1.0	24.42	7.96	6.47	16.78	25.371	2.7	75	1.8	12.6	<0.01	0.01	0.02	0.03	0.01	0.02	0.75	0.76	0.09	0.16	6.8	1.2
LB-5 Rep	10/19/1995	10:15	Bottom	2.2	2.0	25.92	7.78	3.95	24.60	19.593																
ML-1	10/18/1995	11:05	Surface	1.4	0.2	24.18	6.75	5.32	0.06	131																
ML-1	10/18/1995	11:05	Mid	1.4	0.7	24.18	6.75	5.26	0.06	138	1.0	200	1.1	0.8	<0.01	0.05	0.01	0.06	0.05	0.01	0.70	0.75	0.30	0.32	<1.0	0.6
ML-1	10/18/1995	11:05	Bottom	1.4	1.2	24.18	6.76	5.21	0.07	138																
ML-2	10/18/1995	10:50	Surface	1.0	0.2	24.19	6.78	5.50	0.06	136																
ML-2	10/18/1995	10:50	Mid	1.0	0.5	24.19	6.78	5.49	0.06	134	1.1	200	0.8	0.5	<0.01	0.04	0.02	0.06	0.04	0.02	0.69	0.73	0.28	0.31	1.1	0.6
ML-2	10/18/1995	10:50	Bottom	1.0	0.8	24.20	6.78	5.50	0.06	135																
ML-3	10/18/1995	10:35	Surface	1.2	0.2	24.19	6.81	5.69	0.09	185																
ML-3	10/18/1995	10:35	Mid	1.2	0.6	24.20	6.82	5.63	0.13	264	1.0	200	1.0	1.0	0.01	0.03	0.02	0.06	0.04	0.02	0.77	0.81	0.26	0.29	<1.0	0.6
ML-3	10/18/1995	10:35	Bottom	1.2	1.0	24.25	6.78	5.56	0.28	598																
ML-4	10/18/1995	10:20	Surface	2.3	0.2	24.17	6.84	5.93	0.12	247																
ML-4	10/18/1995	10:20	Mid	2.3	1.0	24.18	6.85	5.92	0.13	270	0.9	225	1.5	2.4	<0.01	0.07	0.04	0.11	0.07	0.04	0.81	0.88	0.24	0.29	<1.0	0.6
ML-4	10/18/1995	10:20	Bottom	2.3	2.1	24.18	6.84	5.93	0.13	265																
ML-5	10/18/1995	10:00	Surface	1.5	0.2	24.27	6.90	6.13	0.15	320																
ML-5	10/18/1995	10:00	Mid	1.5	0.7	24.27	6.90	6.12	0.15	320	1.0	200	1.0	1.4	<0.01	0.07	0.03	0.10	0.07	0.03	0.92	0.99	0.26	0.29	<1.0	0.5
ML-5	10/18/1995	10:00	Bottom	1.5	1.3	24.28	6.90	6.11	0.15	316																
MU-1	10/18/1995	12:20	Surface	2.2	0.2	24.15	6.65	5.24	0.06	122																
MU-1	10/18/1995	12:20																								

Table 1. Results of Laboratory Analyses and In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
MU-5	10/18/1995	11:20	Mid	3.0	1.0	24.16	6.70	5.29	0.06	129	1.0	225	1.0	2.4	<0.01	0.06	0.03	0.09	0.07	0.03	0.69	0.76	0.25	0.27	1.6	0.6
MU-5	10/18/1995	11:20	Bottom	3.0	2.8	24.17	6.75	5.21	0.06	132																
Equip Blank	10/16/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.1	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	10/17/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.1	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.1	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	10/19/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.1	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
10-1	11/13/1995	11:00	Surface	2.8	0.2	19.76	8.08	7.31	28.61	44,227																
10-1	11/13/1995	11:00	Mid	2.8	1.0	19.77	8.08	7.32	28.64	44,257	1.3	10	1.3	15.0	<0.01	0.01	0.01	0.02	0.01	0.03	0.38	0.39	0.01	0.05	1.1	2.5
10-1	11/13/1995	11:00	Bottom	2.8	2.6	20.05	8.05	7.27	29.09	44,904																
10-2	11/13/1995	11:20	Surface	1.4	0.2	19.56	8.19	7.73	28.19	43,637																
10-2	11/13/1995	11:20	Mid	1.4	0.7	19.55	8.19	7.77	28.19	43,636	1.8	10	1.2	6.2	<0.01	0.01	0.01	0.02	0.01	0.02	0.40	0.41	0.01	0.05	1.6	1.4*
10-2	11/13/1995	11:20	Bottom	1.4	1.2	19.54	8.19	7.09	28.19	43,641																
10-3	11/13/1995	11:40	Surface	1.8	0.2	19.25	8.21	7.32	27.38	42,505																
10-3	11/13/1995	11:40	Mid	1.8	0.9	18.94	8.19	7.34	27.58	42,751	1.8	10	2.0	10.2	<0.01	0.01	0.02	0.03	0.02	0.02	0.43	0.45	0.01	0.07	1.6	1.8*
10-3	11/13/1995	11:40	Bottom	1.8	1.6	18.55	8.19	7.58	27.59	42,770																
10-4	11/13/1995	12:05	Surface	4.2	0.2	19.68	8.07	7.07	29.14	44,991																
10-4	11/13/1995	12:05	Mid	4.2	1.0	18.88	8.08	6.99	29.12	44,905	0.9	10	0.7	6.8	<0.01	0.04	0.03	0.07	0.05	0.04	0.32	0.37	0.01	0.04	1.1	3.8
10-4	11/13/1995	12:05	Bottom	4.2	4.0	18.38	8.07	7.04	29.23	45,087																
10-5	11/13/1995	12:35	Surface	3.9	0.2	20.19	8.02	6.63	28.61	44,239																
10-5	11/13/1995	12:35	Mid	3.9	1.0	20.01	8.02	6.56	29.00	44,809	0.8	10	0.6	6.0	<0.01	0.02	0.01	0.03	0.05	0.04	0.41	0.46	0.02	0.04	1.6	3.0
10-5	11/13/1995	12:35	Bottom	3.9	3.7	19.98	8.03	6.62	29.37	45,284																
11-1	11/13/1995	10:35	Surface	3.2	0.2	19.99	8.06	7.37	29.06	44,850																
11-1	11/13/1995	10:35	Mid	3.2	1.0	19.99	8.06	7.40	29.07	44,860	0.8	15	0.7	8.8	<0.01	0.01	<0.01	0.01	0.01	0.01	0.38	0.39	0.02	0.05	1.1	2.5
11-1	11/13/1995	10:35	Bottom	3.2	3.0	19.98	8.07	7.43	29.07	44,872																
11-2	11/13/1995	10:00	Surface	2.7	0.2	20.08	8.03	7.25	28.92	44,652																
11-2	11/13/1995	10:00	Mid	2.7	1.0	20.07	8.03	7.27	28.92	44,651	0.7	15	0.8	14.2	<0.01	0.01	<0.01	0.01	0.01	0.03	0.40	0.41	0.01	0.06	1.6	1.4
11-2	11/13/1995	10:00	Bottom	2.7	2.5	20.03	8.02	7.24	28.91	44,641																
11-2 Rep	11/13/1995	10:10	Surface	2.7	0.2	20.08	8.03	7.26	28.91	44,648																
11-2 Rep	11/13/1995	10:10	Mid	2.7	1.0	20.08	8.03	7.27	28.91	44,635	0.7	15	0.9	13.0	<0.01	0.01	<0.01	0.01	0.02	0.03	0.42	0.44	0.01	0.06	1.6	1.4
11-2 Rep	11/13/1995	10:10	Bottom	2.7	2.5	20.05	8.02	7.23	28.91	44,639																
11-3	11/13/1995	13:35	Surface	2.6	0.2	20.56	8.04	6.55	29.16	44,995																
11-3	11/13/1995	13:35	Mid	2.6	1.0	20.55	8.04	6.54	29.16	44,990	0.6	10	0.7	11.6	<0.01	0.02	0.01	0.03	0.03	0.03	0.25	0.28	0.02	0.05	1.1	2.4
11-3	11/13/1995	13:35	Bottom	2.6	2.4	20.54	8.03	6.50	29.16	44,996																
11-4	11/13/1995	13:15	Surface	1.6	0.2	20.62	8.13	8.00	29.16	44,993																
11-4	11/13/1995	13:15	Mid	1.6	0.8	20.60	8.13	8.07	29.15	44,987	0.8	10	1.0	13.0	<0.01	0.02	0.01	0.03	0.03	0.03	0.69	0.72	0.01	0.04	<1.0	1.6*
11-4	11/13/1995	13:15	Bottom	1.6	1.4	20.63	8.15	8.14	29.14	44,963																
11-5	11/13/1995	12:50	Surface	2.2	0.2	19.94	7.95	6.75	24.86	38,950																
11-5	11/13/1995	12:50	Mid	2.2	1.0	19.54	7.98	6.76	26.81	41,684	1.0	20	0.6	14.2	<0.01	0.03	0.03	0.06	0.05	0.05	0.43	0.48	0.01	0.05	1.6	2.2*
11-5	11/13/1995	12:50	Bottom	2.2	2.0	20.52	8.13	8.36	29.27	45,136																
13-1	11/14/1995	12:45	Surface	1.9	0.2	19.81	7.84	7.69	24.00	37,739																
13-1	11/14/1995	12:45	Mid	1.9	0.9	19.79	7.84	7.74	24.01	37,757	0.3	25	1.2	12.0	<0.01	0.05	0.05	0.10	0.05	0.05	0.42	0.47	0.03	0.09	1.6	1.8
13-1	11/14/1995	12:45	Bottom	1.9	1.7	19.80	7.93	8.55	25.85	40,370																
13-2	11/14/1995	12:30	Surface	1.4	0.2	19.99	7.82	8.09	22.79	36,007																
13-2	11/14/1995	12:30	Mid	1.4	0.7	20.00	7.82	8.12	22.82	36,069	0.5	25	1.0	8.0	<0.01	0.05	0.07	0.12	0.05	0.07	0.37	0.42	0.05	0.09	1.6	1.4*
13-2	11/14/1995	12:30	Bottom	1.4	1.2	20.19	7.88	9.06	23.55	37,087																
13-3	11/14/1995	12:10	Surface	1.6	0.2	20.25	7.61	7.82	15.41	23,481																
13-3	11/14/1995	12:10	Mid	1.6	0.8	19.86	7.77	7.54	21.56	33,980	0.4	35	2.0	6.0	<0.01	0.33	0.15	0.48	0.36	0.18	0.83	1.19	0.13	0.23	1.6	1.4
13-3	11/14/1995	12:10	Bottom	1.6	1.4	19.73	7.77	7.61	22.60	35,748																
13-4	11/14/1995	11:50	Surface	1.6	0.2	20.22	7.79	7.72	23.48	36,998																
13-4	11/14/1995	11:50	Mid	1.6	0.8	20.12	7.77	7.57	23.44	36,958	0.5	25	1.1	13.6	<0.01	0.06	0.06	0.12	0.10	0.09	0.47	0.57	0.06	0.10	1.6	1.5
13-4	11/14/1995	11:50	Bottom	1.6	1.4	20.16	7.68	7.71	23.47	36,999																
13-5	11/14/1995	11:30	Surface	1.8	0.2	19.78	7.72	7.42	20.73	33,053																
13-5	11/14/1995	11:30	Mid	1.8	0.9	19.68	7.73	7.27	21.18	33,732	0.8	20	0.9	3.4	<0.01	0.06	0.06	0.12	0.06	0.07	0.65	0.71	0.06	0.12	2.7	1.8*
13-5	11/14/1995	11:30	Bottom	1.8	1.6	19.73	7.72	7.11	21.47	34,118																
14-1	11/14/1995	11:10	Surface	2.1	0.2	19.55	7.73	7.73	20.26	32,366																
14-1	11/14/1995	11:10	Mid	2.1	1.0	19.55	7.73	7.75	20.26	32,364	0.6	30	0.9	5.0	<0.01	0.06	0.06	0.12	0.06	0.06	0.72	0.78	0.07	0.12	2.7	2.1*
14-1	11/14/1995	11:10	Bottom	2.1	1.9	19.85	7.75	8.29	20.54	32,710																
14-2	11/14/1995	10:55	Surface	0.8	0.2	19.29	7.88	8.58	19.87	31,797																
14-2	11/14/1995	10:55	Mid	0.8	0.4	19.27	7.88	8.58	19.87	31,796	1.0	30	1.6													

Station	Date (mm/dd/yyyy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
16-1	11/16/1995	13:45	Bottom	1.5	1.3	17.23	7.91	8.45	20.47	32,666																
16-2	11/16/1995	13:30	Surface	1.0	0.2	18.21	7.87	8.35	18.57	29,881																
16-2	11/16/1995	13:30	Mid	1.0	0.5	17.35	7.92	8.42	20.19	32,287	1.0	30	0.2	11.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.76	0.76	0.06	0.11	2.7	1.0*
16-2	11/16/1995	13:30	Bottom	1.0	0.8	17.35	7.91	8.50	20.72	32,985																
16-3	11/16/1995	13:15	Surface	1.1	0.2	17.92	8.00	8.90	21.66	34,375																
16-3	11/16/1995	13:15	Mid	1.1	0.5	17.92	8.00	9.00	21.67	34,387	1.5	30	0.7	2.6	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.90	0.91	0.05	0.08	1.6	1.1*
16-3	11/16/1995	13:15	Bottom	1.1	0.9	17.91	8.03	9.30	21.83	34,626																
16-4	11/16/1995	13:00	Surface	3.1	0.2	18.09	7.96	8.48	21.75	34,524																
16-4	11/16/1995	13:00	Mid	3.1	1.0	18.06	7.97	8.45	21.94	34,768	1.6	30	0.4	7.8	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.99	1.01	0.05	0.09	2.7	2.5
16-4	11/16/1995	13:00	Bottom	3.1	2.9	18.89	7.95	7.60	24.89	38,907																
16-5	11/16/1995	12:40	Surface	3.0	0.2	18.03	7.97	8.53	22.32	35,343																
16-5	11/16/1995	12:40	Mid	3.0	1.0	18.05	7.97	8.55	22.41	35,444	1.7	20	0.4	11.6	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.92	0.94	0.04	0.08	2.7	2.5
16-5	11/16/1995	12:40	Bottom	3.0	2.8	18.68	7.94	7.53	25.15	39,331																
LB-1	11/16/1995	11:50	Surface	0.8	0.2	18.82	7.90	7.87	26.15	40,778																
LB-1	11/16/1995	11:50	Mid	0.8	0.4	18.83	7.90	7.76	26.14	40,772	1.3	25	3.5	18.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.69	0.69	0.04	0.07	2.7	0.8*
LB-1	11/16/1995	11:50	Bottom	0.8	0.6	18.80	7.89	7.67	26.31	41,001																
LB-2	11/16/1995	11:25	Surface	1.0	0.2	18.18	7.93	8.14	26.11	40,737																
LB-2	11/16/1995	11:25	Mid	1.0	0.5	18.15	7.92	7.92	26.12	40,737	1.4	25	1.0	17.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.68	0.68	0.04	0.12	2.7	1.0*
LB-2	11/16/1995	11:25	Bottom	1.0	0.8	18.19	7.92	8.11	26.11	40,736																
LB-3	11/16/1995	11:05																								

Table 1. Results of Laboratory Analyses and In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
10-3	12/14/1995	12:45	Surface	2.7	0.2	18.43	7.99	7.78	30.24	46,484																
10-3	12/14/1995	12:45	Mid	2.7	1.0	18.29	7.99	7.85	30.32	46,579	1.1	10	0.3	10.4	0.01	0.03	<0.01	0.04	0.04	<0.01	0.49	0.53	0.01	0.03	2.1	2.7*
10-3	12/14/1995	12:45	Bottom	2.7	2.5	18.26	7.99	7.89	30.35	46,633																
10-4	12/14/1995	11:05	Surface	1.2	0.2	18.42	7.99	8.83	30.53	46,877																
10-4	12/14/1995	11:05	Mid	1.2	0.6	18.31	8.01	9.11	30.57	46,935	0.9	10	0.1	13.0	0.01	0.02	<0.01	0.03	0.03	<0.01	0.33	0.36	0.01	0.03	1.1	1.2*
10-4	12/14/1995	11:05	Bottom	1.2	1.0	18.29	8.03	9.25	30.58	46,949																
10-5	12/14/1995	10:45	Surface	2.3	0.2	18.18	7.96	8.06	29.54	45,513																
10-5	12/14/1995	10:45	Mid	2.3	1.0	18.09	7.96	8.01	29.72	45,751	1.1	10	0.4	6.6	0.01	0.01	<0.01	0.02	0.02	<0.01	0.39	0.41	0.02	0.03	<1.0	2.3*
10-5	12/14/1995	10:45	Bottom	2.3	2.1	18.10	7.96	8.00	29.86	45,948																
11-1	12/14/1995	12:10	Surface	3.1	0.2	18.95	8.04	7.83	29.84	45,933																
11-1	12/14/1995	12:10	Mid	3.1	1.0	18.09	8.04	7.62	29.84	45,926	1.6	5	0.2	5.6	0.01	0.01	<0.01	0.02	0.02	<0.01	0.88	0.90	0.01	0.70	2.1	2.7
11-1	12/14/1995	12:10	Bottom	3.1	2.9	18.14	8.00	7.45	30.17	46,387																
11-2	12/14/1995	11:55	Surface	3.2	0.2	18.86	8.01	7.99	30.21	46,437																
11-2	12/14/1995	11:55	Mid	3.2	1.0	18.09	8.02	8.13	30.21	46,437	1.1	5	0.7	16.8	0.01	0.02	0.02	0.05	0.04	0.05	0.42	0.46	<0.01	0.52	2.1	2.6
11-2	12/14/1995	11:55	Bottom	3.2	3.0	18.01	8.03	8.18	30.22	46,457																
11-3	12/14/1995	11:35	Surface	2.7	0.2	18.65	7.97	8.14	30.12	46,314																
11-3	12/14/1995	11:35	Mid	2.7	1.0	18.03	8.00	8.35	30.21	46,434	0.9	5	0.4	8.8	0.01	0.02	<0.01	0.03	0.03	<0.01	0.83	0.86	0.01	0.45	2.1	2.7*
11-3	12/14/1995	11:35	Bottom	2.7	2.5	18.01	8.00	8.44	30.22	46,449																
11-4	12/14/1995	10:00	Surface	3.6	0.2	18.07	7.93	7.54	30.51	46,855																
11-4	12/14/1995	10:00	Mid	3.6	1.0	18.03	7.93	7.53	30.51	46,852	0.8	5	0.7	10.8	0.01	0.02	<0.01	0.03	0.03	<0.01	0.36	0.39	0.01	0.41	2.1	3.6*
11-4	12/14/1995	10:00	Bottom	2.8	2.6	18.02	7.93	7.52	30.51	46,854																
11-4 Rep	12/14/1995	10:10	Surface	3.6	0.2	18.06	7.93	7.54	30.51	46,854																
11-4 Rep	12/14/1995	10:10	Mid	3.6	1.0	18.02	7.93	7.53	30.51	46,855	0.8	5	0.8	10.0	0.01	0.02	<0.01	0.03	0.03	<0.01	0.37	0.40	0.01	0.46	2.1	3.6*
11-4 Rep	12/14/1995	10:10	Bottom	3.6	3.4	18.01	7.93	7.53	30.51	46,851																
11-5	12/14/1995	10:30	Surface	2.6	0.2	18.22	7.95	7.73	29.31	45,195																
11-5	12/14/1995	10:30	Mid	2.6	1.0	18.09	7.94	7.81	29.97	46,091	0.8	10	0.2	9.3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.34	0.34	<0.01	0.39	1.6	2.6*
11-5	12/14/1995	10:30	Bottom	2.6	2.4	18.21	7.94	7.95	30.47	46,800																
13-1	12/11/1995	13:30	Surface	1.6	0.2	17.19	8.12	8.78	27.56	42,766																
13-1	12/11/1995	13:30	Mid	1.6	0.8	17.18	8.13	8.74	27.56	42,761	4.6	15	1.0	20.7	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.46	0.46	0.01	0.10	4.8	1.6*
13-1	12/11/1995	13:30	Bottom	1.6	1.4	17.14	8.13	8.73	27.55	42,748																
13-2	12/11/1995	13:05	Surface	1.3	0.2	17.39	8.07	8.47	25.44	39,787																
13-2	12/11/1995	13:05	Mid	1.3	0.6	17.39	8.07	8.50	25.44	39,780	5.0	15	0.3	3.0	<0.01	0.03	0.02	0.05	0.03	0.02	0.55	0.58	0.03	0.12	5.9	1.3*
13-2	12/11/1995	13:05	Bottom	1.3	1.1	17.29	8.07	8.51	25.52	39,918																
13-3	12/11/1995	12:45	Surface	1.5	0.2	17.24	7.91	8.43	18.73	30,121																
13-3	12/11/1995	12:45	Mid	1.5	0.7	17.12	8.02	8.24	24.61	38,637	3.9	30	0.4	5.4	<0.01	0.11	0.12	0.23	0.16	0.12	0.67	0.83	0.09	0.17	9.1	1.5*
13-3	12/11/1995	12:45	Bottom	1.5	1.3	16.69	8.05	8.25	24.90	39,016																
13-4	12/11/1995	12:15	Surface	1.1	0.2	17.63	8.00	7.76	24.84	38,920																
13-4	12/11/1995	12:15	Mid	1.1	0.5	17.53	8.02	7.82	25.03	39,240	4.2	15	0.3	12.2	<0.01	<0.01	0.02	0.02	<0.01	0.02	0.59	0.59	0.04	0.11	4.3	1.1*
13-4	12/11/1995	12:15	Bottom	1.1	0.9	17.33	8.03	7.90	25.17	39,403																
13-5	12/11/1995	11:50	Surface	2.4	0.2	17.49	8.03	7.65	25.01	39,175																
13-5	12/11/1995	11:50	Mid	2.4	1.0	17.48	8.03	7.63	25.03	39,198	4.0	15	0.2	12.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.78	0.78	0.04	0.11	6.4	2.0
13-5	12/11/1995	11:50	Bottom	2.4	2.2	17.41	8.03	7.64	25.06	39,241																
14-1	12/11/1995	11:35	Surface	1.3	0.2	15.71	8.08	8.68	24.90	39,025																
14-1	12/11/1995	11:35	Mid	1.3	0.6	15.70	8.08	8.67	24.90	39,033	4.4	20	0.9	5.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	1.02	1.02	0.05	0.12	4.3	1.3*
14-1	12/11/1995	11:35	Bottom	1.3	1.1	15.68	8.08	8.65	24.89	39,020																
14-2	12/11/1995	11:15	Surface	1.2	0.2	16.01	8.13	8.08	24.92	39,060																
14-2	12/11/1995	11:15	Mid	1.2	0.6	16.02	8.13	8.07	24.92	39,062	5.8	15	0.4	10.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.90	0.90	0.04	0.12	6.9	1.2*
14-2	12/11/1995	11:15	Bottom	1.2	1.0	16.03	8.12	8.07	24.93	39,072																
14-3	12/11/1995	10:55	Surface	1.0	0.2	15.99	8.11	7.85	24.72	38,767																
14-3	12/11/1995	10:55	Mid	1.0	0.5	15.97	8.12	7.84	24.70	38,744	4.9	15	1.3	9.2	<0.01	0.01	0.02	0.03	0.01	0.02	0.82	0.83	0.04	0.08	2.1	1.0*
14-3	12/11/1995	10:55	Bottom	1.0	0.8	15.98	8.11	7.84	24.71	38,753																
14-4	12/11/1995	10:40	Surface	1.3	0.2	16.61	8.06	7.78	24.93	39,070																
14-4	12/11/1995	10:40	Mid	1.3	0.6	16.62	8.06	7.79	24.94	39,073	5.6	15	0.5	1.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.52	0.52	0.04	0.10	4.8	1.3*
14-4	12/11/1995	10:40	Bottom	1.3	1.1	16.63	8.06	7.78	24.94	39,073																
14-5	12/11/1995	10:05	Surface	1.3	0.2	15.50	8.03	7.84	25.05	39,242																
14-5	12/11/1995	10:05	Mid	1.3	0.6	15.66	8.04	7.83	25.08	39,277	5.0	15	1.5	17.0	<0.01	0.01	<0.01	0.01	0.01	0.01	0.85	0.86	0.03	0.07	5.3	1.3*
14-5	12/11/1995	10:05	Bottom	1.3	1.1	15.72	8.03	7.79	25.18	39,422																
14-5 Rep	12/11/1995	10:20	Surface	1.3	0.2	15.51	8.03	7.84	25.04	39,239																
14-5 Rep	12/11/1995	10:20	Mid	1.3	0.6	15.74	8.04	7.82	25.11	39,335	4.7	15	1.6	17.4	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.90	0.92	0.04	0.09	4.7	1.3*
14-5 Rep	12/11/1995	10:20	Bottom	1.3	1.1	15.73																				

Table 1. Results of Laboratory Analyses and In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
LB-1	12/12/1995	11:15	Surface	3.1	0.2	17.51	7.61	7.05	25.55	39,944																
LB-1	12/12/1995	11:15	Mid	3.1	1.0	17.20	7.60	7.03	25.86	40,368	2.5	20	2.0	8.8	<0.01	0.02	0.02	0.04	0.02	0.02	0.49	0.51	0.06	0.22	1.1	2.1
LB-1	12/12/1995	11:15	Bottom	3.1	2.9	17.12	7.60	7.01	25.89	40,418																
LB-2	12/12/1995	10:55	Surface	1.3	0.2	16.79	7.61	7.27	25.58	39,983																
LB-2	12/12/1995	10:55	Mid	1.3	0.6	16.81	7.61	7.27	25.61	40,019	1.6	25	4.5	10.6	<0.01	0.01	0.01	0.02	0.01	0.01	0.46	0.47	0.06	0.24	2.1	1.3*
LB-2	12/12/1995	10:55	Bottom	1.3	1.1	16.82	7.61	7.30	25.61	40,023																
LB-3	12/12/1995	10:40	Surface	0.9	0.2	16.39	7.66	7.57	25.44	39,787																
LB-3	12/12/1995	10:40	Mid	0.9	0.4	16.33	7.66	7.57	25.45	39,802	1.8	20	1.1	16.0	<0.01	0.01	0.02	0.03	0.01	0.02	0.53	0.54	0.16	0.21	3.7	0.9*
LB-3	12/12/1995	10:40	Bottom	0.9	0.7	16.36	7.66	7.55	25.44	39,793																
LB-4	12/12/1995	10:20	Surface	0.9	0.2	16.14	8.07	8.37	25.27	39,546																
LB-4	12/12/1995	10:20	Mid	0.9	0.4	16.13	8.07	8.37	25.27	39,558	3.6	20	1.8	18.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	0.58	0.58	0.06	0.23	2.7	0.9*
LB-4	12/12/1995	10:20	Bottom	0.9	0.7	16.14	8.07	8.37	25.27	39,556																
LB-5	12/12/1995	10:00	Surface	1.5	0.2	16.15	8.16	7.91	26.72	41,597																
LB-5	12/12/1995	10:00	Mid	1.5	0.7	16.14	8.16	7.92	26.71	41,587	2.3	20	2.6	16.6	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.53	0.55	0.05	0.20	3.2	1.5*
LB-5	12/12/1995	10:00	Bottom	1.5	1.3	16.15	8.16	7.94	26.72	41,607																
LB-5 Rep	12/12/1995	10:10	Surface	1.5	0.2	16.16	8.16	7.91	26.72	41,598																
LB-5 Rep	12/12/1995	10:10	Mid	1.5	0.7	16.14	8.16	7.92	26.72	41,605	2.4	20	2.9	16.2	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.49	0.51	0.05	0.18	3.7	1.5*
LB-5 Rep	12/12/1995	10:10	Bottom	1.5	1.3	16.14	8.16	7.94	26.73	41,612																
ML-1	12/13/1995	11:05	Surface	3.4	0.2	18.13	7.43	8.48	1.74	3,310																
ML-1	12/13/1995	11:05	Mid	3.4	1.0	18.08	7.43	8.49	1.75	3,342	1.1	150	1.6	2.0	<0.01	0.10	0.02	0.12	0.10	0.04	1.02	1.12	0.18	0.18	1.6	1.3
ML-1	12/13/1995	11:05	Bottom	3.4	3.2	18.05	7.43	8.54	1.78	3,374																
ML-2	12/13/1995	10:45	Surface	1.8	0.2	17.86	7.43	8.33	2.20	4,134																
ML-2	12/13/1995	10:45	Mid	1.8	0.9	17.77	7.42	8.35	2.24	4,182	0.8	125	0.8	2.8	<0.01	0.03	<0.01	0.03	0.06	0.01	1.05	1.11	0.17	0.17	1.6	1.3
ML-2	12/13/1995	10:45	Bottom	1.8	1.6	18.03	7.41	8.35	2.53	4,598																
ML-3	12/13/1995	10:25	Surface	1.3	0.2	17.97	7.46	8.40	3.46	6,309																
ML-3	12/13/1995	10:25	Mid	1.3	0.6	17.89	7.46	8.42	3.47	6,328	1.0	125	0.9	4.2	<0.01	0.03	<0.01	0.03	0.05	<0.01	1.16	1.21	0.15	0.18	2.1	1.3*
ML-3	12/13/1995	10:25	Bottom	1.3	1.1	17.88	7.46	8.48	3.57	6,502																
ML-4	12/13/1995	10:10	Surface	1.3	0.2	17.86	7.54	8.55	4.54	8,131																
ML-4	12/13/1995	10:10	Mid	1.3	0.6	17.84	7.55	8.58	4.54	8,150	1.4	100	0.6	6.4	<0.01	0.04	0.02	0.06	0.04	0.02	0.93	0.97	0.14	0.16	4.3	1.2
ML-4	12/13/1995	10:10	Bottom	1.3	1.1	17.84	7.55	8.63	4.56	8,172																
ML-5	12/13/1995	9:50	Surface	0.6	0.2	17.52	7.54	8.66	5.39	9,559																
ML-5	12/13/1995	9:50	Mid	0.6	0.3	17.50	7.54	8.67	5.41	9,582	1.8	100	0.5	8.2	<0.01	0.05	<0.01	0.05	0.06	<0.01	0.82	0.88	0.13	0.14	5.9	0.6*
ML-5	12/13/1995	9:50	Bottom	0.6	0.4	17.49	7.53	8.71	5.45	9,649																
ML-5 Rep	12/13/1995	10:00	Surface	0.6	0.2	17.53	7.54	8.65	5.38	9,533																
ML-5 Rep	12/13/1995	10:00	Mid	0.6	0.3	17.51	7.54	8.67	5.40	9,577	1.6	100	0.8	8.2	<0.01	0.05	<0.01	0.05	0.05	0.02	0.82	0.87	0.13	0.15	4.3	0.6*
ML-5 Rep	12/13/1995	10:00	Bottom	0.6	0.4	17.49	7.53	8.69	5.44	9,632																
MU-1	12/13/1995	13:00	Surface	1.0	0.2	18.39	7.01	6.73	0.12	256																
MU-1	12/13/1995	13:00	Mid	1.0	0.5	18.33	7.02	6.77	0.12	257	1.2	100	0.8	1.8	<0.01	0.11	<0.01	0.11	0.11	0.01	0.69	0.80	0.24	0.25	1.6	1.0*
MU-1	12/13/1995	13:00	Bottom	1.0	0.8	18.31	7.08	6.90	0.12	268																
MU-2	12/13/1995	12:40	Surface	2.0	0.2	18.33	7.03	6.66	0.13	267																
MU-2	12/13/1995	12:40	Mid	2.0	1.0	18.29	7.04	6.68	0.12	277	0.9	100	0.9	1.6	<0.01	0.13	0.01	0.14	0.14	0.02	0.71	0.85	0.23	0.25	1.6	1.2
MU-2	12/13/1995	12:40	Bottom	2.0	1.8	18.27	7.06	6.74	0.13	271																
MU-3	12/13/1995	12:15	Surface	2.7	0.2	18.68	7.21	7.21	0.13	277																
MU-3	12/13/1995	12:15	Mid	2.7	1.0	18.72	7.23	7.27	0.13	266	1.0	150	0.7	1.8	<0.01	0.10	<0.01	0.10	0.10	<0.01	0.79	0.89	0.23	0.25	2.1	1.2
MU-3	12/13/1995	12:15	Bottom	2.7	2.5	18.66	7.26	7.38	0.13	278																
MU-4	12/13/1995	11:50	Surface	0.7	0.2	18.83	7.40	8.25	0.17	350																
MU-4	12/13/1995	11:50	Mid	0.7	0.3	18.79	7.41	8.32	0.17	360	1.1	125	0.7	1.8	<0.01	0.08	0.02	0.10	0.08	0.02	0.61	0.69	0.21	0.22	2.1	0.7*
MU-4	12/13/1995	11:50	Bottom	0.7	0.5	18.77	7.44	8.42	0.17	354																
MU-5	12/13/1995	11:20	Surface	2.1	0.2	18.22	7.40	8.55	0.82	1,655																
MU-5	12/13/1995	11:20	Mid	2.1	1.0	18.16	7.40	8.57	0.90	1,756	0.6	125	0.7	2.0	<0.01	0.08	<0.01	0.08	0.08	<0.01	0.88	0.96	0.19	0.20	1.6	1.3
MU-5	12/13/1995	11:20	Bottom	2.1	1.9	18.15	7.40	8.63	0.93	1,822																
Equip Blank	12/11/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	0.1	0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	<0.01	0.01	<1.0	NA
Equip Blank	12/12/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	12/13/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	<0.01	0.01	<1.0	NA
Equip Blank	12/14/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA

Station = Segment ID + Site Number (1-5)

LB=Lemon Bay, MU=Upper Myakka River, ML=Lower Myakka River.

*=Secchi Disk seen on bottom.

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
10-1	1/23/1995	6:45	Surface	3.0	0.2	15.67	7.99	7.73	32.27	49,330
10-1	1/23/1995	6:45	Mid	3.0	1.0	15.67	8.00	7.70	32.28	49,330
10-1	1/23/1995	6:45	Bottom	3.0	2.8	16.12	7.98	7.56	32.52	49,460
10-2	1/23/1995	7:00	Surface	2.3	0.2	15.56	8.04	7.64	32.25	49,255
10-2	1/23/1995	7:00	Mid	2.3	1.0	15.60	8.03	7.55	32.30	49,330
10-2	1/23/1995	7:00	Bottom	2.3	2.1	15.61	8.01	7.43	32.32	49,340
10-3	1/23/1995	7:15	Surface	2.0	0.2	15.64	8.02	7.60	32.46	49,480
10-3	1/23/1995	7:15	Mid	2.0	1.0	15.65	8.02	7.41	32.48	49,480
10-3	1/23/1995	7:15	Bottom	2.0	1.8	15.67	8.02	7.39	32.47	49,480
10-4	1/23/1995	7:30	Surface	4.0	0.2	15.90	7.99	7.39	32.70	49,850
10-4	1/23/1995	7:30	Mid	4.0	1.0	15.90	7.99	7.77	32.73	49,850
10-4	1/23/1995	7:30	Bottom	4.0	3.8	15.90	8.00	7.66	32.72	49,850
10-5	1/23/1995	7:50	Surface	4.3	0.2	15.75	7.97	7.82	32.52	49,460
10-5	1/23/1995	7:50	Mid	4.3	1.0	15.85	7.97	7.68	32.67	49,800
10-5	1/23/1995	7:50	Bottom	4.3	4.1	15.93	7.97	7.52	32.76	49,850
11-1	1/23/1995	8:00	Surface	3.6	0.2	15.84	8.04	7.71	32.08	49,290
11-1	1/23/1995	8:00	Mid	3.6	1.0	15.84	8.05	7.69	32.08	49,290
11-1	1/23/1995	8:00	Bottom	3.6	3.4	15.83	8.06	7.64	32.08	49,290
11-1rep	1/23/1995	8:00	Surface	3.6	0.2	15.84	8.04	7.71	32.08	49,290
11-1rep	1/23/1995	8:00	Mid	3.6	1.0	15.84	8.05	7.69	32.08	49,290
11-1rep	1/23/1995	8:00	Bottom	3.6	3.4	15.83	8.06	7.64	32.08	49,290
11-2	1/23/1995	8:10	Surface	2.8	0.2	16.05	8.01	7.84	32.38	49,510
11-2	1/23/1995	8:10	Mid	2.8	1.0	16.04	8.02	7.73	32.38	49,510
11-2	1/23/1995	8:10	Bottom	2.8	2.6	16.03	8.03	7.68	32.39	49,510
11-3	1/23/1995	8:20	Surface	2.3	0.2	15.95	7.98	7.60	32.39	49,510
11-3	1/23/1995	8:20	Mid	2.3	1.0	15.93	7.98	7.58	32.40	49,520
11-3	1/23/1995	8:20	Bottom	2.3	2.1	15.99	7.99	7.53	32.40	49,520
11-4	1/23/1995	8:40	Surface	3.9	0.2	15.87	7.99	7.72	32.42	49,520
11-4	1/23/1995	8:40	Mid	3.9	1.0	15.87	7.99	7.65	32.43	49,520
11-4	1/23/1995	8:40	Bottom	3.9	3.7	15.96	7.95	7.77	32.54	49,630
11-5	1/23/1995	8:30	Surface	3.6	0.2	15.73	8.00	7.64	31.88	48,970
11-5	1/23/1995	8:30	Mid	3.6	1.0	15.88	7.99	7.51	31.96	48,970
11-5	1/23/1995	8:30	Bottom	3.6	3.4	16.18	7.99	7.34	32.39	49,510
MU-1	1/24/1995	7:05	Surface	1.6	0.2	15.80	6.96	7.61	0.14	288
MU-1	1/24/1995	7:05	Mid	1.6	0.8	15.80	6.92	7.57	0.14	289
MU-1	1/24/1995	7:05	Bottom	1.6	1.4	15.80	6.93	7.56	0.14	289
MU-2	1/24/1995	6:55	Surface	1.7	0.2	15.88	6.97	7.50	0.15	295
MU-2	1/24/1995	6:55	Mid	1.7	0.8	15.86	6.97	7.48	0.15	296
MU-2	1/24/1995	6:55	Bottom	1.7	1.5	15.86	6.97	7.47	0.15	296
MU-3	1/24/1995	6:45	Surface	0.8	0.2	16.10	7.03	8.06	0.15	296
MU-3	1/24/1995	6:45	Mid	0.8	0.4	16.10	7.04	7.96	0.15	298
MU-3	1/24/1995	6:45	Bottom	0.8	0.6	16.09	7.05	7.95	0.15	298
MU-4	1/24/1995	6:20	Surface	0.9	0.2	16.18	7.18	8.36	0.15	297
MU-4	1/24/1995	6:20	Mid	0.9	0.4	16.16	7.16	8.30	0.15	298
MU-4	1/24/1995	6:20	Bottom	0.9	0.7	16.18	7.16	8.29	0.15	299
MU-5	1/24/1995	6:30	Surface	1.0	0.2	15.55	7.10	8.18	0.16	309
MU-5	1/24/1995	6:30	Mid	1.0	0.5	15.56	7.08	8.11	0.15	310
MU-5	1/24/1995	6:30	Bottom	1.0	0.8	15.57	7.09	8.10	0.16	310
ML-1	1/24/1995	7:15	Surface	1.6	0.2	15.39	7.11	8.10	0.20	411
ML-1	1/24/1995	7:15	Mid	1.6	0.8	15.40	7.14	8.02	0.21	423
ML-1	1/24/1995	7:15	Bottom	1.6	1.4	16.11	7.06	7.60	0.86	1,642
ML-2	1/24/1995	7:30	Surface	1.1	0.2	15.61	7.12	8.04	0.29	597
ML-2	1/24/1995	7:30	Mid	1.1	0.6	15.61	7.13	7.99	0.29	598
ML-2	1/24/1995	7:30	Bottom	1.1	0.9	16.63	7.13	7.97	0.29	600
ML-3	1/24/1995	7:50	Surface	0.6	0.2	15.54	7.26	8.28	0.81	1,610
ML-3	1/24/1995	7:50	Mid	0.6	0.3	15.59	7.23	8.24	0.98	2,020
ML-3	1/24/1995	7:50	Bottom	0.6	0.4	15.63	7.24	8.18	1.04	2,040
ML-4	1/24/1995	8:05	Surface	1.4	0.2	15.95	7.26	8.28	0.67	1,310
ML-4	1/24/1995	8:05	Mid	1.4	0.7	15.96	7.30	8.20	0.64	1,305
ML-4	1/24/1995	8:05	Bottom	1.4	1.2	16.01	7.31	8.16	0.66	1,308
ML-5	1/24/1995	8:20	Surface	1.3	0.2	16.16	7.32	8.31	0.79	1,525
ML-5	1/24/1995	8:20	Mid	1.3	0.7	16.14	7.33	8.26	0.78	1,520
ML-5	1/24/1995	8:20	Bottom	1.3	1.1	16.13	7.33	8.24	0.80	1,538
ML-5rep	1/24/1995	8:20	Surface	1.3	0.2	16.16	7.32	8.31	0.79	1,533

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
ML-5rep	1/24/1995	8:20	Mid	1.3	0.7	16.14	7.33	8.26	0.78	1,520
ML-5rep	1/24/1995	8:20	Bottom	1.3	1.1	16.13	7.33	8.24	0.80	1,540
13-1	1/25/1995	7:00	Surface	1.5	0.2	13.58	7.81	8.20	28.46	44,030
13-1	1/25/1995	7:00	Mid	1.5	0.8	13.85	7.85	7.96	29.69	45,900
13-1	1/25/1995	7:00	Bottom	1.5	1.3	13.87	7.87	7.84	29.75	45,910
13-2	1/25/1995	7:10	Surface	1.4	0.2	14.00	7.81	8.07	27.80	43,330
13-2	1/25/1995	7:10	Mid	1.4	0.7	14.50	7.90	7.85	28.89	44,650
13-2	1/25/1995	7:10	Bottom	1.4	1.2	14.92	7.86	7.57	30.40	49,870
13-3	1/25/1995	7:25	Surface	1.5	0.2	13.64	7.85	7.89	27.18	42,190
13-3	1/25/1995	7:25	Mid	1.5	0.7	13.84	7.88	7.71	27.76	43,000
13-3	1/25/1995	7:25	Bottom	1.5	1.3	13.88	7.89	7.68	27.83	43,100
13-4	1/25/1995	7:40	Surface	1.5	0.2	13.88	7.89	8.03	23.32	37,110
13-4	1/25/1995	7:40	Mid	1.5	0.7	14.39	7.92	7.69	26.60	41,320
13-4	1/25/1995	7:40	Bottom	1.5	1.3	14.42	7.93	7.61	27.32	42,510
13-5	1/25/1995	7:50	Surface	1.0	0.2	14.27	7.94	8.11	27.47	42,620
13-5	1/25/1995	7:50	Mid	1.0	0.5	14.27	7.95	8.07	27.45	42,610
13-5	1/25/1995	7:50	Bottom	1.0	0.8	14.29	7.95	8.00	27.49	42,650
14-1	1/25/1995	8:00	Surface	1.7	0.2	14.15	7.97	8.23	27.28	42,480
14-1	1/25/1995	8:00	Mid	1.7	0.8	14.26	7.97	8.10	27.41	42,600
14-1	1/25/1995	8:00	Bottom	1.7	1.5	14.30	7.97	8.10	27.41	42,600
14-2	1/25/1995	8:05	Surface	1.0	0.2	13.31	7.99	8.25	27.57	42,750
14-2	1/25/1995	8:05	Mid	1.0	0.5	13.22	7.99	8.11	27.55	42,740
14-2	1/25/1995	8:05	Bottom	1.0	0.8	12.48	7.98	8.03	27.69	42,800
14-3	1/25/1995	8:15	Surface	0.6	0.2	12.86	7.93	8.11	27.47	42,620
14-3	1/25/1995	8:15	Mid	0.6	0.3	12.88	7.94	8.01	27.52	42,730
14-3	1/25/1995	8:15	Bottom	0.6	0.4	12.87	7.95	7.96	27.51	42,730
14-4	1/25/1995	8:30	Surface	1.3	0.2	13.40	7.93	8.00	27.10	42,190
14-4	1/25/1995	8:30	Mid	1.3	0.6	13.43	7.95	7.94	27.10	42,190
14-4	1/25/1995	8:30	Bottom	1.3	1.1	13.45	7.96	7.96	27.17	42,210
14-5	1/25/1995	6:30	Surface	2.1	0.2	13.95	7.91	7.57	26.92	41,990
14-5	1/25/1995	6:30	Mid	2.1	1.0	13.96	7.93	7.53	26.91	41,990
14-5	1/25/1995	6:30	Bottom	2.1	1.9	13.89	7.96	7.52	26.97	42,000
14-5rep	1/25/1995	6:30	Surface	2.1	0.2	13.95	7.91	7.57	26.92	41,990
14-5rep	1/25/1995	6:30	Mid	2.1	1.0	13.96	7.93	7.53	26.91	41,990
14-5rep	1/25/1995	6:30	Bottom	2.1	1.9	13.89	7.96	7.52	26.97	42,000
16-1	1/26/1995	8:50	Surface	2.6	0.2	13.87	7.84	7.72	27.85	42,950
16-1	1/26/1995	8:50	Mid	2.6	1.0	13.83	7.87	7.61	28.06	43,430
16-1	1/26/1995	8:50	Bottom	2.6	2.4	13.84	7.89	7.56	28.11	43,450
16-1rep	1/26/1995	8:50	Surface	2.6	0.2	13.87	7.84	7.72	27.85	42,950
16-1rep	1/26/1995	8:50	Mid	2.6	1.0	13.83	7.87	7.61	28.06	43,430
16-1rep	1/26/1995	8:50	Bottom	2.6	2.4	13.84	7.89	7.56	28.11	43,450
16-2	1/26/1995	8:40	Surface	1.2	0.2	13.74	7.89	8.13	27.53	42,730
16-2	1/26/1995	8:40	Mid	1.2	0.6	13.99	7.89	8.04	28.32	42,480
16-2	1/26/1995	8:40	Bottom	1.2	1.0	14.04	7.89	7.93	28.53	44,030
16-3	1/26/1995	8:30	Surface	1.5	0.2	13.70	7.86	7.84	28.37	44,020
16-3	1/26/1995	8:30	Mid	1.5	0.7	14.36	7.86	7.61	29.66	45,790
16-3	1/26/1995	8:30	Bottom	1.5	1.3	14.38	7.87	7.61	29.69	45,800
16-4	1/26/1995	8:15	Surface	0.7	0.2	14.70	7.86	7.72	31.67	48,500
16-4	1/26/1995	8:15	Mid	0.7	0.3	14.72	7.86	7.69	31.66	47,980
16-4	1/26/1995	8:15	Bottom	0.7	0.5	14.72	7.87	7.67	31.77	48,640
16-5	1/26/1995	8:00	Surface	1.0	0.2	14.87	7.84	7.73	32.52	49,560
16-5	1/26/1995	8:00	Mid	1.0	0.5	14.88	7.85	7.72	32.56	49,650
16-5	1/26/1995	8:00	Bottom	1.0	0.8	14.89	7.86	7.72	32.54	49,610
LB-1	1/26/1995	7:30	Surface	1.5	0.2	14.21	7.77	7.56	25.17	39,350
LB-1	1/26/1995	7:30	Mid	1.5	0.7	14.49	7.77	7.38	25.64	40,150
LB-1	1/26/1995	7:30	Bottom	1.5	1.3	14.53	7.79	7.35	25.71	40,260
LB-2	1/26/1995	7:05	Surface	3.0	0.2	14.62	7.82	7.58	26.74	41,840
LB-2	1/26/1995	7:05	Mid	3.0	1.0	14.65	7.83	7.51	26.82	41,920
LB-2	1/26/1995	7:05	Bottom	3.0	2.8	14.65	7.85	7.41	26.83	41,920
LB-3	1/26/1995	6:50	Surface	1.0	0.2	13.60	7.85	7.90	26.35	41,020
LB-3	1/26/1995	6:50	Mid	1.0	0.5	13.64	7.87	7.80	26.30	41,000
LB-3	1/26/1995	6:50	Bottom	1.0	0.8	14.40	7.91	7.55	26.23	40,940
LB-4	1/26/1995	6:35	Surface	2.0	0.2	12.97	7.87	8.11	26.66	41,780
LB-4	1/26/1995	6:35	Mid	2.0	1.0	15.32	7.99	6.94	30.43	46,900

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
LB-4	1/26/1995	6:35	Bottom	2.0	1.8	15.46	7.99	6.80	30.46	46,910
LB-5	1/26/1995	6:25	Surface	0.7	0.2	13.59	7.96	7.74	30.11	46,730
LB-5	1/26/1995	6:25	Mid	0.7	0.3	13.90	7.99	7.56	30.38	46,820
LB-5	1/26/1995	6:25	Bottom	0.7	0.5	14.31	7.99	7.46	30.47	46,910
10-1	2/13/1995	8:20	Surface	2.9	0.2	16.01	7.98	8.04	32.50	49,602
10-1	2/13/1995	8:20	Mid	2.9	1.0	16.02	7.99	8.00	32.52	49,633
10-1	2/13/1995	8:20	Bottom	2.9	2.7	16.02	7.99	7.98	32.52	49,641
10-1 Rep	2/13/1995	8:20	Surface	2.9	0.2	16.00	7.98	8.03	32.50	49,600
10-1 Rep	2/13/1995	8:20	Mid	2.9	1.0	16.02	7.99	8.00	32.51	49,630
10-1 Rep	2/13/1995	8:20	Bottom	2.9	2.7	16.02	7.99	7.97	32.52	49,644
10-2	2/13/1995	8:10	Surface	1.4	0.2	16.26	7.92	7.84	32.69	49,858
10-2	2/13/1995	8:10	Mid	1.4	0.7	16.27	7.93	7.73	32.68	49,856
10-2	2/13/1995	8:10	Bottom	1.4	1.2	16.28	7.94	7.67	32.68	49,857
10-3	2/13/1995	8:00	Surface	0.6	0.2	15.91	7.91	7.70	32.67	49,850
10-3	2/13/1995	8:00	Mid	0.6	0.3	15.91	7.91	7.69	32.68	49,861
10-3	2/13/1995	8:00	Bottom	0.6	0.4	15.88	7.91	7.69	32.68	49,857
10-4	2/13/1995	7:40	Surface	2.2	0.2	16.56	7.92	7.76	32.58	49,708
10-4	2/13/1995	7:40	Mid	2.2	1.0	16.58	7.92	7.61	32.58	49,717
10-4	2/13/1995	7:40	Bottom	2.2	2.0	16.58	7.93	7.58	32.59	49,721
10-5	2/13/1995	7:20	Surface	4.8	0.2	16.67	7.92	7.58	32.28	49,299
10-5	2/13/1995	7:20	Mid	4.8	1.0	16.67	7.92	7.55	32.29	49,311
10-5	2/13/1995	7:20	Bottom	4.8	4.6	16.67	7.93	7.51	32.44	49,523
11-1	2/13/1995	7:10	Surface	2.4	0.2	16.48	8.00	8.02	32.18	49,157
11-1	2/13/1995	7:10	Mid	2.4	1.0	16.48	8.00	7.99	32.19	49,181
11-1	2/13/1995	7:10	Bottom	2.4	2.2	16.50	8.00	7.95	32.20	49,192
11-2	2/13/1995	6:20	Surface	2.9	0.2	16.42	7.89	7.96	31.67	48,492
11-2	2/13/1995	6:20	Mid	2.9	1.0	16.41	7.92	8.00	32.47	49,558
11-2	2/13/1995	6:20	Bottom	2.9	2.7	16.41	7.94	8.01	32.48	49,574
11-3	2/13/1995	6:35	Surface	2.7	0.2	16.55	7.90	7.84	32.29	49,307
11-3	2/13/1995	6:35	Mid	2.7	1.0	16.56	7.93	7.95	32.29	49,310
11-3	2/13/1995	6:35	Bottom	2.7	2.5	16.56	7.93	7.94	32.32	49,342
11-4	2/13/1995	6:50	Surface	1.4	0.2	16.54	7.90	7.74	32.38	49,436
11-4	2/13/1995	6:50	Mid	1.4	0.7	16.55	7.92	7.63	32.38	49,442
11-4	2/13/1995	6:50	Bottom	1.4	1.2	16.55	7.92	7.62	32.38	49,443
11-5	2/13/1995	7:05	Surface	2.0	0.2	17.14	7.90	7.45	31.55	48,294
11-5	2/13/1995	7:05	Mid	2.0	1.0	17.12	7.90	7.37	32.21	49,200
11-5	2/13/1995	7:05	Bottom	2.0	1.8	16.87	7.88	7.23	32.36	49,402
13-1	2/14/1995	6:30	Surface	1.9	0.2	17.35	7.77	7.02	29.90	46,033
13-1	2/14/1995	6:30	Mid	1.9	0.9	17.19	7.80	7.01	30.67	47,077
13-1	2/14/1995	6:30	Bottom	1.9	1.7	16.99	7.79	6.99	31.28	47,919
13-2	2/14/1995	6:45	Surface	1.4	0.2	17.68	7.74	6.90	27.72	42,998
13-2	2/14/1995	6:45	Mid	1.4	0.7	17.68	7.76	6.73	27.99	43,377
13-2	2/14/1995	6:45	Bottom	1.4	1.2	17.66	7.77	6.62	28.21	43,656
13-3	2/14/1995	7:00	Surface	1.0	0.2	17.59	7.77	6.42	28.87	44,587
13-3	2/14/1995	7:00	Mid	1.0	0.5	17.61	7.74	5.92	28.96	44,724
13-3	2/14/1995	7:00	Bottom	1.0	0.8	17.62	7.76	5.68	28.94	44,687
13-4	2/14/1995	7:15	Surface	2.9	0.2	17.62	7.80	6.62	28.74	44,407
13-4	2/14/1995	7:15	Mid	2.9	1.0	17.62	7.82	6.61	28.74	44,402
13-4	2/14/1995	7:15	Bottom	2.9	2.7	17.62	7.84	6.75	28.74	44,402
13-5	2/14/1995	7:30	Surface	1.5	0.2	17.64	7.81	6.80	28.77	44,440
13-5	2/14/1995	7:30	Mid	1.5	0.7	17.65	7.81	6.65	28.75	44,423
13-5	2/14/1995	7:30	Bottom	1.5	1.3	17.65	7.82	6.60	28.77	44,437
14-1	2/14/1995	7:45	Surface	1.7	0.2	17.54	7.88	7.18	29.06	44,854
14-1	2/14/1995	7:45	Mid	1.7	0.8	17.54	7.89	7.15	29.08	44,882
14-1	2/14/1995	7:45	Bottom	1.7	1.5	17.52	7.90	7.14	29.14	44,955
14-2	2/14/1995	8:00	Surface	1.4	0.2	17.56	7.89	7.19	28.93	44,670
14-2	2/14/1995	8:00	Mid	1.4	0.7	17.56	7.90	7.11	28.92	44,653
14-2	2/14/1995	8:00	Bottom	1.4	1.2	17.54	7.90	7.09	29.01	44,783
14-3	2/14/1995	8:10	Surface	2.0	0.2	17.64	7.87	7.02	28.36	43,889
14-3	2/14/1995	8:10	Mid	2.0	1.0	17.64	7.90	6.98	28.99	44,739
14-3	2/14/1995	8:10	Bottom	2.0	1.8	17.89	7.85	6.20	29.46	45,394
14-4	2/14/1995	8:25	Surface	1.3	0.2	17.70	7.84	6.76	29.04	44,834
14-4	2/14/1995	8:25	Mid	1.3	0.6	17.70	7.84	6.72	29.05	44,847
14-4	2/14/1995	8:25	Bottom	1.3	1.1	17.70	7.84	6.71	29.06	44,836

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
14-5	2/14/1995	8:35	Surface	1.0	0.2	17.65	7.84	6.96	29.52	45,478
14-5	2/14/1995	8:35	Mid	1.0	0.5	17.66	7.84	6.89	29.52	45,478
14-5	2/14/1995	8:35	Bottom	1.0	0.8	17.66	7.85	6.87	29.51	45,475
14-5rep	2/14/1995	8:35	Surface	1.0	0.2	17.65	7.83	6.94	29.52	45,472
14-5rep	2/14/1995	8:35	Mid	1.0	0.5	17.66	7.84	6.89	29.51	45,470
14-5rep	2/14/1995	8:35	Bottom	1.0	0.8	17.66	7.85	6.85	29.51	45,470
16-1	2/15/1995	6:15	Surface	1.1	0.2	18.34	7.69	6.89	30.57	46,934
16-1	2/15/1995	6:15	Mid	1.1	0.6	18.34	7.71	6.80	30.56	46,919
16-1	2/15/1995	6:15	Bottom	1.1	0.9	18.33	7.72	6.75	30.56	46,920
16-2	2/15/1995	6:30	Surface	1.0	0.2	18.46	7.69	6.31	29.96	46,099
16-2	2/15/1995	6:30	Mid	1.0	0.5	18.45	7.70	6.21	29.96	46,101
16-2	2/15/1995	6:30	Bottom	1.0	0.8	18.44	7.70	6.14	29.99	46,132
16-3	2/15/1995	6:45	Surface	1.8	0.2	18.47	7.76	6.53	30.23	46,462
16-3	2/15/1995	6:45	Mid	1.8	0.9	18.40	7.76	6.51	30.29	46,558
16-3	2/15/1995	6:45	Bottom	1.8	1.6	18.13	7.74	6.38	30.79	47,252
16-4	2/15/1995	6:55	Surface	1.0	0.2	18.04	7.76	6.74	30.93	47,400
16-4	2/15/1995	6:55	Mid	1.0	0.5	17.60	7.79	6.71	31.48	48,205
16-4	2/15/1995	6:55	Bottom	1.0	0.8	17.55	7.80	6.66	31.56	48,289
16-5	2/15/1995	7:10	Surface	3.0	0.2	17.74	7.79	6.72	31.31	47,958
16-5	2/15/1995	7:10	Mid	3.0	1.0	17.74	7.80	6.67	31.32	47,967
16-5	2/15/1995	7:10	Bottom	3.0	2.8	17.73	7.80	6.65	31.32	47,969
LB-1	2/15/1995	7:45	Surface	1.0	0.2	19.43	7.53	5.54	20.75	33,016
LB-1	2/15/1995	7:45	Mid	1.0	0.5	19.35	7.55	5.43	21.86	34,750
LB-1	2/15/1995	7:45	Bottom	1.0	0.8	19.37	7.55	5.41	21.63	34,214
LB-2	2/15/1995	7:55	Surface	1.1	0.2	19.41	7.64	6.19	25.96	40,498
LB-2	2/15/1995	7:55	Mid	1.1	0.6	19.40	7.68	6.11	26.16	40,786
LB-2	2/15/1995	7:55	Bottom	1.1	0.9	19.39	7.69	6.13	26.22	40,881
LB-3	2/15/1995	8:10	Surface	3.0	0.2	19.55	7.76	6.95	25.47	39,848
LB-3	2/15/1995	8:10	Mid	3.0	1.0	19.39	7.78	6.89	26.87	41,783
LB-3	2/15/1995	8:10	Bottom	3.0	2.8	18.19	7.78	4.88	28.91	44,630
LB-4	2/15/1995	8:25	Surface	1.3	0.2	19.18	7.94	7.82	27.93	43,272
LB-4	2/15/1995	8:25	Mid	1.3	0.7	19.18	7.94	7.78	27.93	43,280
LB-4	2/15/1995	8:25	Bottom	1.3	1.1	19.18	7.95	7.75	27.97	43,319
LB-5	2/15/1995	8:35	Surface	2.5	0.2	19.25	7.94	7.56	28.67	44,310
LB-5	2/15/1995	8:35	Mid	2.5	1.0	19.23	7.94	7.56	28.70	44,336
LB-5	2/15/1995	8:35	Bottom	2.5	2.3	19.11	7.92	7.15	28.85	44,557
LB-5 Rep	2/15/1995	8:35	Surface	2.5	0.2	19.25	7.95	7.56	28.67	44,300
LB-5 Rep	2/15/1995	8:35	Mid	2.5	1.0	19.20	7.94	7.52	28.70	44,355
LB-5 Rep	2/15/1995	8:35	Bottom	2.5	2.3	19.11	7.92	7.15	28.85	44,560
ML-1	2/16/1995	7:15	Surface	0.9	0.2	21.83	7.19	7.01	1.38	2,659
ML-1	2/16/1995	7:15	Mid	0.9	0.4	21.84	7.19	6.96	1.37	2,652
ML-1	2/16/1995	7:15	Bottom	0.9	0.7	21.84	7.19	6.95	1.37	2,651
ML-2	2/16/1995	6:55	Surface	0.6	0.2	20.63	7.17	6.42	2.08	3,927
ML-2	2/16/1995	6:55	Mid	0.6	0.3	20.80	7.18	6.37	2.18	4,094
ML-2	2/16/1995	6:55	Bottom	0.6	0.4	21.55	7.15	6.22	2.21	4,259
ML-3	2/16/1995	6:45	Surface	0.7	0.2	21.22	7.21	7.14	2.36	4,426
ML-3	2/16/1995	6:45	Mid	0.7	0.3	20.97	7.25	7.07	2.38	4,459
ML-3	2/16/1995	6:45	Bottom	0.7	0.5	21.31	7.25	6.91	2.52	4,700
ML-4	2/16/1995	6:30	Surface	2.0	0.2	22.22	7.38	7.28	3.65	6,682
ML-4	2/16/1995	6:30	Mid	2.0	1.0	22.23	7.36	7.21	3.67	6,684
ML-4	2/16/1995	6:30	Bottom	2.0	1.8	22.23	7.35	7.19	3.68	6,618
ML-5	2/16/1995	6:15	Surface	1.5	0.2	22.14	7.32	7.30	4.54	8,127
ML-5	2/16/1995	6:15	Mid	1.5	0.7	22.17	7.33	7.23	4.94	8,835
ML-5	2/16/1995	6:15	Bottom	1.5	1.3	22.17	7.33	7.21	4.93	8,830
MU-1	2/16/1995	8:30	Surface	2.9	0.2	20.60	7.00	6.66	0.17	357
MU-1	2/16/1995	8:30	Mid	2.9	1.0	20.61	6.94	6.52	0.17	351
MU-1	2/16/1995	8:30	Bottom	2.9	2.7	20.60	6.92	6.42	0.17	354
MU-1 Rep	2/16/1995	8:30	Surface	2.9	0.2	20.61	7.00	6.66	0.17	358
MU-1 Rep	2/16/1995	8:30	Mid	2.9	1.0	20.61	6.97	6.55	0.17	352
MU-1 Rep	2/16/1995	8:30	Bottom	2.9	2.7	20.60	6.92	6.45	0.17	359
MU-2	2/16/1995	8:20	Surface	1.9	0.2	20.63	7.00	6.50	0.17	363
MU-2	2/16/1995	8:20	Mid	1.9	0.9	20.63	6.98	6.47	0.17	364
MU-2	2/16/1995	8:20	Bottom	1.9	1.7	20.62	6.98	6.44	0.17	363
MU-3	2/16/1995	8:00	Surface	2.4	0.2	21.14	7.11	7.14	0.20	420

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
MU-3	2/16/1995	8:00	Mid	2.4	1.0	21.14	7.10	7.08	0.20	421
MU-3	2/16/1995	8:00	Bottom	2.4	2.2	21.14	7.10	7.04	0.20	421
MU-4	2/16/1995	7:45	Surface	2.6	0.2	21.42	7.14	7.29	0.27	554
MU-4	2/16/1995	7:45	Mid	2.6	1.0	21.42	7.13	7.26	0.26	528
MU-4	2/16/1995	7:45	Bottom	2.6	2.4	21.43	7.13	7.25	0.26	534
MU-5	2/16/1995	7:30	Surface	1.2	0.2	21.69	7.10	7.08	1.04	2,040
MU-5	2/16/1995	7:30	Mid	1.2	0.6	21.70	7.12	6.90	1.11	2,168
MU-5	2/16/1995	7:30	Bottom	1.2	1.0	21.69	7.13	6.84	1.12	2,163
10-1	3/13/1995	6:20	Surface	3.1	0.2	17.89	7.81	7.51	33.92	51,519
10-1	3/13/1995	6:20	Mid	3.1	1.0	17.90	7.83	7.43	33.93	51,530
10-1	3/13/1995	6:20	Bottom	3.1	2.9	17.92	7.84	7.39	33.98	51,591
10-2	3/13/1995	6:40	Surface	2.4	0.2	18.11	7.82	7.19	34.09	51,752
10-2	3/13/1995	6:40	Mid	2.4	1.0	18.13	7.84	7.10	34.09	51,745
10-2	3/13/1995	6:40	Bottom	2.4	2.2	18.12	7.85	7.06	34.07	51,712
10-3	3/13/1995	6:55	Surface	7.0	0.2	18.34	7.81	7.15	34.27	51,990
10-3	3/13/1995	6:55	Mid	7.0	1.0	18.37	7.83	7.10	34.27	51,988
10-3	3/13/1995	6:55	Bottom	7.0	6.8	18.37	7.85	7.07	34.28	52,000
10-4	3/13/1995	7:15	Surface	3.5	0.2	18.16	7.81	7.17	34.16	51,842
10-4	3/13/1995	7:15	Mid	3.5	1.0	18.15	7.86	7.08	34.15	51,824
10-4	3/13/1995	7:15	Bottom	3.5	3.3	18.05	7.87	6.95	34.18	51,840
10-5	3/13/1995	7:35	Surface	1.8	0.2	18.11	7.91	7.18	31.21	47,811
10-5	3/13/1995	7:35	Mid	1.8	0.9	18.07	7.91	7.08	31.53	48,197
10-5	3/13/1995	7:35	Bottom	1.8	1.6	18.18	7.92	6.91	33.64	51,131
10-5 Rep	3/13/1995	7:35	Surface	1.8	0.2	18.10	7.91	7.17	31.20	47,803
10-5 Rep	3/13/1995	7:35	Mid	1.8	0.9	18.05	7.91	7.08	31.52	48,188
10-5 Rep	3/13/1995	7:35	Bottom	1.8	1.6	18.18	7.92	6.90	33.64	51,132
11-1	3/13/1995	6:10	Surface	3.2	0.2	18.13	7.66	7.34	33.37	50,772
11-1	3/13/1995	6:10	Mid	3.2	1.0	18.14	7.70	7.31	33.39	50,794
11-1	3/13/1995	6:10	Bottom	3.2	3.0	18.23	7.76	7.26	33.42	50,832
11-2	3/13/1995	8:20	Surface	3.5	0.2	18.20	8.02	7.23	33.85	51,415
11-2	3/13/1995	8:20	Mid	3.5	1.0	18.20	8.02	7.17	33.85	51,414
11-2	3/13/1995	8:20	Bottom	3.5	3.3	18.17	8.02	7.15	33.85	51,418
11-3	3/13/1995	8:10	Surface	3.0	0.2	18.19	8.00	7.18	33.86	51,427
11-3	3/13/1995	8:10	Mid	3.0	1.0	19.00	8.00	7.13	33.90	51,486
11-3	3/13/1995	8:10	Bottom	3.0	2.8	18.19	8.00	7.10	33.89	51,473
11-4	3/13/1995	8:00	Surface	3.3	0.2	18.12	7.96	7.13	33.91	51,503
11-4	3/13/1995	8:00	Mid	3.3	1.0	18.11	7.96	6.99	33.88	51,465
11-4	3/13/1995	8:00	Bottom	3.3	3.1	18.13	7.91	6.83	34.00	51,629
11-5	3/13/1995	7:50	Surface	1.8	0.2	18.23	7.93	7.26	31.20	47,806
11-5	3/13/1995	7:50	Mid	1.8	0.9	18.44	7.92	7.04	31.69	48,381
11-5	3/13/1995	7:50	Bottom	1.8	1.6	18.54	7.94	6.84	32.67	49,837
13-1	3/14/1995	6:15	Surface	1.0	0.2	19.71	7.56	6.85	29.13	44,915
13-1	3/14/1995	6:15	Mid	1.0	0.5	19.81	7.63	6.73	29.56	45,655
13-1	3/14/1995	6:15	Bottom	1.0	0.8	19.74	7.65	6.52	31.80	48,597
13-2	3/14/1995	6:25	Surface	1.2	0.2	19.75	7.71	6.69	27.23	42,280
13-2	3/14/1995	6:25	Mid	1.2	0.6	19.77	7.71	6.66	27.41	42,551
13-2	3/14/1995	6:25	Bottom	1.2	1.0	19.78	7.72	6.64	27.48	42,643
13-3	3/14/1995	6:45	Surface	1.7	0.2	19.63	7.70	6.74	28.10	43,497
13-3	3/14/1995	6:45	Mid	1.7	0.9	19.65	7.73	6.65	28.12	43,542
13-3	3/14/1995	6:45	Bottom	1.7	1.5	19.67	7.72	6.53	28.47	44,030
13-4	3/14/1995	7:00	Surface	3.2	0.2	19.61	7.77	6.65	28.02	43,397
13-4	3/14/1995	7:00	Mid	3.2	1.0	19.61	7.77	6.63	28.02	43,397
13-4	3/14/1995	7:00	Bottom	3.2	3.0	19.61	7.78	6.58	28.02	43,406
13-5	3/14/1995	7:15	Surface	1.5	0.2	19.59	7.73	6.80	28.01	43,387
13-5	3/14/1995	7:15	Mid	1.5	0.7	19.60	7.76	6.70	28.02	43,402
13-5	3/14/1995	7:15	Bottom	1.5	1.3	19.61	7.77	6.66	28.02	43,402
14-1	3/14/1995	7:30	Surface	1.4	0.2	19.43	7.83	6.78	28.02	43,404
14-1	3/14/1995	7:30	Mid	1.4	0.7	19.43	7.84	6.74	28.03	43,411
14-1	3/14/1995	7:30	Bottom	1.4	1.2	19.44	7.86	6.67	28.03	43,413
14-2	3/14/1995	7:40	Surface	1.1	0.2	19.55	7.89	6.60	28.90	44,621
14-2	3/14/1995	7:40	Mid	1.1	0.5	19.56	7.90	6.55	28.89	44,621
14-2	3/14/1995	7:40	Bottom	1.1	0.9	19.56	7.91	6.52	28.90	44,624
14-3	3/14/1995	7:55	Surface	1.5	0.2	19.27	7.87	6.50	29.56	45,547
14-3	3/14/1995	7:55	Mid	1.5	0.7	19.25	7.89	6.44	29.55	45,534

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
14-3	3/14/1995	7:55	Bottom	1.5	1.3	19.23	7.90	6.39	29.57	45,547
14-4	3/14/1995	8:15	Surface	1.2	0.2	19.57	7.95	6.81	30.60	46,972
14-4	3/14/1995	8:15	Mid	1.2	0.6	19.86	7.95	6.70	31.11	47,712
14-4	3/14/1995	8:15	Bottom	1.2	1.0	20.10	7.94	6.59	31.58	48,295
14-5	3/14/1995	8:25	Surface	1.3	0.2	19.74	7.97	7.21	31.61	48,352
14-5	3/14/1995	8:25	Mid	1.3	0.6	19.74	7.97	7.14	31.65	48,405
14-5	3/14/1995	8:25	Bottom	1.3	1.1	19.77	7.97	7.08	31.69	48,487
14-5 Rep	3/14/1995	8:25	Surface	1.3	0.2	19.74	7.97	7.20	31.62	48,365
14-5 Rep	3/14/1995	8:25	Mid	1.3	0.6	19.74	7.97	7.14	31.65	48,408
14-5 Rep	3/14/1995	8:25	Bottom	1.3	1.1	19.77	7.97	7.07	31.69	48,488
16-1	3/15/1995	6:30	Surface	1.7	0.2	20.80	7.69	6.70	33.40	50,342
16-1	3/15/1995	6:30	Mid	1.7	0.8	20.80	7.73	6.66	33.11	50,404
16-1	3/15/1995	6:30	Bottom	1.7	1.5	20.84	7.72	5.80	33.30	50,692
16-2	3/15/1995	6:45	Surface	1.3	0.2	20.34	7.68	6.28	33.08	50,381
16-2	3/15/1995	6:45	Mid	1.3	0.6	20.32	7.73	6.17	33.20	50,545
16-2	3/15/1995	6:45	Bottom	1.3	1.1	20.13	7.72	6.05	33.81	51,370
16-3	3/15/1995	7:00	Surface	1.4	0.2	20.41	7.81	6.68	33.73	51,257
16-3	3/15/1995	7:00	Mid	1.4	0.7	20.40	7.82	6.62	33.87	51,448
16-3	3/15/1995	7:00	Bottom	1.4	1.2	20.28	7.82	6.48	34.23	51,937
16-4	3/15/1995	7:15	Surface	0.9	0.2	20.03	7.82	6.80	34.29	52,003
16-4	3/15/1995	7:15	Mid	0.9	0.4	20.04	7.83	6.75	34.35	52,091
16-4	3/15/1995	7:15	Bottom	0.9	0.7	20.05	7.84	6.72	34.36	52,106
16-5	3/15/1995	7:25	Surface	1.4	0.2	19.95	7.84	6.78	34.53	52,341
16-5	3/15/1995	7:25	Mid	1.4	0.7	19.95	7.85	6.73	34.56	52,372
16-5	3/15/1995	7:25	Bottom	1.4	1.2	19.95	7.86	6.74	34.57	52,385
LB-1	3/15/1995	7:45	Surface	3.0	0.2	21.03	7.84	6.40	26.92	41,829
LB-1	3/15/1995	7:45	Mid	3.0	1.0	21.26	7.90	6.41	27.36	42,531
LB-1	3/15/1995	7:45	Bottom	3.0	2.8	21.26	7.92	6.49	27.47	42,650
LB-2	3/15/1995	8:00	Surface	0.8	0.2	20.89	7.96	6.71	27.93	43,294
LB-2	3/15/1995	8:00	Mid	0.8	0.4	20.86	7.97	6.70	27.93	43,285
LB-2	3/15/1995	8:00	Bottom	0.8	0.6	20.84	7.97	6.70	27.91	43,250
LB-3	3/15/1995	8:10	Surface	1.0	0.2	20.59	8.03	6.54	29.81	45,889
LB-3	3/15/1995	8:10	Mid	1.0	0.5	20.60	8.04	6.50	29.82	45,905
LB-3	3/15/1995	8:10	Bottom	1.0	0.8	20.65	8.06	6.45	29.85	45,948
LB-4	3/15/1995	8:20	Surface	1.0	0.2	20.59	8.03	6.57	29.90	46,020
LB-4	3/15/1995	8:20	Mid	1.0	0.5	20.59	8.04	6.55	29.90	46,025
LB-4	3/15/1995	8:20	Bottom	1.0	0.8	20.59	8.04	6.56	29.91	46,027
LB-5	3/15/1995	8:30	Surface	2.2	0.2	20.25	8.03	7.02	32.70	49,849
LB-5	3/15/1995	8:30	Mid	2.2	1.0	20.25	8.05	6.95	32.77	49,935
LB-5	3/15/1995	8:30	Bottom	2.2	2.0	20.24	7.98	5.57	33.01	50,326
LB-5 Rep	3/15/1995	8:30	Surface	2.2	0.2	20.26	8.02	7.00	32.70	49,855
LB-5 Rep	3/15/1995	8:30	Mid	2.2	1.0	20.25	8.05	6.94	32.75	49,938
LB-5 Rep	3/15/1995	8:30	Bottom	2.2	2.0	20.24	7.98	5.55	33.00	50,318
ML-1	3/16/1995	7:00	Surface	2.7	0.2	21.17	7.33	7.37	2.12	3,987
ML-1	3/16/1995	7:00	Mid	2.7	1.0	21.17	7.36	7.30	2.18	4,101
ML-1	3/16/1995	7:00	Bottom	2.7	2.5	21.15	7.39	7.23	2.20	4,140
ML-2	3/16/1995	6:50	Surface	1.8	0.2	21.16	7.31	7.58	2.99	5,527
ML-2	3/16/1995	6:50	Mid	1.8	0.9	21.07	7.40	7.47	3.04	5,599
ML-2	3/16/1995	6:50	Bottom	1.8	1.6	21.00	7.43	7.36	3.07	5,656
ML-3	3/16/1995	6:40	Surface	2.5	0.2	21.05	7.50	7.39	3.76	6,843
ML-3	3/16/1995	6:40	Mid	2.5	1.0	21.11	7.49	7.34	3.91	7,088
ML-3	3/16/1995	6:40	Bottom	2.5	2.3	20.99	7.50	7.32	4.22	7,614
ML-4	3/16/1995	6:25	Surface	1.6	0.2	20.95	7.35	7.44	4.40	7,924
ML-4	3/16/1995	6:25	Mid	1.6	0.8	20.97	7.40	7.41	4.38	7,884
ML-4	3/16/1995	6:25	Bottom	1.6	1.4	20.93	7.44	7.36	4.38	7,886
ML-5	3/16/1995	6:10	Surface	1.2	0.2	20.90	7.28	7.41	5.96	10,503
ML-5	3/16/1995	6:10	Mid	1.2	0.6	20.93	7.38	7.35	5.95	10,486
ML-5	3/16/1995	6:10	Bottom	1.2	1.0	20.93	7.41	7.33	5.94	10,476
MU-1	3/16/1995	8:10	Surface	1.6	0.2	20.99	6.96	6.83	0.17	354
MU-1	3/16/1995	8:10	Mid	1.6	0.8	20.98	6.95	6.70	0.17	353
MU-1	3/16/1995	8:10	Bottom	1.6	1.4	20.98	6.95	6.64	0.17	353
MU-2	3/16/1995	7:50	Surface	3.1	0.2	21.20	7.06	6.91	0.18	385
MU-2	3/16/1995	7:50	Mid	3.1	1.0	21.21	7.07	6.84	0.18	385
MU-2	3/16/1995	7:50	Bottom	3.1	2.9	21.21	7.06	6.80	0.18	385

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
MU-3	3/16/1995	7:35	Surface	1.4	0.2	21.51	7.17	7.27	0.23	485
MU-3	3/16/1995	7:35	Mid	1.4	0.7	21.51	7.18	7.20	0.23	484
MU-3	3/16/1995	7:35	Bottom	1.4	1.2	21.51	7.20	7.14	0.23	483
MU-4	3/16/1995	7:25	Surface	1.2	0.2	21.43	7.22	7.34	0.34	702
MU-4	3/16/1995	7:25	Mid	1.2	0.6	21.43	7.28	7.21	0.34	701
MU-4	3/16/1995	7:25	Bottom	1.2	1.0	21.43	7.29	7.19	0.34	700
MU-5	3/16/1995	7:10	Surface	0.8	0.2	21.09	7.22	7.20	1.60	3,056
MU-5	3/16/1995	7:10	Mid	0.8	0.4	21.08	7.26	7.13	1.71	3,289
MU-5	3/16/1995	7:10	Bottom	0.8	0.6	21.07	7.30	7.09	1.76	3,349
MU-5 Rep	3/16/1995	7:10	Surface	0.8	0.2	21.10	7.21	7.18	1.61	3,062
MU-5 Rep	3/16/1995	7:10	Mid	0.8	0.4	21.08	7.26	7.15	1.72	3,291
MU-5 Rep	3/16/1995	7:10	Bottom	0.8	0.6	21.07	7.28	7.05	1.75	3,344
10-1	4/19/1995	6:40	Surface	3.6	0.2	25.62	7.88	6.68	34.84	52,870
10-1	4/19/1995	6:40	Mid	3.6	1.0	25.60	7.95	6.56	34.83	52,847
10-1	4/19/1995	6:40	Bottom	3.6	3.4	25.61	7.97	6.43	34.83	52,855
10-2	4/19/1995	7:15	Surface	3.3	0.2	25.73	7.91	6.71	34.98	53,059
10-2	4/19/1995	7:15	Mid	3.3	1.0	25.73	7.94	6.58	34.97	53,057
10-2	4/19/1995	7:15	Bottom	3.3	3.1	25.74	7.95	5.71	34.95	53,033
10-3	4/19/1995	6:55	Surface	4.4	0.2	25.51	7.89	5.74	34.98	53,043
10-3	4/19/1995	6:55	Mid	4.4	1.0	25.48	7.93	5.45	34.99	53,061
10-3	4/19/1995	6:55	Bottom	4.4	4.2	25.57	7.94	5.14	34.99	53,067
10-4	4/19/1995	7:30	Surface	2.2	0.2	25.93	7.94	5.84	34.97	53,050
10-4	4/19/1995	7:30	Mid	2.2	1.0	25.93	7.96	5.40	34.97	53,052
10-4	4/19/1995	7:30	Bottom	2.2	2.0	25.95	7.98	5.12	34.97	53,060
10-5	4/19/1995	7:45	Surface	1.1	0.2	25.69	7.90	5.20	34.92	52,980
10-5	4/19/1995	7:45	Mid	1.1	0.5	25.70	7.91	4.77	34.93	52,990
10-5	4/19/1995	7:45	Bottom	1.1	0.9	25.71	7.93	4.57	34.93	52,984
11-1	4/19/1995	6:20	Surface	3.8	0.2	26.28	7.91	7.02	34.65	52,632
11-1	4/19/1995	6:20	Mid	3.8	1.0	26.31	7.96	7.01	34.64	52,624
11-1	4/19/1995	6:20	Bottom	3.8	3.6	26.30	7.98	6.99	34.65	52,637
11-2	4/19/1995	8:35	Surface	3.6	0.2	26.11	8.01	4.39	34.68	52,675
11-2	4/19/1995	8:35	Mid	3.6	1.0	26.11	8.02	4.24	34.69	52,678
11-2	4/19/1995	8:35	Bottom	3.6	3.4	26.05	8.01	3.97	34.78	52,797
11-3	4/19/1995	8:25	Surface	3.0	0.2	26.17	8.01	4.53	34.59	52,550
11-3	4/19/1995	8:25	Mid	3.0	1.0	26.18	8.02	4.39	34.59	52,548
11-3	4/19/1995	8:25	Bottom	3.0	2.8	26.18	8.02	4.26	34.61	52,580
11-4	4/19/1995	8:10	Surface	2.2	0.2	25.88	7.99	4.75	34.92	52,984
11-4	4/19/1995	8:10	Mid	2.2	1.0	25.88	8.00	4.62	34.93	52,997
11-4	4/19/1995	8:10	Bottom	2.2	2.0	25.87	8.01	4.51	34.93	53,000
11-5	4/19/1995	8:00	Surface	3.0	0.2	25.98	7.94	5.31	34.00	51,739
11-5	4/19/1995	8:00	Mid	3.0	1.0	25.98	7.96	5.13	34.19	51,931
11-5	4/19/1995	8:00	Bottom	3.0	2.8	25.90	7.96	4.71	34.92	52,982
11-5 Rep	4/19/1995	8:00	Surface	3.0	0.2	25.98	7.95	5.33	33.98	51,709
11-5 Rep	4/19/1995	8:00	Mid	3.0	1.0	25.98	7.95	5.11	34.11	51,928
11-5 Rep	4/19/1995	8:00	Bottom	3.0	2.8	25.90	7.96	4.70	34.88	52,974
13-1	4/19/1995	6:30	Surface	1.4	0.2	26.18	7.85	5.96	33.86	51,592
13-1	4/19/1995	6:30	Mid	1.4	0.7	26.17	7.94	5.49	34.11	51,886
13-1	4/19/1995	6:30	Bottom	1.4	1.2	25.85	7.99	5.84	34.39	52,268
13-2	4/19/1995	6:45	Surface	1.1	0.2	26.00	7.96	6.00	31.52	48,392
13-2	4/19/1995	6:45	Mid	1.1	0.5	26.15	7.97	5.92	31.60	48,483
13-2	4/19/1995	6:45	Bottom	1.1	0.9	26.34	7.97	5.85	31.99	48,875
13-3	4/19/1995	7:05	Surface	2.2	0.2	26.34	7.92	5.58	31.37	48,310
13-3	4/19/1995	7:05	Mid	2.2	1.0	26.37	7.95	5.59	31.65	48,560
13-3	4/19/1995	7:05	Bottom	2.2	2.0	26.38	7.96	5.65	31.64	48,543
13-4	4/19/1995	7:20	Surface	2.5	0.2	26.04	7.88	4.69	31.30	48,067
13-4	4/19/1995	7:20	Mid	2.5	1.0	26.08	7.89	4.59	31.32	48,117
13-4	4/19/1995	7:20	Bottom	2.5	2.3	26.18	7.91	4.55	31.41	48,227
13-5	4/19/1995	7:30	Surface	2.4	0.2	26.18	7.98	5.45	30.79	47,366
13-5	4/19/1995	7:30	Mid	2.4	1.0	26.26	7.98	5.21	31.08	47,720
13-5	4/19/1995	7:30	Bottom	2.4	2.2	26.33	7.98	4.94	31.44	48,264
14-1	4/19/1995	7:40	Surface	1.3	0.2	26.24	7.97	4.90	30.77	47,339
14-1	4/19/1995	7:40	Mid	1.3	0.6	26.25	7.95	4.62	30.79	47,378
14-1	4/19/1995	7:40	Bottom	1.3	1.1	26.24	7.96	4.49	30.78	47,366
14-2	4/19/1995	7:50	Surface	2.0	0.2	26.20	8.05	5.40	30.73	47,290

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
14-2	4/19/1995	7:50	Mid	2.0	1.0	26.20	8.05	5.28	30.72	47,274
14-2	4/19/1995	7:50	Bottom	2.0	1.8	26.48	8.00	5.00	30.94	47,588
14-3	4/19/1995	8:00	Surface	1.1	0.2	26.36	8.01	4.74	30.75	47,039
14-3	4/19/1995	8:00	Mid	1.1	0.5	26.70	8.06	4.45	31.47	48,349
14-3	4/19/1995	8:00	Bottom	1.1	0.9	26.81	8.07	4.45	31.97	49,012
14-4	4/19/1995	8:10	Surface	1.8	0.2	25.95	8.09	4.78	32.37	49,524
14-4	4/19/1995	8:10	Mid	1.8	0.9	25.91	8.08	4.67	32.38	49,537
14-4	4/19/1995	8:10	Bottom	1.8	1.6	26.31	8.03	3.99	32.41	49,585
14-5	4/19/1995	8:20	Surface	0.8	0.2	26.12	7.99	3.79	33.60	51,209
14-5	4/19/1995	8:20	Mid	0.8	0.4	26.13	7.99	3.90	33.59	51,185
14-5	4/19/1995	8:20	Bottom	0.8	0.6	26.22	8.01	3.92	33.61	51,216
14-5 Rep	4/19/1995	8:20	Surface	0.8	0.2	26.12	7.99	3.79	33.60	51,209
14-5 Rep	4/19/1995	8:20	Mid	0.8	0.4	26.13	7.99	3.90	33.59	51,185
14-5 Rep	4/19/1995	8:20	Bottom	0.8	0.6	26.22	8.01	3.92	33.61	51,216
16-1	4/18/1995	8:40	Surface	4.2	0.2	25.61	7.96	4.01	33.49	51,038
16-1	4/18/1995	8:40	Mid	4.2	1.0	25.61	7.95	4.01	33.49	51,046
16-1	4/18/1995	8:40	Bottom	4.2	4.0	25.64	7.95	4.00	33.51	51,066
16-1 Rep	4/18/1995	8:40	Surface	4.2	0.2	25.61	7.96	4.01	33.49	51,038
16-1 Rep	4/18/1995	8:40	Mid	4.2	1.0	25.61	7.95	4.01	33.49	51,046
16-1 Rep	4/18/1995	8:40	Bottom	4.2	4.0	25.64	7.95	4.00	33.51	51,066
16-2	4/18/1995	8:30	Surface	1.9	0.2	25.55	7.93	4.51	33.64	51,248
16-2	4/18/1995	8:30	Mid	1.9	0.9	25.51	7.94	4.38	33.64	51,234
16-2	4/18/1995	8:30	Bottom	1.9	1.7	25.49	7.94	4.30	33.64	51,240
16-3	4/18/1995	8:20	Surface	2.0	0.2	25.20	7.96	5.74	34.13	51,902
16-3	4/18/1995	8:20	Mid	2.0	1.0	25.19	7.98	5.57	34.07	51,819
16-3	4/18/1995	8:20	Bottom	2.0	1.8	25.27	7.97	5.37	34.37	52,206
16-4	4/18/1995	8:10	Surface	1.2	0.2	25.03	7.95	5.84	34.45	52,328
16-4	4/18/1995	8:10	Mid	1.2	0.6	25.04	7.96	5.60	34.46	52,339
16-4	4/18/1995	8:10	Bottom	1.2	1.0	25.07	7.98	5.46	34.48	52,362
16-5	4/18/1995	8:00	Surface	3.0	0.2	24.75	7.92	6.30	34.88	52,899
16-5	4/18/1995	8:00	Mid	3.0	1.0	24.74	7.94	6.10	34.88	52,898
16-5	4/18/1995	8:00	Bottom	3.0	2.8	24.74	7.95	5.81	34.90	52,917
LB-1	4/18/1995	7:25	Surface	3.4	0.2	26.53	7.57	4.25	29.62	45,772
LB-1	4/18/1995	7:25	Mid	3.4	1.0	26.52	7.60	4.18	29.61	45,764
LB-1	4/18/1995	7:25	Bottom	3.4	3.2	26.50	7.60	4.12	29.63	45,788
LB-2	4/18/1995	7:15	Surface	3.0	0.2	26.16	7.71	4.61	30.25	46,628
LB-2	4/18/1995	7:15	Mid	3.0	1.0	26.16	7.72	4.54	30.23	46,598
LB-2	4/18/1995	7:15	Bottom	3.0	2.8	26.26	7.74	4.41	30.24	46,623
LB-3	4/18/1995	7:00	Surface	3.0	0.2	25.48	7.80	5.50	30.79	47,357
LB-3	4/18/1995	7:00	Mid	3.0	1.0	25.32	7.83	5.41	30.76	47,311
LB-3	4/18/1995	7:00	Bottom	3.0	2.8	25.83	7.88	4.66	31.39	48,236
LB-4	4/18/1995	6:45	Surface	2.0	0.2	25.61	7.94	5.71	33.04	50,427
LB-4	4/18/1995	6:45	Mid	2.0	1.0	25.62	7.98	5.64	33.04	50,426
LB-4	4/18/1995	6:45	Bottom	2.0	1.8	25.80	8.03	5.54	33.44	50,978
LB-5	4/18/1995	6:30	Surface	0.8	0.2	25.26	7.98	4.74	33.59	51,159
LB-5	4/18/1995	6:30	Mid	0.8	0.4	25.30	8.02	5.07	33.56	51,152
LB-5	4/18/1995	6:30	Bottom	0.8	0.6	25.33	8.04	5.10	33.62	51,175
ML-1	4/17/1995	7:35	Surface	1.8	0.2	25.61	7.43	6.43	4.27	7,752
ML-1	4/17/1995	7:35	Mid	1.8	0.9	25.75	7.41	6.22	5.05	9,125
ML-1	4/17/1995	7:35	Bottom	1.8	1.6	25.65	7.43	6.24	4.99	8,942
ML-2	4/17/1995	7:50	Surface	2.7	0.2	25.23	7.51	6.41	6.56	11,534
ML-2	4/17/1995	7:50	Mid	2.7	1.0	25.40	7.50	6.28	7.19	12,555
ML-2	4/17/1995	7:50	Bottom	2.7	2.5	25.37	7.51	6.23	7.59	13,205
ML-3	4/17/1995	8:00	Surface	1.0	0.2	25.56	7.55	6.61	5.08	9,109
ML-3	4/17/1995	8:00	Mid	1.0	0.5	25.53	7.48	6.52	6.50	11,513
ML-3	4/17/1995	8:00	Bottom	1.0	0.8	25.49	7.47	6.04	7.33	12,775
ML-4	4/17/1995	8:10	Surface	3.1	0.2	25.43	7.51	6.38	6.14	10,761
ML-4	4/17/1995	8:10	Mid	3.1	1.0	25.25	7.51	6.37	6.60	11,615
ML-4	4/17/1995	8:10	Bottom	3.1	2.9	25.26	7.53	6.29	7.92	13,729
ML-5	4/17/1995	8:20	Surface	1.7	0.2	25.22	7.56	6.46	8.22	14,203
ML-5	4/17/1995	8:20	Mid	1.7	0.8	25.23	7.56	6.37	8.28	14,305
ML-5	4/17/1995	8:20	Bottom	1.7	1.5	25.23	7.57	6.23	8.31	14,350
ML-5 Rep	4/17/1995	8:20	Surface	1.7	0.2	25.22	7.56	6.46	8.22	14,203
ML-5 Rep	4/17/1995	8:20	Mid	1.7	0.8	25.23	7.56	6.37	8.28	14,305

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
ML-5 Rep	4/17/1995	8:20	Bottom	1.7	1.5	25.23	7.57	6.23	8.31	14,350
MU-1	4/17/1995	6:15	Surface	2.9	0.2	25.57	7.14	6.02	0.18	382
MU-1	4/17/1995	6:15	Mid	2.9	1.0	25.60	7.09	5.91	0.18	383
MU-1	4/17/1995	6:15	Bottom	2.9	2.7	25.56	7.06	5.89	0.18	383
MU-2	4/17/1995	6:30	Surface	2.1	0.2	25.63	7.18	6.21	0.20	421
MU-2	4/17/1995	6:30	Mid	2.1	1.0	25.65	7.14	6.19	0.20	419
MU-2	4/17/1995	6:30	Bottom	2.1	1.9	25.65	7.14	6.17	0.20	413
MU-3	4/17/1995	6:45	Surface	1.2	0.2	25.60	7.14	6.29	0.22	463
MU-3	4/17/1995	6:45	Mid	1.2	0.6	25.64	7.16	6.27	0.22	465
MU-3	4/17/1995	6:45	Bottom	1.2	1.0	25.64	7.16	6.27	0.22	465
MU-4	4/17/1995	7:00	Surface	1.3	0.2	25.64	7.26	6.32	1.13	2,238
MU-4	4/17/1995	7:00	Mid	1.3	0.6	25.67	7.28	6.29	1.48	2,862
MU-4	4/17/1995	7:00	Bottom	1.3	1.1	25.68	7.29	6.28	1.53	2,955
MU-5	4/17/1995	7:10	Surface	1.0	0.2	25.47	7.32	6.30	2.31	4,359
MU-5	4/17/1995	7:10	Mid	1.0	0.5	25.59	7.31	6.20	2.63	4,911
MU-5	4/17/1995	7:10	Bottom	1.0	0.8	25.60	7.32	6.21	2.58	4,840
10-1	5/15/1995	7:20	Surface	2.5	0.2	29.70	8.03	3.64	35.63	54,092
10-1	5/15/1995	7:20	Mid	2.5	1.0	29.71	8.04	3.57	35.62	54,081
10-1	5/15/1995	7:20	Bottom	2.5	2.3	29.70	8.05	3.51	35.62	54,087
10-2	5/15/1995	7:40	Surface	5.0	0.2	29.46	8.00	3.27	35.62	54,069
10-2	5/15/1995	7:40	Mid	5.0	1.0	29.47	8.02	3.21	35.62	54,070
10-2	5/15/1995	7:40	Bottom	5.0	4.8	29.44	8.03	3.11	35.63	54,082
10-3	5/15/1995	7:30	Surface	3.0	0.2	29.59	8.03	3.55	35.60	54,064
10-3	5/15/1995	7:30	Mid	3.0	1.0	29.59	8.04	3.46	35.62	54,078
10-3	5/15/1995	7:30	Bottom	3.0	2.8	29.60	8.05	3.40	35.62	54,082
10-3 rep	5/15/1995	7:35	Surface	3.0	0.2	29.60	8.02	3.58	35.61	54,066
10-3 rep	5/15/1995	7:35	Mid	3.0	1.0	29.59	8.03	3.50	35.62	54,078
10-3 rep	5/15/1995	7:35	Bottom	3.0	2.8	29.60	8.05	3.41	35.62	54,082
10-4	5/15/1995	7:50	Surface	2.1	0.2	29.88	8.07	3.01	35.54	53,980
10-4	5/15/1995	7:50	Mid	2.1	1.0	29.86	8.07	3.00	35.54	53,982
10-4	5/15/1995	7:50	Bottom	2.1	1.9	29.86	8.07	2.93	35.54	53,987
10-5	5/15/1995	8:10	Surface	3.4	0.2	29.97	8.07	3.06	35.48	53,899
10-5	5/15/1995	8:10	Mid	3.4	0.5	30.01	8.09	3.02	35.50	53,940
10-5	5/15/1995	8:10	Bottom	3.4	3.2	30.01	8.10	2.99	35.49	53,946
11-1	5/15/1995	7:10	Surface	3.7	0.2	30.02	8.11	5.14	35.36	53,747
11-1	5/15/1995	7:10	Mid	3.7	1.0	30.04	8.12	5.04	35.36	53,754
11-1	5/15/1995	7:10	Bottom	3.7	3.5	30.04	8.12	4.70	35.37	53,758
11-2	5/15/1995	7:00	Surface	3.4	0.2	29.71	8.09	5.30	35.55	53,988
11-2	5/15/1995	7:00	Mid	3.4	1.0	29.72	8.10	5.02	35.55	53,990
11-2	5/15/1995	7:00	Bottom	3.4	3.2	29.71	8.11	4.83	35.55	53,991
11-3	5/15/1995	6:50	Surface	3.4	0.2	29.99	8.05	6.17	35.14	53,454
11-3	5/15/1995	6:50	Mid	3.4	1.0	29.96	8.08	5.78	35.40	53,799
11-3	5/15/1995	6:50	Bottom	3.4	3.2	29.82	8.09	5.16	35.59	54,042
11-4	5/15/1995	6:35	Surface	4.0	0.2	30.13	8.00	6.21	35.15	53,478
11-4	5/15/1995	6:35	Mid	4.0	1.0	30.14	8.04	6.14	35.18	53,508
11-4	5/15/1995	6:35	Bottom	4.0	3.8	30.20	8.06	5.67	35.54	53,999
11-5	5/15/1995	6:20	Surface	2.9	0.2	30.25	7.91	5.28	34.23	52,231
11-5	5/15/1995	6:20	Mid	2.9	1.0	30.36	8.01	5.45	34.88	53,110
11-5	5/15/1995	6:20	Bottom	2.9	2.7	30.10	8.05	5.78	35.58	54,053
13-1	5/16/1995	6:40	Surface	2.0	0.2	30.02	7.87	5.78	34.25	52,257
13-1	5/16/1995	6:40	Mid	2.0	1.0	30.06	7.89	5.72	34.27	52,281
13-1	5/16/1995	6:40	Bottom	2.0	1.8	30.20	7.92	5.63	34.44	52,511
13-2	5/16/1995	6:55	Surface	2.3	0.2	30.04	7.90	5.96	33.89	51,768
13-2	5/16/1995	6:55	Mid	2.3	1.0	30.15	7.91	5.88	33.94	51,833
13-2	5/16/1995	6:55	Bottom	2.3	2.1	30.16	7.92	5.89	33.94	51,841
13-3	5/16/1995	7:10	Surface	1.0	0.2	29.11	7.75	5.29	32.85	50,330
13-3	5/16/1995	7:10	Mid	1.0	0.5	29.55	7.80	4.66	32.83	50,295
13-3	5/16/1995	7:10	Bottom	1.0	0.8	29.56	7.80	4.73	32.86	50,328
13-4	5/16/1995	7:25	Surface	1.0	0.2	29.98	7.77	5.18	32.61	50,013
13-4	5/16/1995	7:25	Mid	1.0	0.5	29.96	7.81	5.19	32.66	50,084
13-4	5/16/1995	7:25	Bottom	1.0	0.8	29.76	7.79	4.91	32.75	50,169
13-5	5/16/1995	7:40	Surface	2.3	0.2	30.04	7.84	5.66	32.56	49,956
13-5	5/16/1995	7:40	Mid	2.3	1.0	30.03	7.86	5.81	32.56	49,961
13-5	5/16/1995	7:40	Bottom	2.3	2.1	30.04	7.87	5.84	32.56	49,949

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
14-1	5/16/1995	7:55	Surface	2.0	0.2	30.10	7.85	5.62	32.66	50,087
14-1	5/16/1995	7:55	Mid	2.0	1.0	30.06	7.87	5.59	32.61	50,022
14-1	5/16/1995	7:55	Bottom	2.0	1.8	30.06	7.86	5.48	32.60	49,997
14-2	5/16/1995	8:05	Surface	1.6	0.2	28.94	7.83	5.07	33.04	50,545
14-2	5/16/1995	8:05	Mid	1.6	0.8	28.65	7.82	4.36	33.04	50,542
14-2	5/16/1995	8:05	Bottom	1.6	1.4	28.57	7.81	4.81	33.05	50,568
14-3	5/16/1995	8:15	Surface	3.7	0.2	29.95	7.97	6.42	33.20	50,809
14-3	5/16/1995	8:15	Mid	3.7	1.0	29.95	8.00	6.21	33.19	50,806
14-3	5/16/1995	8:15	Bottom	3.7	3.5	29.95	8.02	6.09	33.29	50,964
14-4	5/16/1995	8:25	Surface	2.4	0.2	30.41	8.05	6.69	33.72	51,544
14-4	5/16/1995	8:25	Mid	2.4	1.0	30.29	8.05	6.24	33.73	51,555
14-4	5/16/1995	8:25	Bottom	2.4	2.2	30.36	8.02	5.44	30.07	49,321
14-5	5/16/1995	8:35	Surface	1.9	0.2	29.70	8.03	6.32	35.13	53,419
14-5	5/16/1995	8:35	Mid	1.9	0.9	29.71	8.03	6.41	35.15	53,459
14-5	5/16/1995	8:35	Bottom	1.9	1.7	29.79	8.03	6.43	35.24	53,570
14-5 rep	5/16/1995	8:40	Surface	1.9	0.2	29.70	8.03	6.30	35.14	53,428
14-5 rep	5/16/1995	8:40	Mid	1.9	0.9	29.72	8.03	6.38	35.15	53,459
14-5 rep	5/16/1995	8:40	Bottom	1.9	1.7	29.79	8.03	6.40	35.20	53,511
16-1	5/17/1995	6:40	Surface	1.2	0.2	29.74	7.97	5.96	35.43	53,836
16-1	5/17/1995	6:40	Mid	1.2	0.6	29.75	7.98	5.97	35.51	53,936
16-1	5/17/1995	6:40	Bottom	1.2	1.0	29.77	7.98	5.88	35.45	53,877
16-2	5/17/1995	6:55	Surface	1.5	0.2	29.49	7.93	6.13	35.73	54,226
16-2	5/17/1995	6:55	Mid	1.5	0.7	29.52	7.96	6.13	35.75	54,246
16-2	5/17/1995	6:55	Bottom	1.5	1.3	29.53	7.97	5.99	35.76	54,267
16-3	5/17/1995	7:05	Surface	1.7	0.2	29.36	7.90	4.91	35.48	53,877
16-3	5/17/1995	7:05	Mid	1.7	0.7	29.46	7.94	4.89	35.55	53,977
16-3	5/17/1995	7:05	Bottom	1.7	1.5	29.49	7.97	5.60	35.71	54,192
16-4	5/17/1995	7:15	Surface	1.8	0.2	29.21	7.91	5.01	35.66	54,091
16-4	5/17/1995	7:15	Mid	1.8	0.9	29.29	7.96	5.31	35.70	54,181
16-4	5/17/1995	7:15	Bottom	1.8	1.6	29.31	7.99	5.88	35.79	54,296
16-5	5/17/1995	7:25	Surface	1.3	0.2	29.29	7.95	5.71	35.77	54,291
16-5	5/17/1995	7:25	Mid	1.3	0.6	29.34	7.97	5.68	35.77	54,273
16-5	5/17/1995	7:25	Bottom	1.3	1.1	29.36	7.99	5.90	35.80	54,316
LB-1	5/17/1995	8:20	Surface	0.9	0.2	29.95	7.67	4.59	33.70	51,484
LB-1	5/17/1995	8:20	Mid	0.9	0.4	29.87	7.70	4.59	33.73	51,541
LB-1	5/17/1995	8:20	Bottom	0.9	0.7	29.86	7.70	4.53	33.73	51,543
LB-2	5/17/1995	8:30	Surface	0.8	0.2	29.97	7.62	4.23	33.60	51,375
LB-2	5/17/1995	8:30	Mid	0.8	0.4	29.84	7.65	4.40	33.59	51,348
LB-2	5/17/1995	8:30	Bottom	0.8	0.6	29.65	7.65	4.39	33.60	51,355
LB-3	5/17/1995	8:45	Surface	1.7	0.2	29.75	7.77	5.63	34.50	52,582
LB-3	5/17/1995	8:45	Mid	1.7	0.8	29.68	7.79	4.93	34.52	52,593
LB-3	5/17/1995	8:45	Bottom	1.7	1.5	29.77	7.82	5.32	34.77	52,945
LB-4	5/17/1995	8:55	Surface	1.7	0.2	29.31	7.82	3.42	35.31	53,649
LB-4	5/17/1995	8:55	Mid	1.7	0.7	29.15	7.82	3.51	35.26	53,571
LB-4	5/17/1995	8:55	Bottom	1.7	1.5	29.14	7.82	3.50	35.26	53,572
LB-5	5/17/1995	9:10	Surface	2.5	0.2	29.77	8.12	5.43	36.00	54,597
LB-5	5/17/1995	9:10	Mid	2.5	1.0	29.75	8.12	5.54	36.00	54,591
LB-5	5/17/1995	9:10	Bottom	2.5	2.3	29.68	8.12	5.28	35.98	54,568
LB-5 rep	5/17/1995	9:15	Surface	2.5	0.2	29.80	8.11	5.45	35.98	54,565
LB-5 rep	5/17/1995	9:15	Mid	2.5	1.0	29.78	8.11	5.55	35.99	54,569
LB-5 rep	5/17/1995	9:15	Bottom	2.5	2.3	29.69	8.12	5.37	35.98	54,568
ML-1	5/18/1995	8:00	Surface	2.8	0.2	29.85	7.01	7.93	4.33	7,869
ML-1	5/18/1995	8:00	Mid	2.8	1.0	29.86	7.03	7.67	4.60	8,347
ML-1	5/18/1995	8:00	Bottom	2.8	2.6	29.72	7.05	7.52	4.58	8,311
ML-2	5/18/1995	8:10	Surface	0.8	0.2	30.05	7.17	8.36	6.64	11,733
ML-2	5/18/1995	8:10	Mid	0.8	0.4	30.05	7.18	8.35	6.96	12,246
ML-2	5/18/1995	8:10	Bottom	0.8	0.6	30.04	7.19	8.29	7.04	12,369
ML-3	5/18/1995	8:25	Surface	1.0	0.2	30.12	7.22	8.56	6.99	12,299
ML-3	5/18/1995	8:25	Mid	1.0	0.5	29.88	7.22	8.23	8.43	14,627
ML-3	5/18/1995	8:25	Bottom	1.0	0.8	29.88	7.04	7.62	8.44	14,639
ML-4	5/18/1995	8:50	Surface	2.0	0.2	29.87	7.29	8.80	8.80	15,246
ML-4	5/18/1995	8:50	Mid	2.0	1.0	29.86	7.30	8.51	9.76	16,725
ML-4	5/18/1995	8:50	Bottom	2.0	1.8	29.85	7.29	8.47	9.76	16,732
ML-5	5/18/1995	9:05	Surface	1.4	0.2	30.02	7.34	9.08	11.23	19,042

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
ML-5	5/18/1995	9:05	Mid	1.4	0.7	29.99	7.35	8.81	11.33	19,187
ML-5	5/18/1995	9:05	Bottom	1.4	1.2	29.97	7.35	8.73	11.35	19,227
ML-5 rep	5/18/1995	9:10	Surface	1.4	0.2	30.00	7.35	9.05	11.29	19,097
ML-5 rep	5/18/1995	9:10	Mid	1.4	0.7	29.99	7.35	8.84	11.33	19,187
ML-5 rep	5/18/1995	9:10	Bottom	1.4	1.2	29.95	7.35	8.71	11.35	19,227
MU-1	5/18/1995	6:40	Surface	1.5	0.2	30.21	7.06	9.53	0.21	443
MU-1	5/18/1995	6:40	Mid	1.5	0.7	30.11	7.05	9.48	0.21	442
MU-1	5/18/1995	6:40	Bottom	1.5	1.3	30.14	7.04	9.40	0.21	443
MU-2	5/18/1995	7:00	Surface	2.5	0.2	30.19	7.04	8.59	0.21	441
MU-2	5/18/1995	7:00	Mid	2.5	1.0	30.21	7.02	8.71	0.21	440
MU-2	5/18/1995	7:00	Bottom	2.5	2.3	30.14	7.03	8.78	0.21	439
MU-3	5/18/1995	7:10	Surface	3.0	0.2	30.17	7.05	8.58	0.21	442
MU-3	5/18/1995	7:10	Mid	3.0	0.6	30.18	7.05	8.73	0.21	443
MU-3	5/18/1995	7:10	Bottom	3.0	2.8	30.20	7.02	8.75	0.21	442
MU-4	5/18/1995	7:30	Surface	0.8	0.2	29.92	7.06	8.33	0.50	1,027
MU-4	5/18/1995	7:30	Mid	0.8	0.4	29.95	7.05	8.40	0.48	976
MU-4	5/18/1995	7:30	Bottom	0.8	0.6	29.95	7.04	8.41	0.49	1,007
MU-5	5/18/1995	7:45	Surface	1.9	0.2	29.80	7.04	8.17	1.02	2,021
MU-5	5/18/1995	7:45	Mid	1.9	0.9	29.80	7.03	8.13	1.17	2,229
MU-5	5/18/1995	7:45	Bottom	1.9	1.7	29.86	7.03	8.08	1.43	2,793
10-1	6/19/1995	8:00	Surface	4.0	0.2	27.47	7.91	5.49	33.24	50,836
10-1	6/19/1995	8:00	Mid	4.0	1.0	27.48	7.93	5.44	33.30	50,852
10-1	6/19/1995	8:00	Bottom	4.0	3.8	27.48	7.93	5.40	33.32	50,882
10-2	6/19/1995	7:15	Surface	1.9	0.2	27.51	7.92	5.98	33.60	51,264
10-2	6/19/1995	7:15	Mid	1.9	0.9	27.63	7.93	5.77	33.80	51,537
10-2	6/19/1995	7:15	Bottom	1.9	1.7	27.68	7.92	5.38	33.94	51,737
10-3	6/19/1995	7:00	Surface	2.0	0.2	27.46	7.86	5.91	33.58	51,230
10-3	6/19/1995	7:00	Mid	2.0	1.0	27.50	7.92	5.87	33.59	51,247
10-3	6/19/1995	7:00	Bottom	2.0	1.8	27.52	7.93	5.83	33.60	51,260
10-4	6/19/1995	6:45	Surface	3.0	0.2	27.58	7.84	5.39	33.37	50,946
10-4	6/19/1995	6:45	Mid	3.0	1.0	27.58	7.84	5.35	33.37	50,950
10-4	6/19/1995	6:45	Bottom	3.0	2.8	27.60	7.84	5.32	33.30	50,968
10-5	6/19/1995	6:30	Surface	2.5	0.2	27.76	7.86	5.75	33.90	51,672
10-5	6/19/1995	6:30	Mid	2.5	1.0	27.80	7.90	5.71	33.93	51,713
10-5	6/19/1995	6:30	Bottom	2.5	2.3	27.79	7.91	5.68	33.94	51,730
11-1	6/19/1995	8:15	Surface	2.6	0.2	27.61	7.97	5.63	33.19	50,708
11-1	6/19/1995	8:15	Mid	2.6	1.0	27.61	8.00	5.61	33.19	50,712
11-1	6/19/1995	8:15	Bottom	2.6	2.4	27.61	8.01	5.58	33.19	50,710
11-2	6/19/1995	7:45	Surface	3.5	0.2	27.26	7.87	5.30	35.55	51,182
11-2	6/19/1995	7:45	Mid	3.5	1.0	27.27	7.88	5.31	33.66	51,331
11-2	6/19/1995	7:45	Bottom	3.5	3.3	27.36	7.91	5.38	33.69	51,373
11-3	6/19/1995	7:30	Surface	3.0	0.2	27.69	7.89	5.60	33.36	50,947
11-3	6/19/1995	7:30	Mid	3.0	1.0	27.70	7.91	5.62	33.38	50,974
11-3	6/19/1995	7:30	Bottom	3.0	2.8	27.73	7.90	5.52	33.41	51,000
11-4	6/19/1995	6:00	Surface	3.7	0.2	27.74	7.71	5.74	33.36	50,938
11-4	6/19/1995	6:00	Mid	3.7	1.0	27.78	7.77	5.68	33.39	50,990
11-4	6/19/1995	6:00	Bottom	3.7	3.5	27.78	7.80	5.58	33.42	51,031
11-5	6/19/1995	6:15	Surface	2.5	0.2	27.40	7.81	5.59	33.00	50,434
11-5	6/19/1995	6:15	Mid	2.5	1.0	27.72	7.85	5.58	33.53	51,174
11-5	6/19/1995	6:15	Bottom	2.5	2.3	27.87	7.86	5.54	33.70	51,415
13-1	6/20/1995	6:00	Surface	3.3	0.2	28.36	7.71	6.42	32.12	49,287
13-1	6/20/1995	6:00	Mid	3.3	1.0	28.40	7.76	6.11	32.56	49,888
13-1	6/20/1995	6:00	Bottom	3.3	3.1	28.42	7.79	5.90	32.64	50,001
13-2	6/20/1995	6:15	Surface	2.0	0.2	28.45	7.87	6.83	27.92	43,465
13-2	6/20/1995	6:15	Mid	2.0	1.0	29.05	7.84	5.69	31.18	48,045
13-2	6/20/1995	6:15	Bottom	2.0	1.8	28.90	7.87	5.83	32.13	49,317
13-3	6/20/1995	6:30	Surface	1.4	0.2	29.37	7.81	5.63	28.25	43,966
13-3	6/20/1995	6:30	Mid	1.4	0.7	29.29	7.89	6.22	29.21	45,312
13-3	6/20/1995	6:30	Bottom	1.4	1.2	29.29	7.90	6.10	29.22	45,333
13-4	6/20/1995	6:50	Surface	1.2	0.2	28.81	7.73	5.20	27.24	42,546
13-4	6/20/1995	6:50	Mid	1.2	0.6	28.95	7.81	5.32	27.80	43,323
13-4	6/20/1995	6:50	Bottom	1.2	1.0	29.02	7.84	5.38	28.14	43,816
13-5	6/20/1995	7:05	Surface	2.3	0.2	28.59	7.87	5.82	26.47	41,450
13-5	6/20/1995	7:05	Mid	2.3	1.0	28.92	7.90	5.88	27.00	42,214

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
13-5	6/20/1995	7:05	Bottom	2.3	2.1	29.05	7.89	5.68	27.31	42,653
14-1	6/20/1995	7:20	Surface	1.6	0.2	28.31	8.04	6.94	26.47	41,452
14-1	6/20/1995	7:20	Mid	1.6	0.8	28.33	8.06	6.92	26.47	41,444
14-1	6/20/1995	7:20	Bottom	1.6	1.4	28.34	8.07	6.88	26.47	41,449
14-2	6/20/1995	7:30	Surface	1.8	0.2	28.46	8.09	6.94	26.42	41,380
14-2	6/20/1995	7:30	Mid	1.8	0.9	28.48	8.10	6.87	26.42	41,383
14-2	6/20/1995	7:30	Bottom	1.8	1.6	28.43	8.01	5.47	26.43	41,400
14-3	6/20/1995	7:40	Surface	0.6	0.2	28.34	8.21	6.70	26.22	41,099
14-3	6/20/1995	7:40	Mid	0.6	0.3	28.36	8.22	6.69	26.24	41,121
14-3	6/20/1995	7:40	Bottom	0.6	0.4	28.39	8.22	6.65	26.23	41,104
14-4	6/20/1995	7:55	Surface	1.5	0.2	28.20	8.22	7.17	27.05	43,654
14-4	6/20/1995	7:55	Mid	1.5	0.7	28.21	8.24	7.13	28.05	43,647
14-4	6/20/1995	7:55	Bottom	1.5	1.3	28.21	8.24	7.09	28.05	43,655
14-5	6/20/1995	8:05	Surface	1.7	0.2	28.32	8.16	5.83	28.28	43,975
14-5	6/20/1995	8:05	Mid	1.7	0.8	28.30	8.17	5.80	28.31	44,017
14-5	6/20/1995	8:05	Bottom	1.7	1.5	28.52	8.10	4.78	28.60	44,429
16-1	6/21/1995	8:35	Surface	1.6	0.2	27.58	7.88	4.40	29.48	45,611
16-1	6/21/1995	8:35	Mid	1.6	0.8	28.05	7.88	4.40	30.52	47,069
16-1	6/21/1995	8:35	Bottom	1.6	1.4	28.11	7.89	4.40	30.61	47,184
16-2	6/21/1995	8:15	Surface	4.0	0.2	27.85	7.92	4.91	30.92	47,621
16-2	6/21/1995	8:15	Mid	4.0	1.0	28.32	7.90	4.58	31.06	47,841
16-2	6/21/1995	8:15	Bottom	4.0	3.8	28.16	7.90	4.82	32.91	50,345
16-3	6/21/1995	8:05	Surface	1.9	0.2	27.81	7.92	5.58	30.65	47,241
16-3	6/21/1995	8:05	Mid	1.9	0.9	28.16	7.89	4.91	31.37	48,241
16-3	6/21/1995	8:05	Bottom	1.9	1.7	28.08	7.84	4.70	33.43	51,050
16-4	6/21/1995	7:50	Surface	2.2	0.2	27.88	7.86	4.93	33.04	50,557
16-4	6/21/1995	7:50	Mid	2.2	1.0	28.04	7.87	5.03	33.68	51,394
16-4	6/21/1995	7:50	Bottom	2.2	2.0	28.06	7.88	5.06	33.73	51,451
16-5	6/21/1995	7:35	Surface	1.3	0.2	27.99	7.80	5.14	33.70	51,409
16-5	6/21/1995	7:35	Mid	1.3	0.6	28.04	7.83	5.11	33.72	51,437
16-5	6/21/1995	7:35	Bottom	1.3	1.1	28.04	7.85	5.07	33.73	51,449
LB-1	6/21/1995	7:00	Surface	2.8	0.2	28.11	7.59	4.66	26.91	42,142
LB-1	6/21/1995	7:00	Mid	2.8	1.0	28.54	7.61	4.59	27.83	43,369
LB-1	6/21/1995	7:00	Bottom	2.8	2.6	28.55	7.62	4.56	27.90	43,449
LB-2	6/21/1995	6:45	Surface	1.6	0.2	26.58	7.59	4.77	24.40	38,401
LB-2	6/21/1995	6:45	Mid	1.6	0.8	29.25	7.54	3.75	27.94	43,554
LB-2	6/21/1995	6:45	Bottom	1.6	1.4	29.46	7.52	2.80	28.47	44,333
LB-3	6/21/1995	6:30	Surface	1.1	0.2	27.28	7.64	4.15	28.08	43,664
LB-3	6/21/1995	6:30	Mid	1.1	0.5	27.27	7.67	4.10	28.10	43,684
LB-3	6/21/1995	6:30	Bottom	1.1	0.9	27.28	7.67	4.04	28.10	43,690
LB-4	6/21/1995	6:10	Surface	2.0	0.2	27.34	7.78	4.78	30.69	47,306
LB-4	6/21/1995	6:10	Mid	2.0	1.0	27.39	7.82	4.66	30.81	47,441
LB-4	6/21/1995	6:10	Bottom	2.0	1.8	27.42	7.80	4.34	30.94	47,616
LB-5	6/21/1995	6:00	Surface	2.6	0.2	27.87	7.80	4.55	32.66	50,004
LB-5	6/21/1995	6:00	Mid	2.6	1.0	27.91	7.84	4.49	32.68	50,026
LB-5	6/21/1995	6:00	Bottom	2.6	2.4	27.90	7.86	4.38	32.70	50,055
ML-1	6/22/1995	7:25	Surface	1.8	0.2	26.01	6.68	4.07	0.52	1,063
ML-1	6/22/1995	7:25	Mid	1.8	0.9	26.02	6.71	3.98	0.54	1,090
ML-1	6/22/1995	7:25	Bottom	1.8	1.6	26.00	6.72	3.96	0.53	1,071
ML-2	6/22/1995	7:40	Surface	1.5	0.2	26.18	6.77	4.47	0.73	1,454
ML-2	6/22/1995	7:40	Mid	1.5	0.7	26.20	6.79	4.43	0.73	1,452
ML-2	6/22/1995	7:40	Bottom	1.5	1.3	26.19	6.79	4.42	0.72	1,432
ML-3	6/22/1995	7:50	Surface	1.1	0.2	26.39	6.82	4.64	0.85	1,685
ML-3	6/22/1995	7:50	Mid	1.1	0.5	26.06	6.86	4.79	0.83	1,655
ML-3	6/22/1995	7:50	Bottom	1.1	0.9	26.28	6.86	4.68	0.83	1,650
ML-4	6/22/1995	8:10	Surface	1.7	0.2	26.20	6.94	4.96	1.49	2,902
ML-4	6/22/1995	8:10	Mid	1.7	0.8	26.06	6.96	4.95	1.57	3,026
ML-4	6/22/1995	8:10	Bottom	1.7	1.5	26.14	6.97	4.90	1.56	3,003
ML-5	6/22/1995	8:25	Surface	1.3	0.2	25.69	6.99	5.73	2.89	5,356
ML-5	6/22/1995	8:25	Mid	1.3	0.6	25.68	7.08	5.79	3.01	5,590
ML-5	6/22/1995	8:25	Bottom	1.3	1.1	25.67	7.10	5.79	3.07	5,693
MU-1	6/22/1995	6:05	Surface	1.6	0.2	26.61	6.52	2.78	0.18	376
MU-1	6/22/1995	6:05	Mid	1.6	0.8	26.63	6.52	2.72	0.18	375
MU-1	6/22/1995	6:05	Bottom	1.6	1.4	26.63	6.51	2.69	0.18	376

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
MU-2	6/22/1995	6:20	Surface	2.0	0.2	26.55	6.52	2.67	0.18	377
MU-2	6/22/1995	6:20	Mid	2.0	1.0	26.57	6.53	2.63	0.18	377
MU-2	6/22/1995	6:20	Bottom	2.0	1.8	26.57	6.53	2.60	0.18	377
MU-3	6/22/1995	6:40	Surface	1.6	0.2	26.64	6.56	2.63	0.18	378
MU-3	6/22/1995	6:40	Mid	1.6	0.8	26.64	6.56	2.61	0.18	381
MU-3	6/22/1995	6:40	Bottom	1.6	1.4	26.64	6.55	2.54	0.18	382
MU-4	6/22/1995	6:55	Surface	1.0	0.2	26.50	6.61	2.85	0.18	388
MU-4	6/22/1995	6:55	Mid	1.0	0.5	26.52	6.61	2.83	0.18	388
MU-4	6/22/1995	6:55	Bottom	1.0	0.8	26.51	6.60	2.80	0.18	388
MU-5	6/22/1995	7:10	Surface	2.2	0.2	26.16	6.63	3.46	0.20	423
MU-5	6/22/1995	7:10	Mid	2.2	1.0	26.15	6.65	3.44	0.20	423
MU-5	6/22/1995	7:10	Bottom	2.2	2.0	26.18	6.64	3.39	0.20	424
10-1	7/10/1995	6:10	Surface	2.6	0.2	30.32	7.94	5.23	33.94	51,845
10-1	7/10/1995	6:10	Mid	2.6	1.0	30.35	7.97	5.13	33.95	51,856
10-1	7/10/1995	6:10	Bottom	2.6	2.4	30.37	7.98	4.88	33.93	51,829
10-2	7/10/1995	8:35	Surface	3.4	0.2	30.19	8.01	5.32	33.89	51,763
10-2	7/10/1995	8:35	Mid	3.4	1.0	30.09	8.00	5.07	33.96	51,864
10-2	7/10/1995	8:35	Bottom	3.4	3.2	30.07	7.99	4.95	33.99	51,894
10-3	7/10/1995	6:30	Surface	4.0	0.2	30.37	7.97	6.63	34.12	52,099
10-3	7/10/1995	6:30	Mid	4.0	1.0	30.40	8.01	6.49	32.02	49,342
10-3	7/10/1995	6:30	Bottom	4.0	3.8	30.41	8.02	6.50	29.98	46,600
10-4	7/10/1995	6:50	Surface	5.1	0.2	30.68	7.98	6.50	33.94	51,841
10-4	7/10/1995	6:50	Mid	5.1	1.0	30.70	8.02	6.36	33.93	51,850
10-4	7/10/1995	6:50	Bottom	5.1	4.9	30.71	8.03	6.26	33.94	51,860
10-5	7/10/1995	7:05	Surface	2.4	0.2	30.44	7.96	6.20	33.93	51,832
10-5	7/10/1995	7:05	Mid	2.4	1.0	30.48	7.98	6.10	33.93	51,830
10-5	7/10/1995	7:05	Bottom	2.4	2.2	30.44	7.98	6.08	33.93	51,833
11-1	7/10/1995	8:50	Surface	3.5	0.2	30.68	8.08	6.09	33.07	50,671
11-1	7/10/1995	8:50	Mid	3.5	1.0	30.68	8.10	6.00	33.06	50,667
11-1	7/10/1995	8:50	Bottom	3.5	3.3	30.69	8.11	5.86	33.07	50,684
11-2	7/10/1995	8:20	Surface	3.4	0.2	30.86	8.07	6.22	33.10	50,726
11-2	7/10/1995	8:20	Mid	3.4	1.0	30.88	8.07	6.17	33.08	50,706
11-2	7/10/1995	8:20	Bottom	3.4	3.2	30.89	8.08	6.15	33.17	50,831
11-3	7/10/1995	7:55	Surface	2.4	0.2	30.89	8.01	6.21	32.86	50,398
11-3	7/10/1995	7:55	Mid	2.4	1.0	30.85	8.02	6.07	32.87	50,412
11-3	7/10/1995	7:55	Bottom	2.4	2.2	30.83	8.04	5.96	32.86	50,394
11-4	7/10/1995	7:40	Surface	1.4	0.2	30.25	7.90	5.59	32.90	50,426
11-4	7/10/1995	7:40	Mid	1.4	1.0	30.27	7.93	5.51	32.90	50,421
11-4	7/10/1995	7:40	Bottom	1.4	1.2	30.27	7.94	5.33	32.90	50,422
11-5	7/10/1995	7:20	Surface	2.4	0.2	30.12	8.00	6.60	30.42	47,024
11-5	7/10/1995	7:20	Mid	2.4	1.0	30.62	8.00	6.17	33.33	51,045
11-5	7/10/1995	7:20	Bottom	2.4	2.2	30.96	7.94	5.15	33.33	51,046
13-1	7/11/1995	6:20	Surface	1.8	0.2	30.40	7.90	8.84	28.62	44,548
13-1	7/11/1995	6:20	Mid	1.8	0.9	30.42	7.92	8.56	28.67	44,611
13-1	7/11/1995	6:20	Bottom	1.8	1.6	30.85	7.90	7.30	29.91	46,350
13-2	7/11/1995	6:40	Surface	1.2	0.2	30.82	7.97	8.53	28.67	44,622
13-2	7/11/1995	6:40	Mid	1.2	0.6	30.84	7.97	8.51	28.68	44,650
13-2	7/11/1995	6:40	Bottom	1.2	1.0	31.38	7.89	6.60	29.99	46,568
13-3	7/11/1995	7:00	Surface	2.0	0.2	30.58	7.86	7.30	27.51	42,970
13-3	7/11/1995	7:00	Mid	2.0	1.0	30.40	7.86	7.36	27.52	43,020
13-3	7/11/1995	7:00	Bottom	2.0	1.8	30.65	7.90	7.52	27.87	43,459
13-4	7/11/1995	7:20	Surface	2.0	0.2	30.97	7.86	8.32	27.18	42,544
13-4	7/11/1995	7:20	Mid	2.0	1.0	30.96	7.89	7.80	27.18	42,545
13-4	7/11/1995	7:20	Bottom	2.0	1.8	30.98	7.89	7.71	27.19	42,568
13-5	7/11/1995	7:40	Surface	1.4	0.2	30.64	7.88	7.77	26.88	42,079
13-5	7/11/1995	7:40	Mid	1.4	0.7	30.66	7.90	7.61	26.91	42,151
13-5	7/11/1995	7:40	Bottom	1.4	1.2	30.67	7.92	7.60	26.91	42,159
14-1	7/11/1995	8:00	Surface	1.4	0.2	30.03	7.80	5.45	25.54	40,192
14-1	7/11/1995	8:00	Mid	1.4	0.7	30.63	7.88	6.30	26.13	41,068
14-1	7/11/1995	8:00	Bottom	1.4	1.2	30.80	7.94	6.66	26.35	41,376
14-2	7/11/1995	8:15	Surface	1.1	0.2	30.41	8.23	8.43	25.33	39,912
14-2	7/11/1995	8:15	Mid	1.1	0.5	30.40	8.24	8.12	25.33	39,918
14-2	7/11/1995	8:15	Bottom	1.1	0.9	30.42	8.24	7.97	25.33	39,911

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
14-3	7/11/1995	8:25	Surface	1.7	0.2	30.87	8.29	6.83	24.41	38,632
14-3	7/11/1995	8:25	Mid	1.7	0.8	30.81	8.30	6.69	24.41	38,642
14-3	7/11/1995	8:25	Bottom	1.7	1.5	30.69	8.31	6.48	24.55	38,811
14-4	7/11/1995	8:35	Surface	1.6	0.2	30.56	8.28	6.50	26.50	41,582
14-4	7/11/1995	8:35	Mid	1.6	0.8	30.59	8.33	6.25	26.54	41,642
14-4	7/11/1995	8:35	Bottom	1.6	1.4	30.70	8.33	6.12	26.63	41,757
14-5	7/11/1995	8:50	Surface	0.8	0.2	30.57	8.18	6.31	29.51	45,775
14-5	7/11/1995	8:50	Mid	0.8	0.4	30.60	8.20	6.14	29.48	45,750
14-5	7/11/1995	8:50	Bottom	0.8	0.6	30.59	8.21	6.10	29.49	45,755
16-1	7/12/1995	6:30	Surface	1.8	0.2	30.62	7.93	5.39	27.51	43,020
16-1	7/12/1995	6:30	Mid	1.8	0.9	30.65	8.07	5.11	27.61	43,126
16-1	7/12/1995	6:30	Bottom	1.8	1.6	30.73	8.09	5.14	27.65	43,209
16-2	7/12/1995	6:50	Surface	1.2	0.2	30.53	8.08	6.10	28.73	44,713
16-2	7/12/1995	6:50	Mid	1.2	0.6	30.69	8.11	5.99	28.87	44,873
16-2	7/12/1995	6:50	Bottom	1.2	1.0	30.66	8.11	5.60	29.11	45,223
16-3	7/12/1995	7:05	Surface	4.2	0.2	30.42	8.11	6.01	29.93	46,373
16-3	7/12/1995	7:05	Mid	4.2	1.0	30.58	8.08	5.77	30.72	47,460
16-3	7/12/1995	7:05	Bottom	4.2	4.0	30.71	8.02	5.48	33.65	51,471
16-4	7/12/1995	7:20	Surface	4.5	0.2	30.40	8.05	5.99	30.55	47,227
16-4	7/12/1995	7:20	Mid	4.5	1.0	30.37	8.06	5.43	30.75	47,505
16-4	7/12/1995	7:20	Bottom	4.5	4.3	30.67	8.00	5.29	33.49	51,246
16-5	7/12/1995	7:35	Surface	3.0	0.2	29.95	8.00	5.24	31.67	48,721
16-5	7/12/1995	7:35	Mid	3.0	1.0	30.08	8.00	4.92	32.08	49,384
16-5	7/12/1995	7:35	Bottom	3.0	2.8	30.40	8.00	5.03	33.09	50,692
LB-1	7/12/1995	8:20	Surface	2.1	0.2	31.33	7.75	5.52	23.95	38,014
LB-1	7/12/1995	8:20	Mid	2.1	1.0	31.41	7.78	5.34	24.00	38,082
LB-1	7/12/1995	8:20	Bottom	2.1	1.9	31.42	7.79	5.15	24.02	38,098
LB-2	7/12/1995	8:30	Surface	2.4	0.2	31.17	7.97	5.51	24.43	38,665
LB-2	7/12/1995	8:30	Mid	2.4	1.0	31.18	8.00	5.26	24.44	38,681
LB-2	7/12/1995	8:30	Bottom	2.4	2.2	31.15	8.00	5.17	24.43	38,674
LB-3	7/12/1995	8:45	Surface	1.6	0.2	30.31	8.00	5.82	24.36	38,546
LB-3	7/12/1995	8:45	Mid	1.6	0.8	30.36	8.04	5.65	24.43	38,632
LB-3	7/12/1995	8:45	Bottom	1.6	1.4	30.58	8.04	5.30	24.68	39,003
LB-4	7/12/1995	8:55	Surface	1.8	0.2	29.81	8.23	7.55	25.13	39,743
LB-4	7/12/1995	8:55	Mid	1.8	0.9	29.77	8.23	7.47	25.15	39,781
LB-4	7/12/1995	8:55	Bottom	1.8	1.6	29.96	8.13	5.19	26.65	41,929
LB-5	7/12/1995	9:05	Surface	2.1	0.2	30.09	8.23	6.64	27.13	42,519
LB-5	7/12/1995	9:05	Mid	2.1	1.0	30.03	8.22	6.84	27.91	43,563
LB-5	7/12/1995	9:05	Bottom	2.1	1.9	30.28	8.14	5.36	29.46	45,784
ML-1	7/13/1995	8:05	Surface	2.6	0.2	28.46	6.69	4.42	0.48	986
ML-1	7/13/1995	8:05	Mid	2.6	1.0	28.49	6.70	4.33	0.55	1,022
ML-1	7/13/1995	8:05	Bottom	2.6	2.4	28.56	6.70	4.27	0.59	1,204
ML-2	7/13/1995	8:20	Surface	1.6	0.2	28.78	6.86	4.96	0.54	1,108
ML-2	7/13/1995	8:20	Mid	1.6	0.8	28.78	6.86	4.91	0.55	1,109
ML-2	7/13/1995	8:20	Bottom	1.6	1.4	28.79	6.85	4.85	0.55	1,110
ML-3	7/13/1995	8:30	Surface	1.4	0.2	28.71	6.88	5.02	0.55	1,116
ML-3	7/13/1995	8:30	Mid	1.4	0.7	28.64	6.86	4.93	0.55	1,130
ML-3	7/13/1995	8:30	Bottom	1.4	1.2	28.64	6.85	4.90	0.57	1,157
ML-4	7/13/1995	8:45	Surface	1.0	0.2	28.48	6.95	5.65	0.71	1,436
ML-4	7/13/1995	8:45	Mid	1.0	0.5	28.46	6.96	5.60	0.72	1,437
ML-4	7/13/1995	8:45	Bottom	1.0	0.8	28.46	6.97	5.57	0.72	1,439
ML-5	7/13/1995	9:00	Surface	0.9	0.2	28.35	7.02	6.11	1.05	2,066
ML-5	7/13/1995	9:00	Mid	0.9	0.4	28.34	7.05	6.00	1.04	2,056
ML-5	7/13/1995	9:00	Bottom	0.9	0.7	28.34	7.06	5.97	1.04	2,046
MU-1	7/13/1995	6:50	Surface	0.6	0.2	29.06	6.58	4.20	0.11	230
MU-1	7/13/1995	6:50	Mid	0.6	0.3	29.00	6.59	4.13	0.11	230
MU-1	7/13/1995	6:50	Bottom	0.6	0.4	28.99	6.60	4.10	0.11	230
MU-2	7/13/1995	7:10	Surface	1.6	0.2	29.20	6.61	4.20	0.11	239
MU-2	7/13/1995	7:10	Mid	1.6	0.8	29.19	6.62	4.13	0.11	238
MU-2	7/13/1995	7:10	Bottom	1.6	1.4	29.14	6.62	4.05	0.11	238
MU-3	7/13/1995	7:25	Surface	1.4	0.2	28.79	6.62	4.16	0.11	242
MU-3	7/13/1995	7:25	Mid	1.4	0.7	28.80	6.63	4.12	0.11	242
MU-3	7/13/1995	7:25	Bottom	1.4	1.2	28.79	6.62	4.09	0.11	242
MU-4	7/13/1995	7:40	Surface	2.0	0.2	28.67	6.62	4.16	0.13	283

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
MU-4	7/13/1995	7:40	Mid	2.0	1.0	28.68	6.62	4.10	0.13	286
MU-4	7/13/1995	7:40	Bottom	2.0	1.8	28.68	6.61	4.03	0.14	289
MU-5	7/13/1995	7:50	Surface	3.0	0.2	28.55	6.63	4.10	0.16	349
MU-5	7/13/1995	7:50	Mid	3.0	1.0	28.56	6.64	4.07	0.16	348
MU-5	7/13/1995	7:50	Bottom	3.0	2.8	28.61	6.65	4.02	0.20	419
10-1	8/23/1995	6:10	Surface	4.0	0.2	30.85	8.05	6.95	29.18	45,317
10-1	8/23/1995	6:10	Mid	4.0	1.0	30.88	8.09	6.74	29.20	45,357
10-1	8/23/1995	6:10	Bottom	4.0	3.8	30.55	8.00	5.03	30.53	47,193
10-2	8/23/1995	6:50	Surface	2.0	0.2	30.66	7.95	5.37	30.00	46,471
10-2	8/23/1995	6:50	Mid	2.0	1.0	30.63	7.98	5.28	30.24	46,781
10-2	8/23/1995	6:50	Bottom	2.0	1.8	30.20	7.91	4.53	31.41	48,387
10-3	8/23/1995	6:30	Surface	4.2	0.2	29.90	7.87	5.53	31.91	49,071
10-3	8/23/1995	6:30	Mid	4.2	1.0	29.92	7.90	5.38	31.92	49,071
10-3	8/23/1995	6:30	Bottom	4.2	4.0	29.92	7.92	5.32	31.93	49,083
10-4	8/23/1995	7:05	Surface	3.0	0.2	30.36	7.87	4.43	30.20	46,692
10-4	8/23/1995	7:05	Mid	3.0	1.0	30.51	7.93	4.93	30.43	47,047
10-4	8/23/1995	7:05	Bottom	3.0	2.8	30.53	7.94	4.88	31.15	48,050
10-5	8/23/1995	7:25	Surface	5.0	0.2	29.68	7.90	5.28	30.59	47,238
10-5	8/23/1995	7:25	Mid	5.0	1.0	29.66	7.91	5.12	31.20	48,075
10-5	8/23/1995	7:25	Bottom	5.0	4.8	29.74	7.92	4.88	31.96	49,124
11-1	8/23/1995	5:50	Surface	4.0	0.2	31.07	8.03	6.73	29.08	45,205
11-1	8/23/1995	5:50	Mid	4.0	1.0	31.07	8.08	6.80	29.14	45,279
11-1	8/23/1995	5:50	Bottom	4.0	3.8	31.17	8.00	5.27	30.20	46,767
11-2	8/23/1995	8:10	Surface	4.2	0.2	30.75	8.06	5.86	29.15	45,300
11-2	8/23/1995	8:10	Mid	4.2	1.0	30.85	8.07	5.78	29.23	45,400
11-2	8/23/1995	8:10	Bottom	4.2	4.0	30.93	8.02	5.20	29.79	46,177
11-3	8/23/1995	8:00	Surface	5.0	0.2	30.88	8.01	5.32	29.57	45,882
11-3	8/23/1995	8:00	Mid	5.0	1.0	30.93	8.01	5.31	29.56	45,878
11-3	8/23/1995	8:00	Bottom	5.0	4.8	30.91	8.01	5.05	29.86	46,281
11-4	8/23/1995	7:45	Surface	3.3	0.2	29.80	7.89	5.06	31.42	48,375
11-4	8/23/1995	7:45	Mid	3.3	1.0	29.87	7.90	4.92	31.60	48,641
11-4	8/23/1995	7:45	Bottom	3.3	3.1	29.91	7.90	4.72	31.61	48,654
11-5	8/23/1995	7:35	Surface	3.3	0.2	30.46	7.94	5.39	29.40	45,625
11-5	8/23/1995	7:35	Mid	3.3	1.0	30.40	7.96	5.35	29.45	45,689
11-5	8/23/1995	7:35	Bottom	3.3	3.1	30.24	7.92	4.68	30.83	47,585
13-1	8/28/1995	6:20	Surface	3.0	0.2	29.57	7.43	5.25	15.79	26,019
13-1	8/28/1995	6:20	Mid	3.0	1.0	29.59	7.46	5.04	15.78	26,003
13-1	8/28/1995	6:20	Bottom	3.0	2.8	30.00	7.68	4.44	25.66	40,382
13-2	8/28/1995	6:40	Surface	3.1	0.2	29.58	7.50	4.81	15.95	26,220
13-2	8/28/1995	6:40	Mid	3.1	1.0	29.90	7.65	4.62	22.11	35,398
13-2	8/28/1995	6:40	Bottom	3.1	2.9	30.00	7.62	3.46	24.58	39,092
13-3	8/28/1995	6:55	Surface	3.0	0.2	29.50	7.16	7.17	7.44	13,163
13-3	8/28/1995	6:55	Mid	3.0	1.0	29.72	7.54	4.86	15.82	25,997
13-3	8/28/1995	6:55	Bottom	3.0	2.8	29.74	7.57	4.79	16.13	26,512
13-4	8/28/1995	7:20	Surface	5.0	0.2	29.57	7.63	5.87	16.39	26,884
13-4	8/28/1995	7:20	Mid	5.0	1.0	29.60	7.68	5.76	16.46	26,935
13-4	8/28/1995	7:20	Bottom	5.0	4.8	29.78	7.73	5.44	18.29	29,706
13-5	8/28/1995	7:40	Surface	2.5	0.2	29.52	7.74	5.73	16.81	27,529
13-5	8/28/1995	7:40	Mid	2.5	1.0	29.53	7.75	5.72	16.83	27,544
13-5	8/28/1995	7:40	Bottom	2.5	2.3	29.76	7.77	5.33	17.95	29,223
14-1	8/28/1995	7:55	Surface	2.6	0.2	29.64	7.73	5.65	16.74	27,476
14-1	8/28/1995	7:55	Mid	2.6	1.0	29.64	7.75	5.61	17.00	27,800
14-1	8/28/1995	7:55	Bottom	2.6	2.4	29.62	7.78	5.52	17.67	28,811
14-2	8/28/1995	8:15	Surface	2.0	0.2	29.25	7.82	5.96	17.53	28,585
14-2	8/28/1995	8:15	Mid	2.0	1.0	29.33	7.87	5.97	17.70	28,831
14-2	8/28/1995	8:15	Bottom	2.0	1.8	29.61	7.75	4.60	18.41	29,900
14-3	8/28/1995	8:30	Surface	2.5	0.2	29.72	7.91	6.12	20.70	33,257
14-3	8/28/1995	8:30	Mid	2.5	1.0	29.77	7.93	6.07	20.80	33,447
14-3	8/28/1995	8:30	Bottom	2.5	2.3	30.10	7.96	5.83	21.25	34,062
14-4	8/28/1995	8:45	Surface	1.6	0.2	29.86	7.96	6.41	22.86	35,657
14-4	8/28/1995	8:45	Mid	1.6	0.8	29.85	7.97	6.36	22.35	35,665
14-4	8/28/1995	8:45	Bottom	1.6	1.4	29.83	7.97	6.26	22.38	35,693
14-5	8/28/1995	9:05	Surface	1.5	0.2	29.64	7.86	5.53	21.78	34,809

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
14-5	8/28/1995	9:05	Mid	1.5	0.7	29.62	7.87	5.52	21.79	34,822
14-5	8/28/1995	9:05	Bottom	1.5	1.3	29.61	7.88	5.51	21.81	34,847
16-1	8/29/1995	6:20	Surface	3.4	0.2	30.35	7.69	4.84	22.01	35,165
16-1	8/29/1995	6:20	Mid	3.4	1.0	30.37	7.71	4.84	22.03	35,197
16-1	8/29/1995	6:20	Bottom	3.4	3.2	30.40	7.72	4.85	22.02	35,197
16-2	8/29/1995	6:35	Surface	2.0	0.2	30.20	7.32	4.34	9.28	15,999
16-2	8/29/1995	6:35	Mid	2.0	1.0	30.29	7.77	5.05	21.77	34,818
16-2	8/29/1995	6:35	Bottom	2.0	1.8	30.29	7.78	5.00	21.83	34,898
16-3	8/29/1995	6:50	Surface	2.6	0.2	30.25	7.77	5.39	20.31	32,712
16-3	8/29/1995	6:50	Mid	2.6	1.0	30.57	7.83	5.39	22.50	35,987
16-3	8/29/1995	6:50	Bottom	2.6	2.4	30.30	7.87	5.48	23.67	37,566
16-4	8/29/1995	7:05	Surface	1.2	0.2	30.02	7.86	5.48	23.49	37,280
16-4	8/29/1995	7:05	Mid	1.2	0.6	30.05	7.87	5.41	23.50	37,292
16-4	8/29/1995	7:05	Bottom	1.2	1.0	30.05	7.87	5.38	23.50	37,293
16-5	8/29/1995	7:15	Surface	4.3	0.2	29.97	7.86	5.67	22.95	36,503
16-5	8/29/1995	7:15	Mid	4.3	1.0	30.08	7.89	5.66	23.71	37,431
16-5	8/29/1995	7:15	Bottom	4.3	4.1	30.12	7.91	5.66	24.04	38,092
LB-1	8/29/1995	7:50	Surface	3.3	0.2	30.73	7.51	5.06	17.44	28,492
LB-1	8/29/1995	7:50	Mid	3.3	1.0	30.72	7.54	5.05	17.57	28,696
LB-1	8/29/1995	7:50	Bottom	3.3	3.1	30.73	7.61	4.07	18.73	30,406
LB-2	8/29/1995	8:10	Surface	2.5	0.2	29.73	7.60	4.22	17.72	28,870
LB-2	8/29/1995	8:10	Mid	2.5	1.0	30.46	7.75	3.41	20.91	33,544
LB-2	8/29/1995	8:10	Bottom	2.5	2.3	30.46	7.72	3.26	20.54	33,011
LB-3	8/29/1995	8:30	Surface	1.6	0.2	29.99	7.89	5.40	20.09	33,301
LB-3	8/29/1995	8:30	Mid	1.6	0.8	30.23	7.92	4.61	21.28	34,077
LB-3	8/29/1995	8:30	Bottom	1.6	1.4	30.33	7.90	4.05	21.41	34,294
LB-4	8/29/1995	8:50	Surface	1.7	0.2	30.11	7.97	5.77	21.35	34,202
LB-4	8/29/1995	8:50	Mid	1.7	0.8	30.08	7.96	5.48	21.54	34,500
LB-4	8/29/1995	8:50	Bottom	1.7	1.5	30.13	7.94	5.11	22.40	35,725
LB-5	8/29/1995	9:00	Surface	1.0	0.2	30.12	7.93	4.88	22.40	35,655
LB-5	8/29/1995	9:00	Mid	1.0	0.5	30.12	7.94	4.71	22.36	35,667
LB-5	8/29/1995	9:00	Bottom	1.0	0.8	30.13	7.94	4.75	22.39	35,711
ML-1	8/22/1995	7:50	Surface	1.2	0.2	28.63	6.44	3.54	0.07	148
ML-1	8/22/1995	7:50	Mid	1.2	0.6	28.64	6.42	3.47	0.07	149
ML-1	8/22/1995	7:50	Bottom	1.2	1.0	28.64	6.40	3.45	0.07	149
ML-2	8/22/1995	8:00	Surface	2.0	0.2	28.64	6.42	3.82	0.07	146
ML-2	8/22/1995	8:00	Mid	2.0	1.0	28.67	6.41	3.61	0.07	148
ML-2	8/22/1995	8:00	Bottom	2.0	1.8	28.68	6.41	3.49	0.07	149
ML-3	8/22/1995	8:15	Surface	1.1	0.2	28.97	6.45	3.78	0.27	573
ML-3	8/22/1995	8:15	Mid	1.1	0.5	28.93	6.47	3.67	0.27	555
ML-3	8/22/1995	8:15	Bottom	1.1	0.9	28.85	6.49	3.62	0.26	537
ML-4	8/22/1995	8:30	Surface	3.0	0.2	29.21	6.60	3.78	0.28	580
ML-4	8/22/1995	8:30	Mid	3.0	1.0	29.19	6.58	3.71	0.28	588
ML-4	8/22/1995	8:30	Bottom	3.0	2.8	29.15	6.55	3.58	0.28	590
ML-5	8/22/1995	8:45	Surface	1.5	0.2	29.19	6.60	4.44	0.24	501
ML-5	8/22/1995	8:45	Mid	1.5	0.7	29.14	6.61	4.33	0.23	488
ML-5	8/22/1995	8:45	Bottom	1.5	1.3	29.13	6.62	4.24	0.23	490
MU-1	8/22/1995	6:25	Surface	3.6	0.2	28.60	6.42	4.02	0.06	131
MU-1	8/22/1995	6:25	Mid	3.6	1.0	28.60	6.42	3.88	0.06	132
MU-1	8/22/1995	6:25	Bottom	3.6	3.4	28.61	6.42	3.75	0.06	132
MU-2	8/22/1995	6:45	Surface	3.2	0.2	28.64	6.37	3.81	0.06	134
MU-2	8/22/1995	6:45	Mid	3.2	1.0	28.65	6.40	3.75	0.06	134
MU-2	8/22/1995	6:45	Bottom	3.2	3.0	28.65	6.38	3.69	0.06	134
MU-3	8/22/1995	7:05	Surface	2.0	0.2	28.61	6.40	3.53	0.06	138
MU-3	8/22/1995	7:05	Mid	2.0	1.0	28.61	6.40	3.48	0.06	138
MU-3	8/22/1995	7:05	Bottom	2.0	1.8	28.59	6.38	3.44	0.06	138
MU-4	8/22/1995	7:15	Surface	1.4	0.2	28.51	6.46	3.50	0.07	156
MU-4	8/22/1995	7:15	Mid	1.4	0.7	28.46	6.45	3.38	0.07	157
MU-4	8/22/1995	7:15	Bottom	1.4	1.2	28.39	6.44	3.29	0.07	157
MU-5	8/22/1995	7:35	Surface	3.0	0.2	28.65	6.40	3.53	0.07	144
MU-5	8/22/1995	7:35	Mid	3.0	1.0	28.65	6.40	3.45	0.07	144
MU-5	8/22/1995	7:35	Bottom	3.0	2.8	28.56	6.40	3.36	0.07	147
10-1	9/18/1995	7:40	Surface	1.0	0.2	30.06	8.01	2.55	27.23	42,579

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
10-1	9/18/1995	7:40	Mid	1.0	0.5	30.08	8.01	2.48	27.23	42,579
10-1	9/18/1995	7:40	Bottom	1.0	0.8	29.89	7.79	0.23	27.24	42,595
10-2	9/18/1995	7:50	Surface	1.2	0.2	30.43	7.90	1.93	27.08	42,381
10-2	9/18/1995	7:50	Mid	1.2	0.6	30.45	7.90	1.79	27.08	42,380
10-2	9/18/1995	7:50	Bottom	1.2	1.0	30.43	7.78	0.90	26.44	41,499
10-3	9/18/1995	7:55	Surface	1.9	0.2	30.93	7.87	1.42	27.12	42,458
10-3	9/18/1995	7:55	Mid	1.9	0.9	30.95	7.88	1.44	27.12	42,462
10-3	9/18/1995	7:55	Bottom	1.9	1.7	30.94	7.88	1.45	27.13	42,473
10-4	9/18/1995	6:15	Surface	2.7	0.2	31.23	8.04	5.61	26.33	41,370
10-4	9/18/1995	6:15	Mid	2.7	1.0	31.29	8.04	5.56	26.32	41,360
10-4	9/18/1995	6:15	Bottom	2.7	2.5	31.26	8.03	5.51	26.33	41,360
10-5	9/18/1995	6:30	Surface	1.3	0.2	31.02	8.00	4.71	35.48	41,200
10-5	9/18/1995	6:30	Mid	1.3	0.6	31.06	8.00	4.46	35.50	41,270
10-5	9/18/1995	6:30	Bottom	1.3	1.1	31.06	7.99	4.33	35.49	41,220
11-1	9/18/1995	7:20	Surface	3.6	0.2	30.82	8.19	5.60	27.03	42,350
11-1	9/18/1995	7:20	Mid	3.6	1.0	30.82	8.19	5.60	27.05	42,359
11-1	9/18/1995	7:20	Bottom	3.6	3.4	31.09	8.19	5.08	27.35	42,768
11-2	9/18/1995	7:10	Surface	3.5	0.2	30.43	8.14	5.31	26.55	41,649
11-2	9/18/1995	7:10	Mid	3.5	1.0	30.49	8.14	5.20	26.57	41,666
11-2	9/18/1995	7:10	Bottom	3.5	3.3	30.72	8.05	3.75	27.26	42,657
11-3	9/18/1995	7:00	Surface	5.0	0.2	30.77	8.11	5.41	26.24	41,216
11-3	9/18/1995	7:00	Mid	5.0	1.0	30.78	8.11	5.29	26.25	41,229
11-3	9/18/1995	7:00	Bottom	5.0	4.8	30.93	7.99	3.28	26.78	41,989
11-4	9/18/1995	6:50	Surface	2.6	0.2	30.34	8.17	6.34	25.24	39,800
11-4	9/18/1995	6:50	Mid	2.6	1.0	30.74	8.13	5.62	25.96	40,823
11-4	9/18/1995	6:50	Bottom	2.6	2.4	31.10	7.91	2.08	26.46	41,535
11-5	9/18/1995	6:40	Surface	2.5	0.2	29.30	8.07	5.64	23.24	36,900
11-5	9/18/1995	6:40	Mid	2.5	1.0	30.72	8.09	5.59	24.89	39,300
11-5	9/18/1995	6:40	Bottom	2.5	2.3	31.07	7.99	4.01	25.81	40,630
13-1	9/19/1995	6:10	Surface	2.0	0.2	29.77	7.94	5.29	20.08	32,313
13-1	9/19/1995	6:10	Mid	2.0	1.0	30.42	7.99	5.06	22.68	36,132
13-1	9/19/1995	6:10	Bottom	2.0	1.8	31.12	7.98	4.36	24.05	38,900
13-2	9/19/1995	6:20	Surface	1.7	0.2	29.86	8.03	5.85	21.11	33,854
13-2	9/19/1995	6:20	Mid	1.7	0.8	31.01	8.03	5.24	22.54	35,955
13-2	9/19/1995	6:20	Bottom	1.7	1.5	31.19	7.89	3.22	23.78	37,748
13-3	9/19/1995	6:30	Surface	1.8	0.2	29.37	7.81	4.99	16.00	26,298
13-3	9/19/1995	6:30	Mid	1.8	0.9	29.79	7.92	4.91	19.48	31,275
13-3	9/19/1995	6:30	Bottom	1.8	1.6	30.99	7.98	4.72	22.42	35,789
13-4	9/19/1995	6:45	Surface	0.7	0.2	29.92	7.81	4.25	17.78	28,974
13-4	9/19/1995	6:45	Mid	0.7	0.3	30.15	7.81	4.22	18.03	29,400
13-4	9/19/1995	6:45	Bottom	0.7	0.5	30.14	7.82	4.23	18.24	29,652
13-5	9/19/1995	6:55	Surface	1.9	0.2	30.29	7.87	4.76	17.74	28,920
13-5	9/19/1995	6:55	Mid	1.9	0.9	30.34	7.87	4.63	17.76	28,960
13-5	9/19/1995	6:55	Bottom	1.9	1.7	31.03	7.72	3.01	18.40	29,930
14-1	9/19/1995	7:00	Surface	2.4	0.2	30.26	7.89	4.75	17.42	28,455
14-1	9/19/1995	7:00	Mid	2.4	1.0	30.47	7.88	4.72	17.65	28,801
14-1	9/19/1995	7:00	Bottom	2.4	2.2	31.11	7.89	4.67	18.60	32,222
14-2	9/19/1995	7:10	Surface	2.0	0.2	30.36	7.90	4.88	17.45	28,501
14-2	9/19/1995	7:10	Mid	2.0	1.0	30.36	7.91	4.91	17.45	28,493
14-2	9/19/1995	7:10	Bottom	2.0	1.8	30.37	7.90	4.96	17.44	28,479
14-3	9/19/1995	7:15	Surface	2.0	0.2	29.64	7.91	4.27	16.24	26,674
14-3	9/19/1995	7:15	Mid	2.0	1.0	29.76	7.91	4.17	16.35	26,842
14-3	9/19/1995	7:15	Bottom	2.0	1.8	30.03	7.88	3.77	16.82	27,555
14-4	9/19/1995	7:25	Surface	1.9	0.2	30.27	7.94	4.46	17.12	27,999
14-4	9/19/1995	7:25	Mid	1.9	0.9	30.31	7.94	4.26	17.11	28,000
14-4	9/19/1995	7:25	Bottom	1.9	1.7	30.71	7.81	2.33	17.55	28,632
14-5	9/19/1995	7:35	Surface	2.1	0.2	29.77	7.82	3.33	17.39	28,390
14-5	9/19/1995	7:35	Mid	2.1	1.0	29.71	7.82	3.22	17.43	28,441
14-5	9/19/1995	7:35	Bottom	2.1	1.9	30.83	7.75	1.68	18.41	30,024
16-1	9/20/1995	7:05	Surface	1.5	0.2	29.42	7.67	3.65	15.87	26,125
16-1	9/20/1995	7:05	Mid	1.5	0.7	29.98	7.74	3.58	17.41	28,490
16-1	9/20/1995	7:05	Bottom	1.5	1.3	30.45	7.76	3.22	19.34	31,316
16-2	9/20/1995	7:20	Surface	2.0	0.2	29.47	7.83	4.25	18.01	29,312
16-2	9/20/1995	7:20	Mid	2.0	1.0	29.62	7.84	4.14	18.18	29,568

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
16-2	9/20/1995	7:20	Bottom	2.0	1.8	29.86	7.81	3.95	19.03	30,793
16-3	9/20/1995	7:25	Surface	1.8	0.2	29.86	7.84	3.93	20.21	32,554
16-3	9/20/1995	7:25	Mid	1.8	0.9	29.96	7.84	3.86	20.49	32,927
16-3	9/20/1995	7:25	Bottom	1.8	1.6	30.43	7.81	2.85	25.25	39,814
16-4	9/20/1995	7:35	Surface	0.9	0.2	29.67	7.76	3.02	21.89	34,849
16-4	9/20/1995	7:35	Mid	0.9	0.4	30.03	7.78	2.97	23.42	37,200
16-4	9/20/1995	7:35	Bottom	0.9	0.7	29.99	7.79	3.00	23.59	37,312
16-5	9/20/1995	7:40	Surface	2.5	0.2	29.64	7.82	2.65	25.57	42,077
16-5	9/20/1995	7:40	Mid	2.5	1.0	29.76	7.83	2.45	27.94	43,600
16-5	9/20/1995	7:40	Bottom	2.5	2.3	29.84	7.84	2.43	28.68	44,544
LB-1	9/20/1995	8:15	Surface	3.7	0.2	29.98	7.39	2.84	14.74	24,422
LB-1	9/20/1995	8:15	Mid	3.7	1.0	30.36	7.39	2.59	15.42	25,480
LB-1	9/20/1995	8:15	Bottom	3.7	3.5	30.89	7.40	2.45	15.96	26,299
LB-2	9/20/1995	8:25	Surface	2.1	0.2	29.51	7.68	5.03	13.03	21,809
LB-2	9/20/1995	8:25	Mid	2.1	1.0	31.27	7.37	1.29	16.37	26,916
LB-2	9/20/1995	8:25	Bottom	2.1	1.9	30.99	7.30	0.26	17.61	28,758
LB-3	9/20/1995	8:35	Surface	1.4	0.2	29.22	7.90	5.67	11.35	19,220
LB-3	9/20/1995	8:35	Mid	1.4	0.7	29.74	8.05	6.53	12.30	20,600
LB-3	9/20/1995	8:35	Bottom	1.4	1.2	30.99	7.26	0.20	16.98	27,758
LB-4	9/20/1995	8:45	Surface	1.7	0.2	29.56	8.12	6.20	12.53	21,048
LB-4	9/20/1995	8:45	Mid	1.7	0.8	29.60	8.12	6.14	12.54	21,058
LB-4	9/20/1995	8:45	Bottom	1.7	1.5	31.13	7.68	0.17	19.90	32,259
LB-5	9/20/1995	8:55	Surface	0.7	0.2	29.04	7.81	3.33	12.53	21,036
LB-5	9/20/1995	8:55	Mid	0.7	0.3	29.04	7.81	3.34	12.53	21,040
LB-5	9/20/1995	8:55	Bottom	0.7	0.5	29.05	7.81	3.37	12.54	21,043
ML-1	9/21/1995	7:15	Surface	0.9	0.2	28.31	6.77	3.73	0.07	153
ML-1	9/21/1995	7:15	Mid	0.9	0.4	28.34	6.37	3.73	0.07	152
ML-1	9/21/1995	7:15	Bottom	0.9	0.7	28.34	6.29	3.78	0.07	155
ML-2	9/21/1995	7:25	Surface	2.5	0.2	28.46	6.75	3.56	0.09	206
ML-2	9/21/1995	7:25	Mid	2.5	1.0	28.50	6.75	3.58	0.10	219
ML-2	9/21/1995	7:25	Bottom	2.5	2.3	28.52	6.75	3.59	0.12	251
ML-3	9/21/1995	7:35	Surface	0.9	0.2	28.13	6.79	3.93	0.25	532
ML-3	9/21/1995	7:35	Mid	0.9	0.4	28.13	6.78	3.46	0.26	535
ML-3	9/21/1995	7:35	Bottom	0.9	0.7	28.06	6.73	3.40	0.31	636
ML-4	9/21/1995	7:45	Surface	2.0	0.2	28.59	6.78	3.67	0.28	579
ML-4	9/21/1995	7:45	Mid	2.0	1.0	28.60	6.80	3.68	0.28	574
ML-4	9/21/1995	7:45	Bottom	2.0	1.8	28.60	6.82	3.70	0.27	565
ML-5	9/21/1995	7:55	Surface	0.8	0.2	28.72	6.81	3.93	0.20	430
ML-5	9/21/1995	7:55	Mid	0.8	0.4	28.75	6.82	3.92	0.20	429
ML-5	9/21/1995	7:55	Bottom	0.8	0.6	28.77	6.83	3.94	0.20	429
MU-1	9/21/1995	6:15	Surface	1.5	0.2	28.63	6.67	3.79	0.06	124
MU-1	9/21/1995	6:15	Mid	1.5	0.7	28.63	6.68	3.79	0.06	121
MU-1	9/21/1995	6:15	Bottom	1.5	1.3	28.63	6.71	3.82	0.06	124
MU-2	9/21/1995	6:35	Surface	2.2	0.2	28.43	6.69	3.86	0.06	134
MU-2	9/21/1995	6:35	Mid	2.2	1.0	28.45	6.70	3.75	0.06	134
MU-2	9/21/1995	6:35	Bottom	2.2	2.0	28.44	6.72	3.70	0.05	104
MU-3	9/21/1995	6:45	Surface	1.3	0.2	28.39	6.70	3.70	0.06	138
MU-3	9/21/1995	6:45	Mid	1.3	0.6	28.39	6.70	3.70	0.06	138
MU-3	9/21/1995	6:45	Bottom	1.3	1.1	28.39	6.70	3.69	0.06	141
MU-4	9/21/1995	6:55	Surface	1.2	0.2	28.18	6.84	3.54	0.08	164
MU-4	9/21/1995	6:55	Mid	1.2	0.6	28.18	6.84	3.55	0.08	171
MU-4	9/21/1995	6:55	Bottom	1.2	1.0	28.21	6.83	3.56	0.08	167
MU-5	9/21/1995	7:10	Surface	2.8	0.2	28.21	6.79	3.55	0.07	159
MU-5	9/21/1995	7:10	Mid	2.8	1.0	28.15	6.78	3.54	0.07	166
MU-5	9/21/1995	7:10	Bottom	2.8	2.6	28.19	6.78	3.58	0.08	168
10-1	10/17/1995	8:30	Surface	3.2	0.2	25.71	8.09	3.90	27.74	43,139
10-1	10/17/1995	8:30	Mid	3.2	1.0	25.72	8.09	3.97	27.75	43,141
10-1	10/17/1995	8:30	Bottom	3.2	3.0	25.71	8.09	4.07	27.75	43,148
10-2	10/17/1995	8:00	Surface	1.7	0.2	25.62	8.06	3.63	27.77	43,179
10-2	10/17/1995	8:00	Mid	1.7	0.8	25.63	8.05	3.62	27.78	43,184
10-2	10/17/1995	8:00	Bottom	1.7	1.5	25.64	8.04	3.63	27.78	43,184
10-3	10/17/1995	8:15	Surface	2.6	0.2	25.09	8.02	3.53	28.00	43,570
10-3	10/17/1995	8:15	Mid	2.6	1.0	25.26	8.03	3.70	28.19	43,761

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
10-3	10/17/1995	8:15	Bottom	2.6	2.4	25.18	8.02	3.82	28.15	43,687
10-4	10/17/1995	7:50	Surface	2.5	0.2	25.45	8.05	3.37	27.36	42,607
10-4	10/17/1995	7:50	Mid	2.5	1.0	25.50	8.05	3.33	27.40	42,656
10-4	10/17/1995	7:50	Bottom	2.5	2.3	25.68	8.05	3.31	27.56	42,884
10-5	10/17/1995	7:40	Surface	4.2	0.2	25.70	8.03	3.70	27.71	43,084
10-5	10/17/1995	7:40	Mid	4.2	1.0	25.71	8.03	3.71	27.74	43,139
10-5	10/17/1995	7:40	Bottom	4.2	4.0	25.81	8.03	3.68	28.07	43,584
11-1	10/17/1995	8:45	Surface	3.2	0.2	25.99	8.05	3.68	27.38	42,640
11-1	10/17/1995	8:45	Mid	3.2	1.0	25.99	8.05	3.70	27.38	42,640
11-1	10/17/1995	8:45	Bottom	3.2	3.0	26.02	8.05	3.76	27.39	42,656
11-2	10/17/1995	9:00	Surface	3.3	0.2	26.02	8.06	3.46	27.50	42,808
11-2	10/17/1995	9:00	Mid	3.3	1.0	26.03	8.06	3.47	27.50	42,810
11-2	10/17/1995	9:00	Bottom	3.3	3.1	26.05	8.06	3.48	27.51	42,810
11-3	10/17/1995	6:55	Surface	3.0	0.2	25.89	7.94	5.19	27.32	42,545
11-3	10/17/1995	6:55	Mid	3.0	1.0	25.88	7.94	5.24	27.32	42,551
11-3	10/17/1995	6:55	Bottom	3.0	2.8	25.84	7.93	5.32	27.33	42,561
11-4	10/17/1995	7:10	Surface	2.0	0.2	26.06	7.98	4.93	27.25	42,454
11-4	10/17/1995	7:10	Mid	2.0	1.0	26.08	7.98	5.13	27.20	42,470
11-4	10/17/1995	7:10	Bottom	2.0	1.8	26.08	7.97	5.23	27.26	42,470
11-5	10/17/1995	7:20	Surface	2.5	0.2	25.74	7.98	3.76	27.42	42,693
11-5	10/17/1995	7:20	Mid	2.5	1.0	25.75	7.98	3.79	27.43	42,701
11-5	10/17/1995	7:20	Bottom	2.5	2.3	25.75	7.98	3.82	27.46	42,749
13-1	10/16/1995	6:30	Bottom	0.6	0.4	25.81	7.82	5.00	20.90	33,438
13-1	10/16/1995	6:30	Mid	0.6	0.3	25.79	7.83	4.94	20.90	33,441
13-1	10/16/1995	6:30	Surface	0.6	0.2	25.79	7.83	4.92	20.90	33,441
13-2	10/16/1995	6:50	Bottom	2.5	2.3	28.69	7.80	2.15	26.00	40,766
13-2	10/16/1995	6:50	Mid	2.5	1.0	25.78	7.90	5.37	19.60	31,525
13-2	10/16/1995	6:50	Surface	2.5	0.2	25.77	7.90	5.36	19.60	31,518
13-3	10/16/1995	7:05	Bottom	1.4	1.2	27.28	7.80	4.55	18.30	29,680
13-3	10/16/1995	7:05	Mid	1.4	0.7	27.16	7.82	4.88	17.50	28,467
13-3	10/16/1995	7:05	Surface	1.4	0.2	25.18	7.64	4.78	16.10	26,385
13-4	10/16/1995	7:20	Bottom	0.8	0.6	25.46	7.64	4.26	16.30	26,665
13-4	10/16/1995	7:20	Mid	0.8	0.4	25.31	7.65	4.35	16.10	26,378
13-4	10/16/1995	7:20	Surface	0.8	0.2	25.22	7.66	4.44	16.10	26,314
13-5	10/16/1995	7:30	Bottom	2.1	1.9	26.79	7.87	5.21	17.00	27,784
13-5	10/16/1995	7:30	Mid	2.1	1.0	26.75	7.87	4.97	17.00	27,758
13-5	10/16/1995	7:30	Surface	2.1	0.2	26.72	7.87	4.81	17.00	27,763
14-1	10/16/1995	7:00	Bottom	1.7	1.5	25.74	7.90	4.94	16.90	27,486
14-1	10/16/1995	7:00	Mid	1.7	0.8	25.76	7.90	4.92	16.80	27,451
14-1	10/16/1995	7:00	Surface	1.7	0.2	25.75	7.90	4.82	16.80	27,445
14-2	10/16/1995	7:10	Bottom	1.6	1.4	25.58	7.98	4.82	17.10	27,836
14-2	10/16/1995	7:10	Mid	1.6	0.8	25.59	7.98	4.73	17.10	27,833
14-2	10/16/1995	7:10	Surface	1.6	0.2	25.57	7.98	4.69	17.10	27,833
14-3	10/16/1995	7:15	Bottom	0.6	0.4	25.40	7.99	4.78	17.10	27,840
14-3	10/16/1995	7:15	Mid	0.6	0.3	25.40	7.99	4.70	17.10	27,831
14-3	10/16/1995	7:15	Surface	0.6	0.2	25.37	7.99	4.60	17.10	27,827
14-4	10/16/1995	7:25	Bottom	1.6	1.4	25.43	7.85	4.39	16.60	27,058
14-4	10/16/1995	7:25	Mid	1.6	0.8	25.39	7.85	4.38	16.50	27,028
14-4	10/16/1995	7:25	Surface	1.6	0.2	25.38	7.85	4.38	16.50	27,022
14-5	10/16/1995	7:35	Bottom	1.5	1.3	25.44	7.79	4.40	18.30	29,572
14-5	10/16/1995	7:35	Mid	1.5	0.7	25.33	7.79	4.26	18.30	29,543
14-5	10/16/1995	7:35	Surface	1.5	0.2	25.35	7.79	4.24	18.30	29,556
16-1	10/19/1995	6:20	Bottom	1.0	0.8	25.88	7.60	4.92	19.72	31,666
16-1	10/19/1995	6:20	Mid	1.0	0.5	25.06	7.63	5.40	19.13	30,825
16-1	10/19/1995	6:20	Surface	1.0	0.2	24.83	7.65	5.65	18.64	30,104
16-2	10/19/1995	6:40	Bottom	0.8	0.6	25.45	7.69	5.29	21.17	33,798
16-2	10/19/1995	6:40	Mid	0.8	0.4	25.41	7.69	5.34	21.03	33,561
16-2	10/19/1995	6:40	Surface	0.8	0.2	25.19	7.67	5.32	20.40	32,694
16-3	10/19/1995	6:50	Bottom	2.0	1.8	26.98	7.81	4.68	27.90	43,386
16-3	10/19/1995	6:50	Mid	2.0	1.0	26.27	7.78	5.06	24.92	39,156
16-3	10/19/1995	6:50	Surface	2.0	0.2	24.90	7.73	5.80	20.78	33,206
16-4	10/19/1995	7:00	Bottom	1.0	0.8	25.87	7.77	5.30	24.55	38,640
16-4	10/19/1995	7:00	Mid	1.0	0.5	25.70	7.72	5.00	23.57	37,259
16-4	10/19/1995	7:00	Surface	1.0	0.2	25.11	7.76	5.70	21.85	34,771

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
16-5	10/19/1995	7:10	Bottom	1.1	0.9	26.48	7.83	5.25	25.98	40,650
16-5	10/19/1995	7:10	Mid	1.1	0.5	26.37	7.82	5.17	25.26	39,683
16-5	10/19/1995	7:10	Surface	1.1	0.2	25.70	7.73	5.02	22.16	35,262
LB-1	10/19/1995	8:00	Surface	3.0	0.2	24.52	7.41	5.26	7.58	13,625
LB-1	10/19/1995	8:00	Mid	3.0	1.0	25.05	7.52	5.15	12.33	20,523
LB-1	10/19/1995	8:00	Bottom	3.0	2.8	26.16	7.40	4.13	16.20	26,558
LB-2	10/19/1995	8:15	Surface	2.4	0.2	24.92	7.69	5.81	10.83	18,322
LB-2	10/19/1995	8:15	Mid	2.4	1.0	25.19	7.70	5.84	11.62	19,529
LB-2	10/19/1995	8:15	Bottom	2.4	2.2	26.94	7.43	2.46	19.39	31,202
LB-3	10/19/1995	8:25	Surface	1.2	0.2	24.63	7.79	6.23	10.54	17,858
LB-3	10/19/1995	8:25	Mid	1.2	0.6	24.64	7.78	6.14	10.55	17,879
LB-3	10/19/1995	8:25	Bottom	1.2	1.0	25.52	7.44	3.52	12.28	26,460
LB-4	10/19/1995	8:35	Surface	1.2	0.2	24.22	7.98	6.79	12.22	20,441
LB-4	10/19/1995	8:35	Mid	1.2	0.6	24.22	7.98	6.73	12.22	24,444
LB-4	10/19/1995	8:35	Bottom	1.2	1.0	24.99	7.80	4.45	15.32	25,166
LB-5	10/19/1995	8:45	Surface	2.4	0.2	24.40	7.94	6.25	16.73	27,269
LB-5	10/19/1995	8:45	Mid	2.4	1.0	25.33	7.88	5.32	20.60	32,999
LB-5	10/19/1995	8:45	Bottom	2.4	2.2	26.22	7.72	3.38	25.69	40,201
ML-1	10/18/1995	7:50	Surface	1.9	0.2	24.16	6.79	5.32	0.06	141
ML-1	10/18/1995	7:50	Mid	1.9	0.9	24.16	6.78	5.32	0.06	140
ML-1	10/18/1995	7:50	Bottom	1.9	1.7	24.15	6.79	5.32	0.06	142
ML-2	10/18/1995	8:00	Surface	1.5	0.2	24.19	6.76	5.46	0.06	136
ML-2	10/18/1995	8:00	Mid	1.5	0.7	24.19	6.76	5.47	0.06	132
ML-2	10/18/1995	8:00	Bottom	1.5	1.3	24.20	6.76	5.49	0.06	136
ML-3	10/18/1995	8:10	Surface	1.0	0.2	24.20	6.82	5.87	0.15	328
ML-3	10/18/1995	8:10	Mid	1.0	0.5	24.20	6.86	5.94	0.16	333
ML-3	10/18/1995	8:10	Bottom	1.0	0.8	24.21	6.87	5.95	0.34	708
ML-4	10/18/1995	8:20	Surface	2.6	0.2	24.20	6.82	5.82	0.12	264
ML-4	10/18/1995	8:20	Mid	2.6	1.0	24.22	6.81	5.82	0.18	278
ML-4	10/18/1995	8:20	Bottom	2.6	2.4	24.22	6.82	5.84	0.13	268
ML-5	10/18/1995	8:30	Surface	1.5	0.2	24.22	6.89	6.03	0.14	288
ML-5	10/18/1995	8:30	Mid	1.5	0.7	24.27	6.89	6.03	0.14	293
ML-5	10/18/1995	8:30	Bottom	1.5	1.3	24.28	6.89	6.03	0.14	297
MU-1	10/18/1995	6:30	Surface	1.8	0.2	24.17	6.66	5.20	0.06	119
MU-1	10/18/1995	6:30	Mid	1.8	0.9	24.17	6.71	5.07	0.06	138
MU-1	10/18/1995	6:30	Bottom	1.8	1.6	24.14	6.74	5.09	0.08	171
MU-2	10/18/1995	6:50	Surface	1.6	0.2	24.18	6.68	5.24	0.06	122
MU-2	10/18/1995	6:50	Mid	1.6	0.8	24.18	6.67	5.24	0.06	133
MU-2	10/18/1995	6:50	Bottom	1.6	1.4	24.18	6.67	5.24	0.06	126
MU-3	10/18/1995	7:05	Surface	1.2	0.2	24.17	6.68	5.24	0.06	128
MU-3	10/18/1995	7:05	Mid	1.2	0.6	24.18	6.68	5.24	0.06	130
MU-3	10/18/1995	7:05	Bottom	1.2	1.0	24.18	6.69	5.28	0.06	135
MU-4	10/18/1995	7:20	Surface	1.2	0.2	24.17	6.72	5.20	0.06	126
MU-4	10/18/1995	7:20	Mid	1.2	0.6	24.17	6.73	5.19	0.07	129
MU-4	10/18/1995	7:20	Bottom	1.2	1.0	24.17	6.74	5.21	0.06	140
MU-5	10/18/1995	7:35	Surface	1.8	0.2	24.16	6.74	5.21	0.06	135
MU-5	10/18/1995	7:35	Mid	1.8	0.9	24.16	6.74	5.22	0.06	144
MU-5	10/18/1995	7:35	Bottom	1.8	1.6	24.16	6.75	5.24	0.06	139
10-1	11/13/1995	5:20	Surface	3.2	0.2	19.96	8.02	7.41	28.91	44,650
10-1	11/13/1995	5:20	Mid	3.2	1.0	19.98	8.02	7.26	28.92	44,653
10-1	11/13/1995	5:20	Bottom	3.2	3.0	20.27	7.45	6.88	29.50	45,456
10-2	11/13/1995	5:30	Surface	1.8	0.2	19.50	8.07	7.60	28.83	44,520
10-2	11/13/1995	5:30	Mid	1.8	0.9	19.52	8.07	7.62	28.84	44,538
10-2	11/13/1995	5:30	Bottom	1.8	1.6	19.53	8.07	7.64	28.84	44,546
10-3	11/13/1995	7:10	Surface	1.0	0.2	18.43	8.18	7.38	27.76	42,423
10-3	11/13/1995	7:10	Mid	1.0	0.5	18.42	8.18	7.40	27.36	42,479
10-3	11/13/1995	7:10	Bottom	1.0	0.8	18.43	8.18	7.45	27.36	42,483
10-4	11/13/1995	6:55	Surface	3.5	0.2	17.96	8.01	6.23	29.32	45,213
10-4	11/13/1995	6:55	Mid	3.5	1.0	18.00	8.00	6.28	29.32	45,213
10-4	11/13/1995	6:55	Bottom	3.5	3.3	17.92	8.01	6.39	29.32	45,212
10-5	11/13/1995	6:40	Surface	2.9	0.2	19.75	8.02	7.14	28.98	44,722
10-5	11/13/1995	6:40	Mid	2.9	1.0	19.83	8.01	7.16	29.03	44,801
10-5	11/13/1995	6:40	Bottom	2.9	2.7	20.18	8.01	7.13	29.90	45,193

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
11-1	11/13/1995	5:15	Surface	3.5	0.2	20.11	7.96	7.73	29.11	44,915
11-1	11/13/1995	5:15	Mid	3.5	1.0	20.13	7.96	7.74	29.11	44,923
11-1	11/13/1995	5:15	Bottom	3.5	3.3	20.14	7.95	7.74	29.13	44,951
11-2	11/13/1995	5:45	Surface	3.0	0.2	20.13	8.02	7.42	29.18	45,016
11-2	11/13/1995	5:45	Mid	3.0	1.0	20.11	8.02	7.35	29.18	45,014
11-2	11/13/1995	5:45	Bottom	3.0	2.8	20.31	8.00	7.27	29.48	45,422
11-3	11/13/1995	6:00	Surface	2.6	0.2	19.75	8.01	7.31	28.99	44,758
11-3	11/13/1995	6:00	Mid	2.6	1.0	19.80	8.01	7.29	28.99	44,761
11-3	11/13/1995	6:00	Bottom	2.6	2.4	20.04	8.01	7.17	29.65	45,677
11-4	11/13/1995	6:10	Surface	2.1	0.2	20.07	8.02	7.19	28.97	44,725
11-4	11/13/1995	6:10	Mid	2.1	1.0	20.06	8.02	7.16	29.08	44,877
11-4	11/13/1995	6:10	Bottom	2.1	1.9	20.05	8.00	7.10	29.19	45,027
11-5	11/13/1995	6:25	Surface	2.2	0.2	19.38	8.01	7.19	28.09	43,503
11-5	11/13/1995	6:25	Mid	2.2	1.0	19.59	8.00	6.97	28.47	44,037
11-5	11/13/1995	6:25	Bottom	2.2	2.0	19.86	8.00	6.84	29.00	44,763
13-1	11/14/1995	5:50	Surface	1.8	0.2	19.56	7.86	7.25	27.67	42,902
13-1	11/14/1995	5:50	Mid	1.8	0.9	19.55	7.86	7.18	27.68	42,925
13-1	11/14/1995	5:50	Bottom	1.8	1.6	19.97	7.85	6.69	28.73	44,371
13-2	11/14/1995	6:05	Surface	1.5	0.2	19.43	7.84	7.22	26.29	49,078
13-2	11/14/1995	6:05	Mid	1.5	0.7	19.42	7.84	7.20	26.29	40,970
13-2	11/14/1995	6:05	Bottom	1.5	1.3	19.43	7.84	7.12	26.34	41,059
13-3	11/14/1995	6:15	Surface	1.7	0.2	19.01	7.78	7.52	21.84	34,590
13-3	11/14/1995	6:15	Mid	1.7	0.8	19.50	7.83	7.37	24.76	38,819
13-3	11/14/1995	6:15	Bottom	1.7	1.5	19.62	7.83	7.24	25.19	39,431
13-4	11/14/1995	6:30	Surface	1.9	0.2	19.04	7.74	7.18	22.80	35,944
13-4	11/14/1995	6:30	Mid	1.9	0.9	19.26	7.78	7.18	23.66	37,190
13-4	11/14/1995	6:30	Bottom	1.9	1.7	19.43	7.81	7.16	24.47	38,408
13-5	11/14/1995	6:45	Surface	2.0	0.2	19.42	7.72	7.17	21.67	34,408
13-5	11/14/1995	6:45	Mid	2.0	1.0	19.50	7.72	7.11	21.85	34,674
13-5	11/14/1995	6:45	Bottom	2.0	1.8	19.81	7.73	6.73	23.35	36,809
14-1	11/14/1995	7:00	Surface	2.2	0.2	19.33	7.70	7.42	20.12	32,172
14-1	11/14/1995	7:00	Mid	2.2	1.0	19.47	7.69	7.21	20.35	32,504
14-1	11/14/1995	7:00	Bottom	2.2	2.0	19.87	7.69	6.53	22.16	35,115
14-2	11/14/1995	7:15	Surface	0.8	0.2	18.72	7.82	7.61	19.79	31,680
14-2	11/14/1995	7:15	Mid	0.8	0.4	18.74	7.87	7.59	19.79	31,678
14-2	11/14/1995	7:15	Bottom	0.8	0.6	18.75	7.82	7.54	19.79	31,674
14-3	11/14/1995	7:30	Surface	1.3	0.2	19.24	7.66	7.18	20.12	32,166
14-3	11/14/1995	7:30	Mid	1.3	0.6	19.27	7.65	7.17	20.12	32,169
14-3	11/14/1995	7:30	Bottom	1.3	1.1	19.26	7.65	7.19	20.13	32,171
14-4	11/14/1995	7:45	Surface	1.4	0.2	19.19	7.75	7.25	20.25	32,348
14-4	11/14/1995	7:45	Mid	1.4	0.7	19.18	7.75	7.22	20.25	32,350
14-4	11/14/1995	7:45	Bottom	1.4	1.2	19.14	7.74	7.18	20.25	32,347
14-5	11/14/1995	8:00	Surface	1.2	0.2	19.18	7.73	7.20	20.41	32,580
14-5	11/14/1995	8:00	Mid	1.2	0.6	19.17	7.73	7.19	20.41	32,582
14-5	11/14/1995	8:00	Bottom	1.2	1.0	19.17	7.73	7.17	20.42	32,590
16-1	11/16/1995	5:40	Surface	1.9	0.2	17.39	7.82	7.63	20.58	32,829
16-1	11/16/1995	5:40	Mid	1.9	0.9	17.43	7.81	7.55	20.60	32,852
16-1	11/16/1995	5:40	Bottom	1.9	1.7	18.34	7.80	7.19	21.97	34,834
16-2	11/16/1995	5:50	Surface	1.1	0.2	16.55	7.84	7.64	20.63	32,897
16-2	11/16/1995	5:50	Mid	1.1	0.5	16.56	7.84	7.55	20.65	32,929
16-2	11/16/1995	5:50	Bottom	1.1	0.9	18.37	7.69	5.83	21.67	34,383
16-3	11/16/1995	6:05	Surface	1.7	0.2	16.90	7.91	8.01	22.27	35,263
16-3	11/16/1995	6:05	Mid	1.7	0.8	16.90	7.91	7.93	22.27	35,273
16-3	11/16/1995	6:05	Bottom	1.7	1.5	16.80	7.91	7.83	22.28	35,277
16-4	11/16/1995	6:15	Surface	4.0	0.2	16.20	7.92	7.90	22.64	35,803
16-4	11/16/1995	6:15	Mid	4.0	1.0	17.25	7.94	7.73	24.09	37,873
16-4	11/16/1995	6:15	Bottom	4.0	3.8	19.86	7.84	6.37	28.98	44,728
16-5	11/16/1995	6:25	Surface	3.6	0.2	17.04	7.96	7.62	24.85	38,951
16-5	11/16/1995	6:25	Mid	3.6	1.0	18.06	7.95	7.29	26.51	41,269
16-5	11/16/1995	6:25	Bottom	3.6	3.4	19.38	7.95	6.96	29.55	45,533
LB-1	11/16/1995	7:05	Surface	0.8	0.2	18.06	7.83	6.99	26.26	40,951
LB-1	11/16/1995	7:05	Mid	0.8	0.4	18.11	7.83	6.99	26.27	40,945
LB-1	11/16/1995	7:05	Bottom	0.8	0.6	18.40	7.83	6.96	26.37	41,096
LB-2	11/16/1995	7:15	Surface	1.4	0.2	17.48	7.80	6.94	26.06	40,658

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
LB-2	11/16/1995	7:15	Mid	1.4	0.7	17.45	7.79	6.91	26.07	40,657
LB-2	11/16/1995	7:15	Bottom	1.4	1.2	17.12	7.59	6.67	26.08	40,684
LB-3	11/16/1995	7:25	Surface	3.1	0.2	15.33	7.97	7.18	21.59	37,185
LB-3	11/16/1995	7:25	Mid	3.1	1.0	17.03	7.91	6.70	25.86	40,379
LB-3	11/16/1995	7:25	Bottom	3.1	2.9	17.39	7.89	6.45	26.22	40,874
LB-4	11/16/1995	7:35	Surface	0.9	0.2	16.01	8.14	7.16	23.34	36,810
LB-4	11/16/1995	7:35	Mid	0.9	0.4	16.03	8.14	6.89	23.34	36,803
LB-4	11/16/1995	7:35	Bottom	0.9	0.7	16.35	8.12	6.64	23.48	36,997
LB-5	11/16/1995	7:55	Surface	1.8	0.2	15.70	8.16	6.62	22.37	35,416
LB-5	11/16/1995	7:55	Mid	1.8	0.9	15.73	8.16	6.55	22.37	35,419
LB-5	11/16/1995	7:55	Bottom	1.8	1.6	17.49	8.18	6.10	23.45	36,954
ML-1	11/15/1995	7:10	Surface	1.8	0.2	18.79	7.10	7.24	0.11	244
ML-1	11/15/1995	7:10	Mid	1.8	0.9	18.85	7.09	7.16	0.12	247
ML-1	11/15/1995	7:10	Bottom	1.8	1.6	18.85	7.09	7.10	0.13	266
ML-2	11/15/1995	7:20	Surface	1.3	0.2	18.84	7.16	7.10	0.62	1,234
ML-2	11/15/1995	7:20	Mid	1.3	0.6	18.86	7.15	7.04	0.62	1,231
ML-2	11/15/1995	7:20	Bottom	1.3	1.1	18.73	7.15	7.01	0.61	1,212
ML-3	11/15/1995	7:35	Surface	2.5	0.2	19.08	7.17	7.20	0.66	1,309
ML-3	11/15/1995	7:35	Mid	2.5	1.0	19.15	7.16	7.17	0.66	1,305
ML-3	11/15/1995	7:35	Bottom	2.5	2.3	19.20	7.16	7.17	0.67	1,351
ML-4	11/15/1995	7:45	Surface	2.9	0.2	19.46	7.30	7.36	0.48	984
ML-4	11/15/1995	7:45	Mid	2.9	1.0	19.46	7.30	7.31	0.48	975
ML-4	11/15/1995	7:45	Bottom	2.9	2.7	19.45	7.29	7.24	0.48	980
ML-5	11/15/1995	7:55	Surface	0.9	0.2	18.12	7.52	8.01	0.60	1,209
ML-5	11/15/1995	7:55	Mid	0.9	0.4	18.13	7.52	7.99	0.60	1,208
ML-5	11/15/1995	7:55	Bottom	0.9	0.7	18.16	7.51	7.98	0.60	1,207
MU-1	11/15/1995	5:50	Surface	2.2	0.2	18.81	6.98	7.04	0.09	185
MU-1	11/15/1995	5:50	Mid	2.2	1.0	18.85	6.98	6.99	0.09	191
MU-1	11/15/1995	5:50	Bottom	2.2	2.0	18.89	7.00	6.88	0.09	186
MU-2	11/15/1995	6:00	Surface	2.3	0.2	18.79	7.03	7.16	0.09	186
MU-2	11/15/1995	6:00	Mid	2.3	1.0	18.78	7.03	7.15	0.09	189
MU-2	11/15/1995	6:00	Bottom	2.3	2.1	18.82	7.03	7.12	0.09	189
MU-3	11/15/1995	6:20	Surface	2.3	0.2	18.64	7.05	7.19	0.09	183
MU-3	11/15/1995	6:20	Mid	2.3	1.0	18.65	7.06	7.10	0.09	185
MU-3	11/15/1995	6:20	Bottom	2.3	2.1	18.65	7.06	6.96	0.09	191
MU-4	11/15/1995	6:30	Surface	1.0	0.2	18.17	7.10	7.17	0.09	199
MU-4	11/15/1995	6:30	Mid	1.0	0.5	18.20	7.10	7.13	0.10	202
MU-4	11/15/1995	6:30	Bottom	1.0	0.8	18.18	7.10	7.10	0.10	202
MU-5	11/15/1995	6:45	Surface	1.1	0.2	18.23	7.11	7.19	0.10	204
MU-5	11/15/1995	6:45	Mid	1.1	0.5	18.27	7.11	7.17	0.10	200
MU-5	11/15/1995	6:45	Bottom	1.1	0.9	18.28	7.11	7.13	0.10	204
10-1	12/14/1995	7:25	Surface	3.0	0.2	17.98	7.95	7.30	30.40	46,704
10-1	12/14/1995	7:25	Mid	3.0	1.0	17.98	7.95	7.30	30.40	46,700
10-1	12/14/1995	7:25	Bottom	3.0	2.8	17.99	7.95	7.28	30.40	46,202
10-2	12/14/1995	6:55	Surface	1.2	0.2	17.93	7.92	7.33	30.48	46,812
10-2	12/14/1995	6:55	Mid	1.2	0.6	17.94	7.93	7.27	30.45	46,775
10-2	12/14/1995	6:55	Bottom	1.2	1.0	17.95	7.92	7.13	30.46	46,786
10-3	12/14/1995	7:35	Surface	2.9	0.2	17.90	7.87	6.14	30.45	46,771
10-3	12/14/1995	7:35	Mid	2.9	1.0	17.91	7.86	6.14	30.45	46,776
10-3	12/14/1995	7:35	Bottom	2.9	2.7	17.91	7.86	6.21	30.46	46,784
10-4	12/14/1995	6:45	Surface	3.5	0.2	18.05	7.92	7.28	30.64	47,034
10-4	12/14/1995	6:45	Mid	3.5	1.0	18.06	7.92	7.22	30.64	47,032
10-4	12/14/1995	6:45	Bottom	3.5	3.3	18.01	7.91	7.15	30.63	47,027
10-5	12/14/1995	6:35	Surface	2.8	0.2	17.82	7.97	7.87	30.06	46,224
10-5	12/14/1995	6:35	Mid	2.8	1.0	17.86	7.96	7.56	30.06	46,241
10-5	12/14/1995	6:35	Bottom	2.8	2.6	18.17	7.84	6.76	30.67	48,070
11-1	12/14/1995	7:15	Surface	3.4	0.2	17.61	8.01	7.18	30.01	46,160
11-1	12/14/1995	7:15	Mid	3.4	1.0	17.61	8.01	7.26	30.01	46,160
11-1	12/14/1995	7:15	Bottom	3.4	3.2	17.99	7.94	7.06	30.31	46,574
11-2	12/14/1995	7:05	Surface	3.3	0.2	17.85	7.97	7.74	30.42	46,724
11-2	12/14/1995	7:05	Mid	3.3	1.0	17.85	7.97	7.72	30.42	46,723
11-2	12/14/1995	7:05	Bottom	3.3	3.1	17.88	7.96	7.66	30.43	46,753
11-3	12/14/1995	6:00	Surface	2.3	0.2	17.77	7.89	7.89	30.34	46,622

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
11-3	12/14/1995	6:00	Mid	2.3	1.0	17.80	7.89	7.79	30.35	46,635
11-3	12/14/1995	6:00	Bottom	2.3	2.1	17.84	7.88	7.76	30.38	46,674
11-4	12/14/1995	6:15	Surface	4.0	0.2	17.95	7.90	7.63	30.39	46,692
11-4	12/14/1995	6:15	Mid	4.0	1.0	17.96	7.90	7.26	30.40	46,701
11-4	12/14/1995	6:15	Bottom	4.0	3.8	18.05	7.84	7.12	30.43	46,745
11-5	12/14/1995	6:25	Surface	2.8	0.2	18.02	7.90	7.25	30.48	46,819
11-5	12/14/1995	6:25	Mid	2.8	1.0	18.07	7.89	7.12	30.50	46,838
11-5	12/14/1995	6:25	Bottom	2.8	2.6	18.21	7.83	6.67	30.63	47,005
13-1	12/11/1995	5:50	Surface	1.0	0.2	18.05	7.91	6.98	28.03	43,399
13-1	12/11/1995	5:50	Mid	1.0	0.5	18.06	7.90	6.94	28.02	43,396
13-1	12/11/1995	5:50	Bottom	1.0	0.8	17.65	7.91	7.05	28.07	43,484
13-2	12/11/1995	6:00	Surface	1.3	0.2	16.50	7.97	7.53	27.01	42,031
13-2	12/11/1995	6:00	Mid	1.3	0.6	16.53	7.98	7.55	27.07	42,099
13-2	12/11/1995	6:00	Bottom	1.3	1.1	16.63	7.98	7.60	27.33	42,444
13-3	12/11/1995	6:15	Surface	1.8	0.2	17.35	7.93	7.06	25.85	40,343
13-3	12/11/1995	6:15	Mid	1.8	0.9	17.38	7.93	7.03	25.85	40,322
13-3	12/11/1995	6:15	Bottom	1.8	1.6	17.38	7.95	6.95	25.88	44,402
13-4	12/11/1995	6:30	Surface	1.1	0.2	17.27	7.92	6.85	25.49	39,851
13-4	12/11/1995	6:30	Mid	1.1	0.5	17.24	7.91	6.83	25.51	38,875
13-4	12/11/1995	6:30	Bottom	1.1	0.9	17.25	7.91	6.82	25.51	39,873
13-5	12/11/1995	6:45	Surface	1.2	0.2	16.96	7.92	7.00	25.05	39,234
13-5	12/11/1995	6:45	Mid	1.2	0.6	16.96	7.92	7.03	25.06	39,245
13-5	12/11/1995	6:45	Bottom	1.2	1.0	17.03	7.93	7.07	25.07	39,260
14-1	12/11/1995	7:00	Surface	1.6	0.2	17.06	8.02	7.19	25.25	39,509
14-1	12/11/1995	7:00	Mid	1.6	0.8	17.07	8.02	7.11	25.25	39,310
14-1	12/11/1995	7:00	Bottom	1.6	1.4	17.05	8.00	6.99	25.22	39,467
14-2	12/11/1995	7:10	Surface	1.6	0.2	16.42	8.08	7.41	25.02	39,191
14-2	12/11/1995	7:10	Mid	1.6	0.8	16.45	8.09	7.41	25.03	39,203
14-2	12/11/1995	7:10	Bottom	1.6	1.4	16.44	8.10	7.45	25.02	39,196
14-3	12/11/1995	7:20	Surface	1.2	0.2	16.64	8.08	7.32	24.78	38,847
14-3	12/11/1995	7:20	Mid	1.2	0.6	16.66	8.08	7.33	24.77	38,834
14-3	12/11/1995	7:20	Bottom	1.2	1.0	16.66	8.09	7.21	24.28	38,853
14-4	12/11/1995	7:30	Surface	1.4	0.2	17.24	8.01	6.84	25.32	39,613
14-4	12/11/1995	7:30	Mid	1.4	0.7	17.25	8.01	6.85	25.32	34,617
14-4	12/11/1995	7:30	Bottom	1.4	1.2	17.30	8.01	6.84	25.33	39,632
14-5	12/11/1995	7:45	Surface	2.3	0.2	16.44	8.02	7.16	25.34	39,603
14-5	12/11/1995	7:45	Mid	2.3	1.0	17.00	8.02	7.01	25.54	39,936
14-5	12/11/1995	7:45	Bottom	2.3	2.1	17.17	8.01	6.94	25.67	40,108
16-1	12/12/1995	5:55	Surface	3.8	0.2	16.59	7.80	6.99	27.07	42,074
16-1	12/12/1995	5:55	Mid	3.8	1.0	16.93	7.79	6.88	27.44	42,597
16-1	12/12/1995	5:55	Bottom	3.8	3.6	18.35	7.76	6.66	29.41	45,338
16-2	12/12/1995	6:10	Surface	3.5	0.2	16.59	7.80	6.95	26.90	41,834
16-2	12/12/1995	6:10	Mid	3.5	1.0	16.77	7.80	6.86	27.40	42,499
16-2	12/12/1995	6:10	Bottom	3.5	3.3	17.63	7.80	6.70	28.50	44,094
16-3	12/12/1995	6:20	Surface	1.6	0.2	17.40	7.85	7.01	29.10	44,903
16-3	12/12/1995	6:20	Mid	1.6	0.8	17.45	7.86	7.06	29.26	45,143
16-3	12/12/1995	6:20	Bottom	1.6	1.4	17.51	7.87	7.17	29.54	45,523
16-4	12/12/1995	6:30	Surface	0.8	0.2	17.25	7.86	6.87	30.05	46,229
16-4	12/12/1995	6:30	Mid	0.8	0.4	17.26	7.87	6.89	30.06	46,234
16-4	12/12/1995	6:30	Bottom	0.8	0.6	17.28	7.87	6.93	30.07	46,247
16-5	12/12/1995	6:40	Surface	3.3	0.2	17.91	7.87	6.78	30.08	46,817
16-5	12/12/1995	6:40	Mid	3.3	1.0	17.91	7.87	6.77	30.51	46,849
16-5	12/12/1995	6:40	Bottom	3.3	3.1	17.91	7.87	6.76	30.49	46,823
LB-1	12/12/1995	7:15	Surface	3.2	0.2	16.78	7.66	7.12	26.42	41,183
LB-1	12/12/1995	7:15	Mid	3.2	1.0	17.45	7.70	7.08	26.68	41,537
LB-1	12/12/1995	7:15	Bottom	3.2	3.0	18.53	7.79	7.02	28.35	43,858
LB-2	12/12/1995	7:25	Surface	1.4	0.2	17.36	7.55	6.69	25.97	40,382
LB-2	12/12/1995	7:25	Mid	1.4	0.7	17.36	7.55	6.68	25.98	40,410
LB-2	12/12/1995	7:25	Bottom	1.4	1.2	17.14	7.57	6.74	25.92	40,465
LB-3	12/12/1995	7:35	Surface	1.0	0.2	16.15	7.61	6.97	25.42	39,760
LB-3	12/12/1995	7:35	Mid	1.0	0.5	16.18	7.61	7.00	25.43	39,785
LB-3	12/12/1995	7:35	Bottom	1.0	0.8	16.18	7.62	7.05	25.43	39,780
LB-4	12/12/1995	7:45	Surface	2.7	0.2	16.28	8.15	7.46	25.72	40,184
LB-4	12/12/1995	7:45	Mid	2.7	1.0	16.29	8.16	7.24	25.74	40,213

Table 2. Results of Early Morning In Situ Measurements.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)
LB-4	12/12/1995	7:45	Bottom	2.7	2.5	17.85	8.13	6.76	27.10	42,110
LB-5	12/12/1995	7:55	Surface	2.1	0.2	16.35	8.16	7.45	27.45	42,617
LB-5	12/12/1995	7:55	Mid	2.1	1.0	16.37	8.16	7.47	27.41	42,626
LB-5	12/12/1995	7:55	Bottom	2.1	1.9	16.44	8.16	7.50	27.56	42,778
ML-1	12/13/1995	7:00	Surface	3.4	0.2	17.43	7.42	8.36	2.83	5,221
ML-1	12/13/1995	7:00	Mid	3.4	1.0	17.41	7.42	8.38	2.92	5,387
ML-1	12/13/1995	7:00	Bottom	3.4	3.2	17.48	7.40	8.38	2.98	5,489
ML-2	12/13/1995	7:10	Surface	1.0	0.2	17.65	7.46	8.43	3.04	5,716
ML-2	12/13/1995	7:10	Mid	1.0	0.5	17.66	7.45	8.43	3.61	6,547
ML-2	12/13/1995	7:10	Bottom	1.0	0.8	17.68	7.47	8.48	3.78	6,868
ML-3	12/13/1995	7:20	Surface	1.3	0.2	17.59	7.56	8.60	4.76	8,509
ML-3	12/13/1995	7:20	Mid	1.3	0.6	17.63	7.57	8.60	4.79	8,557
ML-3	12/13/1995	7:20	Bottom	1.3	1.1	17.83	7.55	8.59	4.83	8,583
ML-4	12/13/1995	7:35	Surface	1.7	0.2	17.17	7.53	8.43	5.39	9,559
ML-4	12/13/1995	7:35	Mid	1.7	0.8	17.22	7.51	8.43	5.64	9,967
ML-4	12/13/1995	7:35	Bottom	1.7	1.5	17.26	7.48	8.46	5.97	10,503
ML-5	12/13/1995	7:50	Surface	0.6	0.2	16.55	7.50	8.50	6.62	11,551
ML-5	12/13/1995	7:50	Mid	0.6	0.3	16.57	7.50	8.58	6.64	11,592
ML-5	12/13/1995	7:50	Bottom	0.6	0.4	16.57	7.51	8.70	6.65	11,620
MU-1	12/13/1995	6:00	Surface	1.4	0.2	17.77	7.04	6.62	0.13	280
MU-1	12/13/1995	6:00	Mid	1.4	0.7	17.80	7.05	6.65	0.13	281
MU-1	12/13/1995	6:00	Bottom	1.4	1.2	17.78	7.09	6.73	0.13	287
MU-2	12/13/1995	6:10	Surface	2.2	0.2	17.97	7.05	6.64	0.13	271
MU-2	12/13/1995	6:10	Mid	2.2	1.0	17.97	7.06	6.64	0.13	278
MU-2	12/13/1995	6:10	Bottom	2.2	2.0	17.84	7.09	6.73	0.14	302
MU-3	12/13/1995	6:25	Surface	3.0	0.2	18.20	7.31	8.14	0.15	315
MU-3	12/13/1995	6:25	Mid	3.0	1.0	18.22	7.31	8.14	0.16	320
MU-3	12/13/1995	6:25	Bottom	3.0	2.8	18.23	7.30	8.17	0.16	334
MU-4	12/13/1995	6:35	Surface	1.3	0.2	17.55	7.35	8.46	0.46	937
MU-4	12/13/1995	6:35	Mid	1.3	0.6	17.53	7.34	8.46	0.47	946
MU-4	12/13/1995	6:35	Bottom	1.3	1.1	17.54	7.33	8.48	0.47	943
MU-5	12/13/1995	6:50	Surface	1.9	0.2	17.40	7.40	8.39	1.94	3,665
MU-5	12/13/1995	6:50	Mid	1.9	0.9	17.51	7.38	8.37	2.02	3,808
MU-5	12/13/1995	6:50	Bottom	1.9	1.7	17.56	7.38	8.40	2.03	3,823

Light

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
10-1	1/23/1995	10:45	3.0	1.0	767.7	529.7	-0.7422
10-1	1/23/1995	10:45	3.0	1.0	834.0	576.6	-0.7382
10-1	1/23/1995	10:45	3.0	1.0	761.1	546.2	-0.6636
10-2	1/23/1995	13:50	2.3	1.0	164.6	112.8	-0.7558
10-2	1/23/1995	13:50	2.3	1.0	160.4	111.3	-0.7309
10-2	1/23/1995	13:50	2.3	1.0	189.7	130.2	-0.7527
10-3	1/23/1995	11:15	2.0	1.0	1100.0	737.5	-0.7996
10-3	1/23/1995	11:15	2.0	1.0	1118.0	744.2	-0.8140
10-3	1/23/1995	11:15	2.0	1.0	1103.0	725.8	-0.8370
10-4	1/23/1995	13:30	4.0	1.0	27.4	15.9	-1.0881
10-4	1/23/1995	13:30	4.0	1.0	26.9	15.3	-1.1381
10-4	1/23/1995	13:30	4.0	1.0	27.0	15.6	-1.1012
10-5	1/23/1995	13:00	4.3	1.0	62.5	39.1	-0.9376
10-5	1/23/1995	13:00	4.3	1.0	74.3	46.8	-0.9254
10-5	1/23/1995	13:00	4.3	1.0	65.4	40.9	-0.9406
11-1	1/23/1995	10:00	3.6	1.0	658.6	444.5	-0.7863
11-1	1/23/1995	10:00	3.6	1.0	745.4	448.3	-1.0169
11-1	1/23/1995	10:00	3.6	1.0	676.3	452.1	-0.8055
11-1rep	1/23/1995	10:00	3.6	1.0	661.6	390.9	-1.0524
11-1rep	1/23/1995	10:00	3.6	1.0	707.7	439.8	-0.9514
11-1rep	1/23/1995	10:00	3.6	1.0	742.6	440.9	-1.0427
11-2	1/23/1995	14:00	2.8	1.0	255.1	147.2	-1.0997
11-2	1/23/1995	14:00	2.8	1.0	276.2	154.8	-1.1580
11-2	1/23/1995	14:00	2.8	1.0	288.6	161.7	-1.1586
11-3	1/23/1995	11:50	2.3	1.0	865.1	518.6	-1.0234
11-3	1/23/1995	11:50	2.3	1.0	855.4	523.9	-0.9805
11-3	1/23/1995	11:50	2.3	1.0	953.0	530.8	-1.1705
11-4	1/23/1995	12:15	3.9	1.0	925.3	608.5	-0.8382
11-4	1/23/1995	12:15	3.9	1.0	952.6	744.0	-0.4943
11-4	1/23/1995	12:15	3.9	1.0	956.2	619.8	-0.8671
11-5	1/23/1995	12:35	3.9	1.0	961.5	670.2	-0.7218
11-5	1/23/1995	12:35	3.9	1.0	666.5	522.2	-0.4880
11-5	1/23/1995	12:35	3.9	1.0	768.3	570.4	-0.5957
13-1	1/25/1995	14:00	1.5	0.7	1076.0	805.1	-0.5801
13-1	1/25/1995	14:00	1.5	0.7	1129.0	783.7	-0.7301
13-1	1/25/1995	14:00	1.5	0.7	1049.0	836.1	-0.4537
13-2	1/25/1995	13:45	1.4	0.7	1240.0	917.7	-0.6020
13-2	1/25/1995	13:45	1.4	0.7	1220.0	786.8	-0.8773
13-2	1/25/1995	13:45	1.4	0.7	1568.0	867.3	-1.1843
13-3	1/25/1995	13:30	1.5	0.7	830.7	696.8	-0.3515
13-3	1/25/1995	13:30	1.5	0.7	932.5	660.8	-0.6888
13-3	1/25/1995	13:30	1.5	0.7	880.9	629.3	-0.6727
13-4	1/25/1995	13:00	1.5	0.7	710.1	621.6	-0.2662
13-4	1/25/1995	13:00	1.5	0.7	737.0	668.9	-0.1939
13-4	1/25/1995	13:00	1.5	0.7	836.3	825.8	-0.0253
13-5	1/25/1995	12:30	1.0	0.5	742.8	576.3	-0.5076
13-5	1/25/1995	12:30	1.0	0.5	761.6	638.4	-0.3529
13-5	1/25/1995	12:30	1.0	0.5	809.3	697.0	-0.2988
14-1	1/25/1995	12:00	1.7	0.8	884.5	597.4	-0.7849
14-1	1/25/1995	12:00	1.7	0.8	864.3	630.9	-0.6295
14-1	1/25/1995	12:00	1.7	0.8	860.2	599.7	-0.7215
14-2	1/25/1995	11:30	1.0	0.5	1102.0	798.3	-0.6448
14-2	1/25/1995	11:30	1.0	0.5	1159.0	790.1	-0.7663
14-2	1/25/1995	11:30	1.0	0.5	1158.0	791.8	-0.7603
14-3	1/25/1995	11:10	0.6	0.3	1233.0	984.2	-0.4508
14-3	1/25/1995	11:10	0.6	0.3	1267.0	1015.0	-0.4435
14-3	1/25/1995	11:10	0.6	0.3	1240.0	1020.0	-0.3906
14-4	1/25/1995	10:50	1.3	0.6	1011.0	792.6	-0.4868
14-4	1/25/1995	10:50	1.3	0.6	866.5	545.3	-0.9263
14-4	1/25/1995	10:50	1.3	0.6	1026.0	836.3	-0.4089
14-5	1/25/1995	10:30	2.1	1.0	851.2	711.4	-0.3588
14-5	1/25/1995	10:30	2.1	1.0	872.0	653.7	-0.5763
14-5	1/25/1995	10:30	2.1	1.0	886.3	697.4	-0.4794
14-5rep	1/25/1995	10:30	2.1	1.0	866.2	676.0	-0.4958

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
14-5rep	1/25/1995	10:30	2.1	1.0	868.7	648.1	-0.5859
14-5rep	1/25/1995	10:30	2.1	1.0	871.3	675.1	-0.5103
16-1	1/26/1995	10:15	2.6	1.0	916.2	677.7	-0.6031
16-1	1/26/1995	10:15	2.6	1.0	915.0	661.6	-0.6485
16-1	1/26/1995	10:15	2.6	1.0	885.0	652.6	-0.6092
16-1rep	1/26/1995	10:15	2.6	1.0	922.0	679.1	-0.6116
16-1rep	1/26/1995	10:15	2.6	1.0	911.7	659.7	-0.6471
16-1rep	1/26/1995	10:15	2.6	1.0	907.3	644.6	-0.6837
16-2	1/26/1995	10:30	1.2	0.6	1071.0	685.6	-0.8921
16-2	1/26/1995	10:30	1.2	0.6	1051.0	677.9	-0.8770
16-2	1/26/1995	10:30	1.2	0.6	1020.0	666.8	-0.8501
16-3	1/26/1995	10:45	1.5	0.7	1103.0	736.5	-0.8078
16-3	1/26/1995	10:45	1.5	0.7	1080.0	661.8	-0.9795
16-3	1/26/1995	10:45	1.5	0.7	1047.0	751.3	-0.6638
16-4	1/26/1995	11:15	0.7	0.3	1375.0	808.4	-1.0623
16-4	1/26/1995	11:15	0.7	0.3	1377.0	788.0	-1.1163
16-4	1/26/1995	11:15	0.7	0.3	1379.0	806.5	-1.0728
16-5	1/26/1995	11:30	1.0	0.5	857.8	312.0	-2.0227
16-5	1/26/1995	11:30	1.0	0.5	873.6	329.9	-1.9477
16-5	1/26/1995	11:30	1.0	0.5	901.6	373.8	-1.7609
LB-1	1/26/1995	13:55	1.5	0.7	800.3	441.0	-1.1919
LB-1	1/26/1995	13:55	1.5	0.7	712.6	451.8	-0.9114
LB-1	1/26/1995	13:55	1.5	0.7	783.5	474.0	-1.0051
LB-2	1/26/1995	13:20	3.0	1.0	776.4	469.6	-1.0056
LB-2	1/26/1995	13:20	3.0	1.0	916.9	500.7	-1.2100
LB-2	1/26/1995	13:20	3.0	1.0	937.0	541.4	-1.0970
LB-3	1/26/1995	12:50	1.0	0.5	1069.0	576.9	-1.2336
LB-3	1/26/1995	12:50	1.0	0.5	1140.0	550.0	-1.4577
LB-3	1/26/1995	12:50	1.0	0.5	1100.0	541.8	-1.4163
LB-4	1/26/1995	12:30	2.0	1.0	913.5	690.9	-0.5586
LB-4	1/26/1995	12:30	2.0	1.0	953.8	682.0	-0.6708
LB-4	1/26/1995	12:30	2.0	1.0	1007.0	716.3	-0.6813
LB-5	1/26/1995	12:00	0.7	0.3	1261.0	1080.0	-0.3099
LB-5	1/26/1995	12:00	0.7	0.3	1212.0	949.8	-0.4876
LB-5	1/26/1995	12:00	0.7	0.3	1067.0	881.3	-0.3824
ML-1	1/24/1995	11:30	1.6	0.8	371.6	130.4	-2.0944
ML-1	1/24/1995	11:30	1.6	0.8	522.3	90.3	-3.5102
ML-1	1/24/1995	11:30	1.6	0.8	480.2	133.8	-2.5557
ML-2	1/24/1995	11:00	1.1	0.5	359.2	123.1	-2.1418
ML-2	1/24/1995	11:00	1.1	0.5	350.5	95.3	-2.6055
ML-2	1/24/1995	11:00	1.1	0.5	387.3	128.9	-2.2003
ML-3	1/24/1995	10:30	0.6	0.3	912.7	229.0	-2.7654
ML-3	1/24/1995	10:30	0.6	0.3	888.3	215.2	-2.8355
ML-3	1/24/1995	10:30	0.6	0.3	866.8	208.8	-2.8469
ML-4	1/24/1995	10:15	1.4	0.7	305.1	92.1	-2.3953
ML-4	1/24/1995	10:15	1.4	0.7	258.8	92.1	-2.0661
ML-4	1/24/1995	10:15	1.4	0.7	338.8	105.7	-2.3296
ML-5	1/24/1995	10:00	1.3	0.7	216.0	79.1	-2.0089
ML-5	1/24/1995	10:00	1.3	0.7	221.3	86.3	-1.8831
ML-5	1/24/1995	10:00	1.3	0.7	195.2	84.0	-1.6871
ML-5rep	1/24/1995	10:00	1.3	0.7	244.1	98.0	-1.8252
ML-5rep	1/24/1995	10:00	1.3	0.7	237.9	96.2	-1.8108
ML-5rep	1/24/1995	10:00	1.3	0.7	204.7	89.7	-1.6501
MU-1	1/24/1995	14:15	1.6	0.8	232.8	71.8	-2.3518
MU-1	1/24/1995	14:15	1.6	0.8	179.6	64.4	-2.0525
MU-1	1/24/1995	14:15	1.6	0.8	259.3	74.5	-2.4949
MU-2	1/24/1995	13:45	1.7	0.8	181.9	70.7	-1.8912
MU-2	1/24/1995	13:45	1.7	0.8	185.9	61.4	-2.2169
MU-2	1/24/1995	13:45	1.7	0.8	204.1	60.7	-2.4267
MU-3	1/24/1995	13:15	0.8	0.4	560.3	187.9	-2.1851
MU-3	1/24/1995	13:15	0.8	0.4	508.7	141.0	-2.5662
MU-3	1/24/1995	13:15	0.8	0.4	536.8	192.4	-2.0521
MU-4	1/24/1995	12:45	0.9	0.4	784.6	205.4	-2.6804
MU-4	1/24/1995	12:45	0.9	0.4	679.2	193.6	-2.5102

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
MU-4	1/24/1995	12:45	0.9	0.4	606.9	244.0	-1.8224
MU-5	1/24/1995	12:00	1.0	0.5	461.8	195.0	-1.7243
MU-5	1/24/1995	12:00	1.0	0.5	571.3	197.7	-2.1223
MU-5	1/24/1995	12:00	1.0	0.5	671.7	202.9	-2.3942
10-1	2/13/1995	10:15	2.9	1.0	98.58	70.21	-0.6788
10-1	2/13/1995	10:15	2.9	1.0	97.79	68.80	-0.7032
10-1	2/13/1995	10:15	2.9	1.0	96.98	67.74	-0.7177
10-1 Rep	2/13/1995	10:15	2.9	1.0	99.50	70.11	-0.7002
10-1 Rep	2/13/1995	10:15	2.9	1.0	97.23	67.92	-0.7175
10-1 Rep	2/13/1995	10:15	2.9	1.0	98.51	70.02	-0.6828
10-2	2/13/1995	10:30	1.4	0.7	219.60	110.70	-1.3700
10-2	2/13/1995	10:30	1.4	0.7	216.30	107.50	-1.3984
10-2	2/13/1995	10:30	1.4	0.7	205.90	103.80	-1.3698
10-3	2/13/1995	10:45	1.0	0.5	144.50	60.40	-1.7446
10-3	2/13/1995	10:45	1.0	0.5	146.90	59.56	-1.8055
10-3	2/13/1995	10:45	1.0	0.5	140.90	59.60	-1.7208
10-4	2/13/1995	11:15	2.2	1.0	323.00	149.40	-1.5421
10-4	2/13/1995	11:15	2.2	1.0	325.60	151.40	-1.5315
10-4	2/13/1995	11:15	2.2	1.0	329.60	154.20	-1.5193
10-5	2/13/1995	11:45	4.8	1.0	428.90	190.80	-1.6200
10-5	2/13/1995	11:45	4.8	1.0	430.30	192.80	-1.6057
10-5	2/13/1995	11:45	4.8	1.0	440.60	194.30	-1.6375
11-1	2/13/1995	10:00	2.4	1.0	66.54	41.76	-0.9317
11-1	2/13/1995	10:00	2.4	1.0	67.78	44.24	-0.8533
11-1	2/13/1995	10:00	2.4	1.0	70.67	44.46	-0.9269
11-2	2/13/1995	13:05	2.9	1.0	409.30	269.50	-0.8358
11-2	2/13/1995	13:05	2.9	1.0	396.50	267.70	-0.7856
11-2	2/13/1995	13:05	2.9	1.0	379.90	259.10	-0.7654
11-3	2/13/1995	12:40	2.7	1.0	445.00	290.90	-0.8502
11-3	2/13/1995	12:40	2.7	1.0	438.20	285.90	-0.8541
11-3	2/13/1995	12:40	2.7	1.0	432.00	282.60	-0.8488
11-4	2/13/1995	12:25	1.4	0.7	376.20	197.10	-1.2928
11-4	2/13/1995	12:25	1.4	0.7	387.90	200.20	-1.3229
11-4	2/13/1995	12:25	1.4	0.7	393.80	202.10	-1.3342
11-5	2/13/1995	12:05	2.0	1.0	352.30	222.60	-0.9182
11-5	2/13/1995	12:05	2.0	1.0	347.10	219.30	-0.9183
11-5	2/13/1995	12:05	2.0	1.0	345.30	218.30	-0.9171
13-1	2/14/1995	13:50	2.0	1.0	167.70	104.60	-0.9441
13-1	2/14/1995	13:50	2.0	1.0	167.60	104.70	-0.9410
13-1	2/14/1995	13:50	2.0	1.0	168.00	104.90	-0.9419
13-2	2/14/1995	13:25	1.5	0.7	129.00	84.90	-0.8367
13-2	2/14/1995	13:25	1.5	0.7	129.90	85.68	-0.8323
13-2	2/14/1995	13:25	1.5	0.7	130.10	85.63	-0.8365
13-3	2/14/1995	13:00	1.2	0.6	226.10	160.40	-0.6866
13-3	2/14/1995	13:00	1.2	0.6	228.90	163.00	-0.6791
13-3	2/14/1995	13:00	1.2	0.6	221.40	157.60	-0.6798
13-4	2/14/1995	12:30	3.0	1.0	224.50	145.90	-0.8619
13-4	2/14/1995	12:30	3.0	1.0	220.20	141.40	-0.8859
13-4	2/14/1995	12:30	3.0	1.0	221.00	142.60	-0.8762
13-5	2/14/1995	11:15	1.5	0.7	359.50	250.70	-0.7209
13-5	2/14/1995	11:15	1.5	0.7	350.60	246.90	-0.7013
13-5	2/14/1995	11:15	1.5	0.7	351.80	244.00	-0.7318
14-1	2/14/1995	11:00	1.7	0.8	487.40	326.40	-0.8019
14-1	2/14/1995	11:00	1.7	0.8	537.70	345.00	-0.8875
14-1	2/14/1995	11:00	1.7	0.8	603.10	372.10	-0.9658
14-2	2/14/1995	10:45	1.4	0.7	539.50	374.60	-0.7296
14-2	2/14/1995	10:45	1.4	0.7	544.90	379.40	-0.7240
14-2	2/14/1995	10:45	1.4	0.7	534.40	369.60	-0.7374
14-3	2/14/1995	10:30	2.0	1.0	270.90	180.30	-0.8143
14-3	2/14/1995	10:30	2.0	1.0	272.80	181.90	-0.8106
14-3	2/14/1995	10:30	2.0	1.0	272.20	183.00	-0.7941
14-4	2/14/1995	10:15	1.3	0.6	240.70	173.10	-0.6594
14-4	2/14/1995	10:15	1.3	0.6	237.10	171.50	-0.6478
14-4	2/14/1995	10:15	1.3	0.6	231.20	167.20	-0.6482

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
14-5	2/14/1995	10:00	1.0	0.5	127.30	85.25	-0.8019
14-5	2/14/1995	10:00	1.0	0.5	120.20	81.54	-0.7761
14-5	2/14/1995	10:00	1.0	0.5	158.60	112.10	-0.6940
14-5rep	2/14/1995	10:00	1.0	0.5	141.40	98.22	-0.7288
14-5rep	2/14/1995	10:00	1.0	0.5	131.70	88.32	-0.7991
14-5rep	2/14/1995	10:00	1.0	0.5	138.90	96.11	-0.7365
16-1	2/15/1995	13:45	1.1	0.5	1058.00	707.40	-0.8051
16-1	2/15/1995	13:45	1.1	0.5	1066.00	714.60	-0.7999
16-1	2/15/1995	13:45	1.1	0.5	1026.00	740.60	-0.6519
16-2	2/15/1995	13:15	1.0	0.5	1036.00	652.50	-0.9246
16-2	2/15/1995	13:15	1.0	0.5	1075.00	685.50	-0.8999
16-2	2/15/1995	13:15	1.0	0.5	947.70	694.20	-0.6226
16-3	2/15/1995	13:00	2.0	1.0	1044.00	714.50	-0.7585
16-3	2/15/1995	13:00	2.0	1.0	1054.00	757.70	-0.6601
16-3	2/15/1995	13:00	2.0	1.0	1028.00	736.80	-0.6661
16-4	2/15/1995	12:45	1.0	0.5	1063.00	656.70	-0.9632
16-4	2/15/1995	12:45	1.0	0.5	1059.00	661.90	-0.9399
16-4	2/15/1995	12:45	1.0	0.5	1048.00	669.30	-0.8968
16-5	2/15/1995	12:20	3.0	1.0	1095.00	700.60	-0.8931
16-5	2/15/1995	12:20	3.0	1.0	1093.00	699.60	-0.8923
16-5	2/15/1995	12:20	3.0	1.0	1094.00	708.60	-0.8686
LB-1	2/15/1995	11:00	1.0	0.5	853.10	411.70	-1.4572
LB-1	2/15/1995	11:00	1.0	0.5	824.30	458.00	-1.1753
LB-1	2/15/1995	11:00	1.0	0.5	797.40	465.60	-1.0761
LB-2	2/15/1995	10:40	1.1	0.5	688.60	372.70	-1.2278
LB-2	2/15/1995	10:40	1.1	0.5	697.80	362.10	-1.3120
LB-2	2/15/1995	10:40	1.1	0.5	751.80	360.10	-1.4722
LB-3	2/15/1995	10:20	3.0	1.0	791.80	405.80	-1.3369
LB-3	2/15/1995	10:20	3.0	1.0	883.90	430.20	-1.4402
LB-3	2/15/1995	10:20	3.0	1.0	874.10	423.80	-1.4479
LB-4	2/15/1995	10:10	1.3	0.6	784.40	446.60	-1.1265
LB-4	2/15/1995	10:10	1.3	0.6	762.20	484.20	-0.9074
LB-4	2/15/1995	10:10	1.3	0.6	801.00	499.80	-0.9433
LB-5	2/15/1995	10:00	2.5	1.0	667.90	392.60	-1.0627
LB-5	2/15/1995	10:00	2.5	1.0	697.90	408.40	-1.0717
LB-5	2/15/1995	10:00	2.5	1.0	687.40	440.60	-0.8896
LB-5 Rep	2/15/1995	10:00	2.5	1.0	677.10	412.60	-0.9907
LB-5 Rep	2/15/1995	10:00	2.5	1.0	666.20	404.90	-0.9959
LB-5 Rep	2/15/1995	10:00	2.5	1.0	668.30	442.10	-0.8264
ML-1	2/16/1995	12:55	1.2	0.6	555.80	165.60	-2.4217
ML-1	2/16/1995	12:55	1.2	0.6	578.80	167.10	-2.4847
ML-1	2/16/1995	12:55	1.2	0.6	523.90	180.90	-2.1267
ML-2	2/16/1995	13:15	1.0	0.5	1035.00	284.90	-2.5800
ML-2	2/16/1995	13:15	1.0	0.5	1032.00	280.30	-2.6068
ML-2	2/16/1995	13:15	1.0	0.5	1080.00	283.70	-2.6736
ML-3	2/16/1995	13:30	1.2	0.6	886.90	196.90	-3.0101
ML-3	2/16/1995	13:30	1.2	0.6	828.60	193.70	-2.9069
ML-3	2/16/1995	13:30	1.2	0.6	816.20	194.40	-2.8695
ML-4	2/16/1995	13:45	2.0	1.0	424.50	136.60	-2.2677
ML-4	2/16/1995	13:45	2.0	1.0	432.70	141.50	-2.2355
ML-4	2/16/1995	13:45	2.0	1.0	440.60	145.20	-2.2201
ML-5	2/16/1995	14:00	1.5	0.7	308.80	84.47	-2.5926
ML-5	2/16/1995	14:00	1.5	0.7	301.70	84.14	-2.5539
ML-5	2/16/1995	14:00	1.5	0.7	308.90	83.46	-2.6173
MU-1	2/16/1995	10:00	2.9	1.0	121.00	43.58	-2.0424
MU-1	2/16/1995	10:00	2.9	1.0	120.00	43.28	-2.0396
MU-1	2/16/1995	10:00	2.9	1.0	118.50	42.83	-2.0353
MU-1 Rep	2/16/1995	10:00	2.9	1.0	123.10	44.12	-2.0522
MU-1 Rep	2/16/1995	10:00	2.9	1.0	119.10	42.83	-2.0454
MU-1 Rep	2/16/1995	10:00	2.9	1.0	118.30	42.77	-2.0348
MU-2	2/16/1995	10:10	3.8	1.0	73.28	25.21	-2.1341
MU-2	2/16/1995	10:10	3.8	1.0	74.24	25.51	-2.1365
MU-2	2/16/1995	10:10	3.8	1.0	74.74	25.75	-2.1312
MU-3	2/16/1995	10:30	1.8	0.9	355.30	119.30	-2.1826

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
MU-3	2/16/1995	10:30	1.8	0.9	348.20	111.80	-2.2721
MU-3	2/16/1995	10:30	1.8	0.9	329.30	117.00	-2.0696
MU-4	2/16/1995	10:50	2.0	1.0	303.20	111.30	-2.0043
MU-4	2/16/1995	10:50	2.0	1.0	293.50	120.10	-1.7871
MU-4	2/16/1995	10:50	2.0	1.0	311.30	119.70	-1.9115
MU-5	2/16/1995	12:30	1.2	0.6	510.60	157.00	-2.3587
MU-5	2/16/1995	12:30	1.2	0.6	489.00	147.80	-2.3930
MU-5	2/16/1995	12:30	1.2	0.6	445.10	145.30	-2.2390
10-1	3/13/1995	12:40	3.6	1.0	974.30	669.70	-0.7498
10-1	3/13/1995	12:40	3.6	1.0	1007.00	708.60	-0.7029
10-1	3/13/1995	12:40	3.6	1.0	1056.00	748.80	-0.6875
10-2	3/13/1995	13:56	2.3	1.0	434.80	301.30	-0.7336
10-2	3/13/1995	13:56	2.3	1.0	447.00	302.60	-0.7803
10-2	3/13/1995	13:56	2.3	1.0	478.90	305.40	-0.8997
10-3	3/13/1995	13:11	7.0	1.0	1643.00	1380.00	-0.3489
10-3	3/13/1995	13:11	7.0	1.0	1691.00	1387.00	-0.3964
10-3	3/13/1995	13:11	7.0	1.0	463.00	391.70	-0.3345
10-4	3/13/1995	14:01	4.4	1.0	765.30	509.80	-0.8125
10-4	3/13/1995	14:01	4.4	1.0	950.60	634.40	-0.8088
10-4	3/13/1995	14:01	4.4	1.0	1041.00	694.20	-0.8104
10-5	3/13/1995	10:46	1.6	0.8	311.00	184.30	-1.0465
10-5	3/13/1995	10:46	1.6	0.8	309.10	182.80	-1.0505
10-5	3/13/1995	10:46	1.6	0.8	301.60	183.60	-0.9927
10-5 Rep	3/13/1995	10:48	1.6	0.8	300.90	182.70	-0.9979
10-5 Rep	3/13/1995	10:48	1.6	0.8	304.40	182.80	-1.0199
10-5 Rep	3/13/1995	10:48	1.6	0.8	309.70	184.60	-1.0348
11-1	3/13/1995	12:23	3.5	1.0	802.60	563.00	-0.7092
11-1	3/13/1995	12:23	3.5	1.0	861.70	582.20	-0.7842
11-1	3/13/1995	12:23	3.5	1.0	911.20	589.80	-0.8700
11-2	3/13/1995	12:08	3.3	1.0	1599.00	1069.00	-0.8053
11-2	3/13/1995	12:08	3.3	1.0	1587.00	1081.00	-0.7679
11-2	3/13/1995	12:08	3.3	1.0	1605.00	1089.00	-0.7757
11-3	3/13/1995	11:44	2.5	1.0	1215.00	938.60	-0.5162
11-3	3/13/1995	11:44	2.5	1.0	1251.00	918.10	-0.6188
11-3	3/13/1995	11:44	2.5	1.0	1226.00	903.00	-0.6116
11-4	3/13/1995	11:26	4.0	1.0	632.90	408.10	-0.8776
11-4	3/13/1995	11:26	4.0	1.0	682.60	433.00	-0.9103
11-4	3/13/1995	11:27	4.0	1.0	653.90	433.10	-0.8240
11-5	3/13/1995	11:08	1.4	0.7	249.40	157.50	-0.9193
11-5	3/13/1995	11:08	1.4	0.7	249.00	155.50	-0.9416
11-5	3/13/1995	11:08	1.4	0.7	240.20	154.70	-0.8800
13-1	3/14/1995	14:08	1.2	0.6	1201.00	847.60	-0.6970
13-1	3/14/1995	14:08	1.2	0.6	1212.00	832.20	-0.7519
13-1	3/14/1995	14:08	1.2	0.6	1256.00	836.00	-0.8141
13-2	3/14/1995	13:55	1.6	0.8	1148.00	704.80	-0.9757
13-2	3/14/1995	13:55	1.6	0.8	1130.00	713.50	-0.9196
13-2	3/14/1995	13:55	1.6	0.8	1039.00	698.60	-0.7939
13-3	3/14/1995	13:43	1.6	0.8	1001.00	772.30	-0.5188
13-3	3/14/1995	13:43	1.6	0.8	1090.00	740.20	-0.7740
13-3	3/14/1995	13:43	1.6	0.8	1062.00	738.00	-0.7279
13-4	3/14/1995	13:32	4.3	1.0	1217.00	711.40	-1.0738
13-4	3/14/1995	13:32	4.3	1.0	1310.00	710.70	-1.2231
13-4	3/14/1995	13:32	4.3	1.0	1266.00	700.80	-1.1828
13-5	3/14/1995	13:15	2.7	1.0	1176.00	761.40	-0.8694
13-5	3/14/1995	13:15	2.7	1.0	1281.00	726.20	-1.1351
13-5	3/14/1995	13:15	2.7	1.0	1260.00	744.70	-1.0518
14-1	3/14/1995	11:27	1.8	0.9	999.40	545.00	-1.2127
14-1	3/14/1995	11:27	1.8	0.9	1028.00	545.20	-1.2684
14-1	3/14/1995	11:27	1.8	0.9	1042.00	556.40	-1.2548
14-2	3/14/1995	11:14	1.7	0.8	1230.00	700.80	-1.1251
14-2	3/14/1995	11:14	1.7	0.8	1271.00	678.80	-1.2545
14-2	3/14/1995	11:14	1.7	0.8	1214.00	686.70	-1.1396
14-3	3/14/1995	10:53	0.9	0.4	1416.00	858.80	-1.0001
14-3	3/14/1995	10:53	0.9	0.4	1511.00	867.60	-1.1096

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
14-3	3/14/1995	10:53	0.9	0.4	1570.00	893.00	-1.1285
14-4	3/14/1995	10:32	1.8	0.9	968.30	638.10	-0.8341
14-4	3/14/1995	10:32	1.8	0.9	1029.00	608.50	-1.0507
14-4	3/14/1995	10:32	1.8	0.9	1049.00	619.40	-1.0537
14-5	3/14/1995	10:11	1.5	0.7	1200.00	887.80	-0.6027
14-5	3/14/1995	10:11	1.5	0.7	1271.00	900.10	-0.6901
14-5	3/14/1995	10:11	1.5	0.7	1199.00	921.60	-0.5263
14-5 Rep	3/14/1995	10:11	1.5	0.7	1195.00	876.70	-0.6195
14-5 Rep	3/14/1995	10:11	1.5	0.7	1209.00	883.10	-0.6282
14-5 Rep	3/14/1995	10:11	1.5	0.7	1245.00	915.20	-0.6155
16-1	3/15/1995	14:00	1.8	0.9	263.80	230.80	-0.2673
16-1	3/15/1995	14:00	1.8	0.9	264.80	232.20	-0.2628
16-1	3/15/1995	14:00	1.8	0.9	266.30	235.20	-0.2484
16-2	3/15/1995	13:45	1.2	0.6	336.30	258.90	-0.5231
16-2	3/15/1995	13:45	1.2	0.6	337.30	260.30	-0.5183
16-2	3/15/1995	13:45	1.2	0.6	336.60	260.90	-0.5095
16-3	3/15/1995	13:33	1.5	0.7	321.00	245.40	-0.5371
16-3	3/15/1995	13:33	1.5	0.7	317.80	240.10	-0.5607
16-3	3/15/1995	13:33	1.5	0.7	311.00	236.00	-0.5519
16-4	3/15/1995	13:19	3.1	1.0	323.20	248.20	-0.5281
16-4	3/15/1995	13:19	3.1	1.0	329.70	251.70	-0.5399
16-4	3/15/1995	13:19	3.1	1.0	332.70	252.60	-0.5509
16-5	3/15/1995	13:01	1.7	0.8	541.20	416.30	-0.5248
16-5	3/15/1995	13:01	1.7	0.8	542.80	416.30	-0.5307
16-5	3/15/1995	13:02	1.7	0.8	544.80	415.80	-0.5404
LB-1	3/15/1995	11:00	0.8	0.4	1291.00	844.00	-0.8500
LB-1	3/15/1995	11:00	0.8	0.4	1264.00	830.40	-0.8403
LB-1	3/15/1995	11:00	0.8	0.4	1291.00	822.00	-0.9029
LB-2	3/15/1995	10:35	0.7	0.3	638.00	304.50	-1.4793
LB-2	3/15/1995	10:35	0.7	0.3	643.10	304.90	-1.4926
LB-2	3/15/1995	10:35	0.7	0.3	589.40	293.00	-1.3979
LB-3	3/15/1995	10:17	1.3	0.6	505.10	312.30	-0.9616
LB-3	3/15/1995	10:17	1.3	0.6	490.00	304.20	-0.9534
LB-3	3/15/1995	10:17	1.3	0.6	485.00	300.90	-0.9547
LB-4	3/15/1995	10:01	1.2	0.6	397.70	244.20	-0.9754
LB-4	3/15/1995	10:01	1.2	0.6	401.00	245.90	-0.9781
LB-4	3/15/1995	10:01	1.2	0.6	399.30	245.30	-0.9745
LB-5	3/15/1995	9:41	2.2	1.0	367.60	249.60	-0.7743
LB-5	3/15/1995	9:41	2.2	1.0	358.30	243.50	-0.7725
LB-5	3/15/1995	9:41	2.2	1.0	357.70	239.20	-0.8048
LB-5 Rep	3/15/1995	9:44	2.2	1.0	355.20	242.00	-0.7675
LB-5 Rep	3/15/1995	9:44	2.2	1.0	359.80	244.10	-0.7759
LB-5 Rep	3/15/1995	9:44	2.2	1.0	366.10	248.60	-0.7741
ML-1	3/16/1995	12:07	1.8	0.9	537.10	251.50	-1.5175
ML-1	3/16/1995	12:07	1.8	0.9	544.00	258.50	-1.4881
ML-1	3/16/1995	12:07	1.8	0.9	532.00	258.50	-1.4435
ML-2	3/16/1995	12:24	1.7	0.8	540.80	259.40	-1.4694
ML-2	3/16/1995	12:24	1.7	0.8	481.10	246.70	-1.3358
ML-2	3/16/1995	12:24	1.7	0.8	493.40	250.30	-1.3573
ML-3	3/16/1995	12:38	2.8	1.0	683.20	282.60	-1.7655
ML-3	3/16/1995	12:38	2.8	1.0	671.50	288.00	-1.6931
ML-3	3/16/1995	12:38	2.8	1.0	652.90	278.90	-1.7011
ML-4	3/16/1995	12:59	4.0	1.0	587.20	250.30	-1.7054
ML-4	3/16/1995	12:59	4.0	1.0	559.10	237.80	-1.7098
ML-4	3/16/1995	12:59	4.0	1.0	564.10	240.70	-1.7034
ML-5	3/16/1995	13:27	1.5	0.7	142.20	75.75	-1.2596
ML-5	3/16/1995	13:27	1.5	0.7	143.60	76.52	-1.2590
ML-5	3/16/1995	13:27	1.5	0.7	153.20	79.01	-1.3243
MU-1	3/16/1995	10:03	2.5	1.0	629.00	253.70	-1.8160
MU-1	3/16/1995	10:03	2.5	1.0	631.80	257.40	-1.7959
MU-1	3/16/1995	10:03	2.5	1.0	535.50	268.30	-1.3822
MU-2	3/16/1995	10:29	1.3	0.6	643.80	316.10	-1.4227
MU-2	3/16/1995	10:29	1.3	0.6	603.90	307.90	-1.3473
MU-2	3/16/1995	10:29	1.3	0.6	556.00	340.00	-0.9836

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
MU-3	3/16/1995	10:55	1.5	0.7	365.30	238.20	-0.8552
MU-3	3/16/1995	10:55	1.5	0.7	378.40	235.20	-0.9510
MU-3	3/16/1995	10:55	1.5	0.7	361.50	240.30	-0.8167
MU-4	3/16/1995	11:10	1.6	0.8	520.20	243.90	-1.5149
MU-4	3/16/1995	11:10	1.6	0.8	519.80	249.90	-1.4648
MU-4	3/16/1995	11:10	1.6	0.8	537.90	250.20	-1.5308
MU-5	3/16/1995	11:33	0.7	0.3	1162.00	408.20	-2.0923
MU-5	3/16/1995	11:33	0.7	0.3	1146.00	387.00	-2.1712
MU-5	3/16/1995	11:33	0.7	0.3	1152.00	400.50	-2.1131
MU-5 Rep	3/16/1995	11:35	0.7	0.3	1155.00	403.10	-2.1053
MU-5 Rep	3/16/1995	11:35	0.7	0.3	1152.00	400.80	-2.1116
MU-5 Rep	3/16/1995	11:35	0.7	0.3	1147.00	398.40	-2.1149
10-1	4/20/1995	12:50	3.3	1.0	1759.00	1373.00	-0.4955
10-1	4/20/1995	12:50	3.3	1.0	1688.00	1432.00	-0.3289
10-1	4/20/1995	12:50	3.3	1.0	1824.00	1423.00	-0.4965
10-2	4/20/1995	13:30	2.1	1.0	1724.00	1436.00	-0.3656
10-2	4/20/1995	13:30	2.1	1.0	1733.00	1407.00	-0.4168
10-2	4/20/1995	13:30	2.1	1.0	1913.00	1547.00	-0.4247
10-3	4/20/1995	13:15	4.0	1.0	1692.00	1246.00	-0.6119
10-3	4/20/1995	13:15	4.0	1.0	1639.00	1254.00	-0.5355
10-3	4/20/1995	13:15	4.0	1.0	1782.00	1250.00	-0.7092
10-4	4/20/1995	13:55	3.7	1.0	1506.00	1263.00	-0.3519
10-4	4/20/1995	13:55	3.7	1.0	1413.00	1216.00	-0.3003
10-4	4/20/1995	13:55	3.7	1.0	1420.00	1234.00	-0.2808
10-5	4/20/1995	14:10	3.1	1.0	1734.00	1242.00	-0.6674
10-5	4/20/1995	14:10	3.1	1.0	1676.00	1237.00	-0.6074
10-5	4/20/1995	14:10	3.1	1.0	1651.00	1238.00	-0.5758
11-1	4/20/1995	12:30	3.5	1.0	1210.00	686.20	-1.1344
11-1	4/20/1995	12:30	3.5	1.0	1219.00	681.50	-1.1630
11-1	4/20/1995	12:30	3.5	1.0	1255.00	700.70	-1.1656
11-2	4/20/1995	12:15	3.5	1.0	1554.00	1086.00	-0.7167
11-2	4/20/1995	12:15	3.5	1.0	1591.00	1080.00	-0.7748
11-2	4/20/1995	12:15	3.5	1.0	1596.00	1152.00	-0.6520
11-3	4/20/1995	11:50	3.0	1.0	1294.00	874.20	-0.7844
11-3	4/20/1995	11:50	3.0	1.0	1326.00	867.00	-0.8498
11-3	4/20/1995	11:50	3.0	1.0	1230.00	867.80	-0.6976
11-4	4/20/1995	10:55	2.1	1.0	1280.00	833.90	-0.8570
11-4	4/20/1995	10:55	2.1	1.0	1204.00	848.30	-0.7003
11-4	4/20/1995	10:55	2.1	1.0	1242.00	884.30	-0.6794
11-5	4/20/1995	10:30	3.0	1.0	1219.00	884.70	-0.6411
11-5	4/20/1995	10:30	3.0	1.0	1214.00	889.00	-0.6232
11-5	4/20/1995	10:30	3.0	1.0	1139.00	826.90	-0.6404
11-5 rep	4/20/1995	10:35	3.0	1.0	1145.00	861.50	-0.5690
11-5 rep	4/20/1995	10:35	3.0	1.0	1134.00	846.10	-0.5857
11-5 rep	4/20/1995	10:35	3.0	1.0	1133.00	851.40	-0.5715
13-1	4/19/1995	14:10	1.7	0.9	1244.00	820.70	-0.8319
13-1	4/19/1995	14:10	1.7	0.9	1252.00	812.00	-0.8660
13-1	4/19/1995	14:10	1.7	0.9	1203.00	819.30	-0.7682
13-2	4/19/1995	13:50	1.6	0.8	1076.00	602.90	-1.1585
13-2	4/19/1995	13:50	1.6	0.8	1076.00	604.50	-1.1532
13-2	4/19/1995	13:50	1.6	0.8	1088.00	612.90	-1.1478
13-3	4/19/1995	13:00	2.4	1.0	1230.00	753.60	-0.9798
13-3	4/19/1995	13:00	2.4	1.0	1221.00	730.40	-1.0277
13-3	4/19/1995	13:00	2.4	1.0	1215.00	725.20	-1.0321
13-4	4/19/1995	12:20	0.7	0.4	1808.00	1374.00	-0.5490
13-4	4/19/1995	12:20	0.7	0.4	1789.00	1379.00	-0.5206
13-4	4/19/1995	12:20	0.7	0.4	1790.00	1187.00	-0.8216
13-5	4/19/1995	12:40	2.3	1.0	1163.00	770.50	-0.8234
13-5	4/19/1995	12:40	2.3	1.0	1165.00	786.40	-0.7860
13-5	4/19/1995	12:40	2.3	1.0	1176.00	750.20	-0.8991
14-1	4/19/1995	12:10	1.3	0.7	1133.00	719.40	-0.9084
14-1	4/19/1995	12:10	1.3	0.7	1148.00	728.80	-0.9088
14-1	4/19/1995	12:10	1.3	0.7	1159.00	767.70	-0.8238
14-2	4/19/1995	11:50	2.0	1.0	1112.00	667.50	-1.0208

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
14-2	4/19/1995	11:50	2.0	1.0	1071.00	682.70	-0.9006
14-2	4/19/1995	11:50	2.0	1.0	1135.00	703.10	-0.9578
14-3	4/19/1995	11:30	1.6	0.8	970.20	532.10	-1.2013
14-3	4/19/1995	11:30	1.6	0.8	998.60	531.70	-1.2605
14-3	4/19/1995	11:30	1.6	0.8	1017.00	527.70	-1.3122
14-4	4/19/1995	11:10	3.0	1.0	1087.00	662.70	-0.9897
14-4	4/19/1995	11:10	3.0	1.0	1085.00	666.40	-0.9749
14-4	4/19/1995	11:10	3.0	1.0	1057.00	673.10	-0.9026
14-5	4/19/1995	11:00	0.8	0.4	1138.00	733.20	-0.8792
14-5	4/19/1995	11:00	0.8	0.4	1175.00	731.40	-0.9481
14-5	4/19/1995	11:00	0.8	0.4	1178.00	719.20	-0.9869
14-5 (rep)	4/19/1995	11:02	0.8	0.4	1165.00	745.20	-0.8936
14-5 (rep)	4/19/1995	11:02	0.8	0.4	1172.00	730.40	-0.9457
14-5 (rep)	4/19/1995	11:02	0.8	0.4	1175.00	725.10	-0.9654
16-1	4/18/1995	11:00	1.8	0.9	1160.00	664.20	-1.1152
16-1	4/18/1995	11:00	1.8	0.9	1157.00	666.60	-1.1028
16-1	4/18/1995	11:00	1.8	0.9	1115.00	687.40	-0.9674
16-1 Rep	4/18/1995	11:10	1.8	0.9	1356.00	787.10	-1.0879
16-1 Rep	4/18/1995	11:10	1.8	0.9	1359.00	829.40	-0.9876
16-1 Rep	4/18/1995	11:10	1.8	0.9	1336.00	804.60	-1.0142
16-2	4/18/1995	11:20	2.6	1.0	1271.00	782.30	-0.9706
16-2	4/18/1995	11:20	2.6	1.0	1251.00	786.20	-0.9290
16-2	4/18/1995	11:20	2.6	1.0	1219.00	776.60	-0.9017
16-3	4/18/1995	11:40	2.0	1.0	1275.00	781.00	-0.9803
16-3	4/18/1995	11:40	2.0	1.0	1260.00	773.80	-0.9751
16-3	4/18/1995	11:40	2.0	1.0	1208.00	752.70	-0.9461
16-4	4/18/1995	11:55	3.5	1.0	1740.00	1235.00	-0.6856
16-4	4/18/1995	11:55	3.5	1.0	1774.00	1187.00	-0.8036
16-4	4/18/1995	11:55	3.5	1.0	1616.00	1159.00	-0.6648
16-5	4/18/1995	12:10	2.5	1.0	1739.00	1282.00	-0.6098
16-5	4/18/1995	12:10	2.5	1.0	1738.00	1230.00	-0.6914
16-5	4/18/1995	12:10	2.5	1.0	1647.00	1155.00	-0.7097
LB-1	4/18/1995	14:00	1.5	0.8	1058.00	648.40	-0.9793
LB-1	4/18/1995	14:00	1.5	0.8	1037.00	667.80	-0.8802
LB-1	4/18/1995	14:00	1.5	0.8	995.50	641.80	-0.8779
LB-2	4/18/1995	13:50	1.3	0.7	1160.00	683.20	-1.0588
LB-2	4/18/1995	13:50	1.3	0.7	1060.00	743.40	-0.7096
LB-2	4/18/1995	13:50	1.3	0.7	1070.00	745.40	-0.7230
LB-3	4/18/1995	13:40	2.2	1.0	983.60	464.20	-1.5018
LB-3	4/18/1995	13:40	2.2	1.0	957.80	477.20	-1.3934
LB-3	4/18/1995	13:40	2.2	1.0	994.20	472.40	-1.4882
LB-4	4/18/1995	13:20	2.2	1.0	1117.00	578.60	-1.3156
LB-4	4/18/1995	13:20	2.2	1.0	1107.00	582.10	-1.2855
LB-4	4/18/1995	13:20	2.2	1.0	1119.00	594.80	-1.2639
LB-5	4/18/1995	13:00	1.6	0.8	1095.00	434.70	-1.8477
LB-5	4/18/1995	13:00	1.6	0.8	1062.00	436.20	-1.7796
LB-5	4/18/1995	13:00	1.6	0.8	1082.00	438.20	-1.8078
ML-1	4/17/1995	11:40	1.8	0.9	693.20	290.70	-1.7381
ML-1	4/17/1995	11:40	1.8	0.9	650.60	290.80	-1.6105
ML-1	4/17/1995	11:40	1.8	0.9	654.00	286.30	-1.6521
ML-2	4/17/1995	11:20	2.2	1.0	816.70	486.70	-1.0352
ML-2	4/17/1995	11:20	2.2	1.0	774.40	444.20	-1.1116
ML-2	4/17/1995	11:20	2.2	1.0	922.00	459.40	-1.3932
ML-3	4/17/1995	11:00	1.1	0.5	1121.00	450.80	-1.8219
ML-3	4/17/1995	11:00	1.1	0.5	1150.00	466.90	-1.8028
ML-3	4/17/1995	11:00	1.1	0.5	1140.00	463.80	-1.7987
ML-4	4/17/1995	10:45	2.7	1.0	734.90	301.30	-1.7833
ML-4	4/17/1995	10:45	2.7	1.0	683.90	293.80	-1.6898
ML-4	4/17/1995	10:45	2.7	1.0	718.30	301.00	-1.7396
ML-5	4/17/1995	10:00	2.0	1.0	626.60	267.30	-1.7039
ML-5	4/17/1995	10:00	2.0	1.0	667.30	275.10	-1.7722
ML-5	4/17/1995	10:00	2.0	1.0	581.20	263.10	-1.5851
ML-5 Rep	4/17/1995	10:05	2.0	1.0	595.20	244.00	-1.7835
ML-5 Rep	4/17/1995	10:05	2.0	1.0	600.40	256.90	-1.6978

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
ML-5 Rep	4/17/1995	10:05	2.0	1.0	597.00	269.00	-1.5944
MU-1	4/17/1995	13:40	2.0	1.0	662.50	293.40	-1.6290
MU-1	4/17/1995	13:40	2.0	1.0	702.00	299.80	-1.7016
MU-1	4/17/1995	13:40	2.0	1.0	692.50	309.00	-1.6139
MU-2	4/17/1995	13:15	1.6	0.8	517.40	232.70	-1.5981
MU-2	4/17/1995	13:15	1.6	0.8	454.20	230.90	-1.3531
MU-2	4/17/1995	13:15	1.6	0.8	619.50	280.70	-1.5833
MU-3	4/17/1995	13:00	1.0	0.5	785.80	360.70	-1.5573
MU-3	4/17/1995	13:00	1.0	0.5	807.10	348.30	-1.6808
MU-3	4/17/1995	13:00	1.0	0.5	815.40	347.90	-1.7035
MU-4	4/17/1995	12:45	1.2	0.6	740.40	326.30	-1.6387
MU-4	4/17/1995	12:45	1.2	0.6	704.80	314.90	-1.6113
MU-4	4/17/1995	12:45	1.2	0.6	652.80	282.60	-1.6745
MU-5	4/17/1995	12:20	0.9	0.4	1334.00	534.10	-1.8307
MU-5	4/17/1995	12:20	0.9	0.4	1299.00	485.60	-1.9679
MU-5	4/17/1995	12:20	0.9	0.4	1240.00	436.80	-2.0868
10-1	05/15/95	10:51	2.7	1.0	1015.0	778.0	-0.5318
10-1	05/15/95	10:51	2.7	1.0	1061.0	783.8	-0.6056
10-1	05/15/95	10:51	2.7	1.0	1088.0	808.2	-0.5946
10-2	05/15/95	11:54	1.5	0.7	1318.5	1012.1	-0.5289
10-2	05/15/95	11:55	1.5	0.7	1294.0	994.0	-0.5275
10-2	05/15/95	11:55	1.5	0.7	1283.0	976.1	-0.5468
10-3	05/15/95	10:32	3.0	1.0	1286.0	912.5	-0.6862
10-3	05/15/95	10:32	3.0	1.0	1294.0	924.1	-0.6733
10-3	05/15/95	10:32	3.0	1.0	1251.0	925.7	-0.6023
10-3 rep	05/15/95	10:33	3.0	1.0	1365.0	967.4	-0.6886
10-3 rep	05/15/95	10:33	3.0	1.0	1223.0	906.7	-0.5985
10-3 rep	05/15/95	10:33	3.0	1.0	1223.0	897.8	-0.6182
10-4	05/15/95	12:32	1.9	0.9	1515.0	1114.0	-0.6149
10-4	05/15/95	12:32	1.9	0.9	1440.0	1087.0	-0.5624
10-4	05/15/95	12:32	1.9	0.9	1272.0	924.0	-0.6393
10-5	05/15/95	13:13	4.0	1.0	1403.0	1102.0	-0.4830
10-5	05/15/95	13:13	4.0	1.0	1406.0	1117.0	-0.4602
10-5	05/15/95	13:13	4.0	1.0	1502.0	1161.0	-0.5150
11-1	05/15/95	11:14	4.0	1.0	1045.0	850.9	-0.4110
11-1	05/15/95	11:14	4.0	1.0	1082.0	871.1	-0.4336
11-1	05/15/95	11:14	4.0	1.0	1099.0	896.4	-0.4075
11-2	05/15/95	11:38	3.8	1.0	1162.0	927.1	-0.4517
11-2	05/15/95	11:38	3.8	1.0	1303.0	995.0	-0.5394
11-2	05/15/95	11:39	3.8	1.0	1292.0	986.5	-0.5396
11-3	05/15/95	12:15	3.5	1.0	1295.0	1149.0	-0.2392
11-3	05/15/95	12:15	3.5	1.0	1319.0	1136.0	-0.2987
11-3	05/15/95	12:15	3.5	1.0	1277.0	1105.0	-0.2893
11-4	05/15/95	12:56	3.6	1.0	1472.0	1106.0	-0.5717
11-4	05/15/95	12:56	3.6	1.0	1370.0	1054.0	-0.5244
11-4	05/15/95	12:56	3.6	1.0	1473.0	1083.0	-0.6151
11-5	05/15/95	13:32	3.1	1.0	1568.0	1103.0	-0.7035
11-5	05/15/95	13:32	3.1	1.0	1465.0	1012.0	-0.7399
11-5	05/15/95	13:32	3.1	1.0	1688.0	1144.0	-0.7780
13-1	05/16/95	15:01	2.3	1.0	1333.0	1024.0	-0.5274
13-1	05/16/95	15:01	2.3	1.0	1325.0	1015.0	-0.5330
13-1	05/16/95	15:01	2.3	1.0	1334.0	1021.0	-0.5348
13-2	05/16/95	14:48	2.5	1.0	1327.0	872.6	-0.8384
13-2	05/16/95	14:48	2.5	1.0	1476.0	954.5	-0.8718
13-2	05/16/95	14:48	2.5	1.0	1522.0	1012.0	-0.8162
13-3	05/16/95	14:14	2.7	1.0	1478.0	920.2	-0.9477
13-3	05/16/95	14:14	2.7	1.0	1587.0	973.1	-0.9782
13-3	05/16/95	14:14	2.7	1.0	1470.0	925.6	-0.9252
13-4	05/16/95	13:46	1.5	0.7	1088.0	613.6	-1.1455
13-4	05/16/95	13:46	1.5	0.7	1122.0	630.6	-1.1524
13-4	05/16/95	13:46	1.5	0.7	1138.0	624.2	-1.2011
13-5	05/16/95	13:21	2.1	1.0	1166.0	564.1	-1.4522
13-5	05/16/95	13:22	2.1	1.0	1192.0	576.6	-1.4525
13-5	05/16/95	13:22	2.1	1.0	1210.0	559.6	-1.5423

Light

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
14-1	05/16/95	13:03	2.3	1.0	1088.0	676.6	-0.9500
14-1	05/16/95	13:03	2.3	1.0	1192.0	697.3	-1.0723
14-1	05/16/95	13:03	2.3	1.0	1233.0	708.4	-1.1084
14-2	05/16/95	12:41	1.8	0.9	1140.0	682.7	-1.0255
14-2	05/16/95	12:42	1.8	0.9	1084.0	668.6	-0.9665
14-2	05/16/95	12:42	1.8	0.9	1211.0	710.4	-1.0667
14-3	05/16/95	12:28	2.3	1.0	1129.0	608.1	-1.2375
14-3	05/16/95	12:28	2.3	1.0	1175.0	604.1	-1.3306
14-3	05/16/95	12:28	2.3	1.0	1191.0	617.9	-1.3124
14-4	05/16/95	11:56	1.8	0.9	1270.0	691.7	-1.2152
14-4	05/16/95	11:56	1.8	0.9	1240.0	687.2	-1.1805
14-4	05/16/95	11:56	1.8	0.9	1272.0	707.1	-1.1743
14-5	05/16/95	11:44	1.8	0.9	1306.0	922.1	-0.6961
14-5	05/16/95	11:44	1.8	0.9	1314.0	932.1	-0.6868
14-5	05/16/95	11:44	1.8	0.9	1362.0	955.0	-0.7100
14-5 (rep)	05/16/95	11:46	1.8	0.9	1310.0	967.0	-0.6072
14-5 (rep)	05/16/95	11:46	1.8	0.9	1316.0	942.2	-0.6683
14-5 (rep)	05/16/95	11:46	1.8	0.9	1349.0	947.7	-0.7062
16-1	05/17/95	13:33	3.0	1.0	1491.0	1217.0	-0.4061
16-1	05/17/95	13:33	3.0	1.0	1431.0	1192.0	-0.3655
16-1	05/17/95	13:33	3.0	1.0	1387.0	1193.0	-0.3013
16-2	05/17/95	13:08	1.5	0.7	1612.0	1066.0	-0.8271
16-2	05/17/95	13:08	1.5	0.7	1688.0	1044.0	-0.9610
16-2	05/17/95	13:08	1.5	0.7	1587.0	1028.0	-0.8685
16-3	05/17/95	12:58	2.0	1.0	1736.0	1158.0	-0.8098
16-3	05/17/95	12:58	2.0	1.0	1663.0	1026.0	-0.9659
16-3	05/17/95	12:58	2.0	1.0	1629.0	1077.0	-0.8276
16-4	05/17/95	12:45	1.7	0.8	1255.0	956.0	-0.5443
16-4	05/17/95	12:45	1.7	0.8	1291.0	991.0	-0.5289
16-4	05/17/95	12:45	1.7	0.8	1351.0	1021.0	-0.5601
16-5	05/17/95	12:31	2.5	1.0	1341.0	897.0	-0.8042
16-5	05/17/95	12:31	2.5	1.0	1384.0	946.6	-0.7597
16-5	05/17/95	12:31	2.5	1.0	1324.0	914.6	-0.7399
LB-1	05/17/95	11:24	1.3	0.6	1281.0	812.6	-0.9103
LB-1	05/17/95	11:24	1.3	0.6	1246.0	728.3	-1.0740
LB-1	05/17/95	11:24	1.3	0.6	1193.0	727.0	-0.9906
LB-2	05/17/95	11:00	3.0	1.0	1169.0	556.4	-1.4848
LB-2	05/17/95	11:00	3.0	1.0	1153.0	547.3	-1.4903
LB-2	05/17/95	11:00	3.0	1.0	1122.0	554.8	-1.4085
LB-3	05/17/95	10:45	1.4	0.7	827.4	413.7	-1.3863
LB-3	05/17/95	10:45	1.4	0.7	817.5	421.9	-1.3230
LB-3	05/17/95	10:45	1.4	0.7	809.9	407.7	-1.3728
LB-4	05/17/95	10:19	1.5	0.7	1021.0	504.6	-1.4095
LB-4	05/17/95	10:20	1.5	0.7	873.8	383.2	-1.6486
LB-4	05/17/95	10:20	1.5	0.7	969.0	457.2	-1.5023
LB-5	05/17/95	9:54	2.5	1.0	816.9	402.7	-1.4146
LB-5	05/17/95	9:54	2.5	1.0	807.8	406.4	-1.3740
LB-5	05/17/95	9:54	2.5	1.0	805.4	411.6	-1.3426
LB-5 rep	05/17/95	9:54	2.5	1.0	828.8	409.4	-1.4106
LB-5 rep	05/17/95	9:54	2.5	1.0	820.1	423.8	-1.3203
LB-5 rep	05/17/95	9:54	2.5	1.0	808.6	407.8	-1.3691
ML-1	05/18/95	12:18	2.0	1.0	823.1	341.8	-1.7577
ML-1	05/18/95	12:18	2.0	1.0	811.6	339.8	-1.7413
ML-1	05/18/95	12:18	2.0	1.0	782.6	324.1	-1.7631
ML-2	05/18/95	12:02	1.3	0.6	879.4	358.7	-1.7935
ML-2	05/18/95	12:03	1.3	0.6	886.9	369.6	-1.7506
ML-2	05/18/95	12:03	1.3	0.6	940.0	396.6	-1.7259
ML-3	05/18/95	11:37	1.0	0.5	762.6	301.5	-1.8559
ML-3	05/18/95	11:37	1.0	0.5	789.0	312.9	-1.8498
ML-3	05/18/95	11:37	1.0	0.5	753.5	287.5	-1.9270
ML-4	05/18/95	11:09	1.7	0.8	622.9	269.7	-1.6742
ML-4	05/18/95	11:09	1.7	0.8	629.3	257.3	-1.7887
ML-4	05/18/95	11:09	1.7	0.8	624.1	255.3	-1.7877
ML-5	05/18/95	10:49	1.4	0.7	880.6	348.8	-1.8522

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
ML-5	05/18/95	10:49	1.4	0.7	762.2	300.0	-1.8649
ML-5	05/18/95	10:49	1.4	0.7	759.9	286.9	-1.9481
ML-5 Rep	05/18/95	10:49	1.4	0.7	838.2	320.4	-1.9234
ML-5 Rep	05/18/95	10:49	1.4	0.7	790.9	301.0	-1.9321
ML-5 Rep	05/18/95	10:49	1.4	0.7	828.2	322.9	-1.8838
MU-1	05/18/95	14:10	1.8	0.9	774.4	321.9	-1.7557
MU-1	05/18/95	14:10	1.8	0.9	649.3	270.9	-1.7483
MU-1	05/18/95	14:11	1.8	0.9	610.0	250.9	-1.7768
MU-2	05/18/95	13:52	1.8	0.9	827.8	434.0	-1.2915
MU-2	05/18/95	13:52	1.8	0.9	867.1	457.0	-1.2809
MU-2	05/18/95	13:53	1.8	0.9	830.2	426.5	-1.3321
MU-3	05/18/95	13:30	2.2	1.0	721.1	436.2	-1.0054
MU-3	05/18/95	13:30	2.2	1.0	761.8	441.0	-1.0933
MU-3	05/18/95	13:30	2.2	1.0	717.6	422.9	-1.0576
MU-4	05/18/95	13:08	1.3	0.6	1425.0	653.9	-1.5579
MU-4	05/18/95	13:08	1.3	0.6	1474.0	649.5	-1.6391
MU-4	05/18/95	13:09	1.3	0.6	1467.0	632.3	-1.6832
MU-5	05/18/95	12:51	1.4	0.7	844.5	407.4	-1.4579
MU-5	05/18/95	12:51	1.4	0.7	836.1	406.4	-1.4428
MU-5	05/18/95	12:51	1.4	0.7	808.6	391.9	-1.4486
10-1	6/19/1995	10:45	3.3	1.0	1367.0	927.7	-0.7753
10-1	6/19/1995	10:45	3.3	1.0	1418.0	925.7	-0.8529
10-1	6/19/1995	10:45	3.3	1.0	1351.0	930.4	-0.7460
10-2	6/19/1995	14:00	2.0	1.0	1484.0	1077.0	-0.6411
10-2	6/19/1995	14:00	2.0	1.0	1423.0	1017.0	-0.6718
10-2	6/19/1995	14:00	2.0	1.0	1250.0	885.0	-0.6906
10-3	6/19/1995	13:45	3.5	1.0	1529.0	1117.0	-0.6279
10-3	6/19/1995	13:45	3.5	1.0	1574.0	1129.0	-0.6646
10-3	6/19/1995	13:45	3.5	1.0	1499.0	1072.0	-0.6705
10-4	6/19/1995	12:10	3.6	1.0	1312.0	963.0	-0.6185
10-4	6/19/1995	12:10	3.6	1.0	1376.0	971.0	-0.6972
10-4	6/19/1995	12:10	3.6	1.0	1416.0	1010.0	-0.6758
10-5	6/19/1995	13:20	2.5	1.0	1474.0	1067.0	-0.6463
10-5	6/19/1995	13:20	2.5	1.0	1598.0	1120.0	-0.7108
10-5	6/19/1995	13:20	2.5	1.0	1634.0	1195.0	-0.6258
11-1	6/19/1995	10:30	2.4	1.0	1125.0	784.6	-0.7207
11-1	6/19/1995	10:30	2.4	1.0	1065.0	770.3	-0.6479
11-1	6/19/1995	10:30	2.4	1.0	1148.0	777.0	-0.7807
11-1 rep	6/19/1995	10:40	2.4	1.0	977.6	691.4	-0.6928
11-1 rep	6/19/1995	10:40	2.4	1.0	1015.0	726.8	-0.6680
11-1 rep	6/19/1995	10:40	2.4	1.0	1012.0	728.8	-0.6566
11-2	6/19/1995	11:30	3.2	1.0	1409.0	1081.0	-0.5300
11-2	6/19/1995	11:30	3.2	1.0	1429.0	1074.0	-0.5712
11-2	6/19/1995	11:30	3.2	1.0	1501.0	1156.0	-0.5223
11-3	6/19/1995	11:50	2.4	1.0	1553.0	1123.0	-0.6484
11-3	6/19/1995	11:50	2.4	1.0	1573.0	1154.0	-0.6195
11-3	6/19/1995	11:50	2.4	1.0	1547.0	1123.0	-0.6406
11-4	6/19/1995	12:40	2.3	1.0	1509.0	1093.0	-0.6450
11-4	6/19/1995	12:40	2.3	1.0	1631.0	1195.4	-0.6214
11-4	6/19/1995	12:40	2.3	1.0	1651.0	1166.0	-0.6956
11-5	6/19/1995	13:00	2.0	1.0	1372.0	1028.0	-0.5773
11-5	6/19/1995	13:00	2.0	1.0	1377.0	1039.0	-0.5633
11-5	6/19/1995	13:00	2.0	1.0	1351.0	995.9	-0.6099
13-1	6/20/1995	14:00	3.0	1.0	911.0	507.4	-1.1705
13-1	6/20/1995	14:00	3.0	1.0	906.4	519.0	-1.1152
13-1	6/20/1995	14:00	3.0	1.0	871.6	505.4	-1.0900
13-2	6/20/1995	13:45	2.0	1.0	975.1	542.4	-1.1731
13-2	6/20/1995	13:45	2.0	1.0	1025.0	585.2	-1.1210
13-2	6/20/1995	13:45	2.0	1.0	1113.0	626.2	-1.1503
13-3	6/20/1995	13:20	1.3	0.6	1183.0	661.0	-1.1641
13-3	6/20/1995	13:20	1.3	0.6	1292.0	642.8	-1.3962
13-3	6/20/1995	13:20	1.3	0.6	1267.0	622.4	-1.4216
13-4	6/20/1995	12:55	1.0	0.5	1326.0	708.8	-1.2527
13-4	6/20/1995	12:55	1.0	0.5	1385.0	741.5	-1.2496

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
13-4	6/20/1995	12:55	1.0	0.5	1422.0	744.0	-1.2956
13-5	6/20/1995	12:35	2.1	1.0	961.8	604.9	-0.9275
13-5	6/20/1995	12:35	2.1	1.0	939.6	587.1	-0.9405
13-5	6/20/1995	12:35	2.1	1.0	952.9	619.3	-0.8619
14-1	6/20/1995	12:15	1.4	0.7	1231.0	763.2	-0.9561
14-1	6/20/1995	12:15	1.4	0.7	1163.0	753.2	-0.8690
14-1	6/20/1995	12:15	1.4	0.7	1152.0	762.4	-0.8255
14-2	6/20/1995	11:55	1.5	0.7	974.5	719.2	-0.6075
14-2	6/20/1995	11:55	1.5	0.7	982.8	718.2	-0.6275
14-2	6/20/1995	11:55	1.5	0.7	986.0	717.9	-0.6347
14-3	6/20/1995	11:35	1.0	0.5	1194.0	834.0	-0.7177
14-3	6/20/1995	11:35	1.0	0.5	1211.0	830.3	-0.7549
14-3	6/20/1995	11:35	1.0	0.5	1234.0	790.0	-0.8921
14-4	6/20/1995	11:15	1.1	0.5	1347.0	940.7	-0.7180
14-4	6/20/1995	11:15	1.1	0.5	1307.0	926.2	-0.6889
14-4	6/20/1995	11:15	1.1	0.5	1364.0	932.3	-0.7610
14-5	6/20/1995	10:45	1.8	0.9	1651.0	1138.0	-0.7442
14-5	6/20/1995	10:45	1.8	0.9	1676.0	1137.0	-0.7760
14-5	6/20/1995	10:45	1.8	0.9	1624.0	1142.0	-0.7042
14-5 (rep)	6/20/1995	11:00	1.8	0.9	1144.0	815.5	-0.6770
14-5 (rep)	6/20/1995	11:00	1.8	0.9	1149.0	822.7	-0.6681
14-5 (rep)	6/20/1995	11:00	1.8	0.9	1150.0	814.7	-0.6894
16-1	6/21/1995	11:25	1.2	0.6	970.4	629.2	-0.8665
16-1	6/21/1995	11:25	1.2	0.6	969.6	636.5	-0.8419
16-1	6/21/1995	11:25	1.2	0.6	970.0	635.7	-0.8451
16-1 Rep	6/21/1995	11:35	1.2	0.6	979.3	633.9	-0.8700
16-1 Rep	6/21/1995	11:35	1.2	0.6	980.8	624.6	-0.9026
16-1 Rep	6/21/1995	11:35	1.2	0.6	981.1	624.4	-0.9038
16-2	6/21/1995	11:50	1.5	0.7	998.3	645.6	-0.8717
16-2	6/21/1995	11:50	1.5	0.7	971.8	619.9	-0.8992
16-2	6/21/1995	11:50	1.5	0.7	988.1	634.4	-0.8862
16-3	6/21/1995	12:05	1.9	0.9	1013.0	609.3	-1.0167
16-3	6/21/1995	12:05	1.9	0.9	1034.0	614.5	-1.0408
16-3	6/21/1995	12:05	1.9	0.9	1034.0	616.8	-1.0333
16-4	6/21/1995	12:20	1.3	0.6	1285.0	787.5	-0.9793
16-4	6/21/1995	12:20	1.3	0.6	1261.0	770.0	-0.9865
16-4	6/21/1995	12:20	1.3	0.6	1292.0	766.5	-1.0442
16-5	6/21/1995	12:40	1.5	0.7	1075.0	630.0	-1.0687
16-5	6/21/1995	12:40	1.5	0.7	1073.0	616.0	-1.1099
16-5	6/21/1995	12:40	1.5	0.7	1130.0	626.5	-1.1796
LB-1	6/21/1995	13:10	1.3	0.6	869.0	514.4	-1.0487
LB-1	6/21/1995	13:10	1.3	0.6	868.0	545.0	-0.9308
LB-1	6/21/1995	13:10	1.3	0.6	865.0	555.0	-0.8875
LB-2	6/21/1995	13:30	2.1	1.0	906.8	543.4	-1.0243
LB-2	6/21/1995	13:30	2.1	1.0	911.6	544.8	-1.0296
LB-2	6/21/1995	13:30	2.1	1.0	913.2	548.6	-1.0190
LB-3	6/21/1995	13:50	1.1	0.5	980.4	608.2	-0.9550
LB-3	6/21/1995	13:50	1.1	0.5	971.2	616.3	-0.9095
LB-3	6/21/1995	13:50	1.1	0.5	988.8	629.3	-0.9038
LB-4	6/21/1995	14:00	1.6	0.8	768.0	455.8	-1.0436
LB-4	6/21/1995	14:00	1.6	0.8	809.2	467.5	-1.0971
LB-4	6/21/1995	14:00	1.6	0.8	792.4	454.5	-1.1116
LB-5	6/21/1995	14:10	2.1	1.0	1404.0	841.4	-1.0239
LB-5	6/21/1995	14:10	2.1	1.0	1324.0	836.6	-0.9180
LB-5	6/21/1995	14:10	2.1	1.0	1323.0	842.9	-0.9017
ML-1	6/22/1995	11:35	1.8	0.9	1012.0	718.6	-0.6848
ML-1	6/22/1995	11:35	1.8	0.9	1004.0	716.2	-0.6756
ML-1	6/22/1995	11:35	1.8	0.9	1016.0	714.2	-0.7049
ML-2	6/22/1995	11:20	1.6	0.8	1059.0	710.6	-0.7979
ML-2	6/22/1995	11:20	1.6	0.8	1047.0	695.7	-0.8174
ML-2	6/22/1995	11:20	1.6	0.8	1035.0	678.5	-0.8445
ML-3	6/22/1995	11:00	1.4	0.7	933.6	620.3	-0.8177
ML-3	6/22/1995	11:00	1.4	0.7	938.5	620.1	-0.8288
ML-3	6/22/1995	11:00	1.4	0.7	936.1	620.6	-0.8221

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
ML-4	6/22/1995	10:35	1.5	0.7	888.3	611.2	-0.7478
ML-4	6/22/1995	10:35	1.5	0.7	866.6	615.1	-0.6856
ML-4	6/22/1995	10:35	1.5	0.7	917.9	650.4	-0.6891
ML-5	6/22/1995	10:05	1.4	0.7	1142.0	711.6	-0.9460
ML-5	6/22/1995	10:05	1.4	0.7	1184.0	710.8	-1.0204
ML-5	6/22/1995	10:05	1.4	0.7	1185.0	711.7	-1.0197
ML-5 Rep	6/22/1995	10:15	1.4	0.7	1560.0	1019.0	-0.8517
ML-5 Rep	6/22/1995	10:15	1.4	0.7	1671.0	1058.0	-0.9141
ML-5 Rep	6/22/1995	10:15	1.4	0.7	1672.0	1063.0	-0.9059
MU-1	6/22/1995	13:35	2.5	1.0	1467.0	792.8	-1.2308
MU-1	6/22/1995	13:35	2.5	1.0	1317.0	715.6	-1.2200
MU-1	6/22/1995	13:35	2.5	1.0	1177.0	653.0	-1.1783
MU-2	6/22/1995	13:15	3.9	1.0	1398.0	793.9	-1.1317
MU-2	6/22/1995	13:15	3.9	1.0	1446.0	795.9	-1.1942
MU-2	6/22/1995	13:15	3.9	1.0	1307.0	769.1	-1.0605
MU-3	6/22/1995	12:35	1.9	0.9	906.3	555.8	-0.9779
MU-3	6/22/1995	12:35	1.9	0.9	987.7	613.4	-0.9526
MU-3	6/22/1995	12:35	1.9	0.9	969.8	591.5	-0.9887
MU-4	6/22/1995	12:15	1.5	0.7	938.3	626.9	-0.8066
MU-4	6/22/1995	12:15	1.5	0.7	920.5	626.6	-0.7692
MU-4	6/22/1995	12:15	1.5	0.7	882.0	575.8	-0.8530
MU-5	6/22/1995	11:55	1.4	0.7	1025.0	713.5	-0.7245
MU-5	6/22/1995	11:55	1.4	0.7	1011.0	714.1	-0.6953
MU-5	6/22/1995	11:55	1.4	0.7	1010.0	714.5	-0.6922
10-1	7/10/1995	10:30	3.3	1.0	838.0	634.8	-0.5554
10-1	7/10/1995	10:30	3.3	1.0	843.8	634.0	-0.5717
10-1	7/10/1995	10:30	3.3	1.0	831.6	628.6	-0.5597
10-1 Rep	7/10/1995	10:40	2.1	1.0	751.0	583.6	-0.5044
10-1 Rep	7/10/1995	10:40	2.1	1.0	749.6	583.6	-0.5006
10-1 Rep	7/10/1995	10:40	2.1	1.0	751.8	586.6	-0.4963
10-2	7/10/1995	13:05	3.0	1.0	795.6	580.8	-0.6294
10-2	7/10/1995	13:05	3.0	1.0	802.0	608.6	-0.5519
10-2	7/10/1995	13:05	3.0	1.0	866.6	652.0	-0.5691
10-3	7/10/1995	11:00	4.0	1.0	925.6	677.2	-0.6250
10-3	7/10/1995	11:00	4.0	1.0	938.0	675.0	-0.6581
10-3	7/10/1995	11:00	4.0	1.0	982.4	691.8	-0.7014
10-4	7/10/1995	11:30	3.7	1.0	1136.0	822.0	-0.6471
10-4	7/10/1995	11:30	3.7	1.0	1083.0	784.2	-0.6457
10-4	7/10/1995	11:30	3.7	1.0	1000.0	755.8	-0.5600
10-5	7/10/1995	11:50	3.1	1.0	1538.0	934.5	-0.9965
10-5	7/10/1995	11:50	3.1	1.0	1477.0	907.2	-0.9748
10-5	7/10/1995	11:50	3.1	1.0	1264.0	802.0	-0.9099
11-1	7/10/1995	13:45	3.0	1.0	896.4	565.1	-0.9228
11-1	7/10/1995	13:45	3.0	1.0	910.5	565.9	-0.9512
11-1	7/10/1995	13:45	3.0	1.0	890.0	564.0	-0.9123
11-2	7/10/1995	13:20	2.1	1.0	1304.0	833.6	-0.8949
11-2	7/10/1995	13:20	2.1	1.0	1224.0	760.8	-0.9510
11-2	7/10/1995	13:20	2.1	1.0	1048.0	659.2	-0.9272
11-3	7/10/1995	12:45	3.5	1.0	1220.4	862.1	-0.6951
11-3	7/10/1995	12:45	3.5	1.0	1323.0	942.0	-0.6793
11-3	7/10/1995	12:45	3.5	1.0	1321.2	933.1	-0.6956
11-4	7/10/1995	12:30	3.5	1.0	1356.0	1069.0	-0.4756
11-4	7/10/1995	12:30	3.5	1.0	1470.0	1240.0	-0.3403
11-4	7/10/1995	12:30	3.5	1.0	1468.0	1259.0	-0.3072
11-5	7/10/1995	12:00	3.5	1.0	1385.0	935.8	-0.7841
11-5	7/10/1995	12:00	3.5	1.0	1223.0	843.7	-0.7425
11-5	7/10/1995	12:00	3.5	1.0	1205.0	841.7	-0.7176
13-1	7/11/1995	14:15	0.8	0.4	1261.0	820.6	-0.8592
13-1	7/11/1995	14:15	0.8	0.4	1248.0	838.4	-0.7956
13-1	7/11/1995	14:15	0.8	0.4	1232.0	859.5	-0.7201
13-2	7/11/1995	14:00	3.0	1.0	1183.0	744.4	-0.9265
13-2	7/11/1995	14:00	3.0	1.0	1132.0	716.7	-0.9142
13-2	7/11/1995	14:00	3.0	1.0	1166.0	745.5	-0.8946

Light

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
13-3	7/11/1995	13:45	1.6	0.8	1257.0	613.6	-1.4343
13-3	7/11/1995	13:45	1.6	0.8	1233.0	663.5	-1.2394
13-3	7/11/1995	13:45	1.6	0.8	1175.0	596.2	-1.3569
13-4	7/11/1995	13:30	2.0	1.0	1327.0	912.6	-0.7488
13-4	7/11/1995	13:30	2.0	1.0	1298.0	904.0	-0.7235
13-4	7/11/1995	13:30	2.0	1.0	1319.0	912.6	-0.7367
13-5	7/11/1995	13:05	1.3	0.7	1550.0	940.3	-0.9996
13-5	7/11/1995	13:05	1.3	0.7	1517.0	927.4	-0.9842
13-5	7/11/1995	13:05	1.3	0.7	1487.0	938.6	-0.9203
14-1	7/11/1995	12:50	2.3	1.0	1519.0	825.7	-1.2192
14-1	7/11/1995	12:50	2.3	1.0	1494.0	808.5	-1.2281
14-1	7/11/1995	12:50	2.3	1.0	1458.0	794.6	-1.2140
14-2	7/11/1995	12:30	0.7	0.4	1231.0	770.4	-0.9373
14-2	7/11/1995	12:30	0.7	0.4	1374.0	784.9	-1.1199
14-2	7/11/1995	12:30	0.7	0.4	1389.0	764.6	-1.1940
14-3	7/11/1995	12:10	2.4	1.0	939.0	553.0	-1.0589
14-3	7/11/1995	12:10	2.4	1.0	915.4	554.7	-1.0019
14-3	7/11/1995	12:10	2.4	1.0	900.9	550.2	-0.9862
14-4	7/11/1995	11:55	1.6	0.8	1150.0	728.0	-0.9144
14-4	7/11/1995	11:55	1.6	0.8	1162.0	730.4	-0.9286
14-4	7/11/1995	11:55	1.6	0.8	1261.0	824.2	-0.8505
14-5	7/11/1995	11:30	3.0	1.0	893.4	655.7	-0.6187
14-5	7/11/1995	11:30	3.0	1.0	907.7	669.4	-0.6091
14-5	7/11/1995	11:30	3.0	1.0	924.2	675.5	-0.6270
14-5 (rep)	7/11/1995	11:40	1.7	0.9	906.0	627.2	-0.7355
14-5 (rep)	7/11/1995	11:40	1.7	0.9	850.0	592.2	-0.7228
14-5 (rep)	7/11/1995	11:40	1.7	0.9	847.4	586.6	-0.7357
16-1	7/12/1995	12:30	3.5	1.0	1213.6	887.0	-0.6270
16-1	7/12/1995	12:30	3.5	1.0	1181.6	885.2	-0.5776
16-1	7/12/1995	12:30	3.5	1.0	1186.2	874.2	-0.6104
16-2	7/12/1995	11:45	2.0	1.0	687.0	511.4	-0.5904
16-2	7/12/1995	11:45	2.0	1.0	688.8	512.4	-0.5917
16-2	7/12/1995	11:45	2.0	1.0	697.0	517.4	-0.5959
16-3	7/12/1995	11:15	2.6	1.0	771.4	535.4	-0.7304
16-3	7/12/1995	11:15	2.6	1.0	762.6	530.0	-0.7277
16-3	7/12/1995	11:15	2.6	1.0	773.8	534.0	-0.7418
16-4	7/12/1995	11:00	1.8	0.9	795.6	574.8	-0.6501
16-4	7/12/1995	11:00	1.8	0.9	783.8	565.6	-0.6525
16-4	7/12/1995	11:00	1.8	0.9	777.0	561.0	-0.6514
16-5	7/12/1995	10:30	0.8	0.4	1129.6	812.6	-0.6588
16-5	7/12/1995	10:30	0.8	0.4	1131.6	817.0	-0.6515
16-5	7/12/1995	10:30	0.8	0.4	1126.8	814.6	-0.6489
16-5 Rep	7/12/1995	10:45	1.8	0.9	1111.6	796.6	-0.6664
16-5 Rep	7/12/1995	10:45	1.8	0.9	1112.4	802.8	-0.6523
16-5 Rep	7/12/1995	10:45	1.8	0.9	1125.8	816.2	-0.6432
LB-1	7/12/1995	13:00	2.5	1.0	1061.2	416.2	-1.8720
LB-1	7/12/1995	13:00	2.5	1.0	1080.6	418.8	-1.8958
LB-1	7/12/1995	13:00	2.5	1.0	1085.2	435.6	-1.8256
LB-2	7/12/1995	13:20	1.5	0.8	911.6	306.0	-2.1832
LB-2	7/12/1995	13:20	1.5	0.8	916.4	305.6	-2.1964
LB-2	7/12/1995	13:20	1.5	0.8	906.8	303.2	-2.1911
LB-3	7/12/1995	13:40	1.3	0.7	873.9	402.7	-1.5495
LB-3	7/12/1995	13:40	1.3	0.7	887.3	401.1	-1.5879
LB-3	7/12/1995	13:40	1.3	0.7	894.8	388.4	-1.6691
LB-4	7/12/1995	14:00	2.2	1.0	1131.0	495.3	-1.6514
LB-4	7/12/1995	14:00	2.2	1.0	1102.0	520.7	-1.4994
LB-4	7/12/1995	14:00	2.2	1.0	1131.0	530.1	-1.5156
LB-5	7/12/1995	14:20	2.2	1.0	927.0	360.9	-1.8867
LB-5	7/12/1995	14:20	2.2	1.0	906.5	370.4	-1.7900
LB-5	7/12/1995	14:20	2.2	1.0	897.5	371.4	-1.7647
ML-1	7/13/1995	12:00	2.0	1.0	659.6	336.0	-1.3490
ML-1	7/13/1995	12:00	2.0	1.0	655.2	335.6	-1.3380
ML-1	7/13/1995	12:00	2.0	1.0	691.2	334.3	-1.4528
ML-2	7/13/1995	11:45	2.7	1.0	874.5	408.9	-1.5204

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
ML-2	7/13/1995	11:45	2.7	1.0	833.4	390.8	-1.5146
ML-2	7/13/1995	11:45	2.7	1.0	849.3	391.2	-1.5504
ML-3	7/13/1995	11:20	1.1	0.5	796.8	412.0	-1.3192
ML-3	7/13/1995	11:20	1.1	0.5	812.4	414.4	-1.3463
ML-3	7/13/1995	11:20	1.1	0.5	861.6	408.3	-1.4936
ML-4	7/13/1995	11:00	2.2	1.0	959.3	448.5	-1.5206
ML-4	7/13/1995	11:00	2.2	1.0	903.8	449.4	-1.3974
ML-4	7/13/1995	11:00	2.2	1.0	954.8	452.3	-1.4943
ML-5	7/13/1995	10:15	1.6	0.8	687.3	417.4	-0.9975
ML-5	7/13/1995	10:15	1.6	0.8	693.2	422.4	-0.9907
ML-5	7/13/1995	10:15	1.6	0.8	723.8	421.8	-1.0800
ML-5 Rep	7/13/1995	10:30	1.8	0.9	711.0	428.6	-1.0123
ML-5 Rep	7/13/1995	10:30	1.8	0.9	717.4	430.1	-1.0232
ML-5 Rep	7/13/1995	10:30	1.8	0.9	716.2	429.9	-1.0208
MU-1	7/13/1995	13:30	1.2	0.6	1117.0	616.8	-1.1877
MU-1	7/13/1995	13:30	1.2	0.6	1110.0	622.2	-1.1577
MU-1	7/13/1995	13:30	1.2	0.6	1072.5	628.8	-1.0679
MU-2	7/13/1995	13:00	1.0	0.5	996.8	508.8	-1.3450
MU-2	7/13/1995	13:00	1.0	0.5	950.4	507.2	-1.2560
MU-2	7/13/1995	13:00	1.0	0.5	994.4	508.4	-1.3417
MU-3	7/13/1995	12:45	1.6	0.8	1145.4	575.6	-1.3762
MU-3	7/13/1995	12:45	1.6	0.8	1140.9	577.8	-1.3607
MU-3	7/13/1995	12:45	1.6	0.8	1108.6	574.4	-1.3151
MU-4	7/13/1995	12:30	2.0	1.0	758.1	383.1	-1.3650
MU-4	7/13/1995	12:30	2.0	1.0	726.6	379.2	-1.3006
MU-4	7/13/1995	12:30	2.0	1.0	744.6	385.1	-1.3187
MU-5	7/13/1995	12:15	2.0	1.0	714.4	325.7	-1.5709
MU-5	7/13/1995	12:15	2.0	1.0	715.2	328.2	-1.5579
MU-5	7/13/1995	12:15	2.0	1.0	717.8	327.2	-1.5712
10-1	8/23/1995	13:22	4.0	1.0	1418.0	1052.0	-0.5971
10-1	8/23/1995	13:22	4.0	1.0	1385.0	1032.0	-0.5884
10-1	8/23/1995	13:22	4.0	1.0	1355.0	1045.0	-0.5196
10-2	8/23/1995	12:34	2.0	1.0	1565.0	1155.0	-0.6076
10-2	8/23/1995	12:34	2.0	1.0	1506.0	1117.0	-0.5976
10-2	8/23/1995	12:34	2.0	1.0	1478.0	1063.0	-0.6592
10-3	8/23/1995	12:59	2.5	1.0	1591.0	1108.0	-0.7236
10-3	8/23/1995	12:59	2.5	1.0	1526.0	1052.0	-0.7439
10-3	8/23/1995	12:59	2.5	1.0	1576.0	1096.0	-0.7264
10-4	8/23/1995	12:22	5.0	1.0	1429.0	1079.0	-0.5619
10-4	8/23/1995	12:22	5.0	1.0	1503.0	1085.0	-0.6518
10-4	8/23/1995	12:22	5.0	1.0	1541.0	1090.0	-0.6925
10-5	8/23/1995	11:56	4.5	1.0	522.2	405.4	-0.5064
10-5	8/23/1995	11:56	4.5	1.0	523.4	405.0	-0.5129
10-5	8/23/1995	11:56	4.5	1.0	523.0	402.2	-0.5253
11-1	8/23/1995	10:15	3.8	1.0	1084.0	756.0	-0.7207
11-1	8/23/1995	10:15	3.8	1.0	1080.0	742.6	-0.7491
11-1	8/23/1995	10:15	3.8	1.0	1087.0	776.8	-0.6720
11-1 Rep	8/23/1995	10:15	3.8	1.0	1474.0	876.0	-1.0407
11-1 Rep	8/23/1995	10:15	3.8	1.0	1225.0	762.1	-0.9492
11-1 Rep	8/23/1995	10:15	3.8	1.0	1106.0	739.0	-0.8064
11-2	8/23/1995	10:40	4.1	1.0	342.7	238.4	-0.7258
11-2	8/23/1995	10:40	4.1	1.0	346.3	244.1	-0.6995
11-2	8/23/1995	10:40	4.1	1.0	376.2	259.7	-0.7412
11-3	8/23/1995	10:58	3.6	1.0	649.4	445.0	-0.7559
11-3	8/23/1995	10:58	3.6	1.0	610.7	435.7	-0.6753
11-3	8/23/1995	10:58	3.6	1.0	710.3	496.0	-0.7182
11-4	8/23/1995	11:19	2.6	1.0	1287.0	1028.6	-0.4482
11-4	8/23/1995	11:19	2.6	1.0	1258.0	1014.0	-0.4312
11-4	8/23/1995	11:19	2.6	1.0	1278.0	1054.0	-0.3854
11-5	8/23/1995	11:36	3.1	1.0	359.2	254.7	-0.6876
11-5	8/23/1995	11:36	3.1	1.0	390.2	272.1	-0.7210
11-5	8/23/1995	11:36	3.1	1.0	418.3	287.9	-0.7472
13-1	8/28/1995	14:00	1.1	0.5	952.2	413.2	-1.6697

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
13-1	8/28/1995	14:00	1.1	0.5	935.7	403.2	-1.6837
13-1	8/28/1995	14:00	1.1	0.5	917.4	411.8	-1.6020
13-2	8/28/1995	13:43	1.6	0.8	694.4	302.2	-1.6639
13-2	8/28/1995	13:43	1.6	0.8	639.0	306.0	-1.4726
13-2	8/28/1995	13:43	1.6	0.8	657.6	301.7	-1.5583
13-3	8/28/1995	13:30	3.0	1.0	529.7	141.4	-2.6414
13-3	8/28/1995	13:30	3.0	1.0	524.1	142.0	-2.6117
13-3	8/28/1995	13:30	3.0	1.0	543.0	145.6	-2.6325
13-4	8/28/1995	12:04	3.5	1.0	270.2	72.0	-2.6439
13-4	8/28/1995	12:04	3.5	1.0	340.3	92.7	-2.6018
13-4	8/28/1995	12:04	3.5	1.0	453.7	128.3	-2.5261
13-5	8/28/1995	12:41	2.3	1.0	319.5	82.4	-2.7096
13-5	8/28/1995	12:41	2.3	1.0	288.4	75.4	-2.6828
13-5	8/28/1995	12:41	2.3	1.0	271.6	70.6	-2.6946
14-1	8/28/1995	11:51	2.2	1.0	536.9	168.8	-2.3142
14-1	8/28/1995	11:51	2.2	1.0	525.6	170.7	-2.2493
14-1	8/28/1995	11:51	2.2	1.0	555.9	168.4	-2.3885
14-2	8/28/1995	11:27	1.7	0.8	527.4	196.7	-1.9726
14-2	8/28/1995	11:27	1.7	0.8	523.9	193.7	-1.9900
14-2	8/28/1995	11:27	1.7	0.8	543.7	192.7	-2.0745
14-3	8/28/1995	11:16	3.0	1.0	733.4	306.5	-1.7449
14-3	8/28/1995	11:16	3.0	1.0	750.8	305.8	-1.7964
14-3	8/28/1995	11:16	3.0	1.0	750.1	298.7	-1.8415
14-4	8/28/1995	11:00	1.8	0.9	769.0	292.0	-1.9367
14-4	8/28/1995	11:00	1.8	0.9	741.6	294.8	-1.8450
14-4	8/28/1995	11:00	1.8	0.9	642.0	279.2	-1.6653
14-5	8/28/1995	10:27	1.5	0.7	506.4	212.1	-1.7405
14-5	8/28/1995	10:27	1.5	0.7	537.1	210.7	-1.8715
14-5	8/28/1995	10:27	1.5	0.7	535.6	213.6	-1.8386
14-5 Rep	8/28/1995	10:27	1.5	0.7	526.8	218.9	-1.7564
14-5 Rep	8/28/1995	10:27	1.5	0.7	545.4	216.7	-1.8460
14-5 Rep	8/28/1995	10:27	1.5	0.7	561.9	213.5	-1.9354
16-1	8/29/1995	14:15	1.0	0.5	635.7	299.3	-1.5066
16-1	8/29/1995	14:15	1.0	0.5	662.1	304.5	-1.5535
16-1	8/29/1995	14:15	1.0	0.5	679.2	304.0	-1.6078
16-2	8/29/1995	13:58	1.4	0.7	591.4	322.9	-1.2103
16-2	8/29/1995	13:58	1.4	0.7	649.0	343.0	-1.2754
16-2	8/29/1995	13:58	1.4	0.7	679.2	351.1	-1.3197
16-3	8/29/1995	13:42	2.0	1.0	630.6	375.6	-1.0363
16-3	8/29/1995	13:42	2.0	1.0	607.7	373.7	-0.9725
16-3	8/29/1995	13:42	2.0	1.0	587.6	371.2	-0.9186
16-4	8/29/1995	13:25	1.0	0.5	854.2	511.0	-1.0276
16-4	8/29/1995	13:25	1.0	0.5	890.0	514.6	-1.0957
16-4	8/29/1995	13:25	1.0	0.5	938.2	526.3	-1.1562
16-5	8/29/1995	13:12	2.1	1.0	591.8	464.1	-0.4861
16-5	8/29/1995	13:12	2.1	1.0	555.6	453.6	-0.4057
16-5	8/29/1995	13:12	2.1	1.0	540.8	432.3	-0.4479
LB-1	8/29/1995	11:47	2.0	1.0	577.8	339.9	-1.0612
LB-1	8/29/1995	11:47	2.0	1.0	583.4	324.9	-1.1707
LB-1	8/29/1995	11:47	2.0	1.0	511.6	286.0	-1.1631
LB-2	8/29/1995	11:28	1.5	0.7	622.9	379.4	-0.9916
LB-2	8/29/1995	11:28	1.5	0.7	642.6	378.2	-1.0602
LB-2	8/29/1995	11:28	1.5	0.7	608.2	366.7	-1.0119
LB-3	8/29/1995	11:13	1.3	0.6	748.4	528.3	-0.6965
LB-3	8/29/1995	11:13	1.3	0.6	796.4	533.8	-0.8002
LB-3	8/29/1995	11:13	1.3	0.6	821.8	519.0	-0.9192
LB-4	8/29/1995	10:45	1.2	0.6	697.1	489.5	-0.7071
LB-4	8/29/1995	10:45	1.2	0.6	689.8	492.7	-0.6730
LB-4	8/29/1995	10:45	1.2	0.6	695.3	485.0	-0.7204
LB-5	8/29/1995	10:21	1.0	0.5	688.1	478.4	-0.7270
LB-5	8/29/1995	10:21	1.0	0.5	673.1	477.1	-0.6883
LB-5	8/29/1995	10:21	1.0	0.5	687.4	478.1	-0.7262
LB-5 Rep	8/29/1995	10:22	1.0	0.5	927.2	519.8	-1.1575
LB-5 Rep	8/29/1995	10:22	1.0	0.5	949.0	512.0	-1.2342

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
LB-5 Rep	8/29/1995	10:22	1.0	0.5	888.8	509.3	-1.1137
ML-1	8/22/1995	12:03	1.2	0.6	168.0	64.9	-1.9035
ML-1	8/22/1995	12:03	1.2	0.6	170.5	65.5	-1.9137
ML-1	8/22/1995	12:03	1.2	0.6	170.2	65.5	-1.9084
ML-2	8/22/1995	11:55	2.0	1.0	255.9	92.8	-2.0282
ML-2	8/22/1995	11:55	2.0	1.0	249.8	90.3	-2.0357
ML-2	8/22/1995	11:55	2.0	1.0	243.6	88.1	-2.0339
ML-3	8/22/1995	11:30	1.1	0.5	202.6	82.5	-1.7966
ML-3	8/22/1995	11:30	1.1	0.5	200.5	82.9	-1.7659
ML-3	8/22/1995	11:30	1.1	0.5	200.7	82.9	-1.7679
ML-4	8/22/1995	11:11	3.0	1.0	180.3	79.9	-1.6289
ML-4	8/22/1995	11:11	3.0	1.0	173.2	78.8	-1.5741
ML-4	8/22/1995	11:11	3.0	1.0	182.0	76.9	-1.7238
ML-5	8/22/1995	10:51	1.5	0.7	102.8	71.4	-0.7298
ML-5	8/22/1995	10:51	1.5	0.7	104.5	71.2	-0.7682
ML-5	8/22/1995	10:51	1.5	0.7	103.8	70.7	-0.7675
ML-5 Rep	8/22/1995	10:55	1.5	0.7	108.1	70.7	-0.8495
ML-5 Rep	8/22/1995	10:55	1.5	0.7	105.8	70.9	-0.8008
ML-5 Rep	8/22/1995	10:55	1.5	0.7	104.4	71.3	-0.7641
MU-1	8/22/1995	14:20	3.6	1.0	141.9	80.5	-1.1332
MU-1	8/22/1995	14:20	3.6	1.0	146.8	80.4	-1.2051
MU-1	8/22/1995	14:20	3.6	1.0	133.3	79.5	-1.0349
MU-2	8/22/1995	13:47	3.2	1.0	156.9	83.0	-1.2740
MU-2	8/22/1995	13:47	3.2	1.0	174.1	83.9	-1.4605
MU-2	8/22/1995	13:47	3.2	1.0	174.7	84.5	-1.4529
MU-3	8/22/1995	13:20	2.0	1.0	233.6	89.7	-1.9154
MU-3	8/22/1995	13:20	2.0	1.0	240.2	90.7	-1.9469
MU-3	8/22/1995	13:20	2.0	1.0	237.2	93.9	-1.8538
MU-4	8/22/1995	12:42	1.4	0.7	169.9	81.5	-1.4697
MU-4	8/22/1995	12:42	1.4	0.7	160.5	82.5	-1.3307
MU-4	8/22/1995	12:42	1.4	0.7	155.5	83.5	-1.2446
MU-5	8/22/1995	12:23	3.0	1.0	187.3	81.9	-1.6542
MU-5	8/22/1995	12:23	3.0	1.0	189.6	81.3	-1.6943
MU-5	8/22/1995	12:23	3.0	1.0	201.8	86.8	-1.6883
10-1	9/18/1995	12:35	2.8	1.0	726.2	476.6	-0.8423
10-1	9/18/1995	12:35	2.8	1.0	828.4	538.2	-0.8625
10-1	9/18/1995	12:35	2.8	1.0	853.4	556.9	-0.8537
10-2	9/18/1995	13:10	1.3	0.6	305.3	206.1	-0.7859
10-2	9/18/1995	13:10	1.3	0.6	310.3	206.3	-0.8164
10-2	9/18/1995	13:10	1.3	0.6	314.4	204.4	-0.8612
10-3	9/18/1995	12:49	2.2	1.0	494.7	319.8	-0.8725
10-3	9/18/1995	12:49	2.2	1.0	471.5	312.0	-0.8258
10-3	9/18/1995	12:49	2.2	1.0	464.5	316.3	-0.7685
10-4	9/18/1995	10:13	0.8	0.4	245.8	177.9	-0.6466
10-4	9/18/1995	10:13	0.8	0.4	249.4	180.3	-0.6489
10-4	9/18/1995	10:13	0.8	0.4	254.6	181.9	-0.6725
10-4 Rep	9/18/1995	10:13	0.8	0.4	249.4	177.7	-0.6779
10-4 Rep	9/18/1995	10:13	0.8	0.4	250.4	175.5	-0.7108
10-4 Rep	9/18/1995	10:13	0.8	0.4	249.8	172.7	-0.7382
10-5	9/18/1995	10:36	1.4	0.7	189.1	131.2	-0.7311
10-5	9/18/1995	10:36	1.4	0.7	189.5	130.7	-0.7430
10-5	9/18/1995	10:36	1.4	0.7	188.1	130.3	-0.7343
11-1	9/18/1995	12:15	3.4	1.0	318.5	186.2	-1.0736
11-1	9/18/1995	12:16	3.4	1.0	311.3	175.5	-1.1462
11-1	9/18/1995	12:16	3.4	1.0	305.4	174.0	-1.1251
11-2	9/18/1995	11:58	3.4	1.0	834.2	479.4	-1.1079
11-2	9/18/1995	11:58	3.4	1.0	842.5	480.6	-1.1227
11-2	9/18/1995	11:58	3.4	1.0	877.0	466.9	-1.2608
11-3	9/18/1995	11:39	3.5	1.0	1164.0	720.3	-0.9599
11-3	9/18/1995	11:39	3.5	1.0	1218.0	736.8	-1.0053
11-3	9/18/1995	11:39	3.5	1.0	1145.0	696.8	-0.9933
11-4	9/18/1995	11:09	2.4	1.0	672.0	385.3	-1.1125
11-4	9/18/1995	11:09	2.4	1.0	658.2	384.6	-1.0746

Light

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
11-4	9/18/1995	11:09	2.4	1.0	738.6	422.4	-1.1176
11-5	9/18/1995	10:54	2.7	1.0	375.6	217.2	-1.0954
11-5	9/18/1995	10:54	2.7	1.0	357.2	212.1	-1.0425
11-5	9/18/1995	10:54	2.7	1.0	351.7	205.8	-1.0717
13-1	9/19/1995	12:37	2.1	1.0	830.2	392.3	-1.4993
13-1	9/19/1995	12:37	2.1	1.0	815.4	384.5	-1.5035
13-1	9/19/1995	12:38	2.1	1.0	778.1	376.6	-1.4513
13-2	9/19/1995	12:25	1.9	0.9	795.4	381.4	-1.4700
13-2	9/19/1995	12:25	1.9	0.9	831.8	385.7	-1.5371
13-2	9/19/1995	12:25	1.9	0.9	807.0	394.0	-1.4339
13-3	9/19/1995	12:03	2.2	1.0	626.4	232.8	-1.9796
13-3	9/19/1995	12:03	2.2	1.0	616.8	228.9	-1.9825
13-3	9/19/1995	12:03	2.2	1.0	554.2	217.9	-1.8670
13-4	9/19/1995	11:42	0.9	0.4	661.8	248.4	-1.9598
13-4	9/19/1995	11:42	0.9	0.4	658.7	248.4	-1.9505
13-4	9/19/1995	11:42	0.9	0.4	759.5	240.6	-2.2990
13-5	9/19/1995	11:22	2.2	1.0	562.4	217.6	-1.8991
13-5	9/19/1995	11:22	2.2	1.0	544.6	199.6	-2.0075
13-5	9/19/1995	11:22	2.2	1.0	529.9	199.2	-1.9568
14-1	9/19/1995	11:08	2.5	1.0	440.5	169.7	-1.9078
14-1	9/19/1995	11:08	2.5	1.0	484.2	177.3	-2.0093
14-1	9/19/1995	11:08	2.5	1.0	488.4	183.7	-1.9557
14-2	9/19/1995	10:54	2.1	1.0	447.2	166.2	-1.9796
14-2	9/19/1995	10:54	2.1	1.0	466.8	165.1	-2.0787
14-2	9/19/1995	10:54	2.1	1.0	454.8	165.6	-2.0206
14-3	9/19/1995	10:33	2.5	1.0	434.6	135.2	-2.3353
14-3	9/19/1995	10:33	2.5	1.0	416.2	130.8	-2.3150
14-3	9/19/1995	10:33	2.5	1.0	396.6	130.4	-2.2246
14-4	9/19/1995	10:18	2.1	1.0	433.8	144.6	-2.1972
14-4	9/19/1995	10:18	2.1	1.0	425.4	143.9	-2.1678
14-4	9/19/1995	10:18	2.1	1.0	403.3	137.8	-2.1478
14-5	9/19/1995	10:01	2.4	1.0	309.3	96.0	-2.3395
14-5	9/19/1995	10:01	2.4	1.0	325.8	98.6	-2.3900
14-5	9/19/1995	10:00	2.4	1.0	301.1	100.9	-2.1866
14-5 Rep	9/19/1995	10:01	2.4	1.0	266.2	96.7	-2.0244
14-5 Rep	9/19/1995	10:01	2.4	1.0	277.0	96.4	-2.1114
14-5 Rep	9/19/1995	10:01	2.4	1.0	288.0	95.9	-2.2001
16-1	9/20/1995	12:52	1.2	0.6	880.7	271.9	-2.3506
16-1	9/20/1995	12:52	1.2	0.6	850.8	264.2	-2.3389
16-1	9/20/1995	12:52	1.2	0.6	812.5	256.0	-2.3099
16-2	9/20/1995	12:33	1.3	0.6	859.3	333.5	-1.8930
16-2	9/20/1995	12:33	1.3	0.6	825.8	323.8	-1.8725
16-2	9/20/1995	12:33	1.3	0.6	827.0	329.3	-1.8417
16-3	9/20/1995	12:18	2.0	1.0	785.6	358.7	-1.5679
16-3	9/20/1995	12:18	2.0	1.0	781.0	358.1	-1.5595
16-3	9/20/1995	12:18	2.0	1.0	785.9	358.8	-1.5681
16-4	9/20/1995	12:02	2.5	1.0	691.7	303.6	-1.6469
16-4	9/20/1995	12:02	2.5	1.0	667.4	308.8	-1.5414
16-4	9/20/1995	12:02	2.5	1.0	671.3	310.1	-1.5446
16-5	9/20/1995	11:42	1.8	0.9	667.6	376.0	-1.1482
16-5	9/20/1995	11:42	1.8	0.9	763.1	364.2	-1.4794
16-5	9/20/1995	11:42	1.8	0.9	761.8	371.3	-1.4373
LB-1	9/20/1995	10:57	0.7	0.3	696.0	282.1	-1.8062
LB-1	9/20/1995	10:57	0.7	0.3	629.1	289.1	-1.5550
LB-1	9/20/1995	10:57	0.7	0.3	817.6	291.9	-2.0599
LB-2	9/20/1995	10:42	1.1	0.5	363.9	113.4	-2.3319
LB-2	9/20/1995	10:42	1.1	0.5	355.8	108.2	-2.3808
LB-2	9/20/1995	10:42	1.1	0.5	353.7	106.6	-2.3987
LB-3	9/20/1995	10:15	3.3	1.0	199.2	61.5	-2.3496
LB-3	9/20/1995	10:15	3.3	1.0	216.3	60.3	-2.5547
LB-3	9/20/1995	10:15	3.3	1.0	207.7	58.4	-2.5382
LB-4	9/20/1995	10:01	2.0	1.0	233.8	65.7	-2.5403
LB-4	9/20/1995	10:01	2.0	1.0	230.0	63.5	-2.5753
LB-4	9/20/1995	10:01	2.0	1.0	215.2	63.0	-2.4572

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
LB-5	9/20/1995	9:45	0.9	0.4	247.3	51.4	-3.1408
LB-5	9/20/1995	9:45	0.9	0.4	261.1	50.1	-3.3034
LB-5	9/20/1995	9:45	0.9	0.4	271.4	47.7	-3.4761
LB-5 Rep	9/20/1995	9:50	0.9	0.4	256.8	51.7	-3.2068
LB-5 Rep	9/20/1995	9:50	0.9	0.4	256.8	52.8	-3.1640
LB-5 Rep	9/20/1995	9:50	0.9	0.4	249.3	52.5	-3.1157
ML-1	9/21/1995	11:57	1.2	0.6	177.6	86.0	-1.4499
ML-1	9/21/1995	11:57	1.2	0.6	161.6	85.5	-1.2739
ML-1	9/21/1995	11:57	1.2	0.6	170.6	82.1	-1.4633
ML-2	9/21/1995	11:41	1.7	0.8	340.9	106.7	-2.3231
ML-2	9/21/1995	11:41	1.7	0.8	286.6	100.6	-2.0939
ML-2	9/21/1995	11:41	1.7	0.8	271.4	85.3	-2.3146
ML-3	9/21/1995	11:24	1.0	0.5	205.8	92.7	-1.5959
ML-3	9/21/1995	11:24	1.0	0.5	208.7	91.2	-1.6563
ML-3	9/21/1995	11:24	1.0	0.5	221.0	94.7	-1.6949
ML-4	9/21/1995	11:03	1.6	0.8	167.4	86.9	-1.3117
ML-4	9/21/1995	11:03	1.6	0.8	183.8	89.5	-1.4388
ML-4	9/21/1995	11:03	1.6	0.8	181.9	88.1	-1.4509
ML-5	9/21/1995	10:46	2.3	1.0	409.9	93.8	-2.9497
ML-5	9/21/1995	10:46	2.3	1.0	416.9	94.4	-2.9710
ML-5	9/21/1995	10:46	2.3	1.0	418.8	94.5	-2.9784
ML-5 Rep	9/21/1995	10:46	2.3	1.0	404.6	92.2	-2.9574
ML-5 Rep	9/21/1995	10:46	2.3	1.0	405.7	93.0	-2.9462
ML-5 Rep	9/21/1995	10:46	2.3	1.0	406.3	93.6	-2.9372
MU-1	9/21/1995	13:30	2.0	1.0	154.1	67.3	-1.6569
MU-1	9/21/1995	13:30	2.0	1.0	151.8	62.2	-1.7857
MU-1	9/21/1995	13:30	2.0	1.0	157.4	60.3	-1.9176
MU-2	9/21/1995	13:04	1.5	0.7	170.8	47.0	-2.5824
MU-2	9/21/1995	13:04	1.5	0.7	172.1	46.0	-2.6380
MU-2	9/21/1995	13:04	1.5	0.7	179.8	42.7	-2.8758
MU-3	9/21/1995	12:50	1.2	0.6	165.0	42.7	-2.7042
MU-3	9/21/1995	12:50	1.2	0.6	165.5	47.5	-2.4956
MU-3	9/21/1995	12:50	1.2	0.6	165.7	50.6	-2.3722
MU-4	9/21/1995	12:26	2.0	1.0	203.7	72.0	-2.0808
MU-4	9/21/1995	12:26	2.0	1.0	204.4	71.3	-2.1052
MU-4	9/21/1995	12:26	2.0	1.0	206.4	68.6	-2.2033
MU-5	9/21/1995	12:11	1.2	0.6	181.1	59.2	-2.2366
MU-5	9/21/1995	12:11	1.2	0.6	174.0	55.6	-2.2807
MU-5	9/21/1995	12:11	1.2	0.6	170.4	54.0	-2.2994
10-1	10/17/95	10:58	3.3	1.0	402.7	200.6	-1.3938
10-1	10/17/95	10:58	3.3	1.0	394.3	200.1	-1.3566
10-1	10/17/95	10:58	3.3	1.0	400.2	199.6	-1.3913
10-2	10/17/95	11:47	1.6	0.8	722.7	421.7	-1.0774
10-2	10/17/95	11:47	1.6	0.8	739.8	425.2	-1.1076
10-2	10/17/95	11:47	1.6	0.8	756.8	435.4	-1.1057
10-3	10/17/95	11:20	2.1	1.0	856.9	572.1	-0.8080
10-3	10/17/95	11:20	2.1	1.0	902.7	579.0	-0.8881
10-3	10/17/95	11:20	2.1	1.0	831.4	529.3	-0.9030
10-4	10/17/95	13:19	1.2	0.6	498.8	332.7	-0.8099
10-4	10/17/95	13:19	1.2	0.6	501.1	331.3	-0.8276
10-4	10/17/95	13:19	1.2	0.6	500.6	333.8	-0.8105
10-5	10/17/95	13:00	1.2	0.6	505.9	338.9	-0.8013
10-5	10/17/95	13:00	1.2	0.6	510.0	344.1	-0.7870
10-5	10/17/95	13:00	1.2	0.6	511.2	345.1	-0.7859
11-1	10/17/95	10:36	3.0	1.0	547.2	291.5	-1.2595
11-1	10/17/95	10:36	3.0	1.0	526.4	283.8	-1.2359
11-1	10/17/95	10:36	3.0	1.0	520.4	279.3	-1.2450
11-2	10/17/95	10:08	3.2	1.0	385.8	187.2	-1.4463
11-2	10/17/95	10:08	3.2	1.0	385.8	190.1	-1.4155
11-2	10/17/95	10:08	3.2	1.0	378.9	189.2	-1.3889
11-2 Rep	10/17/95	10:14	3.2	1.0	355.7	182.5	-1.3347
11-2 Rep	10/17/95	10:14	3.2	1.0	363.2	183.5	-1.3655
11-2 Rep	10/17/95	10:14	3.2	1.0	363.4	183.9	-1.3622

Light

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
11-3	10/17/95	13:45	2.5	1.0	399.5	288.5	-0.6512
11-3	10/17/95	13:45	2.5	1.0	409.9	292.3	-0.6764
11-3	10/17/95	13:45	2.5	1.0	408.8	287.5	-0.7038
11-4	10/17/95	12:16	2.0	1.0	452.0	319.9	-0.6913
11-4	10/17/95	12:16	2.0	1.0	442.7	319.5	-0.6523
11-4	10/17/95	12:16	2.0	1.0	443.7	319.6	-0.6562
11-5	10/17/95	12:46	2.1	1.0	497.2	364.5	-0.6209
11-5	10/17/95	12:46	2.1	1.0	498.4	361.5	-0.6423
11-5	10/17/95	12:46	2.1	1.0	518.0	376.2	-0.6397
13-1	10/16/95	13:27	1.1	0.5	442.2	170.3	-1.9084
13-1	10/16/95	13:27	1.1	0.5	444.7	171.3	-1.9080
13-1	10/16/95	13:27	1.1	0.5	439.8	172.4	-1.8730
13-2	10/16/95	13:12	1.4	0.7	560.3	223.5	-1.8381
13-2	10/16/95	13:12	1.4	0.7	546.0	217.8	-1.8381
13-2	10/16/95	13:12	1.4	0.7	530.3	213.6	-1.8187
13-3	10/16/95	12:47	0.8	0.4	660.1	255.2	-1.9007
13-3	10/16/95	12:47	0.8	0.4	669.0	258.6	-1.9010
13-3	10/16/95	12:47	0.8	0.4	770.2	292.2	-1.9384
13-4	10/16/95	12:27	3.5	1.0	722.2	283.4	-1.8709
13-4	10/16/95	12:27	3.5	1.0	588.2	222.9	-1.9407
13-4	10/16/95	12:27	3.5	1.0	580.9	219.3	-1.9483
13-5	10/16/95	11:57	1.8	0.9	593.6	226.3	-1.9287
13-5	10/16/95	11:57	1.8	0.9	407.4	156.2	-1.9173
13-5	10/16/95	11:57	1.8	0.9	406.1	153.0	-1.9523
14-1	10/16/95	11:41	1.7	0.8	302.0	116.5	-1.9051
14-1	10/16/95	11:41	1.7	0.8	281.2	111.3	-1.8537
14-1	10/16/95	11:41	1.7	0.8	291.2	113.0	-1.8932
14-2	10/16/95	11:22	1.4	0.7	322.5	128.3	-1.8435
14-2	10/16/95	11:22	1.4	0.7	319.9	120.4	-1.9544
14-2	10/16/95	11:22	1.4	0.7	329.9	124.8	-1.9442
14-3	10/16/95	11:06	0.9	0.4	465.4	173.2	-1.9769
14-3	10/16/95	11:06	0.9	0.4	436.7	163.2	-1.9681
14-3	10/16/95	11:06	0.9	0.4	436.0	167.8	-1.9095
14-4	10/16/95	10:43	1.4	0.7	406.0	137.6	-2.1640
14-4	10/16/95	10:43	1.4	0.7	403.4	134.3	-2.1997
14-4	10/16/95	10:43	1.4	0.7	393.8	134.0	-2.1560
14-5	10/16/95	10:19	1.6	0.8	360.0	104.9	-2.4662
14-5	10/16/95	10:19	1.6	0.8	355.8	103.0	-2.4793
14-5	10/16/95	10:19	1.6	0.8	347.8	105.1	-2.3934
14-5 Rep	10/16/95	10:19	1.6	0.8	368.9	107.6	-2.4642
14-5 Rep	10/16/95	10:19	1.6	0.8	362.8	105.3	-2.4741
14-5 Rep	10/16/95	10:19	1.6	0.8	364.0	104.8	-2.4902
16-1	10/19/95	13:49	0.8	0.4	296.2	117.1	-1.8560
16-1	10/19/95	13:49	0.8	0.4	300.1	113.6	-1.9429
16-1	10/19/95	13:49	0.8	0.4	296.8	113.1	-1.9296
16-2	10/19/95	13:30	0.7	0.3	442.0	173.7	-1.8680
16-2	10/19/95	13:30	0.7	0.3	528.0	199.4	-1.9476
16-2	10/19/95	13:30	0.7	0.3	513.0	197.6	-1.9081
16-3	10/19/95	13:16	2.1	1.0	424.6	181.4	-1.7009
16-3	10/19/95	13:16	2.1	1.0	427.2	172.7	-1.8119
16-3	10/19/95	13:16	2.1	1.0	417.2	167.3	-1.8276
16-4	10/19/95	13:05	0.8	0.4	512.4	253.8	-1.4051
16-4	10/19/95	13:05	0.8	0.4	519.7	259.8	-1.3867
16-4	10/19/95	13:05	0.8	0.4	563.9	276.4	-1.4261
16-5	10/19/95	12:51	1.4	0.7	329.4	143.6	-1.6605
16-5	10/19/95	12:51	1.4	0.7	327.0	149.6	-1.5640
16-5	10/19/95	12:51	1.4	0.7	367.4	180.2	-1.4248
LB-1	10/19/95	11:26	0.9	0.4	545.4	216.8	-1.8451
LB-1	10/19/95	11:26	0.9	0.4	571.2	233.1	-1.7930
LB-1	10/19/95	11:26	0.9	0.4	618.0	262.9	-1.7094
LB-2	10/19/95	11:05	0.7	0.3	651.1	305.5	-1.5134
LB-2	10/19/95	11:05	0.7	0.3	658.9	309.8	-1.5096
LB-2	10/19/95	11:05	0.7	0.3	698.6	317.5	-1.5772
LB-3	10/19/95	10:53	1.1	0.5	423.6	189.7	-1.6069

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
LB-3	10/19/95	10:53	1.1	0.5	444.4	190.9	-1.6902
LB-3	10/19/95	10:53	1.1	0.5	449.4	186.3	-1.7609
LB-4	10/19/95	10:33	1.9	0.9	566.0	325.5	-1.1063
LB-4	10/19/95	10:33	1.9	0.9	536.4	311.2	-1.0889
LB-4	10/19/95	10:33	1.9	0.9	532.8	312.1	-1.0696
LB-5	10/19/95	10:12	2.2	1.0	330.2	191.5	-1.0900
LB-5	10/19/95	10:12	2.2	1.0	341.8	195.8	-1.1148
LB-5	10/19/95	10:12	2.2	1.0	344.0	194.3	-1.1427
LB-5 Rep	10/19/95	10:12	2.2	1.0	332.2	177.3	-1.2558
LB-5 Rep	10/19/95	10:12	2.2	1.0	335.4	177.7	-1.2702
LB-5 Rep	10/19/95	10:12	2.2	1.0	328.4	177.8	-1.2274
ML-1	10/18/95	10:59	1.4	0.7	372.6	141.5	-1.9367
ML-1	10/18/95	10:59	1.4	0.7	356.6	144.6	-1.8053
ML-1	10/18/95	10:59	1.4	0.7	338.0	138.5	-1.7844
ML-2	10/18/95	10:46	1.0	0.5	352.8	142.3	-1.8156
ML-2	10/18/95	10:46	1.0	0.5	347.4	149.8	-1.6830
ML-2	10/18/95	10:46	1.0	0.5	351.0	154.2	-1.6457
ML-3	10/18/95	10:36	1.2	0.6	363.2	175.8	-1.4512
ML-3	10/18/95	10:36	1.2	0.6	404.8	170.4	-1.7305
ML-3	10/18/95	10:36	1.2	0.6	389.2	166.1	-1.7030
ML-4	10/18/95	10:17	2.3	1.0	465.6	191.8	-1.7742
ML-4	10/18/95	10:17	2.3	1.0	466.0	187.5	-1.8208
ML-4	10/18/95	10:17	2.3	1.0	453.2	183.2	-1.8115
ML-5	10/18/95	10:02	1.5	0.7	499.4	219.3	-1.6461
ML-5	10/18/95	10:02	1.5	0.7	484.0	224.3	-1.5380
ML-5	10/18/95	10:03	1.5	0.7	480.0	226.7	-1.5001
MU-1	10/18/95	12:20	2.2	1.0	458.4	225.0	-1.4233
MU-1	10/18/95	12:20	2.2	1.0	465.3	227.0	-1.4356
MU-1	10/18/95	12:20	2.2	1.0	471.3	231.1	-1.4251
MU-1 Rep	10/18/95	12:22	2.2	1.0	414.6	204.7	-1.4113
MU-1 Rep	10/18/95	12:22	2.2	1.0	413.7	201.9	-1.4345
MU-1 Rep	10/18/95	12:22	2.2	1.0	406.5	194.2	-1.4774
MU-2	10/18/95	12:01	1.5	0.7	312.3	186.5	-1.0313
MU-2	10/18/95	12:01	1.5	0.7	310.2	186.5	-1.0178
MU-2	10/18/95	12:01	1.5	0.7	308.7	187.2	-1.0004
MU-3	10/18/95	11:44	1.0	0.5	309.3	172.4	-1.1685
MU-3	10/18/95	11:44	1.0	0.5	314.1	170.7	-1.2193
MU-3	10/18/95	11:44	1.0	0.5	316.8	164.2	-1.3149
MU-4	10/18/95	11:29	1.0	0.5	334.5	133.9	-1.8317
MU-4	10/18/95	11:29	1.0	0.5	330.3	131.2	-1.8463
MU-4	10/18/95	11:29	1.0	0.5	321.0	129.0	-1.8237
MU-5	10/18/95	11:16	3.0	1.0	297.0	149.9	-1.3680
MU-5	10/18/95	11:16	3.0	1.0	306.3	154.0	-1.3754
MU-5	10/18/95	11:16	3.0	1.0	310.8	159.2	-1.3379
10-1	11/13/1995	11:00	2.8	1.0	1143.0	797.6	-0.7196
10-1	11/13/1995	11:00	2.8	1.0	1241.0	899.0	-0.6448
10-1	11/13/1995	11:00	2.8	1.0	1120.0	790.5	-0.6968
10-2	11/13/1995	11:20	1.4	0.7	1128.0	656.6	-1.0823
10-2	11/13/1995	11:20	1.4	0.7	1061.0	602.9	-1.1304
10-2	11/13/1995	11:20	1.4	0.7	1083.0	609.5	-1.1497
10-3	11/13/1995	11:40	1.8	0.9	1086.0	718.5	-0.8262
10-3	11/13/1995	11:40	1.8	0.9	1068.0	695.2	-0.8587
10-3	11/13/1995	11:40	1.8	0.9	1112.0	715.2	-0.8827
10-4	11/13/1995	12:05	4.2	1.0	1201.0	738.8	-0.9718
10-4	11/13/1995	12:05	4.2	1.0	1225.0	777.7	-0.9087
10-4	11/13/1995	12:05	4.2	1.0	1230.0	748.1	-0.9945
10-5	11/13/1995	12:35	3.9	1.0	1141.0	768.1	-0.7915
10-5	11/13/1995	12:35	3.9	1.0	1094.0	735.5	-0.7941
10-5	11/13/1995	12:35	3.9	1.0	1116.0	728.8	-0.8522
11-1	11/13/1995	10:35	3.2	1.0	1182.0	710.5	-1.0180
11-1	11/13/1995	10:35	3.2	1.0	1225.0	709.9	-1.0911
11-1	11/13/1995	10:35	3.2	1.0	1214.0	704.0	-1.0898
11-2	11/13/1995	10:00	2.7	1.0	1100.4	716.0	-0.8595

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
11-2	11/13/1995	10:00	2.7	1.0	1118.4	718.0	-0.8864
11-2	11/13/1995	10:00	2.7	1.0	1101.6	709.2	-0.8808
11-2 Rep	11/13/1995	10:10	2.7	1.0	1076.0	705.6	-0.8439
11-2 Rep	11/13/1995	10:10	2.7	1.0	1098.4	716.4	-0.8547
11-2 Rep	11/13/1995	10:10	2.7	1.0	1136.8	739.2	-0.8608
11-3	11/13/1995	13:35	2.6	1.0	1020.0	729.4	-0.6707
11-3	11/13/1995	13:35	2.6	1.0	1085.0	768.2	-0.6906
11-3	11/13/1995	13:35	2.6	1.0	1172.0	827.3	-0.6966
11-4	11/13/1995	13:15	1.6	0.8	1037.0	752.0	-0.6427
11-4	11/13/1995	13:15	1.6	0.8	991.6	699.2	-0.6988
11-4	11/13/1995	13:15	1.6	0.8	1086.0	766.4	-0.6971
11-5	11/13/1995	12:50	2.2	1.0	1000.8	592.5	-1.0484
11-5	11/13/1995	12:50	2.2	1.0	903.5	534.8	-1.0490
11-5	11/13/1995	12:50	2.2	1.0	964.5	538.8	-1.1647
13-1	11/14/1995	12:45	1.9	0.9	810.3	331.5	-1.7876
13-1	11/14/1995	12:45	1.9	0.9	770.0	336.2	-1.6574
13-1	11/14/1995	12:45	1.9	0.9	861.4	333.9	-1.8954
13-2	11/14/1995	12:30	1.4	0.7	938.0	507.0	-1.2305
13-2	11/14/1995	12:30	1.4	0.7	1053.0	602.3	-1.1173
13-2	11/14/1995	12:30	1.4	0.7	957.0	533.9	-1.1672
13-3	11/14/1995	12:10	1.6	0.8	681.4	374.7	-1.1960
13-3	11/14/1995	12:10	1.6	0.8	695.7	367.7	-1.2753
13-3	11/14/1995	12:10	1.6	0.8	683.3	368.8	-1.2334
13-4	11/14/1995	11:50	1.6	0.8	923.8	435.8	-1.5026
13-4	11/14/1995	11:50	1.6	0.8	906.5	423.8	-1.5207
13-4	11/14/1995	11:50	1.6	0.8	835.1	365.4	-1.6531
13-5	11/14/1995	11:30	1.8	0.9	1023.0	469.5	-1.5577
13-5	11/14/1995	11:30	1.8	0.9	1022.0	471.4	-1.5476
13-5	11/14/1995	11:30	1.8	0.9	969.0	430.4	-1.6231
14-1	11/14/1995	11:10	2.1	1.0	895.7	473.9	-1.2732
14-1	11/14/1995	11:10	2.1	1.0	841.9	464.7	-1.1885
14-1	11/14/1995	11:10	2.1	1.0	877.8	490.6	-1.1636
14-2	11/14/1995	10:55	0.8	0.4	1014.0	523.2	-1.3234
14-2	11/14/1995	10:55	0.8	0.4	1073.0	571.8	-1.2588
14-2	11/14/1995	10:55	0.8	0.4	1026.0	552.5	-1.2379
14-3	11/14/1995	10:40	1.0	0.5	1032.0	482.8	-1.5193
14-3	11/14/1995	10:40	1.0	0.5	1060.0	505.7	-1.4802
14-3	11/14/1995	10:40	1.0	0.5	1020.0	527.4	-1.3192
14-4	11/14/1995	10:20	1.2	0.6	819.7	346.1	-1.7244
14-4	11/14/1995	10:20	1.2	0.6	810.3	351.0	-1.6732
14-4	11/14/1995	10:20	1.2	0.6	832.7	385.1	-1.5423
14-5	11/14/1995	10:00	1.2	0.6	789.6	345.8	-1.6513
14-5	11/14/1995	10:00	1.2	0.6	829.4	348.9	-1.7318
14-5	11/14/1995	10:00	1.2	0.6	861.9	357.6	-1.7594
14-5 Rep	11/14/1995	10:10	1.2	0.6	874.5	381.1	-1.6612
14-5 Rep	11/14/1995	10:10	1.2	0.6	793.7	334.3	-1.7293
14-5 Rep	11/14/1995	10:10	1.2	0.6	764.1	341.8	-1.6089
16-1	11/16/1995	13:45	1.5	0.7	797.5	360.4	-1.5885
16-1	11/16/1995	13:45	1.5	0.7	876.2	382.5	-1.6577
16-1	11/16/1995	13:45	1.5	0.7	883.7	401.0	-1.5803
16-2	11/16/1995	13:30	1.0	0.5	967.0	553.9	-1.1144
16-2	11/16/1995	13:30	1.0	0.5	925.8	550.4	-1.0400
16-2	11/16/1995	13:30	1.0	0.5	936.3	513.8	-1.2002
16-3	11/16/1995	13:15	1.1	0.5	1009.0	691.7	-0.7551
16-3	11/16/1995	13:15	1.1	0.5	926.6	632.6	-0.7634
16-3	11/16/1995	13:15	1.1	0.5	1092.3	733.9	-0.7953
16-4	11/16/1995	13:00	3.1	1.0	981.9	570.6	-1.0856
16-4	11/16/1995	13:00	3.1	1.0	969.8	563.2	-1.0869
16-4	11/16/1995	13:00	3.1	1.0	903.3	550.8	-0.9894
16-5	11/16/1995	12:40	3.0	1.0	875.7	556.5	-0.9067
16-5	11/16/1995	12:40	3.0	1.0	862.7	551.2	-0.8959
16-5	11/16/1995	12:40	3.0	1.0	861.9	560.2	-0.8617
LB-1	11/16/1995	11:50	0.8	0.4	898.2	479.5	-1.2553
LB-1	11/16/1995	11:50	0.8	0.4	953.0	478.7	-1.3771

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
LB-1	11/16/1995	11:50	0.8	0.4	895.0	472.6	-1.2771
LB-2	11/16/1995	11:25	1.0	0.5	1160.0	577.4	-1.3953
LB-2	11/16/1995	11:25	1.0	0.5	1133.0	541.1	-1.4780
LB-2	11/16/1995	11:25	1.0	0.5	1117.0	561.8	-1.3745
LB-3	11/16/1995	11:05	1.0	0.5	933.7	361.8	-1.8961
LB-3	11/16/1995	11:05	1.0	0.5	999.5	369.1	-1.9924
LB-3	11/16/1995	11:05	1.0	0.5	931.8	366.7	-1.8651
LB-4	11/16/1995	10:35	0.8	0.4	905.3	427.2	-1.5021
LB-4	11/16/1995	10:35	0.8	0.4	867.3	410.5	-1.4963
LB-4	11/16/1995	10:35	0.8	0.4	865.3	402.0	-1.5333
LB-5	11/16/1995	10:00	0.6	0.3	663.8	342.6	-1.3228
LB-5	11/16/1995	10:00	0.6	0.3	648.9	325.6	-1.3792
LB-5	11/16/1995	10:00	0.6	0.3	647.4	331.3	-1.3399
LB-5 Rep	11/16/1995	10:10	0.6	0.3	761.2	337.5	-1.6267
LB-5 Rep	11/16/1995	10:10	0.6	0.3	733.6	322.7	-1.6425
LB-5 Rep	11/16/1995	10:10	0.6	0.3	740.3	327.4	-1.6317
ML-1	11/15/1995	11:25	1.2	0.6	769.8	307.2	-1.8371
ML-1	11/15/1995	11:25	1.2	0.6	784.3	313.0	-1.8370
ML-1	11/15/1995	11:25	1.2	0.6	805.3	315.1	-1.8765
ML-2	11/15/1995	11:05	0.9	0.4	533.8	216.0	-1.8095
ML-2	11/15/1995	11:05	0.9	0.4	570.9	230.4	-1.8148
ML-2	11/15/1995	11:05	0.9	0.4	518.7	204.8	-1.8586
ML-3	11/15/1995	10:50	2.9	1.0	954.6	445.5	-1.5242
ML-3	11/15/1995	10:50	2.9	1.0	847.2	385.5	-1.5748
ML-3	11/15/1995	10:50	2.9	1.0	877.5	377.4	-1.6875
ML-4	11/15/1995	10:25	3.0	1.0	631.1	288.9	-1.5628
ML-4	11/15/1995	10:25	3.0	1.0	623.1	270.0	-1.6726
ML-4	11/15/1995	10:25	3.0	1.0	693.6	311.2	-1.6029
ML-5	11/15/1995	10:00	1.0	0.5	569.7	307.2	-1.2352
ML-5	11/15/1995	10:00	1.0	0.5	622.2	309.3	-1.3979
ML-5	11/15/1995	10:00	1.0	0.5	623.4	312.9	-1.3786
ML-5 Rep	11/15/1995	10:10	1.0	0.5	610.5	297.0	-1.4413
ML-5 Rep	11/15/1995	10:10	1.0	0.5	615.3	300.6	-1.4327
ML-5 Rep	11/15/1995	10:10	1.0	0.5	580.8	288.0	-1.4029
MU-1	11/15/1995	13:00	2.1	1.0	810.6	341.9	-1.7263
MU-1	11/15/1995	13:00	2.1	1.0	825.6	341.5	-1.7653
MU-1	11/15/1995	13:00	2.1	1.0	783.9	328.6	-1.7390
MU-2	11/15/1995	12:40	1.4	0.7	932.7	444.3	-1.4831
MU-2	11/15/1995	12:40	1.4	0.7	987.0	448.8	-1.5761
MU-2	11/15/1995	12:40	1.4	0.7	919.7	416.6	-1.5838
MU-3	11/15/1995	12:25	0.8	0.4	996.0	472.1	-1.4932
MU-3	11/15/1995	12:25	0.8	0.4	863.2	411.7	-1.4808
MU-3	11/15/1995	12:25	0.8	0.4	917.5	438.9	-1.4749
MU-4	11/15/1995	12:05	1.1	0.5	701.7	307.2	-1.6520
MU-4	11/15/1995	12:05	1.1	0.5	865.5	370.1	-1.6990
MU-4	11/15/1995	12:05	1.1	0.5	940.8	402.8	-1.6966
MU-5	11/15/1995	11:50	1.4	0.7	890.5	365.8	-1.7794
MU-5	11/15/1995	11:50	1.4	0.7	799.2	337.3	-1.7253
MU-5	11/15/1995	11:50	1.4	0.7	869.1	342.2	-1.8641
10-1	12/14/1995	12:25	3.0	1.0	1237.0	733.6	-1.0450
10-1	12/14/1995	12:25	3.0	1.0	1237.0	740.2	-1.0270
10-1	12/14/1995	12:25	3.0	1.0	1242.0	742.6	-1.0286
10-2	12/14/1995	11:20	1.5	0.7	1242.0	685.2	-1.1895
10-2	12/14/1995	11:20	1.5	0.7	1236.0	705.3	-1.1220
10-2	12/14/1995	11:20	1.5	0.7	1190.0	660.3	-1.1780
10-3	12/14/1995	12:45	2.7	1.0	1239.0	796.0	-0.8849
10-3	12/14/1995	12:25	2.7	1.0	1252.0	818.6	-0.8498
10-3	12/14/1995	12:25	2.7	1.0	1236.0	810.9	-0.8430
10-4	12/14/1995	11:05	1.2	0.6	1180.0	643.7	-1.2121
10-4	12/14/1995	11:05	1.2	0.6	1199.0	679.0	-1.1372
10-4	12/14/1995	11:05	1.2	0.6	1226.0	672.0	-1.2025
10-5	12/14/1995	10:45	2.3	1.0	1112.0	704.3	-0.9134
10-5	12/14/1995	10:45	2.3	1.0	1030.0	646.8	-0.9306

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
10-5	12/14/1995	10:45	2.3	1.0	1196.0	759.2	-0.9089
11-1	12/14/1995	12:10	3.1	1.0	1287.0	807.0	-0.9335
11-1	12/14/1995	12:10	3.1	1.0	1311.0	807.7	-0.9687
11-1	12/14/1995	12:10	3.1	1.0	1315.0	812.5	-0.9630
11-2	12/14/1995	11:55	3.2	1.0	1301.0	709.6	-1.2124
11-2	12/14/1995	11:55	3.2	1.0	1284.0	700.6	-1.2116
11-2	12/14/1995	11:55	3.2	1.0	1272.0	698.3	-1.1994
11-3	12/14/1995	11:35	2.7	1.0	1190.0	732.3	-0.9710
11-3	12/14/1995	11:35	2.7	1.0	1234.0	769.8	-0.9438
11-3	12/14/1995	11:35	2.7	1.0	1178.0	750.2	-0.9025
11-4	12/14/1995	10:00	3.6	1.0	909.1	555.5	-0.9852
11-4	12/14/1995	10:00	3.6	1.0	959.4	587.2	-0.9819
11-4	12/14/1995	10:00	2.8	1.0	928.0	569.2	-0.9776
11-4 Rep	12/14/1995	10:10	3.6	1.0	898.6	568.5	-0.9157
11-4 Rep	12/14/1995	10:10	3.6	1.0	887.8	549.3	-0.9602
11-4 Rep	12/14/1995	10:10	3.6	1.0	974.1	592.5	-0.9943
11-5	12/14/1995	10:30	2.6	1.0	948.9	488.0	-1.3300
11-5	12/14/1995	10:30	2.6	1.0	1161.0	599.4	-1.3222
11-5	12/14/1995	10:30	2.6	1.0	1034.0	534.0	-1.3216
13-1	12/11/1995	13:30	1.6	0.8	1141.4	625.0	-1.2045
13-1	12/11/1995	13:30	1.6	0.8	1108.0	610.3	-1.1927
13-1	12/11/1995	13:30	1.6	0.8	1151.0	621.1	-1.2338
13-2	12/11/1995	13:05	1.3	0.6	745.5	486.2	-0.8549
13-2	12/11/1995	13:05	1.3	0.6	770.6	508.5	-0.8314
13-2	12/11/1995	13:05	1.3	0.6	797.4	511.4	-0.8884
13-3	12/11/1995	12:45	1.5	0.7	816.0	485.8	-1.0372
13-3	12/11/1995	12:45	1.5	0.7	809.0	487.4	-1.0134
13-3	12/11/1995	12:45	1.5	0.7	832.0	475.3	-1.1198
13-4	12/11/1995	12:15	1.1	0.5	938.7	520.0	-1.1813
13-4	12/11/1995	12:15	1.1	0.5	961.8	548.6	-1.1229
13-4	12/11/1995	12:15	1.1	0.5	944.8	527.2	-1.1668
13-5	12/11/1995	11:50	2.4	1.0	862.1	508.5	-1.0558
13-5	12/11/1995	11:50	2.4	1.0	823.6	483.4	-1.0657
13-5	12/11/1995	11:50	2.4	1.0	777.2	454.6	-1.0726
14-1	12/11/1995	11:35	1.3	0.6	994.1	601.5	-1.0048
14-1	12/11/1995	11:35	1.3	0.6	972.7	580.6	-1.0320
14-1	12/11/1995	11:35	1.3	0.6	990.0	593.8	-1.0223
14-2	12/11/1995	11:15	1.2	0.6	964.7	489.4	-1.3573
14-2	12/11/1995	11:15	1.2	0.6	1125.0	568.5	-1.3651
14-2	12/11/1995	11:15	1.2	0.6	1232.0	648.7	-1.2828
14-3	12/11/1995	10:55	1.0	0.5	1134.0	589.0	-1.3102
14-3	12/11/1995	10:55	1.0	0.5	1065.0	546.6	-1.3340
14-3	12/11/1995	10:55	1.0	0.5	1008.0	530.2	-1.2849
14-4	12/11/1995	10:40	1.3	0.6	942.7	543.0	-1.1033
14-4	12/11/1995	10:40	1.3	0.6	934.7	548.7	-1.0653
14-4	12/11/1995	10:40	1.3	0.6	920.2	542.0	-1.0587
14-5	12/11/1995	10:05	1.3	0.6	596.5	360.9	-1.0050
14-5	12/11/1995	10:05	1.3	0.6	586.3	354.3	-1.0074
14-5	12/11/1995	10:05	1.3	0.6	600.2	363.4	-1.0035
14-5 Rep	12/11/1995	10:20	1.3	0.6	690.3	375.0	-1.2204
14-5 Rep	12/11/1995	10:20	1.3	0.6	620.2	341.8	-1.1916
14-5 Rep	12/11/1995	10:20	1.3	0.6	692.0	369.7	-1.2538
16-1	12/12/1995	13:25	1.3	0.6	867.6	427.7	-1.4146
16-1	12/12/1995	13:25	1.3	0.6	869.7	422.7	-1.4430
16-1	12/12/1995	13:25	1.3	0.6	842.5	419.9	-1.3927
16-2	12/12/1995	13:10	3.6	1.0	950.1	508.4	-1.2506
16-2	12/12/1995	13:10	3.6	1.0	955.5	517.0	-1.2284
16-2	12/12/1995	13:10	3.6	1.0	904.1	512.4	-1.1357
16-3	12/12/1995	12:55	1.6	0.8	936.1	605.5	-0.8713
16-3	12/12/1995	12:55	1.6	0.8	984.6	608.6	-0.9621
16-3	12/12/1995	12:55	1.6	0.8	960.4	613.8	-0.8954
16-4	12/12/1995	12:40	2.6	1.0	1103.0	586.3	-1.2639
16-4	12/12/1995	12:40	2.6	1.0	1098.0	560.5	-1.3448
16-4	12/12/1995	12:40	2.6	1.0	1012.1	556.9	-1.1948

Light

Table 3. Light Readings and Light Extinction Coefficients.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
16-5	12/12/1995	12:20	3.4	1.0	1025.0	620.2	-1.0048
16-5	12/12/1995	12:20	3.4	1.0	1197.0	689.5	-1.1032
16-5	12/12/1995	12:20	3.4	1.0	1149.0	663.2	-1.0991
LB-1	12/12/1995	11:15	3.1	1.0	862.0	415.4	-1.4600
LB-1	12/12/1995	11:15	3.1	1.0	840.7	406.9	-1.4513
LB-1	12/12/1995	11:15	3.1	1.0	964.4	461.6	-1.4736
LB-2	12/12/1995	10:55	1.3	0.6	791.0	353.3	-1.6120
LB-2	12/12/1995	10:55	1.3	0.6	700.7	319.4	-1.5713
LB-2	12/12/1995	10:55	1.3	0.6	752.9	332.3	-1.6358
LB-3	12/12/1995	10:40	0.9	0.4	812.5	379.0	-1.5252
LB-3	12/12/1995	10:40	0.9	0.4	830.4	388.5	-1.5192
LB-3	12/12/1995	10:40	0.9	0.4	899.4	425.9	-1.4950
LB-4	12/12/1995	10:20	0.9	0.4	825.9	407.8	-1.4114
LB-4	12/12/1995	10:20	0.9	0.4	850.6	410.6	-1.4566
LB-4	12/12/1995	10:20	0.9	0.4	827.2	405.5	-1.4259
LB-5	12/12/1995	10:00	1.5	0.7	680.1	348.2	-1.3389
LB-5	12/12/1995	10:00	1.5	0.7	648.0	325.3	-1.3783
LB-5	12/12/1995	10:00	1.5	0.7	668.2	337.8	-1.3643
LB-5 Rep	12/12/1995	10:10	1.5	0.7	634.4	318.0	-1.3813
LB-5 Rep	12/12/1995	10:10	1.5	0.7	650.4	327.6	-1.3716
LB-5 Rep	12/12/1995	10:10	1.5	0.7	684.4	344.8	-1.3712
ML-1	12/13/1995	11:05	3.4	1.0	705.2	326.0	-1.5430
ML-1	12/13/1995	11:05	3.4	1.0	720.4	328.2	-1.5726
ML-1	12/13/1995	11:05	3.4	1.0	794.7	361.3	-1.5766
ML-2	12/13/1995	10:45	1.8	0.9	845.1	408.9	-1.4519
ML-2	12/13/1995	10:45	1.8	0.9	876.1	415.5	-1.4921
ML-2	12/13/1995	10:45	1.8	0.9	927.9	445.1	-1.4695
ML-3	12/13/1995	10:25	1.3	0.6	914.4	401.0	-1.6486
ML-3	12/13/1995	10:25	1.3	0.6	901.0	388.1	-1.6845
ML-3	12/13/1995	10:25	1.3	0.6	925.0	407.1	-1.6415
ML-4	12/13/1995	10:10	1.3	0.6	923.6	443.0	-1.4694
ML-4	12/13/1995	10:10	1.3	0.6	923.2	437.8	-1.4922
ML-4	12/13/1995	10:10	1.3	0.6	942.4	455.9	-1.4524
ML-5	12/13/1995	9:50	0.6	0.3	1176.8	557.0	-1.4960
ML-5	12/13/1995	9:50	0.6	0.3	1177.7	578.2	-1.4228
ML-5	12/13/1995	9:50	0.6	0.3	1203.5	584.7	-1.4438
ML-5 Rep	12/13/1995	10:00	0.6	0.3	1251.3	606.1	-1.4497
ML-5 Rep	12/13/1995	10:00	0.6	0.3	1290.2	626.5	-1.4448
ML-5 Rep	12/13/1995	10:00	0.6	0.3	1249.4	602.9	-1.4573
MU-1	12/13/1995	13:00	1.0	0.5	928.7	483.3	-1.3063
MU-1	12/13/1995	13:00	1.0	0.5	982.1	511.3	-1.3054
MU-1	12/13/1995	13:00	1.0	0.5	1016.0	524.1	-1.3239
MU-2	12/13/1995	12:40	2.0	1.0	1014.0	527.4	-1.3074
MU-2	12/13/1995	12:40	2.0	1.0	1063.6	546.2	-1.3329
MU-2	12/13/1995	12:40	2.0	1.0	1121.4	584.5	-1.3032
MU-3	12/13/1995	12:15	2.7	1.0	1009.6	513.0	-1.3541
MU-3	12/13/1995	12:15	2.7	1.0	1085.2	538.9	-1.4000
MU-3	12/13/1995	12:15	2.7	1.0	1138.8	568.2	-1.3905
MU-4	12/13/1995	11:50	0.7	0.3	891.5	465.3	-1.3004
MU-4	12/13/1995	11:50	0.7	0.3	894.4	468.7	-1.2924
MU-4	12/13/1995	11:50	0.7	0.3	833.5	433.7	-1.3066
MU-5	12/13/1995	11:20	2.1	1.0	1047.1	517.6	-1.4091
MU-5	12/13/1995	11:20	2.1	1.0	1096.3	533.4	-1.4409
MU-5	12/13/1995	11:20	2.1	1.0	1076.0	520.9	-1.4509

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
16-5	01/25/95	0915	13.68	7.96	41.1	26.4	83.7	7.36	14.3
16-5	01/25/95	0930	13.75	8.00	41.1	26.4	83.3	7.31	14.3
16-5	01/25/95	0945	13.72	8.03	41.2	26.4	85.6	7.52	14.3
16-5	01/25/95	1000	13.75	8.03	41.2	26.4	84.1	7.38	14.3
16-5	01/25/95	1015	13.74	8.03	41.2	26.4	84.5	7.42	14.3
16-5	01/25/95	1030	13.72	8.05	41.3	26.5	87.3	7.66	14.3
16-5	01/25/95	1045	13.75	8.05	41.3	26.5	87.4	7.66	14.3
16-5	01/25/95	1100	13.79	8.06	41.4	26.6	90.5	7.92	14.1
16-5	01/25/95	1115	13.83	8.07	41.4	26.6	91.5	8.01	14.3
16-5	01/25/95	1130	13.83	8.07	41.5	26.6	92.5	8.10	14.2
16-5	01/25/95	1145	13.97	8.11	41.6	26.7	98.7	8.61	14.2
16-5	01/25/95	1200	13.69	8.08	41.5	26.7	97.6	8.56	14.2
16-5	01/25/95	1215	13.67	8.08	41.5	26.6	95.1	8.35	14.3
16-5	01/25/95	1230	13.75	8.10	41.5	26.7	97.3	8.53	14.3
16-5	01/25/95	1245	13.88	8.10	41.5	26.7	97.8	8.54	14.2
16-5	01/25/95	1300	13.94	8.11	41.5	26.7	99.2	8.66	14.2
16-5	01/25/95	1315	14.17	8.12	41.5	26.6	99.8	8.67	14.1
16-5	01/25/95	1330	14.02	8.12	41.5	26.6	99.4	8.66	14.2
16-5	01/25/95	1345	14.12	8.12	41.5	26.6	99.6	8.66	14.2
16-5	01/25/95	1400	14.24	8.13	41.5	26.6	101.5	8.81	14.1
16-5	01/25/95	1415	14.14	8.12	41.5	26.6	98.9	8.60	14.1
16-5	01/25/95	1430	14.33	8.12	41.5	26.6	100.8	8.73	14.1
16-5	01/25/95	1445	14.27	8.11	41.4	26.6	98.6	8.55	14.1
16-5	01/25/95	1500	14.28	8.10	41.3	26.5	95.9	8.31	14.0
16-5	01/25/95	1515	14.29	8.10	41.3	26.5	95.5	8.28	14.1
16-5	01/25/95	1530	14.35	8.10	41.3	26.5	95.8	8.30	14.1
16-5	01/25/95	1545	14.45	8.10	41.3	26.5	94.9	8.20	14.1
16-5	01/25/95	1600	14.52	8.10	41.4	26.6	96.0	8.28	14.2
16-5	01/25/95	1615	14.48	8.10	41.4	26.6	95.3	8.22	14.1
16-5	01/25/95	1630	14.51	8.10	41.5	26.7	95.2	8.21	14.1
16-5	01/25/95	1645	14.65	8.10	41.8	26.9	97.1	8.34	14.0
16-5	01/25/95	1700	14.74	8.11	42.0	27.0	98.8	8.46	14.0
16-5	01/25/95	1715	14.80	8.11	42.2	27.2	100.0	8.54	14.0
16-5	01/25/95	1730	14.85	8.11	42.5	27.3	100.1	8.54	14.0
16-5	01/25/95	1745	14.90	8.12	42.8	27.6	100.6	8.56	14.0
16-5	01/25/95	1800	14.87	8.12	42.8	27.6	100.9	8.58	14.0
16-5	01/25/95	1815	14.89	8.12	43.0	27.7	101.3	8.61	14.0
16-5	01/25/95	1830	14.85	8.12	43.0	27.7	101.4	8.63	13.8
16-5	01/25/95	1845	14.87	8.12	43.2	27.8	100.7	8.56	14.0
16-5	01/25/95	1900	14.82	8.11	43.2	27.8	100.1	8.51	14.0
16-5	01/25/95	1915	14.89	8.10	43.5	28.1	98.7	8.37	14.0
16-5	01/25/95	1930	14.85	8.10	43.5	28.1	98.5	8.36	14.0
16-5	01/25/95	1945	14.90	8.10	43.7	28.2	98.0	8.30	14.0
16-5	01/25/95	2000	14.87	8.10	43.5	28.1	97.2	8.24	13.9
16-5	01/25/95	2015	14.90	8.09	43.8	28.3	96.2	8.15	13.9
16-5	01/25/95	2030	14.93	8.10	43.7	28.2	95.4	8.08	13.9
16-5	01/25/95	2045	14.92	8.09	43.7	28.2	93.2	7.90	13.9
16-5	01/25/95	2100	14.95	8.09	43.8	28.3	92.5	7.82	13.9
16-5	01/25/95	2115	14.77	8.09	43.4	28.0	94.8	8.06	13.9
16-5	01/25/95	2130	14.48	8.13	42.6	27.4	100.1	8.59	13.9
16-5	01/25/95	2145	14.30	8.15	42.2	27.1	100.3	8.66	13.9
16-5	01/25/95	2200	14.29	8.14	42.1	27.1	99.0	8.56	13.9
16-5	01/25/95	2215	14.24	8.14	42.0	27.0	97.9	8.47	13.9
16-5	01/25/95	2230	14.14	8.14	41.9	26.9	97.8	8.48	13.9
16-5	01/25/95	2245	14.09	8.13	41.9	26.9	96.9	8.42	13.9
16-5	01/25/95	2300	14.14	8.13	41.9	27.0	96.6	8.38	13.8

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
16-5	01/25/95	2315	14.12	8.14	41.9	26.9	96.3	8.36	13.8
16-5	01/25/95	2330	14.10	8.14	41.9	26.9	97.0	8.42	13.8
16-5	01/25/95	2345	14.05	8.15	41.8	26.9	97.4	8.47	13.8
16-5	01/26/95	0000	14.00	8.15	41.8	26.9	97.7	8.51	13.8
16-5	01/26/95	0015	13.99	8.15	41.8	26.9	98.0	8.53	13.8
16-5	01/26/95	0030	13.99	8.15	41.8	26.9	97.6	8.50	13.8
16-5	01/26/95	0045	13.94	8.14	41.8	26.9	97.2	8.47	13.8
16-5	01/26/95	0100	13.95	8.15	41.8	26.9	96.4	8.40	13.8
16-5	01/26/95	0115	13.94	8.14	41.8	26.9	96.0	8.37	13.8
16-5	01/26/95	0130	13.94	8.14	41.8	26.9	95.3	8.31	13.8
16-5	01/26/95	0145	13.90	8.14	41.8	26.8	95.6	8.34	13.8
16-5	01/26/95	0200	13.94	8.14	41.8	26.8	94.8	8.27	13.7
16-5	01/26/95	0215	13.93	8.14	41.8	26.8	94.5	8.24	13.7
16-5	01/26/95	0230	13.93	8.14	41.8	26.8	94.9	8.27	13.8
16-5	01/26/95	0245	13.94	8.14	41.8	26.8	94.8	8.27	13.8
16-5	01/26/95	0300	13.94	8.14	41.8	26.9	94.5	8.23	13.7
16-5	01/26/95	0315	13.91	8.14	41.8	26.8	94.3	8.22	13.7
16-5	01/26/95	0330	13.88	8.14	41.8	26.9	93.9	8.19	13.7
16-5	01/26/95	0345	13.86	8.14	41.8	26.9	93.4	8.16	13.7
16-5	01/26/95	0400	13.85	8.14	41.8	26.9	92.9	8.11	13.6
16-5	01/26/95	0415	13.80	8.14	41.8	26.9	92.6	8.09	13.7
16-5	01/26/95	0430	13.77	8.14	41.8	26.9	92.9	8.12	13.7
16-5	01/26/95	0445	13.73	8.14	41.9	26.9	91.7	8.03	13.7
16-5	01/26/95	0500	13.72	8.14	41.9	26.9	90.9	7.95	13.7
16-5	01/26/95	0515	13.73	8.13	41.9	26.9	88.8	7.78	13.7
16-5	01/26/95	0530	13.66	8.12	41.9	26.9	89.9	7.88	13.7
16-5	01/26/95	0545	13.64	8.12	41.9	26.9	90.1	7.90	13.7
16-5	01/26/95	0600	13.64	8.12	41.9	26.9	90.0	7.89	13.6
16-5	01/26/95	0615	13.67	8.12	41.9	26.9	89.3	7.83	13.6
16-5	01/26/95	0630	13.67	8.11	41.9	26.9	89.0	7.80	13.7
16-5	01/26/95	0645	13.54	8.11	41.9	27.0	86.4	7.59	13.7
16-5	01/26/95	0700	13.56	8.11	41.9	27.0	86.3	7.58	13.6
16-5	01/26/95	0715	13.54	8.10	41.9	27.0	85.9	7.54	13.7
16-5	01/26/95	0730	13.51	8.10	42.0	27.0	85.5	7.51	13.6
16-5	01/26/95	0745	13.53	8.10	42.0	27.0	85.4	7.51	13.6
16-5	01/26/95	0800	13.56	8.10	41.8	26.8	85.0	7.47	13.6
16-5	01/26/95	0815	13.53	8.09	41.8	26.8	84.9	7.47	13.6
16-5	01/26/95	0830	13.51	8.08	41.7	26.8	84.3	7.42	13.6
16-5	01/26/95	0845	13.50	8.08	41.7	26.8	83.7	7.36	13.6
16-5	01/26/95	0900	13.51	8.08	41.7	26.8	83.1	7.31	13.6
16-5	01/26/95	0915	13.52	8.08	41.8	26.8	83.0	7.30	13.6
16-5	01/26/95	0930	13.53	8.08	41.8	26.9	83.2	7.32	13.6
16-5	01/26/95	0945	13.57	8.08	41.9	27.0	83.0	7.29	13.6
16-5	01/26/95	1000	13.59	8.07	42.0	27.0	82.8	7.27	13.6
16-5	01/26/95	1015	13.71	8.07	41.9	26.9	80.7	7.07	13.6
16-5	01/26/95	1030	13.85	8.08	41.5	26.6	78.4	6.86	13.6
16-5	01/26/95	1045	14.04	8.07	41.7	26.8	79.4	6.91	13.6
16-5	01/26/95	1100	14.20	8.07	41.7	26.8	79.9	6.93	13.6
16-5	01/26/95	1115	14.30	8.07	41.7	26.8	79.9	6.91	13.6
16-5	01/26/95	1130	14.34	8.06	41.7	26.8	81.8	7.07	13.6
16-5	01/26/95	1145	14.35	8.07	41.8	26.8	84.5	7.31	13.6
16-5	01/26/95	1200	14.45	8.07	41.8	26.9	85.7	7.39	13.7
16-5	01/26/95	1215	14.60	8.07	41.7	26.8	86.3	7.43	13.6
16-5	01/26/95	1230	14.77	8.06	41.7	26.8	87.9	7.53	13.6
16-5	01/26/95	1245	14.87	8.06	41.8	26.8	89.8	7.68	13.6
16-5	01/26/95	1300	15.04	8.06	41.8	26.8	88.0	7.50	13.5

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
16-5	01/26/95	1315	15.04	8.06	41.9	26.9	89.0	7.57	13.6
16-5	01/26/95	1330	15.13	8.06	41.7	26.8	89.7	7.63	13.6
16-5	01/26/95	1345	15.24	8.06	41.8	26.9	91.8	7.79	13.6
16-5	01/26/95	1400	15.50	8.05	41.6	26.7	88.8	7.50	13.5
16-5	01/26/95	1415	15.60	8.06	41.6	26.7	88.5	7.46	13.6
16-5	01/26/95	1430	15.77	8.05	41.5	26.7	88.3	7.41	13.6
16-5	01/26/95	1445	15.79	8.05	41.7	26.8	91.2	7.65	13.6
16-5	01/26/95	1500	15.97	8.05	41.6	26.7	89.8	7.51	13.5
16-5	01/26/95	1515	16.11	8.05	41.6	26.7	90.4	7.54	13.6
16-5	01/26/95	1530	16.19	8.05	41.6	26.7	90.1	7.50	13.6
16-5	01/26/95	1545	16.31	8.05	41.5	26.7	91.4	7.59	13.6
16-5	01/26/95	1600	16.41	8.04	41.5	26.7	89.6	7.42	13.5
16-5	01/26/95	1615	16.31	8.05	41.7	26.8	95.9	7.96	13.5
16-5	01/26/95	1630	16.32	8.05	41.6	26.7	96.1	7.98	13.6
16-5	01/26/95	1645	16.37	8.05	41.7	26.8	97.0	8.04	13.5
16-5	01/26/95	1700	16.43	8.04	41.6	26.7	93.2	7.72	13.5
16-5	01/26/95	1715	16.39	8.04	41.0	26.3	92.8	7.71	13.6
16-5	01/26/95	1730	16.71	8.04	38.2	24.3	93.0	7.77	13.6
11-1	02/13/95	900	15.85	7.97	49.6	32.6	91.9	7.43	11.8
11-1	02/13/95	915	15.89	8.01	49.5	32.5	93.4	7.55	11.8
11-1	02/13/95	930	15.91	8.02	49.5	32.5	93.0	7.52	11.7
11-1	02/13/95	945	15.87	8.02	49.6	32.6	92.9	7.51	11.7
11-1	02/13/95	1000	15.90	8.01	49.7	32.6	91.4	7.39	11.7
11-1	02/13/95	1015	15.92	8.00	49.7	32.6	90.7	7.33	11.6
11-1	02/13/95	1030	15.96	8.01	49.7	32.6	91.4	7.38	11.6
11-1	02/13/95	1045	15.97	8.01	49.8	32.6	91.5	7.38	11.5
11-1	02/13/95	1100	16.00	8.02	49.7	32.6	91.5	7.38	11.3
11-1	02/13/95	1115	16.02	8.01	49.8	32.6	91.3	7.36	11.2
11-1	02/13/95	1130	16.06	8.01	49.8	32.6	91.1	7.33	11.2
11-1	02/13/95	1145	16.07	8.01	49.8	32.6	91.0	7.32	11.2
11-1	02/13/95	1200	16.16	7.99	49.7	32.6	89.5	7.19	11.1
11-1	02/13/95	1215	16.12	8.00	49.8	32.6	90.7	7.29	11.1
11-1	02/13/95	1230	16.17	8.00	49.7	32.6	90.8	7.29	11.0
11-1	02/13/95	1245	16.19	8.01	49.7	32.6	91.1	7.31	11.0
11-1	02/13/95	1300	16.24	8.01	49.7	32.6	91.5	7.34	11.1
11-1	02/13/95	1315	16.21	8.02	49.8	32.7	92.3	7.40	11.0
11-1	02/13/95	1330	16.26	8.03	49.7	32.6	92.9	7.45	10.9
11-1	02/13/95	1345	16.29	8.04	49.7	32.6	93.0	7.46	10.9
11-1	02/13/95	1400	16.22	8.04	49.7	32.6	93.1	7.47	10.9
11-1	02/13/95	1415	16.21	8.05	49.7	32.6	93.6	7.52	10.9
11-1	02/13/95	1430	16.26	8.05	49.7	32.6	93.9	7.53	10.8
11-1	02/13/95	1445	16.31	8.04	49.7	32.6	93.9	7.53	10.8
11-1	02/13/95	1500	16.41	8.06	49.7	32.6	95.1	7.60	10.8
11-1	02/13/95	1515	16.41	8.07	49.6	32.5	95.6	7.64	10.8
11-1	02/13/95	1530	16.17	8.09	49.6	32.5	96.4	7.75	10.7
11-1	02/13/95	1545	16.06	8.09	49.6	32.6	96.2	7.75	10.7
11-1	02/13/95	1600	16.32	8.09	49.6	32.5	96.3	7.72	10.7
11-1	02/13/95	1615	16.38	8.08	49.6	32.5	96.1	7.70	10.7
11-1	02/13/95	1630	16.38	8.08	49.6	32.5	96.4	7.72	10.6
11-1	02/13/95	1645	16.39	8.08	49.6	32.5	96.4	7.71	10.6
11-1	02/13/95	1700	16.41	8.08	49.6	32.5	96.3	7.71	10.6
11-1	02/13/95	1715	16.41	8.09	49.6	32.5	96.6	7.73	10.6
11-1	02/13/95	1730	16.48	8.09	49.6	32.5	97.0	7.75	10.6
11-1	02/13/95	1745	16.48	8.09	49.6	32.5	97.2	7.76	10.5
11-1	02/13/95	1800	16.43	8.09	49.6	32.5	96.9	7.75	10.5
11-1	02/13/95	1815	16.30	8.09	49.7	32.6	96.5	7.74	10.5

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
11-1	02\13\95	1830	16.27	8.09	49.7	32.6	96.5	7.74	10.5
11-1	02\13\95	1845	16.31	8.08	49.7	32.6	96.2	7.71	10.3
11-1	02\13\95	1900	16.51	8.08	49.5	32.5	96.4	7.70	10.5
11-1	02\13\95	1915	16.52	8.08	49.5	32.5	96.1	7.67	10.4
11-1	02\13\95	1930	16.53	8.08	49.5	32.4	95.9	7.66	10.4
11-1	02\13\95	1945	16.56	8.07	49.4	32.4	95.8	7.65	10.4
11-1	02\13\95	2000	16.56	8.07	49.4	32.4	95.5	7.62	10.4
11-1	02\13\95	2015	16.56	8.07	49.5	32.4	95.2	7.59	10.4
11-1	02\13\95	2030	16.56	8.07	49.4	32.4	95.2	7.60	10.4
11-1	02\13\95	2045	16.58	8.07	49.3	32.3	94.8	7.57	10.8
11-1	02\13\95	2100	16.58	8.07	49.3	32.3	94.2	7.52	10.9
11-1	02\13\95	2115	16.58	8.07	49.3	32.3	94.5	7.54	10.8
11-1	02\13\95	2130	16.54	8.07	49.5	32.4	94.5	7.54	10.7
11-1	02\13\95	2145	16.51	8.07	49.3	32.3	94.7	7.57	10.7
11-1	02\13\95	2200	16.49	8.07	49.3	32.3	94.2	7.53	10.6
11-1	02\13\95	2215	16.46	8.07	49.4	32.4	93.8	7.51	10.4
11-1	02\13\95	2230	16.49	8.07	49.3	32.3	93.7	7.49	10.2
11-1	02\13\95	2245	16.46	8.07	49.4	32.4	93.2	7.46	10.2
11-1	02\13\95	2300	16.44	8.07	49.4	32.4	93.0	7.44	10.6
11-1	02\13\95	2315	16.44	8.07	49.4	32.4	93.1	7.45	10.7
11-1	02\13\95	2330	16.43	8.07	49.4	32.4	93.0	7.45	10.7
11-1	02\13\95	2345	16.41	8.07	49.4	32.4	93.3	7.47	10.6
11-1	02\14\95	0	16.41	8.07	49.4	32.4	92.9	7.44	10.6
11-1	02\14\95	015	16.41	8.07	49.4	32.4	93.1	7.45	10.5
11-1	02\14\95	030	16.39	8.07	49.4	32.4	93.0	7.45	10.6
11-1	02\14\95	045	16.40	8.07	49.4	32.4	93.1	7.45	10.5
11-1	02\14\95	100	16.38	8.07	49.4	32.3	93.1	7.46	10.6
11-1	02\14\95	115	16.36	8.07	49.4	32.3	93.0	7.45	10.4
11-1	02\14\95	130	16.36	8.07	49.4	32.4	93.1	7.46	10.4
11-1	02\14\95	145	16.36	8.07	49.4	32.3	93.0	7.45	10.5
11-1	02\14\95	200	16.34	8.07	49.4	32.3	92.9	7.45	10.4
11-1	02\14\95	215	16.34	8.07	49.4	32.3	92.9	7.45	10.3
11-1	02\14\95	230	16.36	8.07	49.4	32.3	93.0	7.45	10.1
11-1	02\14\95	245	16.39	8.07	49.3	32.3	93.0	7.45	10.1
11-1	02\14\95	300	16.38	8.07	49.3	32.3	92.9	7.45	10.3
11-1	02\14\95	315	16.38	8.07	49.3	32.3	92.9	7.45	10.4
11-1	02\14\95	330	16.38	8.07	49.3	32.3	92.8	7.44	10.5
11-1	02\14\95	345	16.36	8.07	49.3	32.3	92.4	7.41	10.5
11-1	02\14\95	400	16.32	8.07	49.4	32.3	91.7	7.36	10.5
11-1	02\14\95	415	16.32	8.07	49.4	32.3	91.7	7.36	10.4
11-1	02\14\95	430	16.31	8.07	49.4	32.3	92.4	7.41	10.4
11-1	02\14\95	445	16.31	8.08	49.4	32.3	92.8	7.45	10.4
11-1	02\14\95	500	16.29	8.08	49.4	32.4	92.7	7.44	10.4
11-1	02\14\95	515	16.27	8.08	49.4	32.4	92.8	7.45	10.4
11-1	02\14\95	530	16.27	8.09	49.4	32.4	92.8	7.45	10.4
11-1	02\14\95	545	16.26	8.09	49.3	32.3	92.4	7.42	10.4
11-1	02\14\95	600	16.24	8.09	49.3	32.3	92.3	7.42	10.4
11-1	02\14\95	615	16.22	8.09	49.3	32.3	92.0	7.40	10.4
11-1	02\14\95	630	16.22	8.09	49.3	32.3	92.0	7.40	10.4
11-1	02\14\95	645	16.22	8.09	49.3	32.3	91.9	7.39	10.4
11-1	02\14\95	700	16.22	8.09	49.3	32.3	91.3	7.34	10.4
11-1	02\14\95	715	16.22	8.09	49.3	32.3	90.6	7.29	10.4
11-1	02\14\95	730	16.22	8.09	49.3	32.3	90.3	7.26	10.4
11-1	02\14\95	745	16.22	8.08	49.3	32.3	90.3	7.26	10.3
11-1	02\14\95	800	16.22	8.08	49.3	32.3	90.8	7.30	10.4
11-1	02\14\95	815	16.22	8.08	49.3	32.3	90.6	7.29	10.3

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
11-1	02\14\95	830	16.24	8.08	49.3	32.3	90.3	7.26	10.2
11-1	02\14\95	845	16.26	8.07	49.3	32.3	89.9	7.22	10.3
11-1	02\14\95	900	16.27	8.07	49.3	32.3	90.0	7.23	10.3
11-1	02\14\95	915	16.29	8.07	49.3	32.3	90.3	7.25	10.3
11-1	02\14\95	930	16.34	8.06	49.3	32.3	89.8	7.20	10.3
11-1	02\14\95	945	16.36	8.06	49.2	32.2	90.4	7.25	10.3
11-1	02\14\95	1000	16.36	8.05	49.2	32.3	90.0	7.22	10.3
11-1	02\14\95	1015	16.39	8.05	49.2	32.2	89.8	7.20	10.3
11-1	02\14\95	1030	16.41	8.05	49.2	32.3	89.9	7.20	10.3
11-1	02\14\95	1045	16.44	8.05	49.3	32.3	90.2	7.22	10.4
11-1	02\14\95	1100	16.48	8.05	49.3	32.3	90.9	7.27	10.3
11-1	02\14\95	1115	16.49	8.05	49.3	32.3	91.0	7.28	10.3
11-1	02\14\95	1130	16.53	8.05	49.3	32.3	90.9	7.26	10.3
11-1	02\14\95	1145	16.51	8.06	49.3	32.3	91.1	7.28	10.3
11-1	02\14\95	1200	16.58	8.05	49.3	32.3	91.0	7.26	10.3
11-1	02\14\95	1215	16.53	8.06	49.3	32.3	91.0	7.27	10.3
11-1	02\14\95	1230	16.49	8.05	49.3	32.3	90.7	7.25	10.3
11-1	02\14\95	1245	16.54	8.05	49.3	32.3	90.5	7.23	10.3
11-1	02\14\95	1300	16.63	8.05	49.3	32.3	91.7	7.32	10.3
11-1	02\14\95	1315	16.59	8.06	49.3	32.3	92.3	7.37	10.3
11-1	02\14\95	1330	16.58	8.06	49.3	32.3	92.5	7.38	10.3
11-1	02\14\95	1345	16.58	8.07	49.3	32.3	93.1	7.44	10.3
11-1	02\14\95	1400	16.56	8.07	49.3	32.3	92.9	7.42	10.3
11-1	02\14\95	1415	16.55	8.07	49.3	32.3	91.4	7.30	10.3
11-1	02\14\95	1430	16.53	8.07	49.4	32.4	92.4	7.38	10.3
11-1	02\14\95	1445	16.59	8.07	49.4	32.4	93.4	7.45	10.3
11-1	02\14\95	1500	16.58	8.07	49.3	32.3	92.5	7.38	10.2
11-1	02\14\95	1515	16.59	8.06	49.2	32.2	93.8	7.49	10.3
11-1	02\14\95	1530	16.58	8.06	49.2	32.2	94.2	7.52	10.3
11-1	02\14\95	1545	16.63	8.06	49.2	32.2	95.4	7.61	10.2
11-1	02\14\95	1600	16.59	8.08	49.1	32.2	95.7	7.64	10.2
13-5	03\14\95	7:45	19.44	7.75	43.00	27.70	94.90	7.35	14.6
13-5	03\14\95	8:00	19.30	7.73	43.10	27.80	85.30	6.63	14.6
13-5	03\14\95	8:15	19.44	7.80	43.00	27.70	94.30	7.31	14.6
13-5	03\14\95	8:30	19.47	7.82	43.00	27.70	95.30	7.38	14.6
13-5	03\14\95	8:45	19.47	7.82	43.10	27.80	93.80	7.27	14.5
13-5	03\14\95	9:00	19.46	7.80	43.30	28.00	90.50	7.00	14.5
13-5	03\14\95	9:15	19.58	7.81	43.30	27.90	91.70	7.08	14.5
13-5	03\14\95	9:30	19.61	7.83	43.00	27.70	94.70	7.32	14.5
13-5	03\14\95	9:45	19.65	7.83	42.70	27.50	95.60	7.39	14.5
13-5	03\14\95	10:00	19.70	7.83	42.60	27.40	95.70	7.40	14.5
13-5	03\14\95	10:15	19.77	7.83	42.60	27.40	95.20	7.35	14.5
13-5	03\14\95	10:30	19.73	7.83	43.00	27.80	96.10	7.41	14.5
13-5	03\14\95	10:45	19.77	7.83	43.50	28.10	96.50	7.42	14.4
13-5	03\14\95	11:00	19.82	7.84	43.80	28.30	97.40	7.47	14.4
13-5	03\14\95	11:15	19.91	7.84	43.90	28.40	97.90	7.49	14.4
13-5	03\14\95	11:30	20.01	7.85	43.90	28.40	99.90	7.63	14.6
13-5	03\14\95	11:45	20.10	7.85	44.10	28.50	101.60	7.74	14.4
13-5	03\14\95	12:00	20.22	7.86	44.20	28.60	102.50	7.79	14.4
13-5	03\14\95	12:15	20.29	7.86	44.30	28.60	103.00	7.81	14.3
13-5	03\14\95	12:30	20.37	7.86	44.30	28.60	104.10	7.88	14.4
13-5	03\14\95	12:45	20.44	7.86	44.30	28.70	104.90	7.93	14.3
13-5	03\14\95	13:00	20.53	7.87	44.30	28.70	105.70	7.98	14.3
13-5	03\14\95	13:15	20.67	7.88	44.30	28.70	108.10	8.14	14.3
13-5	03\14\95	13:30	20.58	7.88	44.30	28.70	107.60	8.11	14.3
13-5	03\14\95	13:45	20.55	7.87	44.30	28.60	105.90	7.99	14.3

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
13-5	03\14\95	14:00	20.99	7.90	43.90	28.40	113.90	8.53	14.3
13-5	03\14\95	14:15	20.85	7.89	43.60	28.20	111.40	8.38	14.3
13-5	03\14\95	14:30	20.90	7.89	43.70	28.20	113.80	8.56	14.3
13-5	03\14\95	14:45	21.02	7.90	43.60	28.10	112.90	8.47	14.3
13-5	03\14\95	15:00	21.06	7.91	43.40	28.00	118.10	8.86	14.3
13-5	03\14\95	15:15	21.02	7.91	43.30	27.90	117.10	8.80	14.3
13-5	03\14\95	15:30	21.02	7.92	43.20	27.90	118.40	8.89	14.2
13-5	03\14\95	15:45	21.14	7.93	43.10	27.80	119.10	8.93	14.2
13-5	03\14\95	16:00	21.14	7.93	43.10	27.80	119.10	8.93	14.2
13-5	03\14\95	16:15	21.30	7.93	43.10	27.80	120.20	8.99	14.2
13-5	03\14\95	16:30	21.27	7.92	43.10	27.80	120.50	9.01	14.2
13-5	03\14\95	16:45	21.55	7.94	43.00	27.70	121.60	9.05	14.2
13-5	03\14\95	17:00	21.43	7.93	43.00	27.70	122.70	9.16	14.2
13-5	03\14\95	17:15	21.34	7.93	43.10	27.80	119.50	8.93	14.2
13-5	03\14\95	17:30	21.29	7.93	43.10	27.80	119.80	8.96	14.2
13-5	03\14\95	17:45	21.53	7.95	43.00	27.70	120.10	8.94	14.1
13-5	03\14\95	18:00	21.48	7.95	43.00	27.70	119.80	8.93	14.1
13-5	03\14\95	18:15	21.55	7.94	43.10	27.80	120.50	8.97	14.1
13-5	03\14\95	18:30	21.58	7.95	43.10	27.80	121.80	9.06	14.1
13-5	03\14\95	18:45	21.43	7.95	42.90	27.70	122.20	9.12	14.1
13-5	03\14\95	19:00	21.43	7.94	43.00	27.70	119.00	8.88	14.1
13-5	03\14\95	19:15	21.71	7.93	43.30	27.90	117.20	8.69	14.2
13-5	03\14\95	19:30	21.57	7.93	43.30	27.90	117.80	8.75	14.1
13-5	03\14\95	19:45	21.48	7.93	43.10	27.80	117.00	8.71	14.1
13-5	03\14\95	20:00	21.48	7.93	43.10	27.80	117.10	8.72	14.1
13-5	03\14\95	20:15	21.51	7.92	43.20	27.90	115.60	8.61	14.2
13-5	03\14\95	20:30	21.51	7.92	43.50	28.10	114.60	8.52	14.1
13-5	03\14\95	20:45	21.43	7.92	44.70	28.90	114.20	8.46	14.1
13-5	03\14\95	21:00	21.36	7.93	45.30	29.40	114.90	8.50	14.1
13-5	03\14\95	21:15	21.32	7.93	45.50	29.60	114.60	8.48	14.0
13-5	03\14\95	21:30	21.25	7.93	45.60	29.60	113.80	8.42	14.0
13-5	03\14\95	21:45	21.20	7.93	45.60	29.60	112.70	8.35	14.0
13-5	03\14\95	22:00	21.14	7.92	45.60	29.60	112.10	8.31	14.0
13-5	03\14\95	22:15	21.11	7.92	45.50	29.60	111.30	8.27	14.0
13-5	03\14\95	22:30	21.06	7.92	45.50	29.50	110.80	8.23	14.0
13-5	03\14\95	22:45	20.99	7.92	45.50	29.50	110.30	8.21	14.0
13-5	03\14\95	23:00	20.93	7.92	45.60	29.60	110.00	8.19	14.0
13-5	03\14\95	23:15	20.88	7.92	45.70	29.70	109.60	8.17	14.0
13-5	03\14\95	23:30	20.85	7.92	45.80	29.80	108.80	8.11	14.0
13-5	03\14\95	23:45	20.83	7.92	46.00	29.90	108.00	8.04	14.0
13-5	03\15\95	0:00	20.78	7.92	46.00	29.90	107.40	8.01	13.9
13-5	03\15\95	0:15	20.78	7.92	45.90	29.80	107.40	8.01	13.9
13-5	03\15\95	0:30	20.79	7.91	45.60	29.60	105.20	7.85	13.9
13-5	03\15\95	0:45	20.81	7.91	46.00	29.90	104.90	7.82	13.9
13-5	03\15\95	1:00	20.83	7.91	45.60	29.60	105.90	7.91	13.9
13-5	03\15\95	1:15	20.85	7.90	45.20	29.30	105.10	7.86	13.9
13-5	03\15\95	1:30	20.83	7.90	44.80	29.00	105.30	7.89	13.9
13-5	03\15\95	1:45	20.81	7.91	44.70	28.90	105.50	7.91	13.9
13-5	03\15\95	2:00	20.78	7.91	44.40	28.70	106.80	8.02	13.9
13-5	03\15\95	2:15	20.74	7.91	44.20	28.60	106.80	8.03	13.9
13-5	03\15\95	2:30	20.71	7.91	44.00	28.40	106.50	8.02	13.9
13-5	03\15\95	2:45	20.69	7.91	44.00	28.40	105.90	7.98	13.8
13-5	03\15\95	3:00	20.67	7.91	44.20	28.60	105.70	7.96	13.8
13-5	03\15\95	3:15	20.67	7.91	44.30	28.70	105.60	7.95	13.8
13-5	03\15\95	3:30	20.67	7.91	44.20	28.60	105.90	7.97	13.8
13-5	03\15\95	3:45	20.65	7.91	44.20	28.60	105.30	7.93	13.8

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
13-5	03\15\95	4:00	20.62	7.91	44.10	28.50	105.30	7.94	13.8
13-5	03\15\95	4:15	20.60	7.91	44.00	28.50	104.50	7.88	13.8
13-5	03\15\95	4:30	20.58	7.91	44.00	28.50	103.50	7.82	13.8
13-5	03\15\95	4:45	20.55	7.91	43.90	28.40	103.00	7.79	13.8
13-5	03\15\95	5:00	20.51	7.90	43.80	28.30	100.70	7.62	13.8
13-5	03\15\95	5:15	20.48	7.90	43.70	28.20	100.80	7.64	13.8
13-5	03\15\95	5:30	20.48	7.91	43.60	28.20	99.60	7.54	13.8
13-5	03\15\95	5:45	20.41	7.90	43.50	28.10	98.80	7.50	13.7
13-5	03\15\95	6:00	20.37	7.89	43.40	28.00	98.50	7.49	13.7
13-5	03\15\95	6:15	20.37	7.89	43.40	28.00	97.90	7.44	13.7
13-5	03\15\95	6:30	20.36	7.89	38.40	24.40	97.30	7.56	13.7
13-5	03\15\95	6:45	20.36	7.90	38.70	24.60	98.10	7.61	13.7
13-5	03\15\95	7:00	20.34	7.89	38.80	24.70	98.00	7.60	13.7
13-5	03\15\95	7:15	20.34	7.89	39.20	25.00	95.30	7.38	13.7
13-5	03\15\95	7:30	20.30	7.89	43.40	28.00	95.00	7.23	13.7
13-5	03\15\95	7:45	20.08	7.85	43.70	28.20	90.50	6.91	13.7
13-5	03\15\95	8:00	20.30	7.89	43.60	28.10	94.80	7.21	13.7
13-5	03\15\95	8:15	20.37	7.90	43.40	28.00	97.50	7.41	13.7
13-5	03\15\95	8:30	20.39	7.89	43.60	28.10	95.80	7.27	13.7
13-5	03\15\95	8:45	20.32	7.87	44.10	28.50	92.10	6.98	13.7
13-5	03\15\95	9:00	20.37	7.88	43.90	28.40	93.80	7.11	13.6
13-5	03\15\95	9:15	20.41	7.88	43.60	28.10	95.70	7.27	13.6
13-5	03\15\95	9:30	20.43	7.87	43.50	28.10	95.00	7.21	13.6
13-5	03\15\95	9:45	20.48	7.87	43.60	28.20	95.80	7.26	13.6
13-5	03\15\95	10:00	20.37	7.87	44.30	28.70	94.40	7.15	13.6
13-5	03\15\95	10:15	20.32	7.87	45.00	29.20	95.50	7.21	13.6
13-5	03\15\95	10:30	20.32	7.87	45.20	29.30	96.60	7.30	13.6
13-5	03\15\95	10:45	20.36	7.88	45.30	29.40	97.80	7.38	13.6
13-5	03\15\95	11:00	20.43	7.88	45.40	29.50	98.20	7.39	13.5
13-5	03\15\95	11:15	20.48	7.89	45.40	29.50	99.30	7.47	13.5
13-5	03\15\95	11:30	20.60	7.89	45.50	29.50	101.60	7.62	13.6
13-5	03\15\95	11:45	20.67	7.90	45.50	29.50	103.10	7.72	13.5
13-5	03\15\95	12:00	20.72	7.90	45.50	29.50	104.10	7.78	13.5
13-5	03\15\95	12:15	20.74	7.90	45.60	29.60	104.00	7.77	13.5
13-5	03\15\95	12:30	20.79	7.91	45.60	29.60	104.90	7.84	13.4
13-5	03\15\95	12:45	20.85	7.91	45.70	29.70	105.80	7.89	13.5
13-5	03\15\95	13:00	20.86	7.91	45.70	29.70	106.00	7.90	13.4
13-5	03\15\95	13:15	20.92	7.91	45.80	29.70	106.80	7.95	13.4
13-5	03\15\95	13:30	20.97	7.92	45.70	29.70	108.80	8.10	13.4
13-5	03\15\95	13:45	20.88	7.90	45.70	29.70	105.90	7.89	13.4
MU-1	04\17\95	7:15	25.24	7.10	0.415	0.20	68.60	5.64	13.2
MU-1	04\17\95	7:30	25.28	7.11	0.415	0.20	68.90	5.66	13.2
MU-1	04\17\95	7:45	25.28	7.11	0.415	0.20	68.50	5.62	13.2
MU-1	04\17\95	8:00	25.31	7.11	0.415	0.20	68.90	5.65	13.2
MU-1	04\17\95	8:15	25.33	7.11	0.415	0.20	68.80	5.64	13.2
MU-1	04\17\95	8:30	25.37	7.11	0.415	0.20	70.70	5.80	13.2
MU-1	04\17\95	8:45	25.39	7.10	0.415	0.20	70.00	5.73	13.2
MU-1	04\17\95	9:00	25.37	7.10	0.415	0.20	69.60	5.71	13.2
MU-1	04\17\95	9:15	25.39	7.10	0.416	0.20	69.70	5.71	13.1
MU-1	04\17\95	9:30	25.44	7.08	0.416	0.20	70.50	5.77	13.2
MU-1	04\17\95	9:45	25.48	7.07	0.416	0.20	70.50	5.77	13.1
MU-1	04\17\95	10:00	25.54	7.08	0.416	0.20	71.00	5.80	12.9
MU-1	04\17\95	10:15	25.57	7.09	0.416	0.20	71.70	5.85	13.1
MU-1	04\17\95	10:30	25.67	7.09	0.415	0.20	72.30	5.89	12.9
MU-1	04\17\95	10:45	25.74	7.09	0.414	0.20	72.40	5.89	12.9
MU-1	04\17\95	11:00	25.82	7.09	0.413	0.20	73.00	5.93	12.8

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
MU-1	04/17/95	11:15	25.91	7.08	0.412	0.20	73.90	6.00	12.9
MU-1	04/17/95	11:30	26.00	7.08	0.412	0.20	74.40	6.03	12.7
MU-1	04/17/95	11:45	26.08	7.10	0.411	0.20	74.60	6.04	12.2
MU-1	04/17/95	12:00	26.14	7.09	0.411	0.20	75.50	6.10	11.1
MU-1	04/17/95	12:15	26.21	7.10	0.411	0.20	75.80	6.12	12.9
MU-1	04/17/95	12:30	26.31	7.10	0.410	0.20	76.40	6.16	12.9
MU-1	04/17/95	12:45	26.36	7.10	0.410	0.20	75.40	6.06	12.8
MU-1	04/17/95	13:00	26.53	7.16	0.411	0.20	81.20	6.51	12.9
MU-1	04/17/95	13:15	26.74	7.20	0.410	0.20	84.40	6.75	12.8
MU-1	04/17/95	13:30	26.57	7.12	0.410	0.20	78.50	6.29	12.7
MU-1	04/17/95	13:45	26.57	7.13	0.410	0.20	79.00	6.33	12.5
MU-1	04/17/95	14:00	26.63	7.14	0.410	0.20	79.60	6.37	12.7
MU-1	04/17/95	14:15	26.70	7.14	0.411	0.20	78.70	6.29	12.7
MU-1	04/17/95	14:30	26.84	7.14	0.411	0.20	79.30	6.33	12.7
MU-1	04/17/95	14:45	27.01	7.17	0.411	0.20	81.70	6.50	12.6
MU-1	04/17/95	15:00	27.16	7.20	0.412	0.20	81.80	6.49	12.3
MU-1	04/17/95	15:15	27.24	7.24	0.412	0.20	84.30	6.68	12.2
MU-1	04/17/95	15:30	27.22	7.23	0.414	0.20	82.80	6.57	12.2
MU-1	04/17/95	15:45	27.16	7.17	0.415	0.20	83.10	6.59	12.8
MU-1	04/17/95	16:00	27.22	7.18	0.415	0.20	83.20	6.59	12.8
MU-1	04/17/95	16:15	27.12	7.17	0.415	0.20	84.10	6.68	12.7
MU-1	04/17/95	16:30	27.14	7.18	0.415	0.20	83.00	6.59	12.7
MU-1	04/17/95	16:45	27.12	7.18	0.415	0.20	83.10	6.59	12.9
MU-1	04/17/95	17:00	27.10	7.18	0.415	0.20	83.10	6.60	12.9
MU-1	04/17/95	17:15	27.08	7.18	0.415	0.20	82.60	6.56	12.9
MU-1	04/17/95	17:30	27.06	7.18	0.416	0.20	82.20	6.54	13.0
MU-1	04/17/95	17:45	27.04	7.18	0.416	0.20	81.90	6.51	13.0
MU-1	04/17/95	18:00	27.04	7.19	0.416	0.20	81.70	6.49	13.0
MU-1	04/17/95	18:15	27.03	7.18	0.416	0.20	81.00	6.44	13.0
MU-1	04/17/95	18:30	27.03	7.18	0.416	0.20	80.70	6.42	13.0
MU-1	04/17/95	18:45	27.01	7.24	0.416	0.20	80.50	6.40	13.0
MU-1	04/17/95	19:00	26.95	7.23	0.417	0.20	79.30	6.32	13.0
MU-1	04/17/95	19:15	26.99	7.20	0.416	0.20	80.20	6.38	13.0
MU-1	04/17/95	19:30	26.99	7.20	0.416	0.20	79.80	6.35	13.0
MU-1	04/17/95	19:45	26.95	7.18	0.416	0.20	79.30	6.32	13.0
MU-1	04/17/95	20:00	26.89	7.17	0.417	0.20	79.40	6.33	13.0
MU-1	04/17/95	20:15	26.85	7.24	0.417	0.20	78.80	6.29	13.0
MU-1	04/17/95	20:30	26.84	7.16	0.417	0.20	78.60	6.27	13.0
MU-1	04/17/95	20:45	26.80	7.15	0.417	0.20	78.40	6.26	13.0
MU-1	04/17/95	21:00	26.80	7.15	0.417	0.20	78.10	6.24	13.0
MU-1	04/17/95	21:15	26.78	7.15	0.417	0.20	77.80	6.21	13.0
MU-1	04/17/95	21:30	26.76	7.14	0.416	0.20	77.70	6.21	13.0
MU-1	04/17/95	21:45	26.76	7.14	0.416	0.20	77.60	6.20	13.0
MU-1	04/17/95	22:00	26.72	7.14	0.415	0.20	77.30	6.18	13.0
MU-1	04/17/95	22:15	26.70	7.13	0.415	0.20	76.70	6.13	13.0
MU-1	04/17/95	22:30	26.72	7.13	0.416	0.20	76.30	6.10	13.0
MU-1	04/17/95	22:45	26.66	7.14	0.413	0.20	75.70	6.06	13.0
MU-1	04/17/95	23:00	26.59	7.14	0.413	0.20	74.90	6.00	13.0
MU-1	04/17/95	23:15	26.61	7.14	0.412	0.20	74.70	5.99	13.0
MU-1	04/17/95	23:30	26.57	7.13	0.412	0.20	74.10	5.94	13.0
MU-1	04/17/95	23:45	26.55	7.13	0.411	0.20	73.70	5.91	13.0
MU-1	04/18/95	0:00	26.51	7.13	0.411	0.20	73.10	5.87	13.0
MU-1	04/18/95	0:15	26.46	7.12	0.411	0.20	73.10	5.88	13.0
MU-1	04/18/95	0:30	26.44	7.12	0.411	0.20	72.80	5.85	13.0
MU-1	04/18/95	0:45	26.42	7.26	0.411	0.20	73.00	5.87	13.0
MU-1	04/18/95	1:00	26.36	7.13	0.411	0.20	72.80	5.86	13.0

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
MU-1	04/18/95	1:15	26.32	7.12	0.412	0.20	72.80	5.86	13.0
MU-1	04/18/95	1:30	26.27	7.11	0.412	0.20	72.60	5.85	12.9
MU-1	04/18/95	1:45	26.25	7.10	0.412	0.20	72.40	5.84	13.0
MU-1	04/18/95	2:00	26.19	7.09	0.412	0.20	72.30	5.84	13.0
MU-1	04/18/95	2:15	26.17	7.09	0.414	0.20	72.00	5.82	13.0
MU-1	04/18/95	2:30	26.15	7.08	0.413	0.20	72.10	5.82	13.0
MU-1	04/18/95	2:45	26.14	7.08	0.412	0.20	71.90	5.81	13.0
MU-1	04/18/95	3:00	26.10	7.08	0.413	0.20	71.70	5.80	13.0
MU-1	04/18/95	3:15	26.08	7.07	0.413	0.20	71.70	5.80	13.0
MU-1	04/18/95	3:30	26.08	7.08	0.413	0.20	71.50	5.78	13.0
MU-1	04/18/95	3:45	26.04	7.09	0.413	0.20	71.20	5.76	13.0
MU-1	04/18/95	4:00	26.02	7.08	0.412	0.20	70.80	5.73	13.0
MU-1	04/18/95	4:15	26.00	7.09	0.412	0.20	69.60	5.64	13.0
MU-1	04/18/95	4:30	25.95	7.10	0.413	0.20	67.90	5.50	13.0
MU-1	04/18/95	4:45	25.97	7.10	0.412	0.20	69.40	5.63	13.0
MU-1	04/18/95	5:00	25.84	7.09	0.413	0.20	68.90	5.60	13.0
MU-1	04/18/95	5:15	25.85	7.11	0.412	0.20	69.40	5.64	12.9
MU-1	04/18/95	5:30	25.84	7.09	0.413	0.20	69.70	5.66	12.9
MU-1	04/18/95	5:45	25.80	7.08	0.413	0.20	68.90	5.60	12.9
MU-1	04/18/95	6:00	25.78	7.07	0.413	0.20	68.50	5.57	12.9
MU-1	04/18/95	6:15	25.70	7.07	0.413	0.20	66.80	5.44	12.9
MU-1	04/18/95	6:30	25.69	7.07	0.413	0.20	66.80	5.44	12.9
MU-1	04/18/95	6:45	25.63	7.07	0.413	0.20	66.40	5.42	12.9
MU-1	04/18/95	7:00	25.61	7.07	0.413	0.20	66.70	5.44	12.9
MU-1	04/18/95	7:15	25.59	7.07	0.414	0.20	66.60	5.44	12.9
MU-1	04/18/95	7:30	25.61	7.08	0.416	0.20	65.70	5.36	12.9
MU-1	04/18/95	7:45	25.59	7.08	0.418	0.20	66.60	5.44	12.9
MU-1	04/18/95	8:00	25.63	7.09	0.419	0.20	66.80	5.45	12.9
MU-1	04/18/95	8:15	25.67	7.10	0.419	0.20	68.30	5.57	12.9
MU-1	04/18/95	8:30	25.70	7.11	0.418	0.20	69.00	5.62	12.7
MU-1	04/18/95	8:45	25.76	7.11	0.417	0.20	69.10	5.62	12.9
MU-1	04/18/95	9:00	25.82	7.12	0.417	0.20	69.00	5.61	12.9
MU-1	04/18/95	9:15	25.89	7.12	0.417	0.20	69.60	5.65	12.9
MU-1	04/18/95	9:30	25.91	7.15	0.417	0.20	70.30	5.70	12.9
MU-1	04/18/95	9:45	25.78	7.11	0.417	0.20	67.10	5.46	12.9
MU-1	04/18/95	10:00	25.80	7.11	0.417	0.20	68.30	5.55	12.9
MU-1	04/18/95	10:15	25.84	7.11	0.418	0.20	68.80	5.59	12.9
MU-1	04/18/95	10:30	25.84	7.11	0.418	0.20	68.70	5.58	12.9
MU-1	04/18/95	10:45	25.91	6.98	0.418	0.20	70.00	5.68	12.9
MU-1	04/18/95	11:00	26.00	7.12	0.418	0.20	70.20	5.69	12.9
MU-1	04/18/95	11:15	26.17	7.06	0.418	0.20	73.00	5.89	13.0
MU-1	04/18/95	11:30	26.21	7.06	0.419	0.20	71.60	5.78	12.9
MU-1	04/18/95	11:45	26.25	7.07	0.419	0.20	71.30	5.75	12.9
MU-1	04/18/95	12:00	26.40	7.10	0.419	0.20	73.40	5.90	12.9
MU-1	04/18/95	12:15	26.48	7.06	0.417	0.20	73.20	5.88	12.9
MU-1	04/18/95	12:30	26.55	7.07	0.416	0.20	73.70	5.91	12.9
MU-1	04/18/95	12:45	26.66	7.07	0.414	0.20	74.40	5.95	12.9
MU-1	04/18/95	13:00	26.78	7.09	0.414	0.20	72.60	5.80	12.8
MU-1	04/18/95	13:15	26.85	7.13	0.415	0.20	76.70	6.12	12.8
MU-1	04/18/95	13:30	26.82	7.16	0.415	0.20	80.60	6.43	12.9
MU-1	04/18/95	13:45	27.14	7.13	0.413	0.20	79.50	6.31	12.9
MU-1	04/18/95	14:00	26.85	7.10	0.414	0.20	76.60	6.11	12.9
MU-1	04/18/95	14:15	27.27	7.12	0.413	0.20	78.00	6.18	12.9
MU-1	04/18/95	14:30	27.03	7.08	0.415	0.20	75.90	6.03	12.9
MU-1	04/18/95	14:45	27.06	7.10	0.416	0.20	76.40	6.07	12.9
MU-1	04/18/95	15:00	27.33	7.14	0.417	0.20	79.60	6.29	12.9

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
MU-1	04/18/95	15:15	27.45	7.14	0.417	0.20	79.50	6.28	12.9
MU-1	04/18/95	15:30	27.50	7.17	0.416	0.20	81.50	6.43	12.9
MU-1	04/18/95	15:45	27.49	7.17	0.417	0.20	82.10	6.48	12.9
MU-1	04/18/95	16:00	27.50	7.17	0.416	0.20	82.30	6.49	12.9
MU-1	04/18/95	16:15	27.52	7.18	0.416	0.20	82.30	6.48	12.9
16-2	05/16/95	10:15	29.37	7.77	48.1	31.4	83.9	5.31	15.1
16-2	05/16/95	10:30	29.36	7.80	48.1	31.4	83.2	5.27	15.1
16-2	05/16/95	10:45	29.46	7.84	48.1	31.5	84.3	5.33	15.1
16-2	05/16/95	11:00	29.56	7.87	48.1	31.4	86.8	5.47	15.1
16-2	05/16/95	11:15	29.64	7.89	48.1	31.5	89.0	5.60	15.1
16-2	05/16/95	11:30	29.71	7.92	48.2	31.5	91.5	5.75	15.1
16-2	05/16/95	11:45	29.76	7.95	48.2	31.5	93.8	5.89	15.1
16-2	05/16/95	12:00	29.81	7.96	48.2	31.5	94.3	5.92	15.2
16-2	05/16/95	12:15	29.87	7.98	48.2	31.5	96.9	6.08	15.0
16-2	05/16/95	12:30	29.96	7.99	48.2	31.5	97.8	6.12	14.9
16-2	05/16/95	12:45	30.04	8.01	48.1	31.5	100.5	6.28	15.0
16-2	05/16/95	13:00	30.09	8.02	48.2	31.5	101.7	6.35	15.0
16-2	05/16/95	13:15	30.18	8.02	48.1	31.4	100.9	6.30	15.0
16-2	05/16/95	13:30	30.23	8.03	48.2	31.5	105.3	6.57	15.0
16-2	05/16/95	13:45	30.38	8.06	48.1	31.5	115.0	7.15	14.9
16-2	05/16/95	14:00	30.25	8.03	48.2	31.5	108.3	6.75	14.9
16-2	05/16/95	14:15	30.38	8.04	48.1	31.5	110.3	6.86	14.9
16-2	05/16/95	14:30	30.48	8.04	48.1	31.4	110.9	6.88	14.9
16-2	05/16/95	14:45	30.64	8.06	48.1	31.4	115.9	7.18	14.9
16-2	05/16/95	15:00	30.82	8.09	48.0	31.4	124.6	7.69	14.9
16-2	05/16/95	15:15	30.88	8.10	48.0	31.4	127.8	7.88	14.9
16-2	05/16/95	15:30	30.94	8.11	48.0	31.3	130.4	8.04	14.9
16-2	05/16/95	15:45	31.01	8.12	48.0	31.3	133.1	8.19	14.9
16-2	05/16/95	16:00	31.10	8.13	48.0	31.3	135.2	8.31	14.8
16-2	05/16/95	16:15	31.09	8.11	47.9	31.3	132.8	8.17	14.8
16-2	05/16/95	16:30	31.12	8.14	47.9	31.3	138.4	8.51	14.8
16-2	05/16/95	16:45	31.24	8.12	47.8	31.2	133.4	8.19	14.8
16-2	05/16/95	17:00	31.16	8.13	47.9	31.3	134.2	8.24	14.8
16-2	05/16/95	17:15	31.23	8.13	47.9	31.3	136.5	8.38	14.8
16-2	05/16/95	17:30	31.19	8.14	47.9	31.3	139.2	8.55	14.9
16-2	05/16/95	17:45	31.23	8.14	47.8	31.2	138.9	8.52	14.8
16-2	05/16/95	18:00	31.27	8.15	47.8	31.2	138.3	8.48	14.8
16-2	05/16/95	18:15	31.28	8.14	47.7	31.1	136.2	8.36	14.8
16-2	05/16/95	18:30	31.22	8.14	47.7	31.1	134.6	8.27	14.7
16-2	05/16/95	18:45	31.16	8.13	47.7	31.2	132.5	8.15	14.7
16-2	05/16/95	19:00	31.11	8.13	47.7	31.2	130.5	8.03	14.7
16-2	05/16/95	19:15	31.10	8.12	47.7	31.1	127.6	7.86	14.7
16-2	05/16/95	19:30	31.05	8.11	47.6	31.1	125.1	7.71	14.7
16-2	05/16/95	19:45	30.98	8.11	47.6	31.1	122.9	7.58	14.6
16-2	05/16/95	20:00	30.93	8.11	47.6	31.1	120.4	7.43	14.7
16-2	05/16/95	20:15	30.88	8.09	47.6	31.0	117.0	7.23	14.7
16-2	05/16/95	20:30	30.82	8.09	47.6	31.0	114.7	7.10	14.7
16-2	05/16/95	20:45	30.77	8.08	47.5	31.0	111.9	6.93	14.6
16-2	05/16/95	21:00	30.72	8.08	47.5	31.0	109.0	6.76	14.6
16-2	05/16/95	21:15	30.69	8.07	47.5	31.0	106.7	6.62	14.6
16-2	05/16/95	21:30	30.64	8.07	47.5	31.0	104.5	6.49	14.6
16-2	05/16/95	21:45	30.62	8.07	47.4	30.9	101.6	6.31	14.6
16-2	05/16/95	22:00	30.56	8.06	47.5	31.0	100.1	6.22	14.6
16-2	05/16/95	22:15	30.54	8.06	47.5	31.0	97.0	6.04	14.6
16-2	05/16/95	22:30	30.50	8.05	47.4	30.9	91.7	5.71	14.6
16-2	05/16/95	22:45	30.53	8.05	47.4	30.9	93.2	5.80	14.6

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
16-2	05\16\95	23:00	30.48	8.05	47.4	30.9	93.8	5.84	14.5
16-2	05\16\95	23:15	30.37	8.04	47.5	31.0	94.5	5.89	14.5
16-2	05\16\95	23:30	30.35	8.04	47.5	31.0	93.0	5.80	14.5
16-2	05\16\95	23:45	30.43	8.04	47.5	31.0	92.8	5.78	14.5
16-2	05\17\95	0:00	30.42	8.04	47.5	31.0	93.0	5.79	14.5
16-2	05\17\95	0:15	30.39	8.04	47.6	31.1	92.2	5.75	14.5
16-2	05\17\95	0:30	30.42	8.04	47.6	31.1	93.2	5.80	14.5
16-2	05\17\95	0:45	30.43	8.04	47.6	31.1	94.0	5.85	14.5
16-2	05\17\95	1:00	30.30	8.04	47.8	31.2	94.8	5.91	14.5
16-2	05\17\95	1:15	30.31	8.05	47.8	31.2	96.3	6.00	14.5
16-2	05\17\95	1:30	30.33	8.05	47.8	31.2	98.0	6.10	14.4
16-2	05\17\95	1:45	30.31	8.05	47.9	31.3	99.7	6.22	14.4
16-2	05\17\95	2:00	30.31	8.06	47.9	31.3	101.6	6.33	14.4
16-2	05\17\95	2:15	30.33	8.06	47.9	31.3	102.2	6.36	14.4
16-2	05\17\95	2:30	30.27	8.06	47.9	31.3	101.2	6.31	14.4
16-2	05\17\95	2:45	30.08	8.03	48.0	31.4	97.6	6.10	14.4
16-2	05\17\95	3:00	29.97	8.02	48.1	31.4	94.4	5.91	14.4
16-2	05\17\95	3:15	29.84	8.01	48.2	31.5	92.8	5.82	14.4
16-2	05\17\95	3:30	29.74	8.00	48.2	31.5	90.5	5.69	14.4
16-2	05\17\95	3:45	29.69	8.00	48.2	31.5	89.6	5.63	14.4
16-2	05\17\95	4:00	29.63	7.99	48.2	31.5	88.7	5.59	14.3
16-2	05\17\95	4:15	29.57	7.99	48.2	31.5	87.1	5.49	14.3
16-2	05\17\95	4:30	29.54	7.98	48.2	31.5	85.4	5.38	14.3
16-2	05\17\95	4:45	29.53	7.98	48.2	31.5	83.8	5.28	14.3
16-2	05\17\95	5:00	29.50	7.97	48.3	31.6	80.2	5.06	14.3
16-2	05\17\95	5:15	29.45	7.98	48.3	31.5	81.5	5.15	14.3
16-2	05\17\95	5:30	29.44	7.98	48.3	31.5	80.6	5.09	14.3
16-2	05\17\95	5:45	29.45	7.98	48.3	31.5	83.0	5.24	14.3
16-2	05\17\95	6:00	29.44	7.98	48.3	31.5	82.0	5.18	14.3
16-2	05\17\95	6:15	29.44	7.98	48.1	31.4	83.4	5.27	14.3
16-2	05\17\95	6:30	29.48	7.99	48.1	31.5	82.4	5.20	14.4
16-2	05\17\95	6:45	29.46	7.99	48.0	31.4	81.0	5.12	14.3
16-2	05\17\95	7:00	29.47	7.99	48.0	31.3	79.6	5.03	14.3
16-2	05\17\95	7:15	29.52	8.01	47.8	31.2	81.2	5.13	14.2
16-2	05\17\95	7:30	29.55	8.01	47.7	31.1	81.5	5.15	14.2
16-2	05\17\95	7:45	29.57	8.02	47.8	31.2	83.0	5.24	14.2
16-2	05\17\95	8:00	29.47	8.01	47.8	31.2	84.9	5.37	14.2
16-2	05\17\95	8:15	29.43	8.01	47.9	31.3	86.2	5.45	14.2
16-2	05\17\95	8:30	29.45	8.01	47.8	31.2	85.5	5.41	14.2
16-2	05\17\95	8:45	29.56	8.01	47.7	31.2	85.1	5.38	14.2
16-2	05\17\95	9:00	29.61	8.02	47.8	31.2	87.1	5.50	14.2
16-2	05\17\95	9:15	29.69	8.03	48.0	31.4	88.0	5.54	14.1
16-2	05\17\95	9:30	29.66	8.03	48.1	31.5	90.1	5.67	14.2
16-2	05\17\95	9:45	29.63	8.04	48.3	31.5	91.9	5.78	14.2
16-2	05\17\95	10:00	29.61	8.04	48.0	31.4	90.0	5.67	14.2
16-2	05\17\95	10:15	29.66	8.05	48.0	31.3	90.1	5.67	14.2
16-2	05\17\95	10:30	29.65	8.05	48.1	31.4	92.1	5.80	14.2
16-2	05\17\95	10:45	29.55	8.04	48.2	31.5	89.4	5.64	14.2
16-2	05\17\95	11:00	29.60	8.04	48.2	31.5	91.4	5.76	14.2
16-2	05\17\95	11:15	29.69	8.04	48.3	31.6	93.7	5.89	14.2
16-2	05\17\95	11:30	29.75	8.05	48.2	31.5	95.7	6.01	14.1
16-2	05\17\95	11:45	29.81	8.05	48.2	31.5	97.4	6.11	14.1
16-2	05\17\95	12:00	29.90	8.06	48.2	31.5	100.2	6.28	13.9
16-2	05\17\95	12:15	29.99	8.07	48.2	31.5	102.9	6.44	14.1
10-5	06\19\95	7:00	27.69	8.0	48.60	31.8	86.2	5.60	15.1
10-5	06\19\95	7:15	27.71	8.0	48.60	31.8	86.1	5.59	15.1

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
10-5	06\19\95	7:30	27.69	8.0	48.60	31.8	86.0	5.59	15.1
10-5	06\19\95	7:45	27.67	8.1	48.70	31.9	84.5	5.49	15.1
10-5	06\19\95	8:00	27.67	8.1	48.70	31.9	83.8	5.45	15.1
10-5	06\19\95	8:15	27.67	8.1	48.80	31.9	84.5	5.49	15.0
10-5	06\19\95	8:30	27.67	8.1	48.70	31.9	85.0	5.53	15.2
10-5	06\19\95	8:45	27.71	8.1	48.70	31.9	86.4	5.61	15.0
10-5	06\19\95	9:00	27.73	8.1	48.70	31.8	86.7	5.63	15.0
10-5	06\19\95	9:15	27.71	8.1	48.70	31.9	86.5	5.62	15.0
10-5	06\19\95	9:30	27.76	8.1	48.70	31.9	85.9	5.57	15.0
10-5	06\19\95	9:45	27.76	8.1	48.70	31.8	87.4	5.67	14.9
10-5	06\19\95	10:00	27.80	8.1	48.70	31.9	88.6	5.74	14.9
10-5	06\19\95	10:15	27.80	8.1	48.50	31.8	88.4	5.73	14.9
10-5	06\19\95	10:30	27.84	8.1	48.30	31.5	87.7	5.69	14.9
10-5	06\19\95	10:45	27.90	8.1	48.30	31.6	87.6	5.68	14.8
10-5	06\19\95	11:00	27.94	8.1	48.30	31.6	88.8	5.75	14.8
10-5	06\19\95	11:15	28.00	8.1	48.10	31.4	89.6	5.80	14.8
10-5	06\19\95	11:30	28.07	8.1	48.10	31.4	90.5	5.86	14.8
10-5	06\19\95	11:45	28.17	8.1	48.00	31.4	90.5	5.85	14.8
10-5	06\19\95	12:00	28.25	8.1	48.00	31.4	91.3	5.89	14.8
10-5	06\19\95	12:15	28.41	8.1	47.90	31.3	91.5	5.89	14.8
10-5	06\19\95	12:30	28.48	8.1	47.90	31.3	92.0	5.92	14.7
10-5	06\19\95	12:45	28.58	8.1	47.90	31.3	92.8	5.96	14.7
10-5	06\19\95	13:00	28.62	8.1	47.90	31.3	93.9	6.02	14.7
10-5	06\19\95	13:15	28.62	8.1	47.90	31.3	94.1	6.04	14.7
10-5	06\19\95	13:30	28.64	8.1	47.90	31.3	96.0	6.15	14.7
10-5	06\19\95	13:45	28.72	8.1	47.80	31.2	103.5	6.63	14.7
10-5	06\19\95	14:00	28.76	8.1	47.80	31.2	108.1	6.92	14.7
10-5	06\19\95	14:15	28.62	8.1	48.00	31.3	105.7	6.78	14.6
10-5	06\19\95	14:30	28.46	8.1	48.10	31.4	108.3	6.96	14.6
10-5	06\19\95	14:45	28.45	8.1	48.10	31.4	109.9	7.07	14.6
10-5	06\19\95	15:00	28.52	8.1	48.10	31.4	108.8	6.99	14.6
10-5	06\19\95	15:15	28.58	8.1	48.00	31.4	107.8	6.92	14.6
10-5	06\19\95	15:30	28.54	8.1	48.00	31.3	104.6	6.72	14.6
10-5	06\19\95	15:45	28.72	8.1	47.90	31.3	103.9	6.65	14.6
10-5	06\19\95	16:00	28.68	8.1	47.90	31.3	105.9	6.78	14.5
10-5	06\19\95	16:15	28.54	8.1	48.00	31.4	104.4	6.71	14.6
10-5	06\19\95	16:30	28.58	8.1	48.00	31.4	104.4	6.70	14.5
10-5	06\19\95	16:45	28.64	8.1	48.10	31.4	104.2	6.68	14.5
10-5	06\19\95	17:00	28.72	8.1	48.10	31.4	104.1	6.66	14.5
10-5	06\19\95	17:15	28.98	8.1	48.20	31.5	102.3	6.51	14.5
10-5	06\19\95	17:30	29.09	8.1	48.20	31.5	100.9	6.41	14.5
10-5	06\19\95	17:45	29.09	8.1	48.20	31.5	101.2	6.43	14.4
10-5	06\19\95	18:00	29.11	8.1	48.20	31.5	101.2	6.43	14.5
10-5	06\19\95	18:15	29.11	8.1	48.20	31.5	100.7	6.39	14.4
10-5	06\19\95	18:30	29.09	8.1	48.20	31.5	101.2	6.43	14.4
10-5	06\19\95	18:45	29.09	8.1	48.20	31.5	101.7	6.46	14.4
10-5	06\19\95	19:00	29.07	8.1	48.20	31.5	101.9	6.48	14.4
10-5	06\19\95	19:15	29.05	8.1	48.20	31.5	103.4	6.57	14.4
10-5	06\19\95	19:30	28.99	8.1	48.20	31.5	104.6	6.66	14.4
10-5	06\19\95	19:45	28.86	8.1	48.10	31.4	106.2	6.78	14.4
10-5	06\19\95	20:00	28.72	8.1	48.10	31.4	109.0	6.97	14.5
10-5	06\19\95	20:15	28.72	8.1	48.00	31.4	109.8	7.03	14.4
10-5	06\19\95	20:30	28.70	8.1	48.00	31.4	108.3	6.93	14.3
10-5	06\19\95	20:45	28.72	8.1	48.00	31.4	107.2	6.86	14.3
10-5	06\19\95	21:00	28.70	8.1	48.00	31.4	104.6	6.70	14.3
10-5	06\19\95	21:15	28.60	8.1	48.00	31.4	104.2	6.68	14.3

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
10-5	06\19\95	21:30	28.64	8.1	48.00	31.3	105.4	6.75	14.3
10-5	06\19\95	21:45	28.72	8.1	48.00	31.3	104.8	6.71	14.3
10-5	06\19\95	22:00	28.76	8.1	48.00	31.3	104.9	6.71	14.3
10-5	06\19\95	22:15	28.76	8.1	48.00	31.3	106.5	6.81	14.3
10-5	06\19\95	22:30	28.84	8.2	47.90	31.3	107.7	6.88	14.2
10-5	06\19\95	22:45	28.88	8.2	47.90	31.3	107.5	6.87	14.3
10-5	06\19\95	23:00	28.92	8.2	47.90	31.3	107.9	6.89	14.3
10-5	06\19\95	23:15	28.96	8.2	47.80	31.2	105.2	6.71	14.2
10-5	06\19\95	23:30	28.98	8.2	47.80	31.2	104.0	6.63	14.2
10-5	06\19\95	23:45	29.01	8.2	47.80	31.2	103.7	6.61	14.2
10-5	06\20\95	0:00	29.01	8.2	47.80	31.2	103.3	6.58	14.2
10-5	06\20\95	0:15	28.98	8.2	47.80	31.2	102.0	6.51	14.2
10-5	06\20\95	0:30	28.98	8.1	47.80	31.2	101.8	6.49	14.2
10-5	06\20\95	0:45	28.96	8.2	47.80	31.2	105.0	6.70	14.2
10-5	06\20\95	1:00	28.94	8.1	47.80	31.2	104.5	6.67	14.2
10-5	06\20\95	1:15	28.82	8.1	47.90	31.3	99.3	6.35	14.2
10-5	06\20\95	1:30	28.58	8.1	48.00	31.3	97.2	6.24	14.2
10-5	06\20\95	1:45	28.60	8.1	47.90	31.3	95.6	6.13	14.2
10-5	06\20\95	2:00	28.56	8.1	47.90	31.3	93.7	6.01	14.1
10-5	06\20\95	2:15	28.56	8.1	47.90	31.3	92.2	5.92	14.1
10-5	06\20\95	2:30	28.56	8.1	48.00	31.3	93.6	6.01	14.1
10-5	06\20\95	2:45	28.52	8.1	48.00	31.3	91.9	5.90	14.1
10-5	06\20\95	3:00	28.52	8.1	48.00	31.3	98.4	6.32	14.1
10-5	06\20\95	3:15	28.54	8.1	47.90	31.3	97.8	6.28	14.1
10-5	06\20\95	3:30	28.56	8.1	47.90	31.3	99.4	6.39	14.1
10-5	06\20\95	3:45	28.52	8.1	48.00	31.4	98.8	6.35	14.1
10-5	06\20\95	4:00	28.54	8.1	48.00	31.4	100.5	6.45	14.1
10-5	06\20\95	4:15	28.52	8.1	48.00	31.4	98.2	6.30	14.1
10-5	06\20\95	4:30	28.31	8.1	48.00	31.4	93.0	6.00	14.0
10-5	06\20\95	4:45	28.37	8.1	48.00	31.3	93.8	6.04	14.1
10-5	06\20\95	5:00	28.31	8.1	48.20	31.5	93.8	6.04	14.1
10-5	06\20\95	5:15	28.33	8.1	48.30	31.6	91.8	5.91	14.0
10-5	06\20\95	5:30	28.31	8.1	48.10	31.5	91.4	5.89	14.1
10-5	06\20\95	5:45	28.29	8.1	48.30	31.5	91.0	5.86	14.1
10-5	06\20\95	6:00	28.27	8.1	48.30	31.6	90.3	5.82	14.0
10-5	06\20\95	6:15	28.27	8.1	48.40	31.6	90.7	5.84	14.0
10-5	06\20\95	6:30	28.27	8.1	48.40	31.7	90.6	5.83	14.0
10-5	06\20\95	6:45	28.27	8.1	48.40	31.7	90.1	5.80	14.0
10-5	06\20\95	7:00	28.27	8.1	48.50	31.7	90.2	5.80	14.0
10-5	06\20\95	7:15	28.25	8.1	48.50	31.7	89.7	5.78	14.1
10-5	06\20\95	7:30	28.27	8.1	48.60	31.8	89.3	5.75	14.0
10-5	06\20\95	7:45	28.27	8.1	48.60	31.8	88.9	5.72	14.0
10-5	06\20\95	8:00	28.27	8.1	48.60	31.8	89.1	5.73	14.0
10-5	06\20\95	8:15	28.23	8.1	48.70	31.8	89.1	5.74	13.9
10-5	06\20\95	8:30	28.21	8.1	48.70	31.8	90.3	5.81	14.0
10-5	06\20\95	8:45	28.23	8.1	48.70	31.8	89.6	5.77	14.0
10-5	06\20\95	9:00	28.23	8.1	48.70	31.8	90.1	5.80	14.0
10-5	06\20\95	9:15	28.23	8.1	48.70	31.8	91.5	5.89	14.0
10-5	06\20\95	9:30	28.27	8.1	48.70	31.9	91.4	5.88	14.1
10-5	06\20\95	9:45	28.29	8.1	48.60	31.8	91.4	5.88	14.0
10-5	06\20\95	10:00	28.33	8.1	48.60	31.8	91.7	5.89	14.0
10-5	06\20\95	10:15	28.37	8.1	48.60	31.8	91.9	5.90	14.0
10-5	06\20\95	10:30	28.41	8.1	48.50	31.7	93.4	6.00	14.0
10-5	06\20\95	10:45	28.43	8.1	48.50	31.7	93.5	6.00	14.0
10-5	06\20\95	11:00	28.48	8.1	48.30	31.5	94.4	6.06	13.9
10-5	06\20\95	11:15	28.56	8.1	48.10	31.4	95.1	6.10	13.9

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
10-5	06\20\95	11:30	28.58	8.1	48.00	31.3	95.2	6.11	13.9
10-5	06\20\95	11:45	28.66	8.1	47.90	31.3	94.5	6.06	13.9
10-5	06\20\95	12:00	28.78	8.1	47.90	31.3	92.5	5.92	13.9
10-5	06\20\95	12:15	28.80	8.1	47.90	31.3	93.6	5.98	13.9
10-5	06\20\95	12:30	28.82	8.1	47.90	31.3	91.7	5.86	13.9
10-5	06\20\95	12:45	28.94	8.1	47.80	31.2	92.6	5.91	13.9
10-5	06\20\95	13:00	28.96	8.1	47.80	31.2	95.6	6.10	13.9
10-5	06\20\95	13:15	28.92	8.1	47.90	31.3	98.6	6.30	13.9
10-5	06\20\95	13:30	28.99	8.1	47.70	31.1	96.5	6.16	13.9
10-5	06\20\95	13:45	29.03	8.1	47.60	31.1	97.9	6.24	13.9
10-5	06\20\95	14:00	29.09	8.1	47.70	31.1	95.9	6.11	13.9
10-5	06\20\95	14:15	29.11	8.1	47.50	31.0	98.1	6.25	13.9
10-5	06\20\95	14:30	29.01	8.1	47.70	31.1	101.0	6.44	13.9
10-5	06\20\95	14:45	29.01	8.1	47.70	31.1	101.5	6.47	13.9
10-5	06\20\95	15:00	29.03	8.1	47.70	31.1	103.0	6.56	13.9
10-5	06\20\95	15:15	29.05	8.2	47.80	31.2	108.2	6.89	13.8
10-5	06\20\95	15:30	28.78	8.1	47.80	31.2	106.8	6.83	13.9
10-3	7/10/1995	6:45	30.33	8.00	47.70	31.20	92.00	5.73	14.0
10-3	7/10/1995	7:00	30.33	8.05	45.50	29.50	92.40	5.82	14.0
10-3	7/10/1995	7:15	30.35	8.07	45.50	29.50	92.70	5.83	14.0
10-3	7/10/1995	7:30	30.33	8.08	44.90	29.10	92.50	5.84	14.0
10-3	7/10/1995	7:45	30.35	8.08	44.70	29.00	92.40	5.83	13.9
10-3	7/10/1995	8:00	30.29	8.09	44.20	28.60	92.20	5.84	13.9
10-3	7/10/1995	8:15	30.25	8.10	44.10	28.50	92.10	5.84	13.9
10-3	7/10/1995	8:30	30.27	8.10	43.50	28.10	92.10	5.85	13.9
10-3	7/10/1995	8:45	30.25	8.10	43.00	27.70	92.20	5.87	13.9
10-3	7/10/1995	9:00	30.21	8.11	42.90	27.60	92.40	5.89	13.9
10-3	7/10/1995	9:15	30.23	8.11	42.90	27.60	92.80	5.91	13.9
10-3	7/10/1995	9:30	30.21	8.12	42.80	27.60	92.60	5.91	13.9
10-3	7/10/1995	9:45	30.25	8.12	42.80	27.60	92.90	5.92	13.8
10-3	7/10/1995	10:00	30.21	8.12	42.90	27.60	93.20	5.95	13.8
10-3	7/10/1995	10:15	30.27	8.12	42.80	27.60	93.10	5.93	13.8
10-3	7/10/1995	10:30	30.29	8.13	42.80	27.60	92.60	5.90	13.8
10-3	7/10/1995	10:45	30.29	8.12	42.80	27.60	93.20	5.93	13.8
10-3	7/10/1995	11:00	30.29	8.13	42.90	27.60	93.70	5.97	13.8
10-3	7/10/1995	11:15	30.33	8.12	42.80	27.60	92.70	5.90	13.8
10-3	7/10/1995	11:30	30.31	8.13	46.80	30.50	93.70	5.86	13.8
10-3	7/10/1995	11:45	30.21	8.12	46.90	30.50	88.10	5.53	13.8
10-3	7/10/1995	12:00	30.17	8.11	46.70	30.40	77.90	4.89	13.8
10-3	7/10/1995	12:15	30.29	8.11	46.60	30.40	78.00	4.89	13.8
10-3	7/10/1995	12:30	30.46	8.13	46.50	30.30	80.90	5.06	13.7
10-3	7/10/1995	12:45	30.66	8.16	46.30	30.10	88.00	5.49	13.7
10-3	7/10/1995	13:00	30.84	8.18	46.00	29.90	94.40	5.88	13.8
10-3	7/10/1995	13:15	30.96	8.20	44.40	28.80	98.90	6.19	13.7
10-3	7/10/1995	13:30	31.05	8.22	42.80	27.60	102.00	6.41	13.7
10-3	7/10/1995	13:45	31.13	8.23	41.90	26.90	106.30	6.70	13.7
10-3	7/10/1995	14:00	31.19	8.23	41.30	26.50	109.40	6.91	13.7
10-3	7/10/1995	14:15	31.27	8.24	40.90	26.20	111.10	7.02	13.7
10-3	7/10/1995	14:30	31.35	8.25	40.40	25.90	114.50	7.24	13.7
10-3	7/10/1995	14:45	31.46	8.27	39.50	25.20	117.00	7.41	13.7
10-3	7/10/1995	15:00	31.50	8.28	38.20	24.30	117.20	7.46	13.7
10-3	7/10/1995	15:15	31.54	8.28	38.90	24.80	119.80	7.60	13.7
10-3	7/10/1995	15:30	31.54	8.28	39.20	25.00	120.30	7.62	13.6
10-3	7/10/1995	15:45	31.58	8.29	39.20	25.00	121.90	7.71	13.7
10-3	7/10/1995	16:00	31.62	8.30	39.60	25.30	123.60	7.80	13.7

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
10-3	7/10/1995	16:15	31.58	8.29	40.00	25.60	123.60	7.79	13.7
10-3	7/10/1995	16:30	31.62	8.30	40.10	25.60	124.40	7.84	13.6
10-3	7/10/1995	16:45	31.58	8.30	39.80	25.40	124.50	7.86	13.5
10-3	7/10/1995	17:00	31.60	8.30	39.70	25.30	124.70	7.87	13.6
10-3	7/10/1995	17:15	31.60	8.31	39.50	25.20	126.10	7.97	13.6
10-3	7/10/1995	17:30	31.64	8.31	39.10	24.90	126.20	7.98	13.6
10-3	7/10/1995	17:45	31.62	8.32	39.00	24.90	127.60	8.07	13.6
10-3	7/10/1995	18:00	31.67	8.33	39.10	24.90	128.70	8.14	13.6
10-3	7/10/1995	18:15	31.67	8.32	38.90	24.80	127.70	8.08	13.6
10-3	7/10/1995	18:30	31.62	8.32	38.80	24.70	129.20	8.19	13.6
10-3	7/10/1995	18:45	31.62	8.32	38.80	24.70	126.80	8.03	13.6
10-3	7/10/1995	19:00	31.58	8.32	38.80	24.70	126.30	8.01	13.6
10-3	7/10/1995	19:15	31.56	8.32	38.80	24.70	124.50	7.89	13.6
10-3	7/10/1995	19:30	31.56	8.30	38.80	24.70	117.80	7.47	13.6
10-3	7/10/1995	19:45	31.52	8.31	38.80	24.70	124.40	7.89	13.6
10-3	7/10/1995	20:00	31.52	8.31	39.60	25.30	124.10	7.85	13.6
10-3	7/10/1995	20:15	31.44	8.31	45.40	29.50	125.60	7.76	13.6
10-3	7/10/1995	20:30	31.27	8.22	47.40	30.90	103.70	6.37	13.6
10-3	7/10/1995	20:45	31.05	8.18	48.00	31.40	97.30	5.99	13.5
10-3	7/10/1995	21:00	31.05	8.20	48.30	31.60	99.20	6.10	13.5
10-3	7/10/1995	21:15	30.90	8.18	48.60	31.80	95.20	5.86	13.5
10-3	7/10/1995	21:30	30.86	8.17	47.40	30.90	95.30	5.90	13.5
10-3	7/10/1995	21:45	30.80	8.16	46.30	30.10	95.50	5.95	13.6
10-3	7/10/1995	22:00	30.82	8.16	46.80	30.50	95.00	5.89	13.5
10-3	7/10/1995	22:15	30.80	8.17	45.60	29.60	95.40	5.96	13.5
10-3	7/10/1995	22:30	30.82	8.17	45.40	29.40	95.50	5.96	13.5
10-3	7/10/1995	22:45	30.80	8.18	45.00	29.20	95.30	5.97	13.5
10-3	7/10/1995	23:00	30.80	8.18	44.60	28.90	95.00	5.95	13.5
10-3	7/10/1995	23:15	30.80	8.18	44.10	28.50	94.10	5.91	13.5
10-3	7/10/1995	23:30	30.82	8.18	43.80	28.30	94.00	5.91	13.4
10-3	7/10/1995	23:45	30.78	8.17	43.70	28.20	93.10	5.86	13.5
10-3	7/11/1995	0:00	30.76	8.17	43.50	28.10	92.10	5.80	13.5
10-3	7/11/1995	0:15	30.74	8.17	43.50	28.10	92.50	5.83	13.5
10-3	7/11/1995	0:30	30.70	8.17	43.50	28.10	90.70	5.72	13.5
10-3	7/11/1995	0:45	30.70	8.17	43.50	28.10	89.20	5.63	13.5
10-3	7/11/1995	1:00	30.70	8.16	43.50	28.10	88.70	5.59	13.6
10-3	7/11/1995	1:15	30.68	8.16	43.50	28.10	88.20	5.57	13.4
10-3	7/11/1995	1:30	30.64	8.17	43.50	28.10	86.00	5.43	13.5
10-3	7/11/1995	1:45	30.58	8.16	43.50	28.10	83.90	5.30	13.4
10-3	7/11/1995	2:00	30.58	8.13	43.50	28.10	80.70	5.10	13.4
10-3	7/11/1995	2:15	30.56	8.16	46.90	30.50	82.10	5.12	13.4
10-3	7/11/1995	2:30	30.54	8.16	46.90	30.50	84.70	5.28	13.4
10-3	7/11/1995	2:45	30.56	8.15	46.90	30.50	83.70	5.22	13.4
10-3	7/11/1995	3:00	30.62	8.16	46.90	30.50	89.00	5.54	13.4
10-3	7/11/1995	3:15	30.48	8.13	46.90	30.50	80.30	5.01	13.4
10-3	7/11/1995	3:30	30.29	8.12	46.90	30.50	67.60	4.23	13.4
10-3	7/11/1995	3:45	30.29	8.12	46.80	30.50	66.00	4.13	13.4
10-3	7/11/1995	4:00	30.33	8.14	46.80	30.50	69.00	4.32	13.4
10-3	7/11/1995	4:15	30.35	8.13	46.90	30.50	69.40	4.34	13.4
10-3	7/11/1995	4:30	30.37	8.14	46.80	30.50	71.40	4.46	13.4
10-3	7/11/1995	4:45	30.37	8.14	46.80	30.50	70.90	4.44	13.3
10-3	7/11/1995	5:00	30.37	8.14	46.80	30.50	68.00	4.25	13.4
10-3	7/11/1995	5:15	30.37	8.14	46.80	30.50	67.50	4.22	13.4
10-3	7/11/1995	5:30	30.35	8.14	46.80	30.50	66.40	4.16	13.4
10-3	7/11/1995	5:45	30.31	8.11	47.40	30.90	66.80	4.17	13.4
10-3	7/11/1995	6:00	30.11	8.11	47.50	31.00	68.90	4.31	13.4

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
10-3	7/11/1995	6:15	30.21	8.14	47.60	31.00	74.70	4.67	13.4
10-3	7/11/1995	6:30	30.09	8.13	48.10	31.50	76.20	4.76	13.4
10-3	7/11/1995	6:45	30.05	8.12	48.10	31.40	80.40	5.03	13.3
10-3	7/11/1995	7:00	30.05	8.12	48.00	31.40	85.10	5.33	13.4
10-3	7/11/1995	7:15	29.99	8.12	47.50	31.00	86.00	5.40	13.3
10-3	7/11/1995	7:30	30.19	8.14	47.00	30.70	87.00	5.45	13.4
10-3	7/11/1995	7:45	30.31	8.15	46.60	30.30	87.90	5.51	13.3
10-3	7/11/1995	8:00	30.29	8.15	46.10	30.00	88.00	5.52	13.3
10-3	7/11/1995	8:15	30.27	8.15	45.20	29.30	87.80	5.54	13.3
10-3	7/11/1995	8:30	30.33	8.15	44.50	28.80	87.90	5.55	13.3
10-3	7/11/1995	8:45	30.41	8.15	43.60	28.10	88.00	5.58	13.3
10-3	7/11/1995	9:00	30.41	8.15	42.40	27.30	88.30	5.63	13.3
10-3	7/11/1995	9:15	30.46	8.15	41.80	26.80	88.50	5.65	13.3
10-3	7/11/1995	9:30	30.41	8.15	41.20	26.50	89.10	5.70	13.3
10-3	7/11/1995	9:45	30.43	8.15	41.20	26.40	88.70	5.68	13.3
10-3	7/11/1995	10:00	30.46	8.15	41.10	26.40	88.50	5.66	13.3
10-3	7/11/1995	10:15	30.48	8.15	41.10	26.40	88.40	5.66	13.3
10-3	7/11/1995	10:30	30.50	8.15	41.10	26.30	88.50	5.66	13.3
10-3	7/11/1995	10:45	30.52	8.16	41.10	26.30	89.10	5.70	13.3
10-3	7/11/1995	11:00	30.54	8.16	41.10	26.30	89.50	5.72	13.3
10-3	7/11/1995	11:15	30.56	8.16	41.10	26.40	89.90	5.74	13.3
10-3	7/11/1995	11:30	30.60	8.17	41.10	26.40	91.40	5.83	13.3
10-3	7/11/1995	11:45	30.62	8.17	41.10	26.40	92.90	5.92	13.3
10-3	7/11/1995	12:00	30.62	8.17	41.10	26.40	95.30	6.08	13.3
10-3	7/11/1995	12:15	30.74	8.20	41.10	26.30	103.80	6.61	13.3
10-3	7/11/1995	12:30	30.78	8.21	48.10	31.50	108.80	6.72	13.2
10-3	7/11/1995	12:45	30.82	8.23	47.60	31.10	109.90	6.80	13.3
10-3	7/11/1995	13:00	30.84	8.26	47.40	30.90	105.20	6.51	13.3
10-3	7/11/1995	13:15	30.80	8.23	47.30	30.90	98.10	6.08	13.3
10-3	7/11/1995	13:30	30.84	8.21	47.10	30.70	97.70	6.05	13.3
10-3	7/11/1995	13:45	30.98	8.22	46.40	30.20	104.80	6.50	13.2
10-3	7/11/1995	14:00	31.15	8.25	45.40	29.50	112.00	6.96	13.3
10-3	7/11/1995	14:15	31.19	8.26	44.20	28.60	116.00	7.23	13.2
10-3	7/11/1995	14:30	31.27	8.27	42.90	27.60	120.10	7.52	13.2
10-3	7/11/1995	14:45	31.27	8.27	42.50	27.30	121.90	7.65	13.2
10-3	7/11/1995	15:00	31.33	8.28	41.80	26.80	122.40	7.70	13.1
11-1	08/23/95	10:30	31.05	7.69	46.40	30.20	79.70	4.93	13.2
11-1	08/23/95	10:45	31.09	7.71	46.50	30.20	73.30	4.54	13.2
11-1	08/23/95	11:00	31.03	7.72	46.50	30.30	77.50	4.80	13.2
11-1	08/23/95	11:15	30.98	7.73	46.50	30.30	78.10	4.84	13.2
11-1	08/23/95	11:30	30.98	7.72	46.60	30.40	73.80	4.57	13.1
11-1	08/23/95	11:45	30.96	7.72	46.60	30.40	71.00	4.40	13.1
11-1	08/23/95	12:00	30.96	7.73	46.60	30.40	75.70	4.69	13.1
11-1	08/23/95	12:15	30.96	7.73	46.60	30.40	80.30	4.98	13.1
11-1	08/23/95	12:30	30.94	7.76	46.60	30.30	83.20	5.16	13.1
11-1	08/23/95	12:45	30.98	7.73	46.70	30.40	83.70	5.19	13.1
11-1	08/23/95	13:00	31.03	7.72	46.80	30.50	71.80	4.44	13.1
11-1	08/23/95	13:15	31.03	7.72	46.80	30.50	64.40	3.98	13.1
11-1	08/23/95	13:30	31.03	7.75	46.70	30.40	71.80	4.45	13.1
11-1	08/23/95	13:45	31.11	7.68	46.80	30.50	54.40	3.36	13.1
11-1	08/23/95	14:00	31.09	7.74	46.80	30.50	75.00	4.64	13.0
11-1	08/23/95	14:15	31.09	7.76	46.80	30.50	83.60	5.17	13.0
11-1	08/23/95	14:30	31.11	7.76	46.80	30.50	82.50	5.10	13.0
11-1	08/23/95	14:45	31.10	7.76	46.90	30.50	78.90	4.88	13.0
11-1	08/23/95	15:00	30.92	7.79	46.80	30.50	92.80	5.75	13.0

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
11-1	08/23/95	15:15	31.01	7.80	46.80	30.50	98.40	6.09	13.0
11-1	08/23/95	15:30	31.03	7.81	46.80	30.50	98.40	6.09	13.0
11-1	08/23/95	15:45	31.01	7.81	46.80	30.50	97.30	6.02	13.0
11-1	08/23/95	16:00	31.35	7.87	45.60	29.60	107.20	6.63	13.0
11-1	08/23/95	16:15	31.40	7.88	45.60	29.60	110.50	6.83	13.0
11-1	08/23/95	16:30	31.38	7.89	45.60	29.60	111.00	6.86	13.0
11-1	08/23/95	16:45	31.42	7.90	45.50	29.50	111.40	6.89	13.0
11-1	08/23/95	17:00	31.40	7.89	45.50	29.60	110.20	6.81	13.0
11-1	08/23/95	17:15	31.44	7.89	45.50	29.50	110.10	6.80	12.8
11-1	08/23/95	17:30	31.42	7.89	45.60	29.60	107.20	6.62	12.9
11-1	08/23/95	17:45	31.40	7.87	45.80	29.70	104.00	6.42	12.9
11-1	08/23/95	18:00	31.33	7.86	45.90	29.90	102.80	6.35	12.9
11-1	08/23/95	18:15	31.29	7.89	45.70	29.70	106.60	6.59	12.9
11-1	08/23/95	18:30	31.29	7.89	45.80	29.80	106.80	6.60	12.9
11-1	08/23/95	18:45	31.27	7.88	46.00	29.90	106.80	6.61	12.9
11-1	08/23/95	19:00	31.23	7.85	46.00	29.90	102.00	6.31	12.9
11-1	08/23/95	19:15	31.23	7.85	46.00	29.90	95.20	5.89	12.9
11-1	08/23/95	19:30	31.23	7.83	46.10	30.00	91.40	5.65	12.9
11-1	08/23/95	19:45	31.21	7.83	46.10	30.00	89.60	5.54	12.9
11-1	08/23/95	20:00	31.19	7.83	46.10	30.00	89.20	5.52	12.9
11-1	08/23/95	20:15	31.21	7.84	46.00	29.90	90.60	5.60	12.9
11-1	08/23/95	20:30	31.23	7.84	45.90	29.80	91.30	5.65	12.9
11-1	08/23/95	20:45	31.23	7.85	45.80	29.80	93.40	5.78	12.9
11-1	08/23/95	21:00	31.21	7.84	45.90	29.80	91.40	5.66	12.9
11-1	08/23/95	21:15	31.21	7.84	45.90	29.80	91.80	5.69	12.9
11-1	08/23/95	21:30	31.21	7.85	45.80	29.80	94.20	5.83	12.9
11-1	08/23/95	21:45	31.21	7.85	45.80	29.80	94.10	5.83	12.8
11-1	08/23/95	22:00	31.21	7.86	45.70	29.70	95.70	5.93	12.8
11-1	08/23/95	22:15	31.23	7.87	45.70	29.60	97.60	6.05	12.8
11-1	08/23/95	22:30	31.27	7.85	45.70	29.70	96.00	5.95	12.8
11-1	08/23/95	22:45	31.29	7.85	45.70	29.70	95.90	5.93	12.8
11-1	08/23/95	23:00	31.27	7.86	45.60	29.60	96.90	6.00	12.8
11-1	08/23/95	23:15	31.25	7.86	45.50	29.60	97.30	6.03	12.8
11-1	08/23/95	23:30	31.17	7.87	45.50	29.50	98.80	6.13	12.8
11-1	08/23/95	23:45	31.19	7.86	45.60	29.60	98.30	6.09	12.8
11-1	08/24/95	0:00	31.15	7.86	45.60	29.60	97.70	6.06	12.8
11-1	08/24/95	0:15	31.11	7.86	45.50	29.60	97.50	6.06	12.8
11-1	08/24/95	0:30	30.96	7.86	45.50	29.50	97.70	6.09	12.8
11-1	08/24/95	0:45	30.98	7.85	45.60	29.60	97.10	6.05	12.8
11-1	08/24/95	1:00	30.96	7.85	45.70	29.70	95.70	5.95	12.8
11-1	08/24/95	1:15	30.94	7.84	45.80	29.80	93.80	5.84	12.8
11-1	08/24/95	1:30	30.91	7.83	45.80	29.80	92.30	5.75	12.8
11-1	08/24/95	1:45	30.92	7.83	45.90	29.80	91.00	5.66	12.8
11-1	08/24/95	2:00	30.90	7.83	45.90	29.80	93.00	5.79	12.7
11-1	08/24/95	2:15	30.89	7.83	45.90	29.80	91.30	5.68	12.8
11-1	08/24/95	2:30	30.84	7.83	46.00	29.90	92.20	5.74	12.8
11-1	08/24/95	2:45	30.82	7.82	46.10	29.90	91.00	5.67	12.8
11-1	08/24/95	3:00	30.82	7.81	46.20	30.00	88.80	5.52	12.7
11-1	08/24/95	3:15	30.84	7.82	46.10	30.00	91.20	5.67	12.7
11-1	08/24/95	3:30	30.85	7.82	46.30	30.10	89.80	5.58	12.7
11-1	08/24/95	3:45	30.81	7.83	46.20	30.00	90.70	5.65	12.7
11-1	08/24/95	4:00	30.80	7.83	46.10	29.90	88.90	5.54	12.7
11-1	08/24/95	4:15	30.80	7.82	46.10	29.90	89.40	5.57	12.7
11-1	08/24/95	4:30	30.85	7.80	46.50	30.30	87.00	5.40	12.7
11-1	08/24/95	4:45	30.76	7.82	46.10	29.90	87.60	5.46	12.7
11-1	08/24/95	5:00	30.78	7.82	46.10	30.00	87.10	5.43	12.7

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
11-1	08/24/95	5:15	30.78	7.82	46.20	30.00	86.40	5.38	12.8
11-1	08/24/95	5:30	30.78	7.81	46.30	30.10	83.30	5.18	12.7
11-1	08/24/95	5:45	30.84	7.77	46.90	30.60	78.50	4.87	12.7
11-1	08/24/95	6:00	30.84	7.77	47.10	30.70	76.10	4.72	12.7
11-1	08/24/95	6:15	30.80	7.77	47.30	30.80	76.00	4.71	12.7
11-1	08/24/95	6:30	30.76	7.77	47.30	30.80	75.10	4.65	12.7
11-1	08/24/95	6:45	30.74	7.76	47.40	30.90	74.70	4.63	12.7
11-1	08/24/95	7:00	30.72	7.76	47.40	30.90	74.20	4.60	12.7
11-1	08/24/95	7:15	30.72	7.75	47.40	30.90	72.70	4.51	12.7
11-1	08/24/95	7:30	30.70	7.76	47.50	31.00	73.90	4.58	12.7
11-1	08/24/95	7:45	30.70	7.75	47.50	31.00	72.60	4.50	12.7
11-1	08/24/95	8:00	30.70	7.75	47.40	30.90	71.60	4.45	12.7
11-1	08/24/95	8:15	30.70	7.75	47.40	30.90	73.70	4.57	12.7
11-1	08/24/95	8:30	30.70	7.75	47.30	30.90	72.50	4.50	12.7
11-1	08/24/95	8:45	30.64	7.76	47.00	30.60	76.00	4.73	12.7
11-1	08/24/95	9:00	30.62	7.76	47.00	30.60	75.90	4.72	12.7
11-1	08/24/95	9:15	30.66	7.75	47.10	30.70	71.10	4.42	12.7
11-1	08/24/95	9:30	30.68	7.74	47.10	30.70	71.80	4.46	12.7
11-1	08/24/95	9:45	30.64	7.74	47.00	30.60	74.20	4.62	12.7
11-1	08/24/95	10:00	30.62	7.75	46.90	30.60	74.70	4.65	12.7
11-1	08/24/95	10:15	30.58	7.75	46.90	30.50	73.50	4.58	12.7
11-1	08/24/95	10:30	30.54	7.75	46.90	30.60	74.80	4.67	12.6
11-1	08/24/95	10:45	30.43	7.77	47.10	30.70	77.30	4.82	12.6
11-1	08/24/95	11:00	30.43	7.77	47.10	30.70	77.30	4.82	12.6
11-1	08/24/95	11:15	30.39	7.79	47.00	30.60	79.70	4.98	12.7
11-1	08/24/95	11:30	30.43	7.79	47.00	30.60	80.40	5.02	12.6
11-1	08/24/95	11:45	30.50	7.78	47.00	30.60	80.50	5.02	12.6
11-1	08/24/95	12:00	30.48	7.79	46.90	30.50	83.10	5.19	12.6
11-1	08/24/95	12:15	30.41	7.81	46.70	30.40	86.70	5.42	12.6
11-1	08/24/95	12:30	30.48	7.81	46.80	30.50	87.40	5.45	12.6
11-1	08/24/95	12:45	30.50	7.81	46.60	30.30	90.60	5.66	12.6
11-1	08/24/95	13:00	30.51	7.81	46.70	30.40	91.00	5.68	12.6
11-1	08/24/95	13:15	30.54	7.81	46.70	30.40	92.00	5.74	12.6
11-1	08/24/95	13:30	30.54	7.81	46.70	30.40	92.90	5.80	12.6
11-1	08/24/95	13:45	30.55	7.82	46.70	30.40	93.10	5.81	12.6
11-1	08/24/95	14:00	30.64	7.82	46.40	30.20	98.60	6.15	12.6
LB-1	9/20/1995	11:00	30.48	7.38	26.60	16.20	37.70	2.56	12.4
LB-1	9/20/1995	11:15	30.62	7.42	26.60	16.30	38.40	2.60	12.4
LB-1	9/20/1995	11:30	30.67	7.43	25.60	15.60	42.90	2.91	12.4
LB-1	9/20/1995	11:45	30.59	7.43	25.60	15.60	42.50	2.89	12.4
LB-1	9/20/1995	12:00	30.75	7.48	24.40	14.80	53.60	3.65	12.4
LB-1	9/20/1995	12:15	30.67	7.48	24.30	14.70	58.20	3.97	12.4
LB-1	9/20/1995	12:30	30.76	7.56	22.80	13.70	65.60	4.49	12.4
LB-1	9/20/1995	12:45	30.94	7.62	22.00	13.20	78.20	5.36	12.4
LB-1	9/20/1995	13:00	31.33	7.69	21.80	13.10	93.40	6.36	12.4
LB-1	9/20/1995	13:15	31.64	7.75	21.50	12.80	98.30	6.67	12.4
LB-1	9/20/1995	13:30	30.85	7.53	23.50	14.20	68.60	4.68	12.4
LB-1	9/20/1995	13:45	31.66	7.69	21.80	13.00	105.80	7.17	12.3
LB-1	9/20/1995	14:00	31.39	7.67	22.70	13.60	94.00	6.38	12.3
LB-1	9/20/1995	14:15	31.35	7.64	22.40	13.40	96.70	6.57	12.3
LB-1	9/20/1995	14:30	31.53	7.73	22.10	13.30	98.70	6.69	12.3
LB-1	9/20/1995	14:45	31.80	7.74	21.60	12.90	106.00	7.17	12.3
LB-1	9/20/1995	15:00	31.54	7.70	22.20	13.30	104.60	7.09	12.3
LB-1	9/20/1995	15:15	31.76	7.73	21.90	13.10	87.30	5.90	12.3
LB-1	9/20/1995	15:30	31.86	7.78	21.70	13.00	104.70	7.07	12.3

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
LB-1	9/20/1995	15:45	32.30	7.86	20.90	12.50	109.50	7.36	12.3
LB-1	9/20/1995	16:00	32.14	7.84	21.20	12.70	108.10	7.28	12.3
LB-1	9/20/1995	16:15	32.28	7.88	20.90	12.50	114.90	7.73	12.3
LB-1	9/20/1995	16:30	32.31	7.82	21.00	12.60	115.70	7.78	12.3
LB-1	9/20/1995	16:45	32.37	7.92	20.80	12.40	119.30	8.02	12.3
LB-1	9/20/1995	17:00	32.33	7.89	20.90	12.50	114.90	7.72	12.3
LB-1	9/20/1995	17:15	32.64	7.98	20.40	12.10	131.70	8.83	12.3
LB-1	9/20/1995	17:30	32.51	7.98	20.20	12.00	142.00	9.54	12.3
LB-1	9/20/1995	17:45	32.39	7.93	21.00	12.50	119.30	8.01	12.3
LB-1	9/20/1995	18:00	32.75	8.03	19.60	11.60	137.40	9.22	12.3
LB-1	9/20/1995	18:15	32.94	8.15	18.80	11.10	158.20	10.62	12.3
LB-1	9/20/1995	18:30	32.62	8.15	19.00	11.20	161.10	10.86	12.3
LB-1	9/20/1995	18:45	32.47	8.09	19.70	11.70	144.40	9.73	12.3
LB-1	9/20/1995	19:00	32.45	8.01	20.00	11.90	134.50	9.05	12.3
LB-1	9/20/1995	19:15	32.20	7.91	20.40	12.10	113.00	7.63	12.3
LB-1	9/20/1995	19:30	32.28	7.99	20.00	11.90	129.00	8.71	12.3
LB-1	9/20/1995	19:45	32.24	7.93	20.30	12.10	120.10	8.10	12.3
LB-1	9/20/1995	20:00	31.99	7.79	21.30	12.80	99.60	6.72	12.2
LB-1	9/20/1995	20:15	31.97	7.77	21.40	12.80	96.10	6.49	12.3
LB-1	9/20/1995	20:30	31.72	7.64	22.10	13.20	82.90	5.61	12.2
LB-1	9/20/1995	20:45	31.53	7.60	22.60	13.60	75.20	5.09	12.2
LB-1	9/20/1995	21:00	31.47	7.55	22.60	13.60	73.10	4.95	12.2
LB-1	9/20/1995	21:15	31.45	7.59	22.60	13.60	75.90	5.14	12.2
LB-1	9/20/1995	21:30	31.39	7.57	22.70	13.70	74.70	5.07	12.2
LB-1	9/20/1995	21:45	31.44	7.52	23.30	14.00	72.70	4.92	12.2
LB-1	9/20/1995	22:00	31.39	7.50	23.60	14.20	71.60	4.84	12.2
LB-1	9/20/1995	22:15	31.35	7.49	23.70	14.30	69.90	4.72	12.2
LB-1	9/20/1995	22:30	31.30	7.54	24.40	14.80	67.00	4.52	12.2
LB-1	9/20/1995	22:45	31.24	7.54	25.00	15.20	65.30	4.40	12.2
LB-1	9/20/1995	23:00	31.22	7.55	25.40	15.40	64.60	4.35	12.2
LB-1	9/20/1995	23:15	31.18	7.56	25.60	15.60	65.00	4.38	12.2
LB-1	9/20/1995	23:30	31.16	7.55	25.70	15.70	64.20	4.32	12.2
LB-1	9/20/1995	23:45	31.12	7.54	26.00	15.90	62.90	4.23	12.2
LB-1	9/21/1995	0:00	31.08	7.55	26.20	16.00	62.30	4.19	12.2
LB-1	9/21/1995	0:15	31.04	7.54	26.20	16.00	60.90	4.10	12.2
LB-1	9/21/1995	0:30	30.91	7.55	26.40	16.10	61.10	4.12	12.2
LB-1	9/21/1995	0:45	30.87	7.55	26.50	16.20	59.50	4.01	12.2
LB-1	9/21/1995	1:00	30.91	7.56	26.60	16.30	60.00	4.04	12.2
LB-1	9/21/1995	1:15	30.93	7.56	26.70	16.30	63.20	4.25	12.2
LB-1	9/21/1995	1:30	30.87	7.53	26.40	16.10	60.70	4.09	12.2
LB-1	9/21/1995	1:45	30.98	7.54	26.60	16.30	59.70	4.02	12.1
LB-1	9/21/1995	2:00	30.77	7.51	26.40	16.10	55.70	3.76	12.1
LB-1	9/21/1995	2:15	30.81	7.51	25.90	15.80	56.90	3.85	12.1
LB-1	9/21/1995	2:30	30.85	7.48	25.50	15.50	54.00	3.66	12.1
LB-1	9/21/1995	2:45	30.91	7.47	25.80	15.70	52.20	3.52	12.1
LB-1	9/21/1995	3:00	30.57	7.52	25.10	15.20	54.20	3.69	12.2
LB-1	9/21/1995	3:15	30.45	7.53	24.60	14.90	57.00	3.90	12.1
LB-1	9/21/1995	3:30	29.94	7.58	23.00	13.80	62.90	4.37	12.3
LB-1	9/21/1995	3:45	30.47	7.52	23.90	14.40	57.80	3.96	12.1
LB-1	9/21/1995	4:00	29.96	7.54	23.00	13.90	60.00	4.16	12.1
LB-1	9/21/1995	4:15	30.22	7.51	23.30	14.00	56.70	3.92	12.1
LB-1	9/21/1995	4:30	30.10	7.51	23.20	14.00	56.30	3.89	12.1
LB-1	9/21/1995	4:45	29.90	7.52	22.30	13.40	57.90	4.04	12.1
LB-1	9/21/1995	5:00	30.02	7.50	22.50	13.50	56.10	3.90	12.1
LB-1	9/21/1995	5:15	30.10	7.49	22.70	13.60	54.50	3.78	12.1
LB-1	9/21/1995	5:30	30.16	7.47	22.60	13.60	52.40	3.63	12.1

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
LB-1	9/21/1995	5:45	30.24	7.47	22.80	13.70	52.00	3.59	12.1
LB-1	9/21/1995	6:00	30.34	7.46	22.70	13.70	48.80	3.37	12.1
LB-1	9/21/1995	6:15	30.16	7.45	22.60	13.60	49.10	3.40	12.1
LB-1	9/21/1995	6:30	30.16	7.42	22.70	13.60	45.80	3.17	12.1
LB-1	9/21/1995	6:45	29.88	7.42	22.20	13.30	46.40	3.23	12.1
LB-1	9/21/1995	7:00	29.76	7.42	22.30	13.40	46.70	3.26	12.1
LB-1	9/21/1995	7:15	29.72	7.40	22.40	13.40	44.60	3.12	12.1
LB-1	9/21/1995	7:30	29.70	7.44	22.20	13.30	49.80	3.48	12.1
LB-1	9/21/1995	7:45	29.32	7.45	22.00	13.20	51.20	3.61	12.1
LB-1	9/21/1995	8:00	28.97	7.48	21.50	12.90	55.10	3.91	12.1
LB-1	9/21/1995	8:15	29.76	7.47	22.90	13.80	53.10	3.70	12.0
LB-1	9/21/1995	8:30	30.06	7.46	24.00	14.50	53.00	3.66	12.1
LB-1	9/21/1995	8:45	30.04	7.47	24.30	14.70	51.80	3.57	12.1
LB-1	9/21/1995	9:00	30.10	7.45	25.00	15.20	50.70	3.48	12.0
LB-1	9/21/1995	9:15	30.12	7.46	25.30	15.40	51.10	3.50	12.0
LB-1	9/21/1995	9:30	30.04	7.46	25.30	15.40	53.10	3.65	12.0
LB-1	9/21/1995	9:45	30.18	7.47	26.00	15.80	52.80	3.61	12.0
LB-1	9/21/1995	10:00	30.32	7.51	26.30	16.00	58.40	3.98	12.0
LB-1	9/21/1995	10:15	30.36	7.50	26.70	16.30	55.20	3.75	12.1
LB-1	9/21/1995	10:30	30.45	7.51	27.20	16.60	56.60	3.84	12.0
LB-1	9/21/1995	10:45	30.46	7.52	27.80	17.10	56.90	3.84	12.0
LB-1	9/21/1995	11:00	30.45	7.51	28.40	17.40	53.70	3.62	12.0
LB-1	9/21/1995	11:15	30.38	7.53	29.00	17.90	51.80	3.49	12.0
LB-1	9/21/1995	11:30	30.53	7.56	29.00	17.90	54.80	3.68	12.0
LB-1	9/21/1995	11:45	30.59	7.56	29.00	17.90	57.70	3.87	12.0
LB-1	9/21/1995	12:00	30.65	7.58	29.00	17.90	61.10	4.09	12.0
LB-1	9/21/1995	12:15	30.91	7.57	28.00	17.20	63.00	4.22	12.0
LB-1	9/21/1995	12:30	30.89	7.59	28.40	17.50	67.30	4.50	12.0
LB-1	9/21/1995	12:45	30.86	7.60	27.00	16.50	70.20	4.72	12.0
LB-1	9/21/1995	13:00	30.71	7.59	27.10	16.60	69.10	4.66	12.0
ML-1	10/18/1995	8:00	23.99	6.72	0.160	0.1	60.4	5.10	14.0
ML-1	10/18/1995	8:15	23.99	6.70	0.159	0.1	59.3	5.00	14.0
ML-1	10/18/1995	8:30	23.99	6.69	0.159	0.1	59.3	5.00	13.9
ML-1	10/18/1995	8:45	23.99	6.71	0.159	0.1	59.5	5.02	13.9
ML-1	10/18/1995	9:00	23.99	6.73	0.159	0.1	58.4	4.93	13.9
ML-1	10/18/1995	9:15	24.00	6.71	0.157	0.1	57.4	4.84	13.9
ML-1	10/18/1995	9:30	23.99	6.72	0.157	0.1	56.9	4.80	13.9
ML-1	10/18/1995	9:45	23.99	6.72	0.158	0.1	57.4	4.84	13.9
ML-1	10/18/1995	10:00	24.00	6.70	0.157	0.1	57.8	4.88	13.9
ML-1	10/18/1995	10:15	23.99	6.69	0.156	0.1	58.2	4.91	13.9
ML-1	10/18/1995	10:30	23.99	6.69	0.156	0.1	58.7	4.95	13.9
ML-1	10/18/1995	10:45	23.99	6.67	0.155	0.1	58.7	4.95	13.9
ML-1	10/18/1995	11:00	24.02	6.65	0.153	0.1	59.8	5.04	13.8
ML-1	10/18/1995	11:15	24.02	6.65	0.151	0.1	59.9	5.05	13.8
ML-1	10/18/1995	11:30	24.04	6.64	0.150	0.1	58.7	4.95	13.8
ML-1	10/18/1995	11:45	24.10	6.63	0.147	0.1	62.1	5.23	13.8
ML-1	10/18/1995	12:00	24.08	6.66	0.152	0.1	60.8	5.12	13.8
ML-1	10/18/1995	12:15	24.08	6.64	0.150	0.1	60.0	5.06	13.8
ML-1	10/18/1995	12:30	24.13	6.65	0.150	0.1	59.6	5.01	13.8
ML-1	10/18/1995	12:45	24.17	6.63	0.148	0.1	60.8	5.11	13.8
ML-1	10/18/1995	13:00	24.15	6.65	0.155	0.1	59.8	5.03	13.8
ML-1	10/18/1995	13:15	24.21	6.68	0.157	0.1	59.6	5.01	13.8
ML-1	10/18/1995	13:30	24.19	6.69	0.168	0.1	59.1	4.97	13.8
ML-1	10/18/1995	13:45	24.19	6.66	0.154	0.1	60.7	5.11	13.8
ML-1	10/18/1995	14:00	24.22	6.70	0.167	0.1	58.6	4.92	13.8

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
ML-1	10/18/1995	14:15	24.24	6.70	0.172	0.1	59.0	4.96	13.8
ML-1	10/18/1995	14:30	24.26	6.72	0.173	0.1	58.9	4.94	13.8
ML-1	10/18/1995	14:45	24.24	6.72	0.184	0.1	55.8	4.69	13.8
ML-1	10/18/1995	15:00	24.28	6.71	0.187	0.1	57.5	4.82	13.7
ML-1	10/18/1995	15:15	24.32	6.70	0.166	0.1	58.5	4.90	13.7
ML-1	10/18/1995	15:30	24.33	6.71	0.172	0.1	58.2	4.88	13.7
ML-1	10/18/1995	15:45	24.35	6.70	0.166	0.1	57.8	4.84	13.7
ML-1	10/18/1995	16:00	24.37	6.71	0.177	0.1	56.6	4.74	13.7
ML-1	10/18/1995	16:15	24.37	6.72	0.188	0.1	57.7	4.83	13.7
ML-1	10/18/1995	16:30	24.39	6.70	0.173	0.1	57.4	4.81	13.7
ML-1	10/18/1995	16:45	24.39	6.71	0.177	0.1	57.2	4.79	13.7
ML-1	10/18/1995	17:00	24.43	6.70	0.168	0.1	56.8	4.75	13.7
ML-1	10/18/1995	17:15	24.43	6.70	0.173	0.1	56.1	4.69	13.7
ML-1	10/18/1995	17:30	24.44	6.70	0.170	0.1	57.2	4.78	13.7
ML-1	10/18/1995	17:45	24.43	6.68	0.172	0.1	56.3	4.71	13.7
ML-1	10/18/1995	18:00	24.43	6.69	0.174	0.1	56.5	4.73	13.7
ML-1	10/18/1995	18:15	24.43	6.67	0.170	0.1	55.3	4.63	13.7
ML-1	10/18/1995	18:30	24.44	6.68	0.172	0.1	55.7	4.66	13.7
ML-1	10/18/1995	18:45	24.41	6.67	0.170	0.1	55.3	4.63	13.7
ML-1	10/18/1995	19:00	24.41	6.67	0.176	0.1	55.0	4.60	13.7
ML-1	10/18/1995	19:15	24.39	6.67	0.170	0.1	55.2	4.62	13.7
ML-1	10/18/1995	19:30	24.39	6.68	0.173	0.1	55.0	4.61	13.6
ML-1	10/18/1995	19:45	24.39	6.70	0.175	0.1	54.5	4.57	13.6
ML-1	10/18/1995	20:00	24.37	6.69	0.178	0.1	54.9	4.60	13.5
ML-1	10/18/1995	20:15	24.37	6.69	0.173	0.1	54.2	4.54	13.6
ML-1	10/18/1995	20:30	24.35	6.69	0.173	0.1	55.1	4.61	13.6
ML-1	10/18/1995	20:45	24.33	6.69	0.172	0.1	54.1	4.53	13.5
ML-1	10/18/1995	21:00	24.32	6.68	0.169	0.1	55.6	4.66	13.6
ML-1	10/18/1995	21:15	24.32	6.68	0.171	0.1	55.7	4.67	13.6
ML-1	10/18/1995	21:30	24.30	6.68	0.171	0.1	55.7	4.67	13.6
ML-1	10/18/1995	21:45	24.28	6.68	0.168	0.1	56.1	4.71	13.6
ML-1	10/18/1995	22:00	24.28	6.68	0.168	0.1	55.5	4.66	13.6
ML-1	10/18/1995	22:15	24.26	6.68	0.168	0.1	55.2	4.63	13.6
ML-1	10/18/1995	22:30	24.26	6.68	0.167	0.1	55.1	4.62	13.6
ML-1	10/18/1995	22:45	24.24	6.66	0.164	0.1	55.2	4.64	13.8
ML-1	10/18/1995	23:00	24.22	6.65	0.163	0.1	55.5	4.66	13.6
ML-1	10/18/1995	23:15	24.24	6.65	0.165	0.1	55.2	4.64	13.6
ML-1	10/18/1995	23:30	24.24	6.66	0.163	0.1	52.7	4.43	13.6
ML-1	10/18/1995	23:45	24.22	6.67	0.165	0.1	53.3	4.48	13.5
ML-1	10/19/1995	0:00	24.22	6.66	0.165	0.1	53.0	4.45	13.6
ML-1	10/19/1995	0:15	24.21	6.64	0.161	0.1	52.1	4.38	13.6
ML-1	10/19/1995	0:30	24.22	6.67	0.163	0.1	47.4	3.98	13.6
ML-1	10/19/1995	0:45	24.21	6.66	0.164	0.1	52.5	4.41	13.6
ML-1	10/19/1995	1:00	24.21	6.65	0.165	0.1	53.2	4.47	13.6
ML-1	10/19/1995	1:15	24.19	6.63	0.163	0.1	54.1	4.54	13.5
ML-1	10/19/1995	1:30	24.21	6.66	0.167	0.1	53.7	4.51	13.5
ML-1	10/19/1995	1:45	24.22	6.64	0.165	0.1	51.1	4.29	13.5
ML-1	10/19/1995	2:00	24.21	6.63	0.165	0.1	53.6	4.50	13.5
ML-1	10/19/1995	2:15	24.19	6.64	0.163	0.1	53.7	4.52	13.5
ML-1	10/19/1995	2:30	24.19	6.65	0.163	0.1	52.8	4.44	13.5
ML-1	10/19/1995	2:45	24.17	6.64	0.163	0.1	53.4	4.49	13.5
ML-1	10/19/1995	3:00	24.17	6.66	0.165	0.1	52.4	4.40	13.5
ML-1	10/19/1995	3:15	24.15	6.66	0.165	0.1	53.2	4.47	13.5
ML-1	10/19/1995	3:30	24.15	6.68	0.167	0.1	51.1	4.30	13.5
ML-1	10/19/1995	3:45	24.15	6.67	0.168	0.1	52.5	4.42	13.6
ML-1	10/19/1995	4:00	24.13	6.68	0.168	0.1	52.0	4.37	13.5

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
ML-1	10/19/1995	4:15	24.13	6.69	0.168	0.1	50.6	4.26	13.5
ML-1	10/19/1995	4:30	24.11	6.69	0.171	0.1	49.6	4.17	13.5
ML-1	10/19/1995	4:45	24.10	6.68	0.170	0.1	49.9	4.20	13.5
ML-1	10/19/1995	5:00	24.08	6.69	0.174	0.1	51.8	4.36	13.5
ML-1	10/19/1995	5:15	24.08	6.68	0.173	0.1	51.2	4.32	13.6
ML-1	10/19/1995	5:30	24.08	6.67	0.173	0.1	51.5	4.33	13.5
ML-1	10/19/1995	5:45	24.08	6.68	0.173	0.1	50.9	4.29	13.4
ML-1	10/19/1995	6:00	24.08	6.69	0.175	0.1	51.1	4.31	13.5
ML-1	10/19/1995	6:15	24.06	6.68	0.174	0.1	50.8	4.28	13.5
ML-1	10/19/1995	6:30	24.06	6.69	0.176	0.1	51.4	4.33	13.5
ML-1	10/19/1995	6:45	24.02	6.73	0.175	0.1	50.0	4.22	13.5
ML-1	10/19/1995	7:00	24.02	6.68	0.174	0.1	50.2	4.23	13.4
ML-1	10/19/1995	7:15	24.06	6.69	0.182	0.1	49.4	4.16	13.4
ML-1	10/19/1995	7:30	23.99	6.67	0.172	0.1	49.3	4.16	13.4
ML-1	10/19/1995	7:45	23.99	6.67	0.173	0.1	49.3	4.16	13.4
ML-1	10/19/1995	8:00	24.02	6.69	0.177	0.1	49.6	4.18	13.4
ML-1	10/19/1995	8:15	23.99	6.67	0.174	0.1	49.2	4.15	13.4
ML-1	10/19/1995	8:30	23.99	6.67	0.171	0.1	49.1	4.14	13.4
ML-1	10/19/1995	8:45	24.00	6.67	0.171	0.1	48.2	4.07	13.3
ML-1	10/19/1995	9:00	24.00	6.67	0.171	0.1	49.0	4.13	13.4
ML-1	10/19/1995	9:15	24.00	6.67	0.170	0.1	50.8	4.28	13.4
ML-1	10/19/1995	9:30	24.06	6.67	0.171	0.1	50.5	4.25	13.4
ML-1	10/19/1995	9:45	24.10	6.67	0.171	0.1	49.8	4.19	13.4
ML-1	10/19/1995	10:00	24.11	6.67	0.171	0.1	50.7	4.27	13.4
ML-1	10/19/1995	10:15	24.17	6.68	0.171	0.1	52.0	4.37	13.4
ML-1	10/19/1995	10:30	24.26	6.68	0.169	0.1	52.9	4.44	13.4
ML-1	10/19/1995	10:45	24.37	6.66	0.166	0.1	53.5	4.49	13.4
ML-1	10/19/1995	11:00	24.65	6.63	0.158	0.1	55.0	4.59	13.4
ML-1	10/19/1995	11:15	24.72	6.65	0.160	0.1	55.7	4.64	13.4
ML-1	10/19/1995	11:30	24.78	6.65	0.157	0.1	55.5	4.62	13.4
ML-1	10/19/1995	11:45	24.72	6.66	0.161	0.1	55.5	4.62	13.4
ML-1	10/19/1995	12:00	24.74	6.67	0.161	0.1	53.2	4.43	13.4
ML-1	10/19/1995	12:15	24.81	6.68	0.163	0.1	53.2	4.42	13.4
ML-1	10/19/1995	12:30	24.92	6.64	0.162	0.1	54.7	4.54	13.4
ML-1	10/19/1995	12:45	25.03	6.65	0.164	0.1	55.5	4.60	13.4
ML-1	10/19/1995	13:00	25.03	6.66	0.164	0.1	55.1	4.56	13.4
ML-1	10/19/1995	13:15	25.09	6.66	0.163	0.1	55.0	4.55	13.4
ML-1	10/19/1995	13:30	25.18	6.67	0.164	0.1	54.9	4.53	13.4
ML-1	10/19/1995	13:45	25.22	6.68	0.164	0.1	55.0	4.54	13.4
ML-1	11/15/1995	12:45	18.38	7.09	0.28	0.10	75.20	7.06	13.1
ML-1	11/15/1995	13:00	18.44	7.11	0.29	0.10	76.40	7.16	13.1
ML-1	11/15/1995	13:15	18.54	7.08	0.29	0.10	76.70	7.17	13.1
ML-1	11/15/1995	13:30	18.63	7.11	0.29	0.10	77.60	7.24	13.1
ML-1	11/15/1995	13:45	18.69	7.11	0.29	0.10	78.30	7.31	13.1
ML-1	11/15/1995	14:00	18.81	7.10	0.30	0.10	79.00	7.35	12.9
ML-1	11/15/1995	14:15	18.90	7.11	0.30	0.10	79.40	7.38	13.1
ML-1	11/15/1995	14:30	19.02	7.11	0.30	0.10	79.80	7.39	13.0
ML-1	11/15/1995	14:45	19.12	7.12	0.30	0.10	80.10	7.40	13.0
ML-1	11/15/1995	15:00	19.23	7.11	0.31	0.20	80.10	7.39	13.0
ML-1	11/15/1995	15:15	19.28	7.14	0.31	0.10	81.00	7.47	13.0
ML-1	11/15/1995	15:30	19.36	7.13	0.31	0.10	81.30	7.48	13.0
ML-1	11/15/1995	15:45	19.49	7.13	0.32	0.20	81.90	7.52	13.0
ML-1	11/15/1995	16:00	19.49	7.16	0.31	0.20	81.90	7.52	13.0
ML-1	11/15/1995	16:15	19.61	7.15	0.31	0.10	82.50	7.56	13.0
ML-1	11/15/1995	16:30	19.59	7.15	0.31	0.20	82.00	7.51	13.0

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
ML-1	11/15/1995	16:45	19.62	7.17	0.31	0.20	82.90	7.59	13.0
ML-1	11/15/1995	17:00	19.64	7.14	0.30	0.10	82.40	7.54	13.0
ML-1	11/15/1995	17:15	19.64	7.12	0.32	0.20	81.80	7.48	13.0
ML-1	11/15/1995	17:30	19.68	7.12	0.30	0.10	81.70	7.47	13.0
ML-1	11/15/1995	17:45	19.64	7.12	0.29	0.10	81.90	7.49	13.0
ML-1	11/15/1995	18:00	19.61	7.11	0.28	0.10	81.30	7.45	13.0
ML-1	11/15/1995	18:15	19.55	7.10	0.28	0.10	81.10	7.43	13.0
ML-1	11/15/1995	18:30	19.49	7.13	0.29	0.10	81.80	7.51	13.0
ML-1	11/15/1995	18:45	19.45	7.13	0.28	0.10	81.40	7.47	13.0
ML-1	11/15/1995	19:00	19.43	7.08	0.27	0.10	81.10	7.45	13.0
ML-1	11/15/1995	19:15	19.39	7.10	0.27	0.10	81.10	7.46	13.0
ML-1	11/15/1995	19:30	19.40	7.12	0.27	0.10	81.00	7.44	13.0
ML-1	11/15/1995	19:45	19.24	7.12	0.27	0.10	81.00	7.47	13.0
ML-1	11/15/1995	20:00	19.16	7.08	0.27	0.10	80.10	7.40	12.9
ML-1	11/15/1995	20:15	19.18	7.08	0.58	0.30	79.10	7.30	12.9
ML-1	11/15/1995	20:30	19.16	7.09	0.56	0.30	79.20	7.31	12.9
ML-1	11/15/1995	20:45	19.14	7.07	0.68	0.40	78.20	7.22	12.9
ML-1	11/15/1995	21:00	19.05	7.07	0.84	0.40	77.90	7.20	12.9
ML-1	11/15/1995	21:15	19.02	7.08	0.95	0.50	78.00	7.21	12.9
ML-1	11/15/1995	21:30	18.99	7.09	1.09	0.60	78.10	7.22	12.9
ML-1	11/15/1995	21:45	18.99	7.09	1.28	0.70	78.40	7.24	12.9
ML-1	11/15/1995	22:00	19.00	7.10	1.44	0.80	78.20	7.22	12.9
ML-1	11/15/1995	22:15	19.02	7.10	1.56	0.80	78.30	7.22	12.9
ML-1	11/15/1995	22:30	19.09	7.11	1.73	0.90	78.10	7.19	12.9
ML-1	11/15/1995	22:45	18.95	7.11	1.59	0.80	78.10	7.21	12.9
ML-1	11/15/1995	23:00	18.92	7.12	1.58	0.80	78.40	7.25	12.8
ML-1	11/15/1995	23:15	19.04	7.12	1.72	0.90	78.20	7.21	12.9
ML-1	11/15/1995	23:30	18.83	7.13	1.55	0.80	78.10	7.23	12.9
ML-1	11/15/1995	23:45	18.88	7.13	1.52	0.80	78.00	7.21	12.9
ML-1	11/16/1995	0:00	18.66	7.14	1.52	0.80	77.00	7.16	12.9
ML-1	11/16/1995	0:15	18.52	7.14	1.36	0.70	76.90	7.16	12.8
ML-1	11/16/1995	0:30	18.56	7.14	1.42	0.80	77.70	7.24	12.8
ML-1	11/16/1995	0:45	18.64	7.14	1.45	0.80	77.70	7.22	12.8
ML-1	11/16/1995	1:00	18.64	7.12	1.53	0.80	78.10	7.25	12.8
ML-1	11/16/1995	1:15	18.56	7.13	1.53	0.80	78.30	7.29	12.8
ML-1	11/16/1995	1:30	18.32	7.14	1.25	0.70	78.10	7.31	12.8
ML-1	11/16/1995	1:45	18.32	7.14	1.24	0.70	77.80	7.29	12.8
ML-1	11/16/1995	2:00	18.25	7.12	1.13	0.60	77.20	7.24	12.8
ML-1	11/16/1995	2:15	18.16	7.13	1.08	0.60	77.50	7.29	12.8
ML-1	11/16/1995	2:30	18.16	7.13	0.78	0.40	77.70	7.31	12.8
ML-1	11/16/1995	2:45	18.15	7.11	0.69	0.40	77.70	7.32	12.8
ML-1	11/16/1995	3:00	18.06	7.13	0.60	0.30	77.50	7.32	12.8
ML-1	11/16/1995	3:15	18.03	7.13	0.50	0.30	77.50	7.32	12.8
ML-1	11/16/1995	3:30	17.98	7.13	0.42	0.20	77.40	7.32	12.8
ML-1	11/16/1995	3:45	17.96	7.13	0.37	0.20	77.50	7.34	12.8
ML-1	11/16/1995	4:00	17.89	7.12	0.36	0.20	77.00	7.30	12.7
ML-1	11/16/1995	4:15	17.84	7.11	0.35	0.20	77.00	7.31	12.8
ML-1	11/16/1995	4:30	17.79	7.10	0.34	0.20	76.70	7.29	12.7
ML-1	11/16/1995	4:45	17.70	7.10	0.34	0.20	76.20	7.25	12.7
ML-1	11/16/1995	5:00	17.69	7.09	0.32	0.20	76.70	7.30	12.7
ML-1	11/16/1995	5:15	17.62	7.09	0.33	0.20	75.00	7.15	12.7
ML-1	11/16/1995	5:30	17.57	7.10	0.33	0.20	75.40	7.20	12.7
ML-1	11/16/1995	5:45	17.59	7.09	0.38	0.20	74.40	7.09	12.7
ML-1	11/16/1995	6:00	17.47	7.10	0.32	0.20	75.40	7.21	12.7
ML-1	11/16/1995	6:15	17.38	7.10	0.32	0.20	74.90	7.18	12.7
ML-1	11/16/1995	6:30	17.31	7.11	0.32	0.20	73.80	7.08	12.7

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
ML-1	11/16/1995	6:45	17.28	7.11	0.33	0.20	74.30	7.13	12.7
ML-1	11/16/1995	7:00	17.28	7.11	0.38	0.20	73.00	7.01	12.7
ML-1	11/16/1995	7:15	17.21	7.11	0.31	0.20	73.90	7.11	12.7
ML-1	11/16/1995	7:30	17.16	7.12	0.32	0.20	73.00	7.03	12.7
ML-1	11/16/1995	7:45	17.15	7.11	0.33	0.20	72.80	7.00	12.6
ML-1	11/16/1995	8:00	17.13	7.11	0.35	0.20	73.30	7.05	12.7
ML-1	11/16/1995	8:15	17.08	7.12	0.37	0.20	72.80	7.02	12.7
ML-1	11/16/1995	8:30	17.13	7.10	0.35	0.20	73.70	7.10	12.7
ML-1	11/16/1995	8:45	17.09	7.08	0.36	0.20	73.90	7.12	12.7
ML-1	11/16/1995	9:00	17.11	7.11	0.31	0.10	74.20	7.15	12.6
ML-1	11/16/1995	9:15	17.18	7.09	0.30	0.10	74.30	7.15	12.6
ML-1	11/16/1995	9:30	17.18	7.08	0.31	0.20	74.30	7.15	12.6
ML-1	11/16/1995	9:45	17.23	7.08	0.32	0.20	74.30	7.14	12.6
ML-1	11/16/1995	10:00	17.26	7.06	0.32	0.20	74.50	7.15	12.6
ML-1	11/16/1995	10:15	17.29	7.09	0.32	0.20	74.60	7.16	12.6
ML-1	11/16/1995	10:30	17.33	7.06	0.32	0.20	74.90	7.18	12.6
ML-1	11/16/1995	10:45	17.35	7.06	0.32	0.20	74.90	7.18	12.7
ML-1	11/16/1995	11:00	17.40	7.06	0.31	0.20	74.90	7.17	12.6
ML-1	11/16/1995	11:15	17.47	7.07	0.31	0.10	75.30	7.20	12.6
ML-1	11/16/1995	11:30	17.76	7.07	0.30	0.10	75.80	7.21	12.6
ML-1	11/16/1995	11:45	17.80	7.08	0.30	0.10	76.80	7.29	12.6
ML-1	11/16/1995	12:00	17.60	7.10	0.30	0.10	76.80	7.32	12.6
ML-1	11/16/1995	12:15	17.74	7.10	0.30	0.10	77.00	7.32	12.6
ML-1	11/16/1995	12:30	17.89	7.11	0.30	0.10	77.90	7.38	12.6
ML-1	11/16/1995	12:45	17.87	7.11	0.31	0.10	78.60	7.46	12.6
ML-1	11/16/1995	13:00	17.91	7.12	0.32	0.20	79.10	7.50	12.6
ML-1	11/16/1995	13:15	17.82	7.11	0.32	0.20	79.10	7.50	12.6
ML-1	11/16/1995	13:30	17.87	7.11	0.34	0.20	78.80	7.47	12.6
ML-1	11/16/1995	13:45	18.15	7.13	0.33	0.20	79.90	7.53	12.6
ML-1	11/16/1995	14:00	17.99	7.14	0.31	0.20	80.00	7.57	12.6
ML-1	11/16/1995	14:15	18.15	7.13	0.31	0.20	80.00	7.54	12.6
ML-1	11/16/1995	14:30	18.20	7.14	0.32	0.20	80.40	7.58	12.6
ML-1	11/16/1995	14:45	18.32	7.12	0.31	0.10	80.90	7.61	12.6
ML-1	11/16/1995	15:00	18.32	7.15	0.30	0.10	81.40	7.65	12.5
ML-1	11/16/1995	15:15	18.40	7.16	0.30	0.10	82.40	7.73	12.6
ML-1	11/16/1995	15:30	18.45	7.13	0.32	0.20	82.10	7.69	12.6
ML-1	11/16/1995	15:45	18.61	7.13	0.30	0.10	82.60	7.72	12.6
ML-1	11/16/1995	16:00	18.68	7.14	0.30	0.10	83.30	7.77	12.6
16-1	12/12/1995	13:45	17.35	7.83	42.50	27.30	86.80	7.03	12.5
16-1	12/12/1995	14:00	17.47	7.87	42.80	27.50	85.80	6.93	12.4
16-1	12/12/1995	14:15	17.67	7.90	43.00	27.70	87.20	7.00	12.4
16-1	12/12/1995	14:30	17.77	7.91	43.20	27.90	87.70	7.02	12.3
16-1	12/12/1995	14:45	18.18	7.92	44.20	28.60	89.20	7.05	12.3
16-1	12/12/1995	15:00	18.64	7.92	45.20	29.30	90.60	7.07	12.3
16-1	12/12/1995	15:15	18.80	7.94	45.50	29.50	90.10	7.00	12.3
16-1	12/12/1995	15:30	18.95	7.96	45.70	29.70	90.40	6.99	12.3
16-1	12/12/1995	15:45	19.05	7.97	45.80	29.80	90.20	6.96	12.3
16-1	12/12/1995	16:00	19.12	7.96	45.80	29.80	90.40	6.97	12.3
16-1	12/12/1995	16:15	19.16	7.97	45.80	29.80	90.80	6.99	12.3
16-1	12/12/1995	16:30	19.16	7.97	45.80	29.80	90.80	6.99	12.3
16-1	12/12/1995	16:45	19.18	7.99	45.80	29.80	91.00	7.01	12.3
16-1	12/12/1995	17:00	19.16	7.97	45.80	29.80	91.10	7.01	12.2
16-1	12/12/1995	17:15	19.18	7.97	45.80	29.80	91.00	7.01	12.3
16-1	12/12/1995	17:30	19.21	7.98	45.80	29.80	91.90	7.07	12.2
16-1	12/12/1995	17:45	19.16	7.96	45.80	29.80	92.50	7.13	12.2

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
16-1	12/12/1995	18:00	19.16	7.97	45.80	29.80	91.70	7.06	12.2
16-1	12/12/1995	18:15	19.14	7.97	45.80	29.70	91.00	7.01	12.2
16-1	12/12/1995	18:30	19.12	7.97	45.80	29.70	91.30	7.04	12.3
16-1	12/12/1995	18:45	19.09	7.97	45.70	29.70	90.50	6.98	12.2
16-1	12/12/1995	19:00	19.11	7.99	45.80	29.70	90.30	6.97	12.2
16-1	12/12/1995	19:15	19.05	7.98	45.80	29.80	88.90	6.86	12.2
16-1	12/12/1995	19:30	19.07	7.97	45.80	29.80	89.30	6.89	12.2
16-1	12/12/1995	19:45	19.12	7.97	45.70	29.70	88.40	6.81	12.2
16-1	12/12/1995	20:00	19.09	7.98	45.70	29.70	88.50	6.82	12.2
16-1	12/12/1995	20:15	19.05	7.96	45.80	29.80	88.70	6.85	12.2
16-1	12/12/1995	20:30	19.05	7.98	45.70	29.70	88.90	6.86	12.2
16-1	12/12/1995	20:45	19.00	7.97	45.70	29.70	88.40	6.83	12.2
16-1	12/12/1995	21:00	18.97	7.96	45.80	29.80	87.90	6.80	12.2
16-1	12/12/1995	21:15	18.95	7.95	45.80	29.80	88.00	6.80	12.2
16-1	12/12/1995	21:30	18.99	7.98	45.80	29.80	88.00	6.80	12.3
16-1	12/12/1995	21:45	19.00	7.98	45.70	29.70	88.10	6.81	12.2
16-1	12/12/1995	22:00	18.99	7.96	45.80	29.80	87.60	6.77	12.2
16-1	12/12/1995	22:15	18.93	7.96	45.80	29.80	87.60	6.78	12.2
16-1	12/12/1995	22:30	18.93	7.99	45.80	29.80	87.90	6.80	12.2
16-1	12/12/1995	22:45	18.87	7.98	45.80	29.80	87.10	6.74	12.2
16-1	12/12/1995	23:00	18.88	7.98	45.80	29.80	86.40	6.69	12.2
16-1	12/12/1995	23:15	18.81	7.98	45.70	29.70	87.10	6.75	12.1
16-1	12/12/1995	23:30	18.83	7.97	45.70	29.70	87.00	6.75	12.1
16-1	12/12/1995	23:45	18.87	7.95	45.80	29.80	86.50	6.70	12.2
16-1	12/13/1995	0:00	18.88	7.97	45.80	29.80	86.40	6.69	12.1
16-1	12/13/1995	0:15	18.85	7.96	45.80	29.80	85.90	6.66	12.1
16-1	12/13/1995	0:30	18.85	7.97	45.70	29.70	85.50	6.62	12.1
16-1	12/13/1995	0:45	18.73	7.95	45.70	29.70	84.90	6.60	12.1
16-1	12/13/1995	1:00	18.80	7.98	45.80	29.80	85.20	6.61	12.1
16-1	12/13/1995	1:15	18.76	7.98	45.80	29.80	85.10	6.61	12.1
16-1	12/13/1995	1:30	18.73	7.97	45.70	29.70	84.20	6.54	12.1
16-1	12/13/1995	1:45	18.61	7.97	45.70	29.70	84.50	6.58	12.1
16-1	12/13/1995	2:00	18.69	7.97	45.70	29.70	84.60	6.57	12.1
16-1	12/13/1995	2:15	18.69	7.96	45.80	29.80	84.90	6.60	12.1
16-1	12/13/1995	2:30	18.68	7.97	45.80	29.80	84.80	6.59	12.1
16-1	12/13/1995	2:45	18.69	7.96	45.80	29.80	84.90	6.60	12.1
16-1	12/13/1995	3:00	18.71	7.95	45.80	29.80	84.80	6.59	12.1
16-1	12/13/1995	3:15	18.64	7.96	45.90	29.80	84.30	6.56	12.1
16-1	12/13/1995	3:30	18.68	7.95	45.90	29.80	84.50	6.57	12.0
16-1	12/13/1995	3:45	18.75	7.97	45.90	29.80	85.30	6.62	12.1
16-1	12/13/1995	4:00	18.71	7.96	45.90	29.80	85.00	6.60	12.1
16-1	12/13/1995	4:15	18.68	7.97	45.90	29.80	84.60	6.58	12.1
16-1	12/13/1995	4:30	18.59	7.95	45.90	29.80	84.00	6.54	12.1
16-1	12/13/1995	4:45	18.59	7.97	45.90	29.80	83.80	6.53	12.1
16-1	12/13/1995	5:00	18.61	7.96	45.90	29.80	84.20	6.55	12.1
16-1	12/13/1995	5:15	18.54	7.96	45.80	29.80	83.40	6.50	12.1
16-1	12/13/1995	5:30	18.57	7.96	45.90	29.80	83.70	6.52	12.1
16-1	12/13/1995	5:45	18.61	7.95	45.90	29.80	83.90	6.53	12.1
16-1	12/13/1995	6:00	18.45	7.94	45.90	29.80	83.30	6.50	12.1
16-1	12/13/1995	6:15	18.44	7.94	45.90	29.80	82.80	6.46	12.0
16-1	12/13/1995	6:30	18.42	7.95	45.70	29.70	82.50	6.45	12.0
16-1	12/13/1995	6:45	18.25	7.95	45.60	29.60	81.50	6.39	12.0
16-1	12/13/1995	7:00	18.35	7.95	45.60	29.60	82.10	6.43	12.0
16-1	12/13/1995	7:15	18.28	7.94	45.60	29.60	80.90	6.35	12.0
16-1	12/13/1995	7:30	18.18	7.95	45.50	29.50	80.80	6.35	12.0
16-1	12/13/1995	7:45	18.15	7.96	45.50	29.50	81.20	6.39	12.0

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
16-1	12/13/1995	8:00	18.04	7.97	45.50	29.50	81.20	6.40	12.2
16-1	12/13/1995	8:15	17.96	7.96	45.40	29.50	81.60	6.44	12.0
16-1	12/13/1995	8:30	17.81	7.97	45.20	29.30	81.70	6.48	12.0
16-1	12/13/1995	8:45	17.82	7.96	45.20	29.30	81.60	6.47	12.0
16-1	12/13/1995	9:00	17.91	7.96	45.20	29.30	80.80	6.39	12.0
16-1	12/13/1995	9:15	17.82	7.96	45.20	29.30	80.90	6.41	12.0
16-1	12/13/1995	9:30	17.81	7.96	45.10	29.30	80.50	6.38	12.0
16-1	12/13/1995	9:45	17.81	7.96	45.10	29.20	80.30	6.37	12.0
16-1	12/13/1995	10:00	17.86	7.95	45.00	29.10	79.70	6.32	12.0
16-1	12/13/1995	10:15	17.86	7.95	44.80	29.00	79.50	6.31	12.0
16-1	12/13/1995	10:30	17.89	7.93	44.70	29.00	79.10	6.28	12.0
16-1	12/13/1995	10:45	17.91	7.93	44.60	28.90	78.60	6.24	12.0
16-1	12/13/1995	11:00	17.91	7.94	44.60	28.80	78.80	6.25	12.0
16-1	12/13/1995	11:15	17.94	7.92	44.50	28.80	78.50	6.23	12.0
16-1	12/13/1995	11:30	17.96	7.94	44.40	28.70	79.10	6.28	12.0
16-1	12/13/1995	11:45	18.01	7.92	44.30	28.70	79.30	6.28	12.0
16-1	12/13/1995	12:00	18.08	7.92	44.10	28.50	79.40	6.29	12.0
16-1	12/13/1995	12:15	18.06	7.92	43.90	28.40	79.30	6.29	12.0
16-1	12/13/1995	12:30	18.16	7.93	43.90	28.40	80.50	6.38	12.0
16-1	12/13/1995	12:45	18.15	7.96	43.80	28.30	81.20	6.43	12.0
16-1	12/13/1995	13:00	18.37	7.91	43.80	28.30	83.00	6.55	12.0
16-1	12/13/1995	13:15	18.36	7.93	43.90	28.40	83.60	6.59	12.0
16-1	12/13/1995	13:30	18.51	7.95	44.20	28.60	84.40	6.63	12.0
16-1	12/13/1995	13:45	18.45	7.97	44.30	28.60	86.50	6.80	12.0
16-1	12/13/1995	14:00	18.49	7.97	44.50	28.80	85.60	6.72	12.0
16-1	12/13/1995	14:15	18.63	7.97	44.60	28.90	86.70	6.79	12.0
16-1	12/13/1995	14:30	18.71	7.99	44.80	29.00	87.70	6.84	12.0
16-1	12/13/1995	14:45	18.85	7.99	44.80	29.10	89.10	6.93	12.0
16-1	12/13/1995	15:00	19.18	8.01	45.30	29.40	91.00	7.02	12.0
16-1	12/13/1995	15:15	19.33	8.02	45.40	29.40	91.10	7.01	12.0
16-1	12/13/1995	15:30	19.40	8.03	45.50	29.60	92.80	7.12	12.0
16-1	12/13/1995	15:45	19.45	8.04	45.50	29.50	91.80	7.04	12.0
16-1	12/13/1995	16:00	19.47	8.04	45.60	29.60	93.00	7.13	12.0
16-1	12/13/1995	16:15	19.47	8.04	45.60	29.60	91.90	7.04	11.8
16-1	12/13/1995	16:30	19.43	8.04	45.60	29.60	92.80	7.12	12.0

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
10-1	02\13\95	915	16.35	7.94	49.0	32.1	91.3	7.33	15.0
10-1	02\13\95	930	16.33	7.95	49.1	32.1	93.8	7.53	15.0
10-1	02\13\95	945	16.31	7.98	49.1	32.2	94.0	7.55	15.0
10-1	02\13\95	1000	16.29	7.98	49.2	32.2	93.8	7.54	15.0
10-1	02\13\95	1015	16.20	7.97	49.3	32.3	94.4	7.59	15.0
10-1	02\13\95	1030	16.21	7.96	49.3	32.3	94.8	7.62	15.0
10-1	02\13\95	1045	16.23	7.97	49.3	32.3	94.9	7.63	14.9
10-1	02\13\95	1100	16.23	7.97	49.3	32.3	94.9	7.63	14.8
10-1	02\13\95	1115	16.24	7.98	49.4	32.3	94.9	7.63	14.9
10-1	02\13\95	1130	16.26	7.97	49.3	32.3	94.9	7.62	14.9
10-1	02\13\95	1145	16.27	7.97	49.4	32.4	95.2	7.64	14.9
10-1	02\13\95	1200	16.30	7.97	49.4	32.4	94.3	7.57	14.9
10-1	02\13\95	1215	16.36	7.95	49.4	32.4	94.7	7.59	14.9
10-1	02\13\95	1230	16.38	7.96	49.4	32.4	95.4	7.64	14.7
10-1	02\13\95	1245	16.44	7.96	49.4	32.4	95.5	7.64	14.8
10-1	02\13\95	1300	16.45	7.97	49.4	32.4	95.8	7.66	14.8
10-1	02\13\95	1315	16.47	7.97	49.4	32.4	96.8	7.74	14.8
10-1	02\13\95	1330	16.49	7.98	49.4	32.4	97.4	7.79	14.8
10-1	02\13\95	1345	16.52	7.99	49.4	32.4	97.6	7.80	14.8
10-1	02\13\95	1400	16.55	8.00	49.3	32.3	97.7	7.80	14.7
10-1	02\13\95	1415	16.57	8.00	49.3	32.3	98.3	7.85	14.7
10-1	02\13\95	1430	16.55	8.01	49.3	32.3	98.5	7.87	14.7
10-1	02\13\95	1445	16.58	8.01	49.3	32.3	98.9	7.89	14.7
10-1	02\13\95	1500	16.60	8.00	49.3	32.3	99.4	7.93	14.7
10-1	02\13\95	1515	16.66	8.02	49.2	32.2	99.7	7.95	14.7
10-1	02\13\95	1530	16.67	8.03	49.2	32.2	100.2	7.99	14.7
10-1	02\13\95	1545	16.69	8.05	49.2	32.2	100.1	7.98	14.7
10-1	02\13\95	1600	16.69	8.05	49.2	32.2	100.3	7.99	14.6
10-1	02\13\95	1615	16.65	8.05	49.2	32.2	100.1	7.98	14.6
10-1	02\13\95	1630	16.68	8.04	49.2	32.2	100.3	7.99	14.6
10-1	02\13\95	1645	16.68	8.04	49.2	32.2	100.3	7.99	14.6
10-1	02\13\95	1700	16.62	8.04	49.3	32.3	100.5	8.02	14.6
10-1	02\13\95	1715	16.66	8.04	49.2	32.2	100.4	8.01	14.5
10-1	02\13\95	1730	16.64	8.05	49.3	32.3	100.3	8.00	14.6
10-1	02\13\95	1745	16.65	8.05	49.2	32.3	100.3	7.99	14.6
10-1	02\13\95	1800	16.62	8.05	49.3	32.3	100.2	8.00	14.6
10-1	02\13\95	1815	16.60	8.05	49.3	32.3	100.1	7.99	14.5
10-1	02\13\95	1830	16.60	8.05	49.2	32.3	100.0	7.98	14.5
10-1	02\13\95	1845	16.58	8.05	49.3	32.3	100.1	7.99	14.5
10-1	02\13\95	1900	16.55	8.04	49.3	32.3	99.9	7.98	14.5
10-1	02\13\95	1915	16.55	8.04	49.3	32.3	99.3	7.93	14.5
10-1	02\13\95	1930	16.52	8.04	49.3	32.3	98.8	7.90	14.4
10-1	02\13\95	1945	16.50	8.04	49.2	32.2	98.7	7.90	14.5
10-1	02\13\95	2000	16.52	8.03	49.2	32.2	98.4	7.87	14.4
10-1	02\13\95	2015	16.52	8.03	49.2	32.2	98.2	7.85	14.4
10-1	02\13\95	2030	16.52	8.03	49.1	32.2	97.8	7.82	14.4
10-1	02\13\95	2045	16.53	8.03	49.1	32.2	97.4	7.79	14.4
10-1	02\13\95	2100	16.53	8.03	49.2	32.2	97.3	7.77	14.4
10-1	02\13\95	2115	16.52	8.03	49.1	32.2	97.2	7.77	14.4
10-1	02\13\95	2130	16.52	8.03	49.1	32.2	96.9	7.75	14.5
10-1	02\13\95	2145	16.54	8.03	49.1	32.2	96.2	7.69	14.4
10-1	02\13\95	2200	16.55	8.03	49.1	32.2	96.0	7.67	14.4
10-1	02\13\95	2215	16.53	8.03	49.2	32.2	95.6	7.64	14.3
10-1	02\13\95	2230	16.52	8.03	49.1	32.2	95.5	7.64	14.3
10-1	02\13\95	2245	16.50	8.03	49.2	32.2	95.0	7.60	14.3
10-1	02\13\95	2300	16.49	8.03	49.3	32.3	94.5	7.55	14.3

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
10-1	02\13\95	2315	16.47	8.03	49.3	32.3	94.5	7.56	14.3
10-1	02\13\95	2330	16.47	8.03	49.3	32.3	94.7	7.57	14.3
10-1	02\13\95	2345	16.46	8.03	49.3	32.3	94.4	7.55	14.3
10-1	02\14\95	0	16.48	8.03	49.3	32.3	94.9	7.59	14.3
10-1	02\14\95	015	16.46	8.03	49.3	32.3	95.0	7.60	14.3
10-1	02\14\95	030	16.44	8.03	49.3	32.3	95.1	7.61	14.2
10-1	02\14\95	045	16.45	8.03	49.3	32.3	94.6	7.57	14.2
10-1	02\14\95	100	16.44	8.03	49.3	32.3	94.9	7.60	14.2
10-1	02\14\95	115	16.49	8.03	49.1	32.2	94.5	7.56	14.2
10-1	02\14\95	130	16.50	8.03	49.1	32.2	94.7	7.58	14.2
10-1	02\14\95	145	16.50	8.03	49.1	32.2	94.4	7.55	14.2
10-1	02\14\95	200	16.49	8.03	49.1	32.1	94.5	7.56	14.2
10-1	02\14\95	215	16.52	8.03	49.1	32.1	94.0	7.52	14.2
10-1	02\14\95	230	16.53	8.03	49.0	32.1	94.0	7.52	14.2
10-1	02\14\95	245	16.52	8.03	49.0	32.1	93.7	7.50	14.1
10-1	02\14\95	300	16.55	8.03	48.9	32.0	93.3	7.47	14.1
10-1	02\14\95	315	16.60	8.03	48.8	31.9	92.3	7.38	14.1
10-1	02\14\95	330	16.57	8.03	48.8	32.0	91.6	7.33	14.1
10-1	02\14\95	345	16.60	8.03	48.8	31.9	91.1	7.28	14.2
10-1	02\14\95	400	16.60	8.03	48.8	32.0	91.2	7.29	14.1
10-1	02\14\95	415	16.59	8.03	48.8	32.0	91.0	7.28	14.1
10-1	02\14\95	430	16.57	8.03	48.9	32.0	90.7	7.26	14.1
10-1	02\14\95	445	16.55	8.03	48.9	32.0	90.3	7.23	14.1
10-1	02\14\95	500	16.55	8.04	48.9	32.0	90.2	7.22	14.1
10-1	02\14\95	515	16.58	8.04	48.9	32.0	90.1	7.20	14.1
10-1	02\14\95	530	16.58	8.04	48.8	31.9	89.9	7.19	14.1
10-1	02\14\95	545	16.55	8.05	48.9	32.0	89.6	7.17	14.0
10-1	02\14\95	600	16.57	8.05	48.9	32.0	89.1	7.13	14.0
10-1	02\14\95	615	16.57	8.05	48.9	32.0	88.5	7.08	14.0
10-1	02\14\95	630	16.57	8.05	48.9	32.0	88.3	7.07	14.0
10-1	02\14\95	645	16.55	8.05	48.8	32.0	88.3	7.06	14.0
10-1	02\14\95	700	16.55	8.05	48.9	32.0	88.1	7.05	14.0
10-1	02\14\95	715	16.54	8.05	49.0	32.1	88.6	7.09	14.0
10-1	02\14\95	730	16.55	8.05	48.9	32.0	88.8	7.11	13.9
10-1	02\14\95	745	16.52	8.05	49.0	32.1	89.1	7.13	14.0
10-1	02\14\95	800	16.44	8.04	49.1	32.1	88.9	7.13	14.0
10-1	02\14\95	815	16.44	8.04	49.1	32.1	88.0	7.06	14.0
10-1	02\14\95	830	16.46	8.04	49.1	32.1	88.5	7.09	13.9
10-1	02\14\95	845	16.44	8.04	49.1	32.1	88.6	7.10	13.9
10-1	02\14\95	900	16.44	8.03	49.1	32.2	88.3	7.08	13.9
10-1	02\14\95	915	16.45	8.03	49.1	32.2	88.6	7.09	13.9
10-1	02\14\95	930	16.45	8.03	49.1	32.2	88.3	7.07	13.9
10-1	02\14\95	945	16.47	8.02	49.1	32.2	88.8	7.11	13.9
10-1	02\14\95	1000	16.49	8.02	49.1	32.2	89.5	7.16	13.8
10-1	02\14\95	1015	16.52	8.01	49.1	32.2	89.6	7.16	13.9
10-1	02\14\95	1030	16.54	8.01	49.2	32.2	90.4	7.23	13.9
10-1	02\14\95	1045	16.60	8.01	49.2	32.2	90.5	7.22	13.9
10-1	02\14\95	1100	16.65	8.01	49.2	32.2	91.2	7.27	13.9
10-1	02\14\95	1115	16.70	8.01	49.2	32.3	92.2	7.34	13.9
10-1	02\14\95	1130	16.70	8.01	49.2	32.3	92.4	7.36	13.9
10-1	02\14\95	1145	16.68	8.01	49.2	32.3	92.9	7.40	13.8
10-1	02\14\95	1200	16.69	8.02	49.3	32.3	93.3	7.43	13.9
10-1	02\14\95	1215	16.81	8.01	49.3	32.3	92.8	7.37	13.9
10-1	02\14\95	1230	16.79	8.02	49.3	32.3	93.6	7.44	13.9
10-1	02\14\95	1245	16.77	8.01	49.3	32.3	94.1	7.48	13.8
10-1	02\14\95	1300	16.78	8.01	49.2	32.3	94.1	7.49	13.8

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
10-1	02\14\95	1315	16.80	8.01	49.2	32.3	94.1	7.48	13.8
10-1	02\14\95	1330	16.78	8.02	49.2	32.3	94.3	7.50	13.8
10-1	02\14\95	1345	16.81	8.02	49.3	32.3	95.1	7.56	13.8
10-1	02\14\95	1400	17.01	8.03	49.2	32.3	95.5	7.56	13.9
10-1	02\14\95	1415	16.97	8.03	49.2	32.2	96.0	7.61	13.8
10-1	02\14\95	1430	16.99	8.03	49.2	32.2	96.4	7.63	13.8
10-1	02\14\95	1445	17.09	8.03	49.2	32.2	96.8	7.65	13.8
10-1	02\14\95	1500	17.13	8.03	49.2	32.3	97.1	7.67	13.8
10-1	02\14\95	1515	17.20	8.03	49.2	32.2	97.4	7.68	13.8
10-1	02\14\95	1530	17.38	8.02	49.2	32.2	98.4	7.73	13.8
10-1	02\14\95	1545	17.29	8.02	49.2	32.2	98.8	7.78	13.8
10-1	02\14\95	1600	17.10	8.02	49.2	32.2	98.9	7.82	13.8
10-1	02\14\95	1615	17.94	8.04	48.8	32.0	95.6	7.44	13.8
10-1	02\14\95	1630	18.60	8.03	48.8	32.0	95.4	7.33	13.8
14-5	03\14\95	8:45	19.80	7.70	48.60	31.80	96.70	7.27	13.9
14-5	03\14\95	9:00	19.82	7.71	48.90	32.00	95.70	7.18	13.9
14-5	03\14\95	9:15	19.87	7.74	49.00	32.10	97.00	7.26	13.9
14-5	03\14\95	9:30	19.92	7.75	49.00	32.10	97.10	7.26	13.9
14-5	03\14\95	9:45	19.96	7.76	49.30	32.30	98.90	7.38	13.9
14-5	03\14\95	10:00	20.03	7.76	49.60	32.50	101.50	7.56	13.9
14-5	03\14\95	10:15	20.12	7.77	49.80	32.70	103.00	7.65	13.9
14-5	03\14\95	10:30	20.20	7.78	49.80	32.60	104.40	7.74	13.8
14-5	03\14\95	10:45	20.29	7.79	49.80	32.70	106.30	7.87	13.8
14-5	03\14\95	11:00	20.34	7.79	49.90	32.80	106.60	7.88	13.8
14-5	03\14\95	11:15	20.43	7.79	50.00	32.80	108.60	8.01	13.8
14-5	03\14\95	11:30	20.48	7.79	50.10	32.90	109.60	8.07	13.8
14-5	03\14\95	11:45	20.62	7.80	50.10	32.90	111.20	8.17	13.8
14-5	03\14\95	12:00	20.60	7.80	50.20	32.90	111.30	8.18	13.8
14-5	03\14\95	12:15	20.57	7.80	50.30	33.00	111.10	8.16	13.8
14-5	03\14\95	12:30	20.55	7.80	50.30	33.10	111.90	8.23	13.7
14-5	03\14\95	12:45	20.64	7.81	50.30	33.10	113.50	8.33	13.5
14-5	03\14\95	13:00	20.79	7.82	50.40	33.10	118.30	8.65	13.7
14-5	03\14\95	13:15	21.06	7.84	50.00	32.80	119.90	8.74	13.7
14-5	03\14\95	13:30	21.07	7.84	50.10	32.90	116.20	8.46	13.8
14-5	03\14\95	13:45	21.16	7.85	50.10	32.90	119.20	8.67	13.7
14-5	03\14\95	14:00	21.18	7.86	50.00	32.80	120.80	8.78	13.7
14-5	03\14\95	14:15	21.32	7.88	49.90	32.70	123.60	8.97	13.7
14-5	03\14\95	14:30	21.39	7.89	49.80	32.70	128.80	9.34	13.8
14-5	03\14\95	14:45	21.48	7.92	49.70	32.60	133.70	9.68	13.7
14-5	03\14\95	15:00	21.49	7.90	49.70	32.60	127.10	9.20	13.7
14-5	03\14\95	15:15	21.53	7.92	49.70	32.60	132.70	9.60	13.7
14-5	03\14\95	15:30	21.62	7.93	49.60	32.50	135.70	9.80	13.7
14-5	03\14\95	15:45	21.71	7.93	49.60	32.50	136.60	9.86	13.7
14-5	03\14\95	16:00	21.79	7.93	49.40	32.40	131.60	9.48	13.7
14-5	03\14\95	16:15	21.85	7.94	49.40	32.40	133.80	9.63	13.7
14-5	03\14\95	16:30	21.87	7.95	49.20	32.20	132.70	9.56	13.7
14-5	03\14\95	16:45	21.87	7.95	49.20	32.20	133.40	9.61	13.6
14-5	03\14\95	17:00	21.87	7.95	49.20	32.20	131.60	9.48	13.6
14-5	03\14\95	17:15	21.88	7.96	49.20	32.20	132.30	9.52	13.6
14-5	03\14\95	17:30	21.90	7.97	49.10	32.10	133.80	9.64	13.6
14-5	03\14\95	17:45	21.83	7.96	49.20	32.20	133.30	9.60	13.6
14-5	03\14\95	18:00	21.85	7.96	49.30	32.30	135.40	9.75	13.6
14-5	03\14\95	18:15	21.92	7.95	49.20	32.20	131.50	9.46	13.6
14-5	03\14\95	18:30	22.01	7.96	49.30	32.30	133.10	9.56	13.6
14-5	03\14\95	18:45	21.99	7.95	49.30	32.30	129.50	9.30	13.6
14-5	03\14\95	19:00	21.97	7.96	49.50	32.40	131.00	9.41	13.6

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
14-5	03\14\95	19:15	21.92	7.97	49.80	32.60	133.60	9.59	13.6
14-5	03\14\95	19:30	21.88	7.97	49.90	32.70	132.90	9.54	13.6
14-5	03\14\95	19:45	21.85	7.96	49.90	32.80	131.50	9.45	13.7
14-5	03\14\95	20:00	21.65	7.95	50.20	33.00	129.50	9.32	13.6
14-5	03\14\95	20:15	21.57	7.95	50.20	32.90	127.10	9.17	13.6
14-5	03\14\95	20:30	21.51	7.95	50.20	33.00	125.40	9.05	13.5
14-5	03\14\95	20:45	21.42	7.94	50.40	33.10	124.50	9.00	13.5
14-5	03\14\95	21:00	21.35	7.94	50.50	33.20	123.20	8.91	13.5
14-5	03\14\95	21:15	21.23	7.94	50.60	33.30	122.40	8.87	13.5
14-5	03\14\95	21:30	21.20	7.94	50.60	33.30	121.70	8.82	13.5
14-5	03\14\95	21:45	21.16	7.93	50.70	33.30	120.90	8.76	13.5
14-5	03\14\95	22:00	21.11	7.93	50.90	33.50	120.90	8.77	13.6
14-5	03\14\95	22:15	21.06	7.94	50.90	33.50	121.00	8.78	13.5
14-5	03\14\95	22:30	21.02	7.93	51.00	33.60	120.40	8.74	13.5
14-5	03\14\95	22:45	20.97	7.93	51.10	33.60	120.40	8.75	13.5
14-5	03\14\95	23:00	20.93	7.93	51.10	33.60	119.50	8.68	13.5
14-5	03\14\95	23:15	20.90	7.93	51.10	33.60	117.90	8.58	13.5
14-5	03\14\95	23:30	20.85	7.93	51.10	33.60	118.00	8.59	13.5
14-5	03\14\95	23:45	20.81	7.92	51.10	33.60	116.70	8.50	13.5
14-5	03\15\95	0:00	20.76	7.92	51.10	33.60	116.00	8.46	13.4
14-5	03\15\95	0:15	20.74	7.92	51.20	33.70	116.00	8.46	13.4
14-5	03\15\95	0:30	20.72	7.92	51.20	33.70	116.00	8.46	13.4
14-5	03\15\95	0:45	20.72	7.93	51.00	33.50	116.40	8.50	13.4
14-5	03\15\95	1:00	20.76	7.93	51.00	33.60	116.10	8.47	13.4
14-5	03\15\95	1:15	20.76	7.92	51.00	33.60	113.50	8.28	13.4
14-5	03\15\95	1:30	20.85	7.92	50.80	33.40	112.10	8.17	13.4
14-5	03\15\95	1:45	20.83	7.92	50.70	33.30	110.60	8.07	13.2
14-5	03\15\95	2:00	20.83	7.92	50.70	33.40	110.50	8.06	13.4
14-5	03\15\95	2:15	20.81	7.91	50.70	33.30	109.10	7.97	13.4
14-5	03\15\95	2:30	20.81	7.91	50.50	33.20	107.70	7.87	13.4
14-5	03\15\95	2:45	20.79	7.91	50.40	33.10	106.40	7.78	13.4
14-5	03\15\95	3:00	20.88	7.92	50.20	32.90	107.30	7.84	13.4
14-5	03\15\95	3:15	20.90	7.93	50.00	32.80	107.70	7.88	13.4
14-5	03\15\95	3:30	20.90	7.93	49.90	32.80	107.90	7.89	13.4
14-5	03\15\95	3:45	20.88	7.93	49.90	32.80	107.30	7.85	13.4
14-5	03\15\95	4:00	20.88	7.93	49.90	32.70	106.70	7.81	13.4
14-5	03\15\95	4:15	20.86	7.93	49.70	32.60	106.30	7.79	13.3
14-5	03\15\95	4:30	20.86	7.93	49.80	32.70	106.00	7.76	13.4
14-5	03\15\95	4:45	20.85	7.93	49.70	32.60	105.30	7.71	13.3
14-5	03\15\95	5:00	20.83	7.93	49.60	32.50	104.90	7.69	13.3
14-5	03\15\95	5:15	20.81	7.93	49.50	32.50	104.50	7.67	13.3
14-5	03\15\95	5:30	20.81	7.93	49.50	32.50	103.60	7.60	13.3
14-5	03\15\95	5:45	20.78	7.93	49.60	32.50	103.10	7.57	13.3
14-5	03\15\95	6:00	20.78	7.93	49.50	32.50	102.10	7.50	13.3
14-5	03\15\95	6:15	20.74	7.93	49.50	32.50	101.20	7.43	13.3
14-5	03\15\95	6:30	20.72	7.92	49.60	32.50	100.50	7.38	13.3
14-5	03\15\95	6:45	20.71	7.92	49.50	32.50	100.50	7.39	13.3
14-5	03\15\95	7:00	20.67	7.92	49.50	32.50	101.10	7.44	13.3
14-5	03\15\95	7:15	20.69	7.91	49.60	32.50	100.30	7.37	13.3
14-5	03\15\95	7:30	20.64	7.90	49.60	32.50	99.70	7.33	13.3
14-5	03\15\95	7:45	20.60	7.89	49.70	32.60	98.70	7.27	13.3
14-5	03\15\95	8:00	20.65	7.89	49.60	32.50	97.90	7.20	13.3
14-5	03\15\95	8:15	20.64	7.88	49.40	32.40	96.50	7.11	13.3
14-5	03\15\95	8:30	20.57	7.87	49.70	32.60	96.50	7.10	13.3
14-5	03\15\95	8:45	20.50	7.85	49.80	32.70	95.70	7.06	13.3
14-5	03\15\95	9:00	20.45	7.85	50.10	32.90	95.80	7.06	13.3

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
14-5	03\15\95	9:15	20.45	7.84	50.20	33.00	96.80	7.13	13.2
14-5	03\15\95	9:30	20.45	7.84	50.20	33.00	97.90	7.22	13.2
14-5	03\15\95	9:45	20.45	7.85	50.30	33.10	99.00	7.29	13.2
14-5	03\15\95	10:00	20.39	7.84	50.50	33.20	100.00	7.37	13.3
14-5	03\15\95	10:15	20.41	7.84	50.50	33.20	102.00	7.51	13.2
14-5	03\15\95	10:30	20.45	7.84	50.60	33.30	103.40	7.60	13.2
14-5	03\15\95	10:45	20.45	7.84	50.70	33.30	105.30	7.74	13.2
14-5	03\15\95	11:00	20.43	7.84	50.80	33.40	105.50	7.76	13.2
14-5	03\15\95	11:15	20.50	7.84	50.80	33.40	106.70	7.83	13.2
14-5	03\15\95	11:30	20.46	7.84	50.90	33.50	107.40	7.89	13.2
14-5	03\15\95	11:45	20.46	7.84	51.00	33.60	107.00	7.85	13.2
14-5	03\15\95	12:00	20.50	7.85	51.00	33.50	108.40	7.95	13.2
14-5	03\15\95	12:15	20.45	7.85	51.00	33.60	108.70	7.98	13.2
14-5	03\15\95	12:30	20.48	7.85	51.00	33.60	108.80	7.98	13.2
14-5	03\15\95	12:45	20.79	7.88	50.70	33.30	114.00	8.32	13.2
14-5	03\15\95	13:00	20.55	7.86	51.10	33.60	116.30	8.52	13.2
14-5	03\15\95	13:15	20.57	7.87	51.00	33.60	110.80	8.11	13.2
14-5	03\15\95	13:30	20.57	7.87	51.10	33.60	111.60	8.17	13.1
14-5	03\15\95	13:45	20.55	7.87	51.00	33.60	114.00	8.35	13.2
14-5	03\15\95	14:00	20.62	7.88	51.00	33.50	114.80	8.40	13.2
ML-1	04\17\95	8:30	25.64	7.19	6.030	3.30	81.30	6.50	13.3
ML-1	04\17\95	8:45	25.86	7.17	5.860	3.20	80.90	6.45	13.3
ML-1	04\17\95	9:00	25.90	7.19	5.980	3.30	82.10	6.53	13.2
ML-1	04\17\95	9:15	25.86	7.19	5.790	3.20	82.20	6.54	13.2
ML-1	04\17\95	9:30	25.91	7.20	5.280	2.90	83.30	6.64	13.2
ML-1	04\17\95	9:45	25.95	7.20	4.960	2.70	83.40	6.65	13.2
ML-1	04\17\95	10:00	26.01	7.20	4.910	2.70	84.20	6.71	13.2
ML-1	04\17\95	10:15	26.24	7.22	4.870	2.70	84.90	6.74	13.2
ML-1	04\17\95	10:30	26.27	7.22	4.560	2.50	86.20	6.85	13.2
ML-1	04\17\95	10:45	26.40	7.23	4.280	2.30	86.70	6.88	13.2
ML-1	04\17\95	11:00	26.46	7.22	4.050	2.20	87.10	6.91	13.2
ML-1	04\17\95	11:15	26.57	7.24	3.770	2.00	87.40	6.92	13.1
ML-1	04\17\95	11:30	26.69	7.24	3.530	1.90	87.20	6.90	13.1
ML-1	04\17\95	11:45	26.75	7.25	3.370	1.80	88.30	6.98	13.1
ML-1	04\17\95	12:00	26.86	7.26	3.480	1.90	89.10	7.03	13.1
ML-1	04\17\95	12:15	26.57	7.24	4.320	2.40	88.30	6.98	13.1
ML-1	04\17\95	12:30	26.96	7.27	4.310	2.40	92.10	7.23	13.1
ML-1	04\17\95	12:45	27.06	7.29	4.480	2.50	91.40	7.16	13.1
ML-1	04\17\95	13:00	26.97	7.30	4.710	2.60	92.10	7.22	13.1
ML-1	04\17\95	13:15	26.70	7.27	4.740	2.60	90.50	7.12	13.1
ML-1	04\17\95	13:30	26.98	7.28	5.580	3.10	92.50	7.23	13.1
ML-1	04\17\95	13:45	26.97	7.28	6.010	3.30	92.80	7.24	13.1
ML-1	04\17\95	14:00	27.15	7.30	6.440	3.60	92.40	7.18	13.0
ML-1	04\17\95	14:15	27.35	7.34	6.870	3.80	97.20	7.50	13.0
ML-1	04\17\95	14:30	27.49	7.35	7.190	4.00	97.50	7.50	13.0
ML-1	04\17\95	14:45	27.68	7.38	7.560	4.20	98.80	7.56	13.0
ML-1	04\17\95	15:00	27.76	7.40	7.750	4.30	101.00	7.72	13.0
ML-1	04\17\95	15:15	27.79	7.41	8.100	4.50	101.00	7.71	13.0
ML-1	04\17\95	15:30	27.81	7.42	8.450	4.70	100.40	7.65	13.0
ML-1	04\17\95	15:45	27.80	7.42	8.870	5.00	100.20	7.62	13.0
ML-1	04\17\95	16:00	27.78	7.43	9.180	5.20	101.10	7.69	13.0
ML-1	04\17\95	16:15	27.74	7.43	9.510	5.40	100.50	7.63	13.0
ML-1	04\17\95	16:30	27.72	7.43	9.900	5.60	99.70	7.57	13.0
ML-1	04\17\95	16:45	27.73	7.43	10.180	5.80	99.60	7.54	13.0
ML-1	04\17\95	17:00	27.72	7.44	10.430	5.90	98.70	7.47	13.0
ML-1	04\17\95	17:15	27.72	7.44	10.660	6.10	98.00	7.41	12.9

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
ML-1	04/17/95	17:30	27.72	7.44	10.840	6.20	96.40	7.29	12.9
ML-1	04/17/95	17:45	27.73	7.44	10.970	6.20	97.30	7.35	12.9
ML-1	04/17/95	18:00	27.68	7.44	10.900	6.20	97.90	7.41	12.9
ML-1	04/17/95	18:15	27.64	7.44	9.880	5.60	98.90	7.51	13.0
ML-1	04/17/95	18:30	27.65	7.44	9.350	5.30	99.30	7.56	12.9
ML-1	04/17/95	18:45	27.64	7.43	9.380	5.30	97.30	7.41	12.9
ML-1	04/17/95	19:00	27.66	7.42	9.200	5.20	95.30	7.26	12.9
ML-1	04/17/95	19:15	27.58	7.42	9.020	5.10	93.90	7.16	12.9
ML-1	04/17/95	19:30	27.59	7.42	8.810	4.90	96.20	7.34	12.9
ML-1	04/17/95	19:45	27.52	7.41	8.310	4.70	94.70	7.25	12.9
ML-1	04/17/95	20:00	27.60	7.40	7.980	4.50	95.20	7.29	12.9
ML-1	04/17/95	20:15	27.60	7.39	7.940	4.40	91.00	6.97	12.9
ML-1	04/17/95	20:30	27.49	7.37	7.600	4.20	90.90	6.99	12.9
ML-1	04/17/95	20:45	27.43	7.36	7.320	4.10	89.10	6.86	12.9
ML-1	04/17/95	21:00	27.34	7.34	6.950	3.90	88.80	6.85	12.9
ML-1	04/17/95	21:15	27.28	7.32	6.600	3.70	88.40	6.84	12.9
ML-1	04/17/95	21:30	27.29	7.32	6.220	3.40	89.10	6.91	12.9
ML-1	04/17/95	21:45	27.30	7.32	5.930	3.30	88.90	6.89	12.9
ML-1	04/17/95	22:00	27.28	7.31	5.650	3.10	87.80	6.82	12.8
ML-1	04/17/95	22:15	27.20	7.30	5.360	2.90	87.00	6.78	12.8
ML-1	04/17/95	22:30	27.16	7.29	5.090	2.80	86.30	6.73	12.8
ML-1	04/17/95	22:45	27.15	7.29	4.720	2.60	85.60	6.68	12.8
ML-1	04/17/95	23:00	27.09	7.28	4.450	2.40	84.30	6.60	12.8
ML-1	04/17/95	23:15	27.06	7.27	4.170	2.30	83.40	6.54	12.8
ML-1	04/17/95	23:30	27.03	7.27	3.860	2.10	83.20	6.54	12.8
ML-1	04/17/95	23:45	26.95	7.26	3.590	1.90	82.30	6.48	12.8
ML-1	04/18/95	0:00	26.92	7.25	3.300	1.80	82.00	6.47	12.8
ML-1	04/18/95	0:15	26.84	7.24	3.080	1.70	80.60	6.37	12.8
ML-1	04/18/95	0:30	26.81	7.24	2.840	1.50	79.80	6.31	12.8
ML-1	04/18/95	0:45	26.74	7.23	2.600	1.40	79.90	6.34	12.8
ML-1	04/18/95	1:00	26.69	7.23	2.380	1.30	79.50	6.31	12.8
ML-1	04/18/95	1:15	26.66	7.24	2.180	1.20	79.30	6.30	12.8
ML-1	04/18/95	1:30	26.66	7.24	1.970	1.00	79.50	6.33	12.8
ML-1	04/18/95	1:45	26.59	7.24	1.830	1.00	78.80	6.29	12.8
ML-1	04/18/95	2:00	26.55	7.23	1.700	0.90	79.10	6.32	12.8
ML-1	04/18/95	2:15	26.52	7.23	1.570	0.80	78.70	6.29	12.8
ML-1	04/18/95	2:30	26.48	7.23	1.530	0.80	77.60	6.21	12.8
ML-1	04/18/95	2:45	26.50	7.23	1.530	0.80	79.20	6.33	12.8
ML-1	04/18/95	3:00	26.46	7.22	1.510	0.80	77.20	6.18	12.7
ML-1	04/18/95	3:15	26.41	7.21	1.700	0.90	78.30	6.27	12.7
ML-1	04/18/95	3:30	26.50	7.20	1.950	1.00	78.80	6.29	12.7
ML-1	04/18/95	3:45	26.44	7.20	2.100	1.10	78.40	6.26	12.7
ML-1	04/18/95	4:00	26.42	7.19	2.240	1.20	76.90	6.14	12.7
ML-1	04/18/95	4:15	26.41	7.17	2.340	1.30	76.00	6.07	12.7
ML-1	04/18/95	4:30	26.38	7.16	2.480	1.30	75.40	6.02	12.7
ML-1	04/18/95	4:45	26.38	7.13	3.580	1.90	73.30	5.83	12.7
ML-1	04/18/95	5:00	26.38	7.12	3.710	2.00	72.40	5.75	12.7
ML-1	04/18/95	5:15	26.35	7.11	4.340	2.40	72.70	5.77	12.7
ML-1	04/18/95	5:30	26.31	7.10	5.120	2.80	70.20	5.56	12.7
ML-1	04/18/95	5:45	26.33	7.10	5.360	2.90	70.30	5.56	12.7
ML-1	04/18/95	6:00	26.25	7.10	5.840	3.20	66.60	5.26	12.7
ML-1	04/18/95	6:15	26.23	7.10	6.220	3.40	68.90	5.44	12.7
ML-1	04/18/95	6:30	26.25	7.11	6.400	3.50	68.70	5.42	12.7
ML-1	04/18/95	6:45	26.21	7.11	6.570	3.60	68.80	5.43	12.7
ML-1	04/18/95	7:00	26.21	7.12	6.750	3.70	69.10	5.45	12.7
ML-1	04/18/95	7:15	26.20	7.13	6.850	3.80	69.90	5.52	12.7

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
ML-1	04/18/95	7:30	26.14	7.14	7.010	3.90	71.50	5.64	12.7
ML-1	04/18/95	7:45	26.16	7.15	7.290	4.10	71.70	5.65	12.7
ML-1	04/18/95	8:00	26.16	7.15	7.420	4.10	72.50	5.71	12.7
ML-1	04/18/95	8:15	26.18	7.16	7.540	4.20	74.00	5.82	12.5
ML-1	04/18/95	8:30	26.18	7.16	7.620	4.30	74.00	5.82	12.7
ML-1	04/18/95	8:45	26.29	7.17	7.520	4.20	75.60	5.94	12.6
ML-1	04/18/95	9:00	26.37	7.17	7.190	4.00	76.30	5.99	12.6
ML-1	04/18/95	9:15	26.48	7.16	6.960	3.90	76.40	5.99	12.6
ML-1	04/18/95	9:30	26.59	7.20	6.810	3.80	77.40	6.06	12.7
ML-1	04/18/95	9:45	26.54	7.20	6.860	3.80	80.60	6.32	12.7
ML-1	04/18/95	10:00	26.71	7.22	6.790	3.80	84.10	6.57	12.6
ML-1	04/18/95	10:15	26.91	7.21	6.560	3.60	81.70	6.37	12.6
ML-1	04/18/95	10:30	27.01	7.21	6.310	3.50	84.20	6.56	12.7
ML-1	04/18/95	10:45	26.88	7.23	6.030	3.30	85.90	6.71	12.6
ML-1	04/18/95	11:00	27.13	7.23	5.980	3.30	87.30	6.79	12.6
ML-1	04/18/95	11:15	27.12	7.24	5.800	3.20	89.90	7.00	12.6
ML-1	04/18/95	11:30	27.28	7.25	5.890	3.30	91.40	7.10	12.6
ML-1	04/18/95	11:45	27.43	7.25	5.460	3.00	91.30	7.08	12.6
ML-1	04/18/95	12:00	27.58	7.27	5.550	3.10	93.70	7.24	12.6
ML-1	04/18/95	12:15	27.43	7.29	5.580	3.10	98.10	7.60	12.6
ML-1	04/18/95	12:30	26.98	7.27	5.390	3.00	91.30	7.14	12.6
ML-1	04/18/95	12:45	26.76	7.22	6.040	3.30	86.60	6.78	12.6
ML-1	04/18/95	13:00	27.13	7.26	5.720	3.20	94.40	7.35	12.6
ML-1	04/18/95	13:15	27.60	7.30	5.880	3.20	96.20	7.42	12.6
ML-1	04/18/95	13:30	27.62	7.32	6.140	3.40	99.50	7.67	12.6
ML-1	04/18/95	13:45	27.21	7.29	6.610	3.70	96.40	7.47	12.6
ML-1	04/18/95	14:00	27.53	7.29	7.150	4.00	97.00	7.46	12.6
ML-1	04/18/95	14:15	27.57	7.29	7.430	4.10	96.40	7.40	12.6
ML-1	04/18/95	14:30	27.73	7.29	7.720	4.30	96.90	7.41	12.6
ML-1	04/18/95	14:45	27.93	7.34	8.120	4.50	102.10	7.77	12.6
ML-1	04/18/95	15:00	28.04	7.34	8.380	4.70	102.10	7.75	12.6
ML-1	04/18/95	15:15	28.06	7.36	8.630	4.80	102.20	7.74	12.6
ML-1	04/18/95	15:30	28.20	7.40	8.930	5.00	104.50	7.89	12.6
ML-1	04/18/95	15:45	28.27	7.42	9.370	5.30	104.10	7.84	12.6
ML-1	04/18/95	16:00	28.19	7.43	9.750	5.50	102.60	7.72	12.6
14-5	05\16\95	7:45	29.63	7.72	48.70	31.80	89.40	5.61	15.6
14-5	05\16\95	8:00	29.69	7.75	48.80	32.00	90.30	5.66	15.6
14-5	05\16\95	8:15	29.71	7.77	48.80	32.00	91.50	5.74	15.5
14-5	05\16\95	8:30	29.75	7.78	48.80	32.00	91.80	5.75	15.4
14-5	05\16\95	8:45	29.77	7.79	48.80	32.00	82.50	5.17	15.4
14-5	05\16\95	9:00	29.85	7.78	48.90	32.00	93.10	5.82	15.4
14-5	05\16\95	9:15	29.89	7.79	48.90	32.00	94.10	5.88	15.4
14-5	05\16\95	9:30	29.93	7.79	49.00	32.10	94.50	5.90	15.4
14-5	05\16\95	9:45	29.99	7.79	48.90	32.00	95.20	5.94	15.2
14-5	05\16\95	10:00	30.05	7.79	48.90	32.00	97.70	6.09	15.3
14-5	05\16\95	10:15	30.09	7.78	49.00	32.10	99.50	6.20	15.3
14-5	05\16\95	10:30	30.13	7.80	48.90	32.00	101.30	6.31	15.3
14-5	05\16\95	10:45	30.18	7.81	48.90	32.00	103.00	6.40	15.3
14-5	05\16\95	11:00	30.20	7.81	48.90	32.00	102.80	6.39	15.3
14-5	05\16\95	11:15	30.15	7.79	48.80	32.00	97.80	6.08	15.4
14-5	05\16\95	11:30	30.13	7.77	48.90	32.00	92.20	5.74	15.2
14-5	05\16\95	11:45	30.20	7.78	48.90	32.00	93.90	5.84	15.2
14-5	05\16\95	12:00	30.26	7.78	48.90	32.00	96.80	6.02	15.2
14-5	05\16\95	12:15	30.34	7.79	48.90	32.00	99.30	6.16	15.2
14-5	05\16\95	12:30	30.42	7.80	48.90	32.00	102.50	6.35	15.2
14-5	05\16\95	12:45	30.50	7.81	48.90	32.00	104.20	6.44	15.2

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
14-5	05\16\95	13:00	30.56	7.82	48.90	32.00	107.30	6.63	15.1
14-5	05\16\95	13:15	30.62	7.83	48.90	32.00	112.00	6.91	15.1
14-5	05\16\95	13:30	30.68	7.83	48.80	32.00	110.90	6.84	15.1
14-5	05\16\95	13:45	30.74	7.83	48.90	32.00	108.80	6.71	15.1
14-5	05\16\95	14:00	30.89	7.85	48.80	31.90	117.90	7.25	15.1
14-5	05\16\95	14:15	30.90	7.85	48.80	31.90	119.90	7.37	15.1
14-5	05\16\95	14:30	30.80	7.84	48.90	32.00	121.70	7.49	15.1
14-5	05\16\95	14:45	30.76	7.85	48.90	32.00	121.10	7.46	14.9
14-5	05\16\95	15:00	30.86	7.84	48.90	32.00	120.80	7.43	15.0
14-5	05\16\95	15:15	30.99	7.85	48.80	32.00	121.00	7.43	15.1
14-5	05\16\95	15:30	31.01	7.84	48.70	31.90	117.40	7.20	15.0
14-5	05\16\95	15:45	31.07	7.85	48.60	31.80	117.50	7.21	15.0
14-5	05\16\95	16:00	31.12	7.86	48.50	31.80	118.70	7.28	15.0
14-5	05\16\95	16:15	31.13	7.87	48.50	31.70	104.10	6.38	15.0
14-5	05\16\95	16:30	31.15	7.87	48.50	31.70	117.00	7.17	15.0
14-5	05\16\95	16:45	31.17	7.87	48.40	31.60	114.30	7.01	14.9
14-5	05\16\95	17:00	31.19	7.88	48.30	31.60	100.40	6.16	14.9
14-5	05\16\95	17:15	31.21	7.88	48.30	31.60	103.70	6.35	14.9
14-5	05\16\95	17:30	31.23	7.89	48.20	31.50	115.80	7.10	14.8
14-5	05\16\95	17:45	31.21	7.90	48.20	31.50	115.90	7.10	14.9
14-5	05\16\95	18:00	31.19	7.93	48.10	31.50	118.80	7.29	14.9
14-5	05\16\95	18:15	31.19	7.94	48.10	31.40	103.70	6.36	14.9
14-5	05\16\95	18:30	31.17	7.94	48.00	31.40	120.50	7.40	14.8
14-5	05\16\95	18:45	31.13	7.95	48.00	31.30	122.40	7.52	14.8
14-5	05\16\95	19:00	31.13	7.96	47.90	31.30	125.20	7.69	14.8
14-5	05\16\95	19:15	31.13	7.96	47.90	31.30	121.20	7.45	14.8
14-5	05\16\95	19:30	31.09	7.96	47.90	31.30	118.50	7.29	14.8
14-5	05\16\95	19:45	31.01	7.96	47.80	31.20	119.10	7.34	14.8
14-5	05\16\95	20:00	30.92	7.96	47.70	31.20	121.00	7.47	14.8
14-5	05\16\95	20:15	30.86	7.96	47.60	31.10	120.60	7.45	14.8
14-5	05\16\95	20:30	30.80	7.96	47.60	31.00	102.70	6.36	14.8
14-5	05\16\95	20:45	30.76	7.94	47.50	31.00	114.00	7.06	14.7
14-5	05\16\95	21:00	30.70	7.93	47.40	30.90	110.40	6.85	14.7
14-5	05\16\95	21:15	30.68	7.93	47.40	30.90	108.30	6.72	14.7
14-5	05\16\95	21:30	30.68	7.94	47.50	31.00	108.20	6.71	14.7
14-5	05\16\95	21:45	30.70	7.94	47.60	31.00	108.60	6.73	14.7
14-5	05\16\95	22:00	30.70	7.95	47.60	31.10	108.40	6.72	14.7
14-5	05\16\95	22:15	30.70	7.95	47.70	31.10	106.40	6.59	14.7
14-5	05\16\95	22:30	30.70	7.95	47.70	31.10	106.20	6.58	14.7
14-5	05\16\95	22:45	30.68	7.95	47.70	31.10	104.40	6.47	14.6
14-5	05\16\95	23:00	30.68	7.95	47.70	31.10	87.10	5.40	14.6
14-5	05\16\95	23:15	30.62	7.95	47.70	31.20	86.70	5.38	14.6
14-5	05\16\95	23:30	30.58	7.94	47.70	31.20	99.30	6.16	14.6
14-5	05\16\95	23:45	30.54	7.93	47.80	31.20	97.00	6.02	14.6
14-5	05\17\95	0:00	30.46	7.92	47.70	31.10	93.80	5.84	14.6
14-5	05\17\95	0:15	30.40	7.90	47.60	31.10	91.60	5.71	14.6
14-5	05\17\95	0:30	30.54	7.95	47.70	31.10	106.40	6.61	14.6
14-5	05\17\95	0:45	30.56	7.95	47.80	31.20	108.00	6.70	14.6
14-5	05\17\95	1:00	30.50	7.94	47.90	31.30	102.40	6.36	14.6
14-5	05\17\95	1:15	30.35	7.92	48.00	31.40	95.50	5.95	14.5
14-5	05\17\95	1:30	30.28	7.90	48.10	31.40	86.20	5.37	14.5
14-5	05\17\95	1:45	30.22	7.90	48.20	31.50	84.30	5.25	14.5
14-5	05\17\95	2:00	30.20	7.90	48.40	31.60	85.70	5.34	14.5
14-5	05\17\95	2:15	30.18	7.89	48.40	31.70	85.90	5.35	14.5
14-5	05\17\95	2:30	30.09	7.90	48.40	31.60	76.70	4.79	14.5
14-5	05\17\95	2:45	30.05	7.90	48.30	31.60	87.20	5.45	14.5

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
14-5	05\17\95	3:00	30.03	7.89	48.40	31.60	86.30	5.39	14.5
14-5	05\17\95	3:15	30.03	7.89	48.50	31.70	84.80	5.30	14.5
14-5	05\17\95	3:30	29.97	7.88	48.50	31.70	86.00	5.38	14.4
14-5	05\17\95	3:45	29.89	7.88	48.50	31.70	86.50	5.41	14.4
14-5	05\17\95	4:00	29.85	7.88	48.60	31.80	85.50	5.35	14.4
14-5	05\17\95	4:15	29.77	7.88	48.50	31.70	87.80	5.51	14.4
14-5	05\17\95	4:30	29.73	7.88	48.60	31.80	84.60	5.31	14.4
14-5	05\17\95	4:45	29.77	7.88	48.60	31.80	84.00	5.27	14.4
14-5	05\17\95	5:00	29.77	7.88	48.70	31.80	84.40	5.29	14.4
14-5	05\17\95	5:15	29.81	7.88	48.80	31.90	83.40	5.22	14.4
14-5	05\17\95	5:30	29.73	7.88	48.60	31.80	81.90	5.14	14.4
14-5	05\17\95	5:45	29.65	7.87	48.40	31.70	78.10	4.91	14.4
14-5	05\17\95	6:00	29.61	7.87	48.40	31.70	77.40	4.87	14.4
14-5	05\17\95	6:15	29.56	7.87	48.40	31.60	78.50	4.94	14.3
14-5	05\17\95	6:30	29.52	7.86	48.40	31.60	77.00	4.86	14.3
14-5	05\17\95	6:45	29.54	7.86	48.40	31.60	81.00	5.10	14.3
14-5	05\17\95	7:00	29.54	7.86	48.40	31.60	75.80	4.77	14.3
14-5	05\17\95	7:15	29.56	7.86	48.40	31.60	75.00	4.73	14.3
14-5	05\17\95	7:30	29.57	7.85	48.30	31.60	72.80	4.59	14.3
14-5	05\17\95	7:45	29.57	7.85	48.30	31.60	71.90	4.53	14.3
14-5	05\17\95	8:00	29.59	7.85	48.30	31.60	74.60	4.69	14.3
14-5	05\17\95	8:15	29.59	7.84	48.40	31.60	74.00	4.66	14.3
14-5	05\17\95	8:30	29.69	7.84	48.40	31.70	77.90	4.90	14.3
14-5	05\17\95	8:45	29.75	7.85	48.50	31.70	83.40	5.23	14.3
14-5	05\17\95	9:00	29.75	7.85	48.50	31.70	85.50	5.37	14.3
14-5	05\17\95	9:15	29.79	7.85	48.50	31.70	87.50	5.49	14.3
14-5	05\17\95	9:30	29.89	7.86	48.60	31.80	91.10	5.70	14.3
14-5	05\17\95	9:45	29.93	7.86	48.60	31.80	92.30	5.77	14.3
14-5	05\17\95	10:00	29.87	7.83	48.70	31.90	84.50	5.29	14.2
14-5	05\17\95	10:15	29.83	7.81	48.80	31.90	78.50	4.91	14.2
14-5	05\17\95	10:30	29.91	7.81	48.80	31.90	82.90	5.18	14.2
14-5	05\17\95	10:45	30.01	7.83	48.90	32.00	87.60	5.46	14.2
14-5	05\17\95	11:00	30.09	7.85	48.80	32.00	93.60	5.83	14.2
14-5	05\17\95	11:15	30.15	7.85	48.80	32.00	97.40	6.06	14.2
14-5	05\17\95	11:30	30.18	7.84	48.90	32.00	97.20	6.04	14.2
14-5	05\17\95	11:45	30.15	7.83	49.00	32.10	98.20	6.11	14.2
14-5	05\17\95	12:00	30.22	7.84	49.00	32.10	101.80	6.32	14.2
14-5	05\17\95	12:15	30.26	7.85	49.00	32.10	106.10	6.59	14.2
14-5	05\17\95	12:30	30.30	7.86	49.10	32.20	110.70	6.87	14.2
14-5	05\17\95	12:45	30.36	7.86	49.00	32.10	113.50	7.03	14.2
11-2	06\19\95	8:15	27.26	7.9	48.20	31.5	75.4	4.95	14.9
11-2	06\19\95	8:30	27.35	8.0	48.10	31.4	77.7	5.09	14.9
11-2	06\19\95	8:45	27.35	7.9	48.20	31.5	73.8	4.83	14.9
11-2	06\19\95	9:00	27.47	8.0	48.10	31.5	77.7	5.08	14.9
11-2	06\19\95	9:15	27.52	8.0	48.10	31.4	80.9	5.29	14.9
11-2	06\19\95	9:30	27.51	8.0	48.10	31.4	79.8	5.21	14.9
11-2	06\19\95	9:45	27.47	8.0	48.10	31.4	80.0	5.23	14.9
11-2	06\19\95	10:00	27.49	8.0	48.10	31.4	80.2	5.24	14.9
11-2	06\19\95	10:15	27.51	8.0	48.10	31.4	80.5	5.26	14.9
11-2	06\19\95	10:30	27.54	8.0	48.00	31.4	81.4	5.32	14.8
11-2	06\19\95	10:45	27.54	8.0	48.00	31.4	81.5	5.32	14.8
11-2	06\19\95	11:00	27.52	8.0	47.90	31.3	82.3	5.38	14.9
11-2	06\19\95	11:15	27.56	8.0	47.90	31.3	83.9	5.48	14.8
11-2	06\19\95	11:30	27.64	8.0	47.90	31.3	83.5	5.45	14.8
11-2	06\19\95	11:45	27.81	8.0	47.90	31.3	82.8	5.39	14.7
11-2	06\19\95	12:00	27.97	8.0	47.80	31.2	83.8	5.44	14.8

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
11-2	06\19\95	12:15	27.99	8.0	47.80	31.2	82.9	5.38	14.7
11-2	06\19\95	12:30	27.99	8.0	47.80	31.2	83.5	5.42	14.7
11-2	06\19\95	12:45	27.99	8.0	47.80	31.2	83.1	5.39	14.7
11-2	06\19\95	13:00	28.03	8.0	47.80	31.2	83.3	5.40	14.7
11-2	06\19\95	13:15	28.10	8.0	47.80	31.2	84.5	5.47	14.7
11-2	06\19\95	13:30	28.39	8.0	47.70	31.1	84.5	5.45	14.7
11-2	06\19\95	13:45	28.20	8.0	47.90	31.3	84.1	5.44	14.7
11-2	06\19\95	14:00	28.59	8.0	47.60	31.1	84.5	5.43	14.6
11-2	06\19\95	14:15	28.34	8.0	47.80	31.2	85.7	5.53	14.7
11-2	06\19\95	14:30	28.39	8.0	47.80	31.2	87.9	5.66	14.6
11-2	06\19\95	14:45	28.49	8.0	47.80	31.2	88.6	5.70	14.6
11-2	06\19\95	15:00	28.53	8.0	47.80	31.2	90.4	5.81	14.6
11-2	06\19\95	15:15	28.51	8.0	47.80	31.2	91.5	5.88	14.6
11-2	06\19\95	15:30	28.57	8.0	47.80	31.2	92.2	5.92	14.7
11-2	06\19\95	15:45	28.59	8.0	47.80	31.2	92.7	5.95	14.6
11-2	06\19\95	16:00	28.63	8.1	47.80	31.2	94.1	6.03	14.5
11-2	06\19\95	16:15	28.67	8.1	47.80	31.2	94.2	6.04	14.6
11-2	06\19\95	16:30	28.69	8.1	47.80	31.2	94.5	6.06	14.6
11-2	06\19\95	16:45	28.73	8.1	47.80	31.2	95.1	6.09	14.5
11-2	06\19\95	17:00	28.77	8.1	47.80	31.2	95.8	6.13	14.5
11-2	06\19\95	17:15	28.77	8.1	47.90	31.3	96.2	6.15	14.5
11-2	06\19\95	17:30	28.80	8.1	47.80	31.2	96.8	6.19	14.5
11-2	06\19\95	17:45	28.80	8.0	47.90	31.3	97.4	6.23	14.5
11-2	06\19\95	18:00	28.80	8.1	47.90	31.3	97.8	6.26	14.5
11-2	06\19\95	18:15	28.79	8.1	47.90	31.3	98.0	6.27	14.5
11-2	06\19\95	18:30	28.77	8.1	47.90	31.3	98.2	6.28	14.5
11-2	06\19\95	18:45	28.75	8.1	47.90	31.3	98.6	6.31	14.5
11-2	06\19\95	19:00	28.73	8.1	47.90	31.3	98.5	6.31	14.5
11-2	06\19\95	19:15	28.71	8.1	47.90	31.3	98.7	6.32	14.4
11-2	06\19\95	19:30	28.65	8.1	47.90	31.2	98.6	6.32	14.4
11-2	06\19\95	19:45	28.59	8.1	47.90	31.3	97.8	6.28	14.4
11-2	06\19\95	20:00	28.55	8.1	47.90	31.3	97.4	6.26	14.4
11-2	06\19\95	20:15	28.51	8.1	47.90	31.3	97.3	6.25	14.4
11-2	06\19\95	20:30	28.49	8.1	47.90	31.3	97.0	6.24	14.4
11-2	06\19\95	20:45	28.45	8.1	47.90	31.3	97.1	6.25	14.4
11-2	06\19\95	21:00	28.43	8.1	47.90	31.3	97.3	6.26	14.4
11-2	06\19\95	21:15	28.38	8.1	48.00	31.3	97.4	6.27	14.4
11-2	06\19\95	21:30	28.39	8.1	48.00	31.3	97.1	6.25	14.3
11-2	06\19\95	21:45	28.36	8.1	47.90	31.3	96.9	6.24	14.4
11-2	06\19\95	22:00	28.32	8.1	48.00	31.4	96.4	6.21	14.4
11-2	06\19\95	22:15	28.32	8.1	48.00	31.4	96.2	6.20	14.3
11-2	06\19\95	22:30	28.32	8.1	48.00	31.4	95.4	6.15	14.3
11-2	06\19\95	22:45	28.28	8.1	48.00	31.3	94.8	6.11	14.3
11-2	06\19\95	23:00	28.28	8.1	48.00	31.3	93.7	6.05	14.3
11-2	06\19\95	23:15	28.28	8.1	48.00	31.3	93.3	6.01	14.3
11-2	06\19\95	23:30	28.24	8.1	48.00	31.3	93.0	6.00	14.3
11-2	06\19\95	23:45	28.24	8.1	48.00	31.3	92.0	5.94	14.3
11-2	06\20\95	0:00	28.24	8.1	48.00	31.3	90.6	5.85	14.3
11-2	06\20\95	0:15	28.20	8.1	48.00	31.3	90.7	5.86	14.3
11-2	06\20\95	0:30	28.18	8.1	48.00	31.3	90.4	5.84	14.3
11-2	06\20\95	0:45	28.18	8.1	48.00	31.3	90.3	5.83	14.3
11-2	06\20\95	1:00	28.16	8.1	48.00	31.3	88.6	5.73	14.3
11-2	06\20\95	1:15	28.14	8.1	48.00	31.4	88.3	5.71	14.2
11-2	06\20\95	1:30	28.16	8.1	48.00	31.3	87.5	5.65	14.3
11-2	06\20\95	1:45	28.14	8.1	48.00	31.3	88.1	5.70	14.2
11-2	06\20\95	2:00	28.14	8.1	48.00	31.3	87.3	5.64	14.2

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
11-2	06\20\95	2:15	28.12	8.1	48.00	31.4	88.1	5.70	14.3
11-2	06\20\95	2:30	28.10	8.1	47.90	31.3	88.2	5.71	14.2
11-2	06\20\95	2:45	28.08	8.1	47.90	31.3	88.9	5.76	14.2
11-2	06\20\95	3:00	28.08	8.1	48.00	31.4	88.8	5.75	14.2
11-2	06\20\95	3:15	28.06	8.1	48.00	31.4	89.5	5.79	14.2
11-2	06\20\95	3:30	28.06	8.1	48.00	31.4	89.2	5.78	14.2
11-2	06\20\95	3:45	28.04	8.1	48.10	31.4	89.5	5.80	14.2
11-2	06\20\95	4:00	28.04	8.1	48.10	31.4	88.9	5.76	14.2
11-2	06\20\95	4:15	28.03	8.1	48.00	31.3	89.6	5.80	14.2
11-2	06\20\95	4:30	28.04	8.1	48.00	31.3	89.3	5.78	14.2
11-2	06\20\95	4:45	28.06	8.1	47.90	31.3	89.6	5.80	14.1
11-2	06\20\95	5:00	28.08	8.1	48.00	31.4	89.5	5.79	14.2
11-2	06\20\95	5:15	28.14	8.1	48.00	31.4	88.8	5.74	14.1
11-2	06\20\95	5:30	28.12	8.1	48.10	31.4	87.7	5.67	14.2
11-2	06\20\95	5:45	28.10	8.0	48.10	31.4	86.6	5.60	14.1
11-2	06\20\95	6:00	28.08	8.0	48.10	31.4	86.4	5.59	14.1
11-2	06\20\95	6:15	28.06	8.0	48.20	31.5	86.6	5.60	14.1
11-2	06\20\95	6:30	28.03	8.1	48.10	31.4	86.6	5.61	14.1
11-2	06\20\95	6:45	27.95	8.0	48.10	31.5	84.2	5.46	14.1
11-2	06\20\95	7:00	28.06	8.1	48.30	31.6	82.3	5.32	14.1
11-2	06\20\95	7:15	28.04	8.0	48.30	31.6	78.1	5.05	14.1
11-2	06\20\95	7:30	28.10	8.1	48.30	31.5	81.3	5.25	14.1
11-2	06\20\95	7:45	28.04	8.1	48.40	31.6	81.6	5.28	14.1
11-2	06\20\95	8:00	28.04	8.0	48.30	31.6	82.0	5.30	14.0
11-2	06\20\95	8:15	28.01	8.0	48.30	31.6	79.7	5.16	14.1
11-2	06\20\95	8:30	27.97	8.0	48.20	31.5	79.4	5.14	14.1
11-2	06\20\95	8:45	27.97	8.0	48.20	31.5	80.6	5.22	14.1
11-2	06\20\95	9:00	28.01	8.0	48.20	31.5	80.3	5.20	14.1
11-2	06\20\95	9:15	27.97	8.0	48.20	31.5	81.4	5.28	14.1
11-2	06\20\95	9:30	27.99	8.0	48.20	31.5	83.4	5.40	14.1
11-2	06\20\95	9:45	28.03	8.0	48.20	31.5	85.0	5.50	14.1
11-2	06\20\95	10:00	28.03	8.0	48.00	31.3	84.3	5.46	14.1
11-2	06\20\95	10:15	28.03	8.0	48.00	31.3	84.2	5.45	14.1
11-2	06\20\95	10:30	28.03	8.0	47.90	31.3	84.8	5.49	14.0
11-2	06\20\95	10:45	28.10	8.0	47.90	31.3	84.7	5.48	14.1
11-2	06\20\95	11:00	28.10	8.0	47.90	31.3	85.6	5.54	14.0
11-2	06\20\95	11:15	28.16	8.0	47.90	31.3	86.7	5.61	14.0
11-2	06\20\95	11:30	28.20	8.0	47.90	31.3	86.6	5.60	14.0
11-2	06\20\95	11:45	28.24	8.0	48.00	31.3	86.4	5.58	14.0
11-2	06\20\95	12:00	28.24	8.0	48.00	31.3	86.9	5.61	14.0
11-2	06\20\95	12:15	28.28	8.0	47.90	31.3	86.7	5.59	14.0
11-2	06\20\95	12:30	28.28	8.0	47.90	31.3	86.9	5.61	14.0
11-2	06\20\95	12:45	28.28	8.0	47.90	31.3	87.1	5.62	14.0
11-2	06\20\95	13:00	28.30	8.0	47.90	31.3	87.1	5.62	14.0
11-2	06\20\95	13:15	28.34	8.0	47.80	31.2	86.3	5.57	14.0
11-2	06\20\95	13:30	28.34	8.0	47.80	31.2	87.5	5.64	14.1
11-2	06\20\95	13:45	28.34	8.0	47.80	31.2	87.8	5.66	14.0
11-2	06\20\95	14:00	28.38	8.0	47.80	31.2	88.3	5.69	14.0
11-2	06\20\95	14:15	28.61	8.0	47.70	31.1	89.7	5.76	14.0
11-2	06\20\95	14:30	28.61	8.0	47.70	31.1	88.9	5.71	14.0
11-2	06\20\95	14:45	28.59	8.1	47.70	31.1	89.4	5.74	14.0
11-2	06\20\95	15:00	28.55	8.1	47.70	31.1	89.8	5.77	14.0
11-2	06\20\95	15:15	28.55	8.1	47.80	31.2	90.3	5.81	14.1
11-2	06\20\95	15:30	28.55	8.1	47.80	31.2	91.5	5.88	14.0
11-2	06\20\95	15:45	28.55	8.1	47.80	31.2	92.0	5.91	14.0

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
13-1	7/10/1995	7:45	30.66	7.90	47.50	31.00	77.10	4.79	14.7
13-1	7/10/1995	8:00	30.60	7.95	47.70	31.10	77.60	4.82	14.8
13-1	7/10/1995	8:15	30.52	7.97	47.70	31.10	78.20	4.86	14.7
13-1	7/10/1995	8:30	30.42	7.99	47.80	31.20	81.00	5.04	14.7
13-1	7/10/1995	8:45	30.30	7.98	47.80	31.20	79.10	4.93	14.6
13-1	7/10/1995	9:00	30.24	7.97	47.70	31.10	74.80	4.67	14.6
13-1	7/10/1995	9:15	30.22	7.97	47.60	31.10	73.70	4.61	14.6
13-1	7/10/1995	9:30	30.22	7.95	47.40	30.90	70.40	4.40	14.6
13-1	7/10/1995	9:45	30.28	7.94	47.50	31.00	71.10	4.44	14.6
13-1	7/10/1995	10:00	30.30	7.95	47.50	31.00	74.80	4.67	14.6
13-1	7/10/1995	10:15	30.34	7.97	47.60	31.10	76.20	4.75	14.5
13-1	7/10/1995	10:30	30.42	7.99	47.80	31.20	81.50	5.07	14.5
13-1	7/10/1995	10:45	30.46	8.01	47.80	31.20	84.10	5.23	14.6
13-1	7/10/1995	11:00	30.46	8.01	47.90	31.30	84.90	5.28	14.5
13-1	7/10/1995	11:15	30.52	8.01	47.90	31.30	85.30	5.30	14.5
13-1	7/10/1995	11:30	30.48	8.01	48.00	31.30	85.50	5.31	14.4
13-1	7/10/1995	11:45	30.52	8.01	47.80	31.20	84.40	5.24	14.4
13-1	7/10/1995	12:00	30.62	8.01	47.10	30.70	82.50	5.13	14.4
13-1	7/10/1995	12:15	30.68	8.02	47.70	31.10	86.60	5.37	14.4
13-1	7/10/1995	12:30	30.62	8.00	47.70	31.10	82.50	5.12	14.4
13-1	7/10/1995	12:45	30.64	8.00	47.70	31.10	81.70	5.07	14.4
13-1	7/10/1995	13:00	30.70	8.00	47.60	31.10	83.50	5.18	14.4
13-1	7/10/1995	13:15	30.92	8.02	47.40	30.90	92.20	5.70	14.4
13-1	7/10/1995	13:30	31.09	8.05	47.30	30.80	104.80	6.46	14.3
13-1	7/10/1995	13:45	31.23	8.04	47.10	30.70	96.10	5.92	14.4
13-1	7/10/1995	14:00	31.15	8.03	47.30	30.80	98.10	6.05	14.3
13-1	7/10/1995	14:15	31.29	8.04	47.00	30.60	97.20	5.98	14.3
13-1	7/10/1995	14:30	31.40	8.04	46.80	30.50	103.50	6.37	14.3
13-1	7/10/1995	14:45	31.50	8.04	46.50	30.30	99.30	6.10	14.3
13-1	7/10/1995	15:00	31.66	8.06	46.50	30.30	106.00	6.50	14.3
13-1	7/10/1995	15:15	31.68	8.06	46.30	30.10	106.20	6.51	14.3
13-1	7/10/1995	15:30	31.75	8.06	45.90	29.80	106.70	6.55	14.3
13-1	7/10/1995	15:45	31.87	8.07	46.10	29.90	109.40	6.69	14.3
13-1	7/10/1995	16:00	31.89	8.08	45.40	29.50	108.40	6.65	14.2
13-1	7/10/1995	16:15	31.85	8.09	45.30	29.40	110.00	6.76	14.2
13-1	7/10/1995	16:30	31.83	8.08	45.00	29.20	104.90	6.45	14.0
13-1	7/10/1995	16:45	31.85	8.08	44.70	28.90	104.30	6.43	14.2
13-1	7/10/1995	17:00	31.85	8.08	44.20	28.60	104.70	6.46	14.2
13-1	7/10/1995	17:15	31.93	8.09	44.30	28.70	106.60	6.56	14.1
13-1	7/10/1995	17:30	31.93	8.09	44.10	28.50	106.30	6.55	14.2
13-1	7/10/1995	17:45	31.98	8.09	43.60	28.20	106.60	6.58	14.2
13-1	7/10/1995	18:00	32.04	8.09	43.60	28.20	108.40	6.69	14.2
13-1	7/10/1995	18:15	32.06	8.09	43.30	28.00	108.70	6.71	14.2
13-1	7/10/1995	18:30	32.10	8.10	43.50	28.10	109.60	6.75	14.2
13-1	7/10/1995	18:45	32.12	8.10	43.20	27.90	110.20	6.79	14.1
13-1	7/10/1995	19:00	32.12	8.10	43.10	27.80	110.00	6.78	14.1
13-1	7/10/1995	19:15	32.14	8.10	43.00	27.80	109.50	6.76	14.1
13-1	7/10/1995	19:30	32.12	8.10	42.70	27.50	108.50	6.71	14.2
13-1	7/10/1995	19:45	32.10	8.09	42.50	27.30	107.50	6.65	14.1
13-1	7/10/1995	20:00	32.08	8.10	42.40	27.30	107.50	6.66	14.1
13-1	7/10/1995	20:15	32.06	8.10	42.50	27.40	106.20	6.57	14.1
13-1	7/10/1995	20:30	32.04	8.09	42.50	27.40	104.60	6.48	14.1
13-1	7/10/1995	20:45	32.06	8.09	42.50	27.40	104.60	6.48	14.1
13-1	7/10/1995	21:00	32.02	8.09	42.40	27.30	104.40	6.48	14.1
13-1	7/10/1995	21:15	32.00	8.09	42.30	27.20	102.10	6.33	14.0
13-1	7/10/1995	21:30	31.83	8.09	41.90	26.90	100.60	6.27	14.0

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
13-1	7/10/1995	21:45	31.89	8.06	43.50	28.10	99.10	6.13	14.0
13-1	7/10/1995	22:00	31.77	8.07	43.50	28.10	96.00	5.95	14.0
13-1	7/10/1995	22:15	31.77	8.07	44.10	28.50	96.20	5.95	14.0
13-1	7/10/1995	22:30	31.79	8.07	44.50	28.80	96.10	5.93	14.0
13-1	7/10/1995	22:45	31.62	8.08	45.00	29.20	95.80	5.91	14.0
13-1	7/10/1995	23:00	31.54	8.08	45.30	29.40	95.30	5.88	14.0
13-1	7/10/1995	23:15	31.44	8.08	45.70	29.60	95.90	5.92	14.0
13-1	7/10/1995	23:30	31.38	8.08	45.70	29.70	95.30	5.89	14.0
13-1	7/10/1995	23:45	31.31	8.08	45.80	29.70	95.20	5.88	14.0
13-1	7/11/1995	0:00	31.25	8.08	46.00	29.90	93.70	5.79	14.0
13-1	7/11/1995	0:15	31.17	8.09	46.30	30.10	93.90	5.81	14.0
13-1	7/11/1995	0:30	31.17	8.09	46.30	30.10	94.00	5.82	14.0
13-1	7/11/1995	0:45	31.17	8.09	46.30	30.10	93.60	5.79	13.9
13-1	7/11/1995	1:00	31.17	8.08	46.20	30.00	92.60	5.73	14.0
13-1	7/11/1995	1:15	31.13	8.08	46.40	30.20	91.40	5.66	14.0
13-1	7/11/1995	1:30	31.11	8.08	45.90	29.80	90.60	5.62	14.1
13-1	7/11/1995	1:45	31.11	8.08	45.90	29.80	90.60	5.62	13.9
13-1	7/11/1995	2:00	31.11	8.07	46.40	30.20	88.30	5.46	13.9
13-1	7/11/1995	2:15	31.11	8.07	46.30	30.10	86.00	5.32	13.9
13-1	7/11/1995	2:30	31.11	8.07	46.60	30.30	83.40	5.16	13.9
13-1	7/11/1995	2:45	31.11	8.07	46.60	30.30	83.60	5.17	13.9
13-1	7/11/1995	3:00	31.01	8.07	45.20	29.30	85.70	5.34	13.9
13-1	7/11/1995	3:15	30.97	8.07	45.00	29.20	83.20	5.19	13.9
13-1	7/11/1995	3:30	30.97	8.07	45.30	29.40	85.20	5.31	13.9
13-1	7/11/1995	3:45	30.97	8.07	45.20	29.30	84.30	5.26	13.9
13-1	7/11/1995	4:00	30.86	8.07	45.00	29.20	85.70	5.36	13.9
13-1	7/11/1995	4:15	31.03	8.06	45.80	29.80	83.30	5.17	13.9
13-1	7/11/1995	4:30	31.03	8.06	45.90	29.80	82.50	5.13	13.9
13-1	7/11/1995	4:45	31.09	8.05	46.20	30.10	81.30	5.04	13.9
13-1	7/11/1995	5:00	30.97	8.05	46.00	29.90	79.30	4.93	13.9
13-1	7/11/1995	5:15	30.84	8.03	45.70	29.70	74.40	4.64	13.9
13-1	7/11/1995	5:30	30.78	8.03	45.60	29.60	74.70	4.66	13.9
13-1	7/11/1995	5:45	30.66	8.04	45.40	29.40	76.80	4.81	14.0
13-1	7/11/1995	6:00	30.70	8.04	45.50	29.50	73.40	4.59	13.9
13-1	7/11/1995	6:15	30.84	8.03	45.80	29.70	72.90	4.54	13.9
13-1	7/11/1995	6:30	30.90	8.01	45.80	29.80	69.70	4.34	14.0
13-1	7/11/1995	6:45	30.82	8.03	46.50	30.30	73.40	4.57	13.9
13-1	7/11/1995	7:00	30.88	8.04	46.60	30.30	74.20	4.60	13.8
13-1	7/11/1995	7:15	30.88	8.03	47.20	30.70	71.00	4.40	13.9
13-1	7/11/1995	7:30	30.72	8.03	46.80	30.50	71.50	4.45	13.9
13-1	7/11/1995	7:45	30.68	8.03	47.10	30.70	72.90	4.53	13.9
13-1	7/11/1995	8:00	30.52	8.04	46.80	30.50	74.30	4.64	13.9
13-1	7/11/1995	8:15	30.56	8.02	47.00	30.70	71.90	4.48	13.9
13-1	7/11/1995	8:30	30.54	8.02	47.00	30.60	71.80	4.47	13.9
13-1	7/11/1995	8:45	30.44	8.01	47.40	30.90	70.60	4.40	13.9
13-1	7/11/1995	9:00	30.34	8.02	47.80	31.20	72.50	4.52	13.9
13-1	7/11/1995	9:15	30.28	8.03	47.40	30.90	76.70	4.79	13.9
13-1	7/11/1995	9:30	30.22	8.02	47.30	30.80	75.80	4.74	13.9
13-1	7/11/1995	9:45	30.22	8.02	47.40	30.90	75.20	4.70	13.9
13-1	7/11/1995	10:00	30.20	8.01	47.40	30.90	74.80	4.68	14.0
13-1	7/11/1995	10:15	30.26	8.00	47.30	30.80	72.50	4.53	13.9
13-1	7/11/1995	10:30	30.24	8.00	47.20	30.80	73.50	4.60	13.9
13-1	7/11/1995	10:45	30.30	8.01	47.40	30.90	75.10	4.69	13.9
13-1	7/11/1995	11:00	30.36	8.02	47.50	31.00	76.80	4.79	13.9
13-1	7/11/1995	11:15	30.44	8.02	47.60	31.00	79.50	4.95	13.9
13-1	7/11/1995	11:30	30.50	8.03	47.60	31.10	82.60	5.14	13.9

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
13-1	7/11/1995	11:45	30.54	8.04	47.50	31.00	84.70	5.27	13.8
13-1	7/11/1995	12:00	30.58	8.05	47.60	31.10	85.70	5.33	13.9
13-1	7/11/1995	12:15	30.62	8.05	47.60	31.00	86.60	5.38	13.8
13-1	7/11/1995	12:30	30.70	8.04	47.40	30.90	85.20	5.28	13.8
13-1	7/11/1995	12:45	30.68	8.06	47.50	31.00	87.10	5.40	13.8
13-1	7/11/1995	13:00	30.74	8.07	47.40	30.90	88.90	5.51	13.9
13-1	7/11/1995	13:15	30.68	8.03	47.70	31.10	84.70	5.25	13.8
13-1	7/11/1995	13:30	30.68	8.02	47.70	31.10	83.80	5.19	13.8
13-1	7/11/1995	13:45	30.82	8.04	47.40	30.90	89.00	5.51	13.8
13-1	7/11/1995	14:00	30.99	8.05	47.20	30.80	92.70	5.73	13.8
13-1	7/11/1995	14:15	31.07	8.08	47.40	30.90	98.10	6.05	13.8
13-1	7/11/1995	14:30	30.80	8.05	47.60	31.10	92.50	5.72	13.8
13-1	7/11/1995	14:45	30.99	8.05	47.50	31.00	96.50	5.96	13.8
14-1	08/28/95	13:00	30.24	7.75	25.50	15.50	86.80	5.94	13.6
14-1	08/28/95	13:15	30.30	7.80	25.70	15.70	91.70	6.26	13.6
14-1	08/28/95	13:30	30.36	7.80	25.40	15.50	90.50	6.18	13.5
14-1	08/28/95	13:45	30.30	7.79	25.50	15.50	86.20	5.89	13.5
14-1	08/28/95	14:00	30.18	7.75	25.50	15.50	85.30	5.84	13.6
14-1	08/28/95	14:15	30.30	7.73	25.20	15.30	82.50	5.64	13.5
14-1	08/28/95	14:30	30.44	7.71	25.30	15.40	82.50	5.63	13.5
14-1	08/28/95	14:45	30.30	7.70	25.60	15.60	78.00	5.33	13.5
14-1	08/28/95	15:00	30.54	7.71	25.90	15.80	83.00	5.64	13.5
14-1	08/28/95	15:15	30.56	7.72	26.10	15.90	84.80	5.76	13.5
14-1	08/28/95	15:30	30.70	7.75	26.00	15.90	89.20	6.04	13.5
14-1	08/28/95	15:45	30.72	7.75	26.10	15.90	90.20	6.11	13.5
14-1	08/28/95	16:00	30.76	7.77	26.20	16.00	90.70	6.13	13.5
14-1	08/28/95	16:15	30.76	7.77	25.90	15.80	92.30	6.25	13.5
14-1	08/28/95	16:30	30.84	7.78	25.90	15.80	95.20	6.44	13.5
14-1	08/28/95	16:45	30.86	7.78	26.40	16.10	96.90	6.54	13.5
14-1	08/28/95	17:00	30.94	7.80	26.10	15.90	98.10	6.62	13.4
14-1	08/28/95	17:15	30.82	7.80	25.90	15.80	94.40	6.38	13.4
14-1	08/28/95	17:30	30.88	7.80	25.90	15.80	98.60	6.66	13.4
14-1	08/28/95	17:45	30.60	7.73	26.50	16.20	83.90	5.68	13.5
14-1	08/28/95	18:00	30.70	7.75	26.50	16.10	85.70	5.79	13.4
14-1	08/28/95	18:15	30.70	7.78	26.60	16.30	89.00	6.02	13.4
14-1	08/28/95	18:30	30.72	7.76	26.40	16.10	86.70	5.86	13.4
14-1	08/28/95	18:45	30.54	7.80	27.10	16.60	81.30	5.50	13.4
14-1	08/28/95	19:00	30.72	7.89	27.50	16.90	95.00	6.40	13.4
14-1	08/28/95	19:15	30.99	8.01	27.60	17.00	118.10	7.91	13.4
14-1	08/28/95	19:30	31.07	8.01	27.70	17.00	118.00	7.89	13.5
14-1	08/28/95	19:45	31.13	8.02	27.60	16.90	118.20	7.90	13.4
14-1	08/28/95	20:00	31.09	8.01	27.70	17.00	114.00	7.62	13.4
14-1	08/28/95	20:15	30.97	7.98	27.60	16.90	108.80	7.29	13.4
14-1	08/28/95	20:30	30.92	7.97	27.60	16.90	106.80	7.16	13.4
14-1	08/28/95	20:45	30.80	7.96	27.60	16.90	104.70	7.04	13.4
14-1	08/28/95	21:00	30.76	7.95	27.60	16.90	103.10	6.93	13.4
14-1	08/28/95	21:15	30.74	7.95	27.60	16.90	102.00	6.86	13.3
14-1	08/28/95	21:30	30.76	7.96	27.50	16.80	103.70	6.98	13.3
14-1	08/28/95	21:45	30.74	7.95	27.50	16.80	101.40	6.83	13.3
14-1	08/28/95	22:00	30.72	7.95	27.50	16.80	103.00	6.93	13.3
14-1	08/28/95	22:15	30.78	7.96	27.40	16.80	101.60	6.84	13.3
14-1	08/28/95	22:30	30.76	7.95	27.50	16.90	100.30	6.74	13.3
14-1	08/28/95	22:45	30.76	7.93	27.70	17.00	98.00	6.59	13.3
14-1	08/28/95	23:00	30.80	7.93	27.70	17.00	98.10	6.59	13.3
14-1	08/28/95	23:15	30.84	7.91	27.60	16.90	94.60	6.36	13.3

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
14-1	08/28/95	23:30	30.68	7.88	27.90	17.10	91.80	6.17	13.3
14-1	08/28/95	23:45	30.78	7.92	27.80	17.10	106.10	7.13	13.2
14-1	08/29/95	0:00	30.60	7.97	27.40	16.80	103.80	7.01	13.3
14-1	08/29/95	0:15	30.56	7.92	27.80	17.10	95.50	6.44	13.3
14-1	08/29/95	0:30	30.52	7.90	27.50	16.80	90.70	6.13	13.3
14-1	08/29/95	0:45	30.54	7.90	27.40	16.80	89.80	6.06	13.3
14-1	08/29/95	1:00	30.54	7.89	27.50	16.80	88.70	5.99	13.4
14-1	08/29/95	1:15	30.52	7.90	27.10	16.60	92.70	6.27	13.3
14-1	08/29/95	1:30	30.50	7.90	26.20	16.00	90.30	6.13	13.3
14-1	08/29/95	1:45	30.52	7.84	25.80	15.70	84.10	5.72	13.3
14-1	08/29/95	2:00	30.50	7.82	25.70	15.60	81.60	5.55	13.3
14-1	08/29/95	2:15	30.50	7.81	25.60	15.60	80.90	5.51	13.2
14-1	08/29/95	2:30	30.52	7.80	25.10	15.20	81.30	5.55	13.2
14-1	08/29/95	2:45	30.52	7.80	25.20	15.30	81.70	5.57	13.2
14-1	08/29/95	3:00	30.52	7.79	25.30	15.40	81.20	5.53	13.2
14-1	08/29/95	3:15	30.50	7.77	25.70	15.60	79.20	5.39	13.2
14-1	08/29/95	3:30	30.44	7.74	25.70	15.60	77.80	5.30	13.2
14-1	08/29/95	3:45	30.42	7.74	26.10	15.90	75.70	5.15	13.2
14-1	08/29/95	4:00	30.38	7.72	26.10	15.90	74.50	5.07	13.2
14-1	08/29/95	4:15	30.38	7.72	26.40	16.10	71.90	4.89	13.2
14-1	08/29/95	4:30	30.38	7.71	26.40	16.10	72.20	4.91	13.2
14-1	08/29/95	4:45	30.38	7.71	26.40	16.10	71.30	4.85	13.1
14-1	08/29/95	5:00	30.38	7.70	26.50	16.20	70.10	4.77	13.2
14-1	08/29/95	5:15	30.36	7.70	26.30	16.00	72.30	4.92	13.2
14-1	08/29/95	5:30	30.36	7.70	26.30	16.00	71.90	4.89	13.2
14-1	08/29/95	5:45	30.36	7.69	26.40	16.10	73.60	5.01	13.2
14-1	08/29/95	6:00	30.36	7.69	26.50	16.20	69.80	4.75	13.2
14-1	08/29/95	6:15	30.36	7.69	26.70	16.30	68.40	4.65	13.2
14-1	08/29/95	6:30	30.34	7.70	26.60	16.30	69.80	4.74	13.2
14-1	08/29/95	6:45	30.28	7.77	26.60	16.30	71.80	4.89	13.2
14-1	08/29/95	7:00	30.28	7.76	27.10	16.60	67.60	4.60	13.2
14-1	08/29/95	7:15	30.26	7.79	26.80	16.40	62.80	4.27	13.2
14-1	08/29/95	7:30	30.28	7.80	27.30	16.70	69.40	4.71	13.2
14-1	08/29/95	7:45	30.26	7.82	27.30	16.70	70.50	4.79	13.2
14-1	08/29/95	8:00	30.28	7.82	27.30	16.70	68.00	4.62	13.2
14-1	08/29/95	8:15	30.24	7.81	27.30	16.70	68.00	4.62	13.1
14-1	08/29/95	8:30	30.24	7.81	27.30	16.70	67.10	4.56	13.1
14-1	08/29/95	8:45	30.22	7.82	27.20	16.70	67.20	4.57	13.1
14-1	08/29/95	9:00	30.20	7.82	27.20	16.60	69.70	4.74	13.1
14-1	08/29/95	9:15	30.20	7.83	27.10	16.60	69.90	4.76	13.1
14-1	08/29/95	9:30	30.20	7.83	27.10	16.60	70.80	4.82	13.1
14-1	08/29/95	9:45	30.22	7.84	27.10	16.60	69.60	4.73	13.1
14-1	08/29/95	10:00	30.24	7.83	27.10	16.60	69.00	4.69	13.1
14-1	08/29/95	10:15	30.24	7.83	27.10	16.60	68.70	4.67	13.1
14-1	08/29/95	10:30	30.28	7.84	27.10	16.60	70.50	4.79	13.1
14-1	08/29/95	10:45	30.28	7.85	27.10	16.60	71.50	4.86	13.1
14-1	08/29/95	11:00	30.30	7.85	27.10	16.60	72.20	4.90	13.1
14-1	08/29/95	11:15	30.32	7.84	27.30	16.70	72.80	4.94	13.1
14-1	08/29/95	11:30	30.34	7.85	27.20	16.70	75.10	5.09	13.1
14-1	08/29/95	11:45	30.34	7.84	27.40	16.80	76.70	5.20	13.1
14-1	08/29/95	12:00	30.36	7.85	27.30	16.70	75.30	5.11	13.1
14-1	08/29/95	12:15	30.36	7.86	27.20	16.70	75.50	5.12	13.1
14-1	08/29/95	12:30	30.36	7.89	27.20	16.60	83.10	5.63	13.1
14-1	08/29/95	12:45	30.46	7.93	27.00	16.50	93.00	6.30	13.1
14-1	08/29/95	13:00	30.62	7.89	27.30	16.70	88.00	5.94	13.1
14-1	08/29/95	13:15	30.58	7.88	27.40	16.80	85.50	5.78	13.1

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
14-1	08/29/95	13:30	30.86	7.91	26.90	16.50	93.60	6.30	13.1
14-1	08/29/95	13:45	30.88	7.93	26.90	16.50	97.00	6.52	13.1
14-1	08/29/95	14:00	30.92	7.95	26.80	16.40	101.10	6.80	13.1
14-1	08/29/95	14:15	31.21	7.98	26.60	16.20	108.30	7.26	13.1
14-1	08/29/95	14:30	31.13	7.90	25.50	15.50	97.40	6.56	13.2
14-1	08/29/95	14:45	31.01	7.87	25.50	15.50	92.80	6.26	13.0
16-5	9/20/1995	11:45	30.22	7.80	40.10	25.60	96.00	6.20	12.9
16-5	9/20/1995	12:00	30.24	7.90	39.70	25.40	80.40	5.19	12.9
16-5	9/20/1995	12:15	30.34	7.91	38.10	24.20	83.00	5.39	12.9
16-5	9/20/1995	12:30	30.20	7.90	37.50	23.80	73.10	4.77	12.9
16-5	9/20/1995	12:45	30.38	7.93	36.50	23.10	78.80	5.15	12.9
16-5	9/20/1995	13:00	30.78	7.96	34.70	21.80	89.40	5.84	12.9
16-5	9/20/1995	13:15	30.92	7.97	33.90	21.20	92.50	6.05	12.9
16-5	9/20/1995	13:30	31.07	7.98	33.50	21.00	97.80	6.39	13.0
16-5	9/20/1995	13:45	31.42	8.00	32.60	20.40	104.10	6.78	12.9
16-5	9/20/1995	14:00	31.48	8.01	32.20	20.10	105.40	6.87	13.0
16-5	9/20/1995	14:15	31.50	8.02	32.50	20.30	109.10	7.11	12.9
16-5	9/20/1995	14:30	31.58	8.03	32.50	20.30	111.10	7.23	12.8
16-5	9/20/1995	14:45	31.62	8.04	32.60	20.30	113.00	7.34	12.9
16-5	9/20/1995	15:00	31.60	8.04	32.30	20.20	113.60	7.39	12.9
16-5	9/20/1995	15:15	31.66	8.06	31.90	19.90	117.10	7.62	12.9
16-5	9/20/1995	15:30	31.58	8.05	32.20	20.00	115.40	7.52	12.9
16-5	9/20/1995	15:45	31.71	8.06	31.80	19.80	117.50	7.65	12.9
16-5	9/20/1995	16:00	31.62	8.05	32.00	20.00	114.90	7.48	12.9
16-5	9/20/1995	16:15	31.73	8.07	32.00	19.90	123.00	8.00	12.9
16-5	9/20/1995	16:30	31.85	8.10	31.60	19.60	126.40	8.21	12.9
16-5	9/20/1995	16:45	31.83	8.08	31.30	19.50	122.60	7.98	12.9
16-5	9/20/1995	17:00	31.83	8.09	31.00	19.20	122.40	7.98	12.9
16-5	9/20/1995	17:15	31.81	8.09	30.80	19.10	122.30	7.98	12.9
16-5	9/20/1995	17:30	31.83	8.09	30.60	19.00	123.10	8.04	12.9
16-5	9/20/1995	17:45	31.87	8.10	30.60	18.90	125.50	8.19	12.9
16-5	9/20/1995	18:00	31.87	8.10	30.60	19.00	125.30	8.17	12.8
16-5	9/20/1995	18:15	31.85	8.11	30.50	18.90	124.50	8.12	12.8
16-5	9/20/1995	18:30	31.87	8.09	31.20	19.40	122.40	7.96	12.8
16-5	9/20/1995	18:45	31.87	8.09	31.00	19.20	121.60	7.92	12.8
16-5	9/20/1995	19:00	31.93	8.10	31.30	19.40	126.20	8.20	12.8
16-5	9/20/1995	19:15	31.77	8.07	31.50	19.60	118.70	7.73	12.6
16-5	9/20/1995	19:30	31.44	8.01	32.40	20.20	103.40	6.74	12.8
16-5	9/20/1995	19:45	31.44	8.01	32.30	20.10	102.70	6.70	12.8
16-5	9/20/1995	20:00	31.46	8.01	32.90	20.60	101.90	6.63	12.8
16-5	9/20/1995	20:15	31.21	7.99	34.40	21.60	98.60	6.41	12.8
16-5	9/20/1995	20:30	31.15	8.01	36.60	23.10	100.10	6.45	12.8
16-5	9/20/1995	20:45	31.11	8.02	37.70	23.90	101.80	6.53	12.8
16-5	9/20/1995	21:00	30.94	8.02	39.10	24.90	101.40	6.49	12.8
16-5	9/20/1995	21:15	30.84	8.03	40.30	25.80	101.40	6.47	12.8
16-5	9/20/1995	21:30	30.82	8.03	41.20	26.40	102.30	6.50	12.8
16-5	9/20/1995	21:45	30.80	8.03	41.40	26.60	102.60	6.52	12.8
16-5	9/20/1995	22:00	30.76	8.04	41.70	26.80	102.90	6.54	12.8
16-5	9/20/1995	22:15	30.76	8.05	41.80	26.80	104.40	6.63	12.8
16-5	9/20/1995	22:30	30.72	8.06	42.00	27.00	105.90	6.72	12.8
16-5	9/20/1995	22:45	30.66	8.06	42.20	27.10	106.70	6.78	12.8
16-5	9/20/1995	23:00	30.64	8.07	42.30	27.20	108.50	6.88	12.8
16-5	9/20/1995	23:15	30.58	8.07	42.40	27.30	107.20	6.81	12.8
16-5	9/20/1995	23:30	30.54	8.06	42.50	27.40	104.90	6.66	12.8
16-5	9/20/1995	23:45	30.50	8.06	42.50	27.40	103.00	6.55	12.8

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
16-5	9/21/1995	0:00	30.50	8.06	42.50	27.30	101.60	6.46	12.6
16-5	9/21/1995	0:15	30.48	8.05	42.40	27.30	95.40	6.07	12.7
16-5	9/21/1995	0:30	30.52	8.05	42.40	27.30	99.20	6.30	12.7
16-5	9/21/1995	0:45	30.38	8.04	42.00	27.00	97.80	6.25	12.7
16-5	9/21/1995	1:00	30.46	8.03	41.60	26.70	94.20	6.02	12.7
16-5	9/21/1995	1:15	30.44	8.00	39.30	25.00	83.30	5.37	12.7
16-5	9/21/1995	1:30	30.42	8.00	38.70	24.60	84.50	5.47	12.7
16-5	9/21/1995	1:45	30.56	7.99	38.30	24.40	84.80	5.48	12.7
16-5	9/21/1995	2:00	30.46	7.99	37.20	23.60	86.10	5.60	12.9
16-5	9/21/1995	2:15	30.28	7.98	36.10	22.80	82.20	5.39	12.6
16-5	9/21/1995	2:30	30.20	7.98	34.40	21.60	83.30	5.51	12.7
16-5	9/21/1995	2:45	30.03	7.97	33.00	20.60	81.60	5.44	12.7
16-5	9/21/1995	3:00	30.01	7.97	32.40	20.20	81.50	5.45	12.7
16-5	9/21/1995	3:15	30.05	7.97	32.10	20.00	81.80	5.47	12.7
16-5	9/21/1995	3:30	30.03	7.96	32.00	19.90	79.90	5.34	12.8
16-5	9/21/1995	3:45	29.91	7.96	31.70	19.80	79.00	5.30	12.7
16-5	9/21/1995	4:00	29.95	7.96	31.80	19.80	80.00	5.37	12.7
16-5	9/21/1995	4:15	29.89	7.95	31.70	19.80	77.60	5.21	12.7
16-5	9/21/1995	4:30	29.87	7.95	31.70	19.70	77.10	5.18	12.7
16-5	9/21/1995	4:45	29.83	7.95	31.70	19.70	76.60	5.15	12.7
16-5	9/21/1995	5:00	29.75	7.94	31.70	19.70	75.20	5.06	12.7
16-5	9/21/1995	5:15	29.85	7.96	31.60	19.60	78.90	5.30	12.9
16-5	9/21/1995	5:30	29.73	7.95	31.60	19.70	76.40	5.15	12.7
16-5	9/21/1995	5:45	29.69	7.94	31.50	19.60	72.70	4.90	12.7
16-5	9/21/1995	6:00	29.67	7.95	31.60	19.60	75.60	5.10	12.7
16-5	9/21/1995	6:15	29.91	7.95	31.90	19.90	77.90	5.22	12.7
16-5	9/21/1995	6:30	29.81	7.93	32.30	20.10	73.90	4.96	12.7
16-5	9/21/1995	6:45	29.87	7.94	32.40	20.20	75.80	5.08	12.7
16-5	9/21/1995	7:00	29.77	7.93	32.80	20.50	74.40	4.99	12.7
16-5	9/21/1995	7:15	30.18	7.92	34.90	21.90	71.80	4.74	12.7
16-5	9/21/1995	7:30	29.87	7.92	34.30	21.50	72.10	4.79	12.7
16-5	9/21/1995	7:45	29.77	7.91	34.40	21.60	71.80	4.78	12.7
16-5	9/21/1995	8:00	29.83	7.91	36.40	23.00	69.50	4.58	12.7
16-5	9/21/1995	8:15	29.57	7.89	36.90	23.40	64.70	4.27	12.7
16-5	9/21/1995	8:30	29.75	7.90	40.10	25.70	55.50	3.61	12.7
16-5	9/21/1995	8:45	29.69	7.91	41.10	26.30	53.90	3.49	12.7
16-5	9/21/1995	9:00	29.69	7.90	42.00	27.00	50.00	3.23	12.7
16-5	9/21/1995	9:15	29.67	7.90	42.90	27.60	45.60	2.94	12.7
16-5	9/21/1995	9:30	29.67	7.89	43.20	27.80	45.50	2.93	12.7
16-5	9/21/1995	9:45	29.69	7.89	43.30	27.90	46.30	2.97	12.7
16-5	9/21/1995	10:00	29.71	7.89	43.50	28.10	47.30	3.04	12.6
16-5	9/21/1995	10:15	29.73	7.89	43.50	28.10	48.20	3.09	12.6
16-5	9/21/1995	10:30	29.77	7.89	41.50	26.60	48.30	3.12	12.6
16-5	9/21/1995	10:45	29.79	7.90	43.70	28.20	48.60	3.11	12.8
16-5	9/21/1995	11:00	29.81	7.91	43.70	28.30	50.00	3.20	12.6
16-5	9/21/1995	11:15	29.87	7.91	43.60	28.20	50.00	3.20	12.6
16-5	9/21/1995	11:30	29.95	7.92	43.50	28.10	51.10	3.27	12.6
16-5	9/21/1995	11:45	29.97	7.94	43.50	28.10	64.30	4.11	12.6
16-5	9/21/1995	12:00	29.97	7.92	43.70	28.20	55.20	3.52	12.6
MU-1	11/15/1995	14:15	18.74	6.82	0.21	0.10	87.30	8.14	13.8
MU-1	11/15/1995	14:30	18.78	6.83	0.21	0.10	77.50	7.21	13.9
MU-1	11/15/1995	14:45	18.81	6.85	0.21	0.10	78.00	7.26	13.9
MU-1	11/15/1995	15:00	18.83	6.86	0.21	0.10	79.00	7.35	13.9
MU-1	11/15/1995	15:15	18.86	6.86	0.21	0.10	78.70	7.32	13.9
MU-1	11/15/1995	15:30	18.88	6.86	0.21	0.10	79.00	7.34	13.9

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
MU-1	11/15/1995	15:45	18.91	6.86	0.21	0.10	78.90	7.33	13.9
MU-1	11/15/1995	16:00	18.91	6.87	0.21	0.10	78.90	7.33	13.9
MU-1	11/15/1995	16:15	18.93	6.87	0.21	0.10	78.80	7.32	13.9
MU-1	11/15/1995	16:30	18.92	6.87	0.21	0.10	79.00	7.34	13.9
MU-1	11/15/1995	16:45	18.92	6.87	0.21	0.10	79.00	7.34	13.9
MU-1	11/15/1995	17:00	18.90	6.87	0.21	0.10	78.90	7.33	13.9
MU-1	11/15/1995	17:15	18.91	6.87	0.21	0.10	79.00	7.34	13.9
MU-1	11/15/1995	17:30	18.89	6.87	0.21	0.10	78.90	7.33	13.9
MU-1	11/15/1995	17:45	18.88	6.87	0.21	0.10	79.00	7.34	13.9
MU-1	11/15/1995	18:00	18.85	6.87	0.21	0.10	78.90	7.34	13.9
MU-1	11/15/1995	18:15	18.83	6.87	0.21	0.10	79.10	7.36	13.9
MU-1	11/15/1995	18:30	18.80	6.87	0.21	0.10	79.10	7.36	13.9
MU-1	11/15/1995	18:45	18.79	6.87	0.21	0.10	78.80	7.33	13.9
MU-1	11/15/1995	19:00	18.74	6.86	0.21	0.10	78.80	7.34	13.9
MU-1	11/15/1995	19:15	18.73	6.86	0.21	0.10	78.70	7.33	13.9
MU-1	11/15/1995	19:30	18.70	6.87	0.21	0.10	78.60	7.33	13.9
MU-1	11/15/1995	19:45	18.66	6.87	0.21	0.10	78.70	7.35	13.9
MU-1	11/15/1995	20:00	18.65	6.87	0.21	0.10	78.50	7.33	13.9
MU-1	11/15/1995	20:15	18.59	6.87	0.21	0.10	78.60	7.35	13.9
MU-1	11/15/1995	20:30	18.59	6.87	0.21	0.10	78.70	7.36	13.9
MU-1	11/15/1995	20:45	18.54	6.87	0.21	0.10	78.60	7.35	13.9
MU-1	11/15/1995	21:00	18.53	6.87	0.21	0.10	78.40	7.34	13.8
MU-1	11/15/1995	21:15	18.52	6.87	0.21	0.10	78.20	7.32	13.8
MU-1	11/15/1995	21:30	18.47	6.87	0.21	0.10	77.70	7.28	13.8
MU-1	11/15/1995	21:45	18.44	6.87	0.21	0.10	77.80	7.29	13.8
MU-1	11/15/1995	22:00	18.40	6.87	0.21	0.10	77.10	7.24	13.8
MU-1	11/15/1995	22:15	18.40	6.88	0.21	0.10	76.80	7.21	13.8
MU-1	11/15/1995	22:30	18.37	6.87	0.21	0.10	76.90	7.22	13.8
MU-1	11/15/1995	22:45	18.33	6.88	0.21	0.10	76.50	7.19	13.8
MU-1	11/15/1995	23:00	18.30	6.87	0.21	0.10	77.10	7.25	13.8
MU-1	11/15/1995	23:15	18.27	6.87	0.211	0.1	77	7.25	13.8
MU-1	11/15/1995	23:30	18.27	6.87	0.21	0.10	77.20	7.26	13.8
MU-1	11/15/1995	23:45	18.26	6.87	0.21	0.10	76.70	7.22	13.8
MU-1	11/16/1995	0:00	18.23	6.87	0.21	0.10	77.30	7.28	13.8
MU-1	11/16/1995	0:15	18.23	6.87	0.21	0.10	77.10	7.26	13.8
MU-1	11/16/1995	0:30	18.19	6.86	0.21	0.10	77.70	7.32	13.8
MU-1	11/16/1995	0:45	18.16	6.86	0.21	0.10	77.90	7.35	13.8
MU-1	11/16/1995	1:00	18.13	6.86	0.21	0.10	78.00	7.36	13.6
MU-1	11/16/1995	1:15	18.05	6.86	0.21	0.10	78.10	7.38	13.8
MU-1	11/16/1995	1:30	18.05	6.86	0.21	0.10	78.00	7.37	13.8
MU-1	11/16/1995	1:45	18.02	6.87	0.21	0.10	78.00	7.38	13.8
MU-1	11/16/1995	2:00	17.99	6.86	0.21	0.10	78.10	7.39	13.7
MU-1	11/16/1995	2:15	17.99	6.86	0.21	0.10	77.90	7.38	13.7
MU-1	11/16/1995	2:30	17.96	6.86	0.21	0.10	78.20	7.40	13.7
MU-1	11/16/1995	2:45	17.94	6.87	0.21	0.10	78.10	7.40	13.7
MU-1	11/16/1995	3:00	17.90	6.87	0.21	0.10	78.00	7.40	13.7
MU-1	11/16/1995	3:15	17.86	6.87	0.21	0.10	78.20	7.42	13.7
MU-1	11/16/1995	3:30	17.82	6.88	0.21	0.10	78.30	7.43	13.7
MU-1	11/16/1995	3:45	17.80	6.87	0.21	0.10	78.10	7.42	13.7
MU-1	11/16/1995	4:00	17.74	6.87	0.21	0.10	78.00	7.42	13.7
MU-1	11/16/1995	4:15	17.73	6.87	0.21	0.10	78.20	7.44	13.7
MU-1	11/16/1995	4:30	17.68	6.88	0.21	0.10	78.20	7.44	13.7
MU-1	11/16/1995	4:45	17.62	6.86	0.21	0.10	78.00	7.44	13.7
MU-1	11/16/1995	5:00	17.56	6.88	0.21	0.10	78.00	7.45	13.6
MU-1	11/16/1995	5:15	17.52	6.87	0.21	0.10	78.30	7.48	13.7
MU-1	11/16/1995	5:30	17.47	6.86	0.21	0.10	78.50	7.51	13.7

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
MU-1	11/16/1995	5:45	17.41	6.88	0.21	0.10	78.30	7.50	13.7
MU-1	11/16/1995	6:00	17.35	6.88	0.21	0.10	78.50	7.53	13.7
MU-1	11/16/1995	6:15	17.28	6.88	0.21	0.10	78.50	7.54	13.7
MU-1	11/16/1995	6:30	17.19	6.87	0.21	0.10	79.10	7.61	13.6
MU-1	11/16/1995	6:45	17.14	6.89	0.21	0.10	79.10	7.61	13.6
MU-1	11/16/1995	7:00	17.06	6.88	0.21	0.10	79.60	7.68	13.6
MU-1	11/16/1995	7:15	17.01	6.89	0.21	0.10	79.80	7.70	13.6
MU-1	11/16/1995	7:30	16.94	6.89	0.21	0.10	80.80	7.81	13.6
MU-1	11/16/1995	7:45	16.89	6.89	0.21	0.10	80.80	7.82	13.6
MU-1	11/16/1995	8:00	16.82	6.90	0.20	0.10	81.10	7.86	13.6
MU-1	11/16/1995	8:15	16.79	6.89	0.20	0.10	81.10	7.86	13.6
MU-1	11/16/1995	8:30	16.74	6.91	0.20	0.10	80.90	7.86	13.6
MU-1	11/16/1995	8:45	16.72	6.90	0.20	0.10	80.90	7.86	13.6
MU-1	11/16/1995	9:00	16.67	6.91	0.21	0.10	80.90	7.87	13.6
MU-1	11/16/1995	9:15	16.67	6.92	0.21	0.10	80.80	7.85	13.6
MU-1	11/16/1995	9:30	16.67	6.92	0.21	0.10	81.10	7.89	13.6
MU-1	11/16/1995	9:45	16.69	6.92	0.21	0.10	80.90	7.86	13.6
MU-1	11/16/1995	10:00	16.71	6.91	0.21	0.10	80.80	7.86	13.6
MU-1	11/16/1995	10:15	16.69	6.91	0.21	0.10	81.00	7.88	13.7
MU-1	11/16/1995	10:30	16.69	6.91	0.21	0.10	81.00	7.88	13.6
MU-1	11/16/1995	10:45	16.69	6.91	0.21	0.10	80.90	7.86	13.6
MU-1	11/16/1995	11:00	16.71	6.91	0.21	0.10	80.80	7.86	13.6
MU-1	11/16/1995	11:15	16.71	6.91	0.21	0.10	81.00	7.87	13.5
MU-1	11/16/1995	11:30	16.71	6.91	0.21	0.10	81.50	7.92	13.6
MU-1	11/16/1995	11:45	16.74	6.92	0.21	0.10	81.50	7.92	13.5
MU-1	11/16/1995	12:00	16.82	6.90	0.21	0.10	81.80	7.93	13.5
MU-1	11/16/1995	12:15	16.86	6.92	0.21	0.10	82.00	7.94	13.5
MU-1	11/16/1995	12:30	16.91	6.92	0.21	0.10	82.00	7.94	13.5
MU-1	11/16/1995	12:45	16.95	6.92	0.21	0.10	82.50	7.98	13.5
MU-1	11/16/1995	13:00	16.99	6.92	0.21	0.10	82.50	7.97	13.5
MU-1	11/16/1995	13:15	17.01	6.92	0.21	0.10	82.80	8.00	13.5
MU-1	11/16/1995	13:30	17.09	6.93	0.21	0.10	82.90	7.99	13.5
MU-1	11/16/1995	13:45	17.11	6.93	0.21	0.10	82.70	7.97	13.5
MU-1	11/16/1995	14:00	17.14	6.93	0.21	0.10	83.20	8.01	13.5
MU-1	11/16/1995	14:15	17.19	6.93	0.21	0.10	83.10	7.99	13.5
MU-1	11/16/1995	14:30	17.24	6.93	0.21	0.10	83.20	8.00	13.6
MU-1	11/16/1995	14:45	17.26	6.92	0.21	0.10	83.20	7.99	13.5
MU-1	11/16/1995	15:00	17.29	6.92	0.21	0.10	83.40	8.00	13.5
MU-1	11/16/1995	15:15	17.35	6.93	0.21	0.10	83.40	8.00	13.5
MU-1	11/16/1995	15:30	17.40	6.93	0.21	0.10	83.40	7.99	13.5
MU-1	11/16/1995	15:45	17.43	6.93	0.21	0.10	83.60	8.00	13.5
MU-1	11/16/1995	16:00	17.47	6.92	0.21	0.10	83.40	7.97	13.5
MU-1	11/16/1995	16:15	17.48	6.93	0.21	0.10	83.30	7.97	13.5
MU-1	11/16/1995	16:30	17.53	6.93	0.21	0.10	83.30	7.96	13.5
LB-1	12/12/1995	12:45	17.54	7.37	38.50	24.50	84.80	6.96	13.3
LB-1	12/12/1995	13:00	17.53	7.38	38.60	24.60	82.80	6.79	13.3
LB-1	12/12/1995	13:15	17.57	7.39	38.40	24.40	83.70	6.87	13.3
LB-1	12/12/1995	13:30	17.84	7.42	38.20	24.30	87.30	7.13	13.3
LB-1	12/12/1995	13:45	18.14	7.46	37.80	24.00	90.40	7.36	13.2
LB-1	12/12/1995	14:00	18.45	7.49	36.80	23.30	92.70	7.53	13.3
LB-1	12/12/1995	14:15	18.25	7.47	37.80	24.00	91.20	7.40	13.3
LB-1	12/12/1995	14:30	18.28	7.49	38.30	24.30	91.50	7.41	13.3
LB-1	12/12/1995	14:45	18.29	7.50	38.20	24.30	90.80	7.35	13.3
LB-1	12/12/1995	15:00	18.31	7.50	38.50	24.50	90.50	7.31	13.3
LB-1	12/12/1995	15:15	18.29	7.53	38.70	24.70	90.80	7.34	13.2

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
LB-1	12/12/1995	15:30	18.24	7.54	38.90	24.70	90.70	7.33	13.2
LB-1	12/12/1995	15:45	18.23	7.55	38.90	24.80	90.50	7.31	13.2
LB-1	12/12/1995	16:00	18.23	7.56	39.00	24.80	90.80	7.33	13.2
LB-1	12/12/1995	16:15	18.21	7.57	39.10	24.90	91.00	7.35	13.2
LB-1	12/12/1995	16:30	18.24	7.59	39.10	24.90	91.00	7.35	13.2
LB-1	12/12/1995	16:45	18.15	7.60	39.40	25.20	91.50	7.39	13.3
LB-1	12/12/1995	17:00	18.21	7.61	39.60	25.30	92.50	7.45	13.2
LB-1	12/12/1995	17:15	18.24	7.61	39.40	25.10	91.30	7.36	13.2
LB-1	12/12/1995	17:30	18.15	7.63	40.00	25.60	92.10	7.42	13.2
LB-1	12/12/1995	17:45	18.22	7.65	40.40	25.80	91.70	7.37	13.2
LB-1	12/12/1995	18:00	18.29	7.67	40.50	25.90	92.20	7.39	13.2
LB-1	12/12/1995	18:15	18.32	7.67	40.80	26.10	91.80	7.35	13.0
LB-1	12/12/1995	18:30	18.36	7.68	41.20	26.40	90.60	7.23	13.2
LB-1	12/12/1995	18:45	18.31	7.68	41.10	26.40	89.90	7.18	13.2
LB-1	12/12/1995	19:00	18.35	7.67	41.00	26.30	88.10	7.04	13.2
LB-1	12/12/1995	19:15	18.40	7.70	41.50	26.60	89.30	7.12	13.2
LB-1	12/12/1995	19:30	18.41	7.70	41.60	26.70	89.00	7.08	13.2
LB-1	12/12/1995	19:45	18.47	7.71	41.80	26.90	89.10	7.08	13.2
LB-1	12/12/1995	20:00	18.44	7.71	41.80	26.80	89.70	7.13	13.2
LB-1	12/12/1995	20:15	18.42	7.71	41.70	26.80	90.00	7.16	13.2
LB-1	12/12/1995	20:30	18.28	7.72	41.70	26.80	89.30	7.12	13.1
LB-1	12/12/1995	20:45	18.29	7.72	41.70	26.80	89.30	7.13	13.1
LB-1	12/12/1995	21:00	18.27	7.71	41.60	26.70	88.10	7.03	13.1
LB-1	12/12/1995	21:15	18.31	7.72	41.70	26.80	87.40	6.97	13.1
LB-1	12/12/1995	21:30	18.36	7.72	41.70	26.80	87.50	6.97	13.1
LB-1	12/12/1995	21:45	18.19	7.72	41.60	26.70	88.20	7.05	13.1
LB-1	12/12/1995	22:00	18.19	7.72	41.60	26.70	88.90	7.11	13.2
LB-1	12/12/1995	22:15	18.14	7.72	41.60	26.70	88.80	7.11	13.1
LB-1	12/12/1995	22:30	17.99	7.72	41.30	26.50	89.00	7.15	13.1
LB-1	12/12/1995	22:45	18.33	7.73	41.90	27.00	88.60	7.06	13.1
LB-1	12/12/1995	23:00	18.19	7.73	41.80	26.90	88.60	7.08	13.1
LB-1	12/12/1995	23:15	18.11	7.73	41.60	26.70	88.30	7.07	13.1
LB-1	12/12/1995	23:30	18.27	7.73	41.80	26.90	88.10	7.03	13.1
LB-1	12/12/1995	23:45	18.06	7.73	41.50	26.60	88.90	7.13	13.1
LB-1	12/13/1995	0:00	18.04	7.73	41.30	26.50	88.70	7.12	13.1
LB-1	12/13/1995	0:15	18.16	7.73	41.7	26.8	87.1	6.96	13.1
LB-1	12/13/1995	0:30	17.82	7.73	41.60	26.70	87.50	7.05	13.1
LB-1	12/13/1995	0:45	17.98	7.74	41.80	26.90	86.30	6.92	13.1
LB-1	12/13/1995	1:00	17.99	7.74	42.10	27.00	86.20	6.91	13.1
LB-1	12/13/1995	1:15	18.25	7.75	42.40	27.30	86.10	6.85	13.1
LB-1	12/13/1995	1:30	18.40	7.77	42.70	27.50	87.10	6.90	13.1
LB-1	12/13/1995	1:45	18.48	7.77	42.80	27.60	87.60	6.93	13.0
LB-1	12/13/1995	2:00	18.28	7.77	42.60	27.40	86.60	6.88	13.1
LB-1	12/13/1995	2:15	18.30	7.78	42.70	27.50	87.60	6.95	13.0
LB-1	12/13/1995	2:30	18.40	7.79	43.00	27.70	87.80	6.95	13.0
LB-1	12/13/1995	2:45	18.47	7.79	43.20	27.90	88.40	6.98	13.0
LB-1	12/13/1995	3:00	18.32	7.79	43.00	27.70	87.80	6.96	13.0
LB-1	12/13/1995	3:15	18.31	7.80	43.20	27.90	88.00	6.97	13.0
LB-1	12/13/1995	3:30	18.28	7.80	43.20	27.90	89.00	7.05	13.0
LB-1	12/13/1995	3:45	18.35	7.79	43.10	27.80	87.40	6.92	13.0
LB-1	12/13/1995	4:00	18.40	7.81	43.30	27.90	87.80	6.94	13.0
LB-1	12/13/1995	4:15	18.38	7.82	43.50	28.10	88.60	7.00	13.0
LB-1	12/13/1995	4:30	18.28	7.81	43.40	28.00	87.20	6.90	13.0
LB-1	12/13/1995	4:45	18.26	7.81	43.40	28.00	86.30	6.84	13.0
LB-1	12/13/1995	5:00	18.22	7.81	43.50	28.10	87.70	6.95	13.0
LB-1	12/13/1995	5:15	18.22	7.81	43.50	28.10	86.30	6.84	13.0

Results of Continuous In Situ Measurements

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
LB-1	12/13/1995	5:30	18.20	7.82	43.60	28.10	86.80	6.88	13.0
LB-1	12/13/1995	5:45	18.26	7.83	43.60	28.20	87.50	6.93	13.0
LB-1	12/13/1995	6:00	18.29	7.83	43.80	28.30	86.70	6.85	13.0
LB-1	12/13/1995	6:15	18.23	7.83	43.70	28.30	86.60	6.85	13.0
LB-1	12/13/1995	6:30	18.10	7.82	43.60	28.10	87.10	6.92	13.0
LB-1	12/13/1995	6:45	18.09	7.82	43.50	28.10	86.50	6.87	13.0
LB-1	12/13/1995	7:00	18.23	7.82	43.50	28.10	87.00	6.89	13.0
LB-1	12/13/1995	7:15	18.23	7.82	43.50	28.10	87.50	6.93	13.1
LB-1	12/13/1995	7:30	18.07	7.82	43.40	28.00	87.00	6.92	13.0
LB-1	12/13/1995	7:45	18.14	7.81	43.40	28.00	87.30	6.93	13.0
LB-1	12/13/1995	8:00	18.06	7.80	43.30	27.90	85.40	6.80	12.9
LB-1	12/13/1995	8:15	18.12	7.80	43.10	27.80	84.20	6.69	13.0
LB-1	12/13/1995	8:30	17.92	7.79	43.00	27.70	84.30	6.74	13.0
LB-1	12/13/1995	8:45	17.89	7.78	42.90	27.60	84.70	6.78	13.0
LB-1	12/13/1995	9:00	17.89	7.78	42.60	27.50	83.40	6.68	12.9
LB-1	12/13/1995	9:15	17.63	7.76	42.40	27.30	82.60	6.66	12.9
LB-1	12/13/1995	9:30	17.55	7.74	42.10	27.10	82.30	6.65	12.9
LB-1	12/13/1995	9:45	17.48	7.73	41.80	26.90	81.80	6.63	12.9
LB-1	12/13/1995	10:00	17.55	7.72	41.70	26.80	83.00	6.72	12.9
LB-1	12/13/1995	10:15	17.51	7.71	41.50	26.60	83.30	6.75	12.9
LB-1	12/13/1995	10:30	17.49	7.69	41.20	26.50	82.60	6.71	12.8
LB-1	12/13/1995	10:45	17.70	7.72	41.80	26.90	84.10	6.78	12.9
LB-1	12/13/1995	11:00	17.70	7.70	41.30	26.50	84.10	6.80	12.9
LB-1	12/13/1995	11:15	17.75	7.69	41.10	26.40	84.90	6.86	12.9
LB-1	12/13/1995	11:30	17.72	7.69	41.00	26.30	85.90	6.95	12.9
LB-1	12/13/1995	11:45	17.82	7.68	40.90	26.20	86.00	6.95	12.9
LB-1	12/13/1995	12:00	17.84	7.68	40.70	26.10	87.50	7.07	12.9
LB-1	12/13/1995	12:15	17.99	7.68	40.60	26.00	88.20	7.11	12.9
LB-1	12/13/1995	12:30	17.82	7.68	40.40	25.90	89.20	7.22	12.9
LB-1	12/13/1995	12:45	17.92	7.68	40.40	25.90	88.70	7.17	12.9
LB-1	12/13/1995	13:00	18.12	7.67	40.30	25.80	89.70	7.22	12.8
LB-1	12/13/1995	13:15	18.21	7.66	40.10	25.70	90.20	7.25	12.9
LB-1	12/13/1995	13:30	18.23	7.66	40.20	25.70	91.70	7.37	12.9
LB-1	12/13/1995	13:45	18.09	7.68	40.10	25.70	91.50	7.38	12.9
LB-1	12/13/1995	14:00	18.69	7.70	40.10	25.60	95.20	7.58	12.9
LB-1	12/13/1995	14:15	18.40	7.70	40.40	25.80	94.10	7.53	12.9
LB-1	12/13/1995	14:30	18.47	7.71	40.40	25.90	94.40	7.55	12.9
LB-1	12/13/1995	14:45	18.47	7.71	40.50	26.00	93.60	7.47	12.9
LB-1	12/13/1995	15:00	18.47	7.72	40.80	26.20	93.30	7.44	12.9
LB-1	12/13/1995	15:15	18.64	7.72	41.10	26.40	91.80	7.29	12.9
LB-1	12/13/1995	15:30	18.52	7.72	41.50	26.60	91.30	7.26	12.9
LB-1	12/13/1995	15:45	18.63	7.73	41.50	26.60	91.40	7.25	12.9

Coordinates

Table 6. UTM Coordinates for Monitoring Stations

Station	Date	UTM Coordniates		Lat/Lon Coordniates	
		East	North	North	West
10-1	1/23/1995	17 - 343335.4	3025832.9	27° 20' 48"	082° 35' 02"
10-2	1/23/1995	17 - 344743.1	3025768.5	27° 20' 47"	082° 34' 10"
10-3	1/23/1995	17 - 343182.4	3024066.3	27° 19' 51"	082° 35' 06"
10-4	1/23/1995	17 - 345094.6	3022580.2	27° 19' 03"	082° 33' 56"
10-5	1/23/1995	17 - 346324.7	3022137.3	27° 18' 49"	082° 33' 11"
11-1	1/23/1995	17 - 345010.8	3027111.3	27° 21' 30"	082° 34' 01"
11-2	1/23/1995	17 - 345878.2	3026566.2	27° 21' 13"	082° 33' 30"
11-3	1/23/1995	17 - 346383.8	3025094.6	27° 20' 25"	082° 33' 10"
11-4	1/23/1995	17 - 346610.3	3023570.9	27° 19' 36"	082° 33' 02"
11-5	1/23/1995	17 - 347420.7	3021216.5	27° 18' 20"	082° 32' 31"
13-1	1/25/1995	17 - 346550.4	3019368.5	27° 17' 19"	082° 33' 02"
13-2	1/25/1995	17 - 347318.0	3018595.6	27° 16' 55"	082° 32' 34"
13-3	1/25/1995	17 - 347093.9	3017301.9	27° 16' 13"	082° 32' 41"
13-4	1/25/1995	17 - 347833.5	3016069.7	27° 15' 33"	082° 32' 14"
13-5	1/25/1995	17 - 348995.4	3014435.4	27° 14' 40"	082° 31' 31"
14-1	1/25/1995	17 - 349865.9	3013861.7	27° 14' 22"	082° 30' 59"
14-2	1/25/1995	17 - 350194.6	3012975.3	27° 13' 53"	082° 30' 46"
14-3	1/25/1995	17 - 350330.2	3011261.2	27° 12' 58"	082° 30' 41"
14-4	1/25/1995	17 - 351141.1	3009256.3	27° 11' 53"	082° 30' 10"
14-5	1/25/1995	17 - 352064.0	3007654.5	27° 11' 01"	082° 29' 36"
16-1	1/26/1995	17 - 351902.8	3006868.1	27° 10' 35"	082° 29' 42"
16-2	1/26/1995	17 - 352919.0	3004984.8	27° 09' 35"	082° 29' 04"
16-3	1/26/1995	17 - 353646.0	3004094.0	27° 09' 06"	082° 28' 37"
16-4	1/26/1995	17 - 354068.2	3002749.9	27° 08' 22"	082° 28' 21"
16-5	1/26/1995	17 - 354255.8	3001835.6	27° 07' 53"	082° 28' 14"
LB-1	1/26/1995	17 - 358364.6	2991119.2	27° 02' 06"	082° 25' 40"
LB-2	1/26/1995	17 - 359604.1	2989118.4	27° 01' 02"	082° 24' 55"
LB-3	1/26/1995	17 - 360516.9	2987276.7	27° 00' 02"	082° 24' 21"
LB-4	1/26/1995	17 - 362058.1	2985193.5	26° 58' 55"	082° 23' 24"
LB-5	1/26/1995	17 - 364294.1	2982309.6	26° 57' 22"	082° 22' 02"
ML-1	1/24/1995	17 - 372696.9	2991328.2	27° 02' 18"	082° 17' 00"
ML-2	1/24/1995	17 - 373130.8	2990610.6	27° 01' 55"	082° 16' 44"
ML-3	1/24/1995	17 - 373793.5	2990381.9	27° 01' 48"	082° 16' 20"
ML-4	1/24/1995	17 - 373564.7	2989522.3	27° 01' 20"	082° 16' 28"
ML-5	1/24/1995	17 - 374180.1	2988063.3	27° 00' 32"	082° 16' 05"
MU-1	1/24/1995	17 - 368180.0	2997551.0	27° 05' 39"	082° 19' 47"
MU-2	1/24/1995	17 - 368725.6	2996624.7	27° 05' 09"	082° 19' 27"
MU-3	1/24/1995	17 - 369405.6	2995235.3	27° 04' 24"	082° 19' 01"
MU-4	1/24/1995	17 - 370511.6	2993494.8	27° 03' 28"	082° 18' 21"
MU-5	1/24/1995	17 - 371087.0	2992912.1	27° 03' 09"	082° 18' 00"
10-1	2/13/1995	17 - 344312.6	3026572.2	27° 21' 13"	082° 34' 26"
10-2	2/13/1995	17 - 345036.2	3025203.1	27° 20' 28"	082° 34' 00"
10-3	2/13/1995	17 - 343630.3	3024408.3	27° 20' 02"	082° 34' 50"
10-4	2/13/1995	17 - 345220.6	3021735.7	27° 18' 36"	082° 33' 51"
10-5	2/13/1995	17 - 346073.4	3021436.2	27° 18' 26"	082° 33' 20"
11-1	2/13/1995	17 - 345183.7	3028177.8	27° 22' 05"	082° 33' 56"
11-2	2/13/1995	17 - 346038.8	3025859.7	27° 20' 50"	082° 33' 23"
11-3	2/13/1995	17 - 346038.8	3024605.6	27° 20' 09"	082° 33' 23"
11-4	2/13/1995	17 - 346672.7	3023175.7	27° 19' 23"	082° 32' 59"
11-5	2/13/1995	17 - 347434.8	3021989.2	27° 18' 45"	082° 32' 31"
13-1	2/14/1995	17 - 346535.9	3020000.8	27° 17' 40"	082° 33' 03"
13-2	2/14/1995	17 - 346860.7	3018860.5	27° 17' 03"	082° 32' 50"
13-3	2/14/1995	17 - 347885.9	3016413.9	27° 15' 44"	082° 32' 12"
13-4	2/14/1995	17 - 348174.8	3015620.1	27° 15' 18"	082° 32' 01"

Coordinates

Table 6. UTM Coordinates for Monitoring Stations

Station	Date	UTM Coordniates		Lat/Lon Coordniates	
		East	North	North	West
13-5	2/14/1995	17 - 349054.7	3014821.8	27° 14' 53"	082° 31' 29"
14-1	2/14/1995	17 - 349973.2	3013434.1	27° 14' 08"	082° 30' 55"
14-2	2/14/1995	17 - 350014.9	3012336.7	27° 13' 32"	082° 30' 53"
14-3	2/14/1995	17 - 351006.5	3011295.3	27° 12' 59"	082° 30' 16"
14-4	2/14/1995	17 - 351225.7	3008820.2	27° 11' 39"	082° 30' 07"
14-5	2/14/1995	17 - 351490.8	3007891.1	27° 11' 09"	082° 29' 57"
16-1	2/15/1995	17 - 352256.9	3006049.7	27° 10' 09"	082° 29' 29"
16-2	2/15/1995	17 - 352699.6	3005060.0	27° 09' 37"	082° 29' 12"
16-3	2/15/1995	17 - 353191.4	3004187.5	27° 09' 09"	082° 28' 54"
16-4	2/15/1995	17 - 354152.0	3003226.2	27° 08' 38"	082° 28' 18"
16-5	2/15/1995	17 - 354398.9	3002042.5	27° 08' 00"	082° 28' 09"
LB-1	2/15/1995	17 - 357745.1	2992031.6	27° 02' 36"	082° 26' 03"
LB-2	2/15/1995	17 - 359156.7	2989860.5	27° 01' 26"	082° 25' 11"
LB-3	2/15/1995	17 - 361251.6	2986283.3	26° 59' 30"	082° 23' 54"
LB-4	2/15/1995	17 - 362433.1	2983828.7	26° 58' 11"	082° 23' 10"
LB-5	2/15/1995	17 - 363589.8	2982840.8	26° 57' 39"	082° 22' 28"
ML-1	2/16/1995	17 - 372268.7	2991548.4	27° 02' 25"	082° 17' 16"
ML-2	2/16/1995	17 - 373626.0	2990526.0	27° 01' 52"	082° 16' 26"
ML-3	2/16/1995	17 - 373704.7	2990581.5	27° 01' 54"	082° 16' 24"
ML-4	2/16/1995	17 - 373800.9	2988806.0	27° 00' 56"	082° 16' 20"
ML-5	2/16/1995	17 - 374674.3	2987578.3	27° 00' 17"	082° 15' 47"
MU-1	2/16/1995	17 - 368279.1	2997380.2	27° 05' 33"	082° 19' 43"
MU-2	2/16/1995	17 - 368524.5	2996872.6	27° 05' 17"	082° 19' 34"
MU-3	2/16/1995	17 - 369813.2	2994513.7	27° 04' 01"	082° 18' 46"
MU-4	2/16/1995	17 - 370214.4	2993804.1	27° 03' 38"	082° 18' 32"
MU-5	2/16/1995	17 - 371634.8	2992177.4	27° 02' 45"	082° 17' 39"
10-1	3/13/1995	17 - 343680.9	3026659.7	27° 21' 15"	082° 34' 50"
10-2	3/13/1995	17 - 344819.5	3024481.7	27° 20' 05"	082° 34' 07"
10-3	3/13/1995	17 - 342915.9	3023645.2	27° 19' 37"	082° 35' 16"
10-4	3/13/1995	17 - 344924.4	3023454.6	27° 19' 32"	082° 34' 03"
10-5	3/13/1995	17 - 346654.7	3021408.1	27° 18' 26"	082° 32' 59"
11-1	3/13/1995	17 - 344622.7	3027671.4	27° 21' 48"	082° 34' 16"
11-2	3/13/1995	17 - 345536.4	3025900.9	27° 20' 51"	082° 33' 42"
11-3	3/13/1995	17 - 345578.6	3024734.6	27° 20' 13"	082° 33' 40"
11-4	3/13/1995	17 - 347209.1	3023434.9	27° 19' 32"	082° 32' 40"
11-5	3/13/1995	17 - 347044.4	3022097.6	27° 18' 48"	082° 32' 45"
13-1	3/14/1995	17 - 347168.2	3019717.5	27° 17' 31"	082° 32' 40"
13-2	3/14/1995	17 - 346923.4	3018345.0	27° 16' 46"	082° 32' 48"
13-3	3/14/1995	17 - 347578.3	3016850.0	27° 15' 58"	082° 32' 23"
13-4	3/14/1995	17 - 347905.6	3015919.5	27° 15' 28"	082° 32' 11"
13-5	3/14/1995	17 - 349370.2	3014532.5	27° 14' 43"	082° 31' 17"
14-1	3/14/1995	17 - 349336.1	3013725.5	27° 14' 17"	082° 31' 18"
14-2	3/14/1995	17 - 350177.3	3011870.1	27° 13' 17"	082° 30' 47"
14-3	3/14/1995	17 - 350952.2	3010185.5	27° 12' 23"	082° 30' 18"
14-4	3/14/1995	17 - 351304.8	3009908.1	27° 12' 14"	082° 30' 05"
14-5	3/14/1995	17 - 351913.4	3008382.9	27° 11' 25"	082° 29' 42"
16-1	3/15/1995	17 - 352316.5	3006348.0	27° 10' 19"	082° 29' 26"
16-2	3/15/1995	17 - 352891.3	3004730.2	27° 09' 26"	082° 29' 05"
16-3	3/15/1995	17 - 353604.0	3003464.1	27° 08' 45"	082° 28' 38"
16-4	3/15/1995	17 - 354360.3	3002400.6	27° 08' 11"	082° 28' 11"
16-5	3/15/1995	17 - 354269.6	3001503.5	27° 07' 42"	082° 28' 13"
LB-1	3/15/1995	17 - 358576.4	2990732.8	27° 01' 54"	082° 25' 33"
LB-2	3/15/1995	17 - 360098.8	2988094.9	27° 00' 29"	082° 24' 36"
LB-3	3/15/1995	17 - 361552.8	2985965.4	26° 59' 20"	082° 23' 43"

Coordinates

Table 6. UTM Coordinates for Monitoring Stations

Station	Date	UTM Coordniates		Lat/Lon Coordniates	
		East	North	North	West
LB-4	3/15/1995	17 - 361969.7	2984775.3	26° 58' 41"	082° 23' 27"
LB-5	3/15/1995	17 - 364230.6	2981300.2	26° 56' 49"	082° 22' 04"
MU-1	3/16/1995	17 - 367850.0	2998043.6	27° 05' 55"	082° 19' 59"
MU-2	3/16/1995	17 - 368930.7	2996141.1	27° 04' 53"	082° 19' 19"
MU-3	3/16/1995	17 - 369617.7	2994829.5	27° 04' 11"	082° 18' 54"
MU-4	3/16/1995	17 - 369862.6	2993991.1	27° 03' 44"	082° 18' 44"
MU-5	3/16/1995	17 - 371573.2	2992824.0	27° 03' 06"	082° 17' 42"
ML-1	3/16/1995	17 - 371881.5	2991719.8	27° 02' 30"	082° 17' 30"
ML-2	3/16/1995	17 - 372885.2	2990954.7	27° 02' 06"	082° 16' 54"
ML-3	3/16/1995	17 - 373904.9	2990189.5	27° 01' 41"	082° 16' 16"
ML-4	3/16/1995	17 - 373570.8	2989215.0	27° 01' 10"	082° 16' 28"
ML-5	3/16/1995	17 - 375310.0	2987084.4	27° 00' 01"	082° 15' 24"
10-1	4/18/1995	17 - 342752.9	3025814.6	27° 20' 47"	082° 35' 23"
10-2	4/18/1995	17 - 344421.9	3024895.3	27° 20' 18"	082° 34' 22"
10-3	4/18/1995	17 - 343550.4	3024919.4	27° 20' 19"	082° 34' 53"
10-4	4/18/1995	17 - 344924.1	3023454.6	27° 19' 32"	082° 34' 03"
10-5	4/18/1995	17 - 346065.0	3021091.7	27° 18' 15"	082° 33' 20"
11-1	4/18/1995	17 - 345017.9	3027830.1	27° 21' 54"	082° 34' 01"
11-2	4/18/1995	17 - 345520.9	3026648.1	27° 21' 16"	082° 33' 43"
11-3	4/18/1995	17 - 346382.1	3025408.4	27° 20' 36"	082° 33' 11"
11-4	4/18/1995	17 - 346959.8	3022624.1	27° 19' 05"	082° 32' 48"
11-5	4/18/1995	17 - 347035.0	3021688.8	27° 18' 35"	082° 32' 45"
13-1	4/19/1995	17 - 347142.3	3020567.0	27° 17' 59"	082° 32' 41"
13-2	4/19/1995	17 - 347220.5	3018198.5	27° 16' 42"	082° 32' 37"
13-3	4/19/1995	17 - 347624.5	3016504.3	27° 15' 47"	082° 32' 21"
13-4	4/19/1995	17 - 347905.0	3015919.5	27° 15' 28"	082° 32' 11"
13-5	4/19/1995	17 - 348815.7	3014523.5	27° 14' 43"	082° 31' 37"
14-1	4/19/1995	17 - 349620.1	3013936.9	27° 14' 24"	082° 31' 08"
14-2	4/19/1995	17 - 350427.6	3012582.7	27° 13' 41"	082° 30' 38"
14-3	4/19/1995	17 - 351260.7	3010890.8	27° 12' 46"	082° 30' 07"
14-4	4/19/1995	17 - 351172.6	3009495.1	27° 12' 01"	082° 30' 09"
14-5	4/19/1995	17 - 351712.9	3007266.3	27° 10' 48"	082° 29' 49"
16-1	4/20/1995	17 - 352096.2	3006663.7	27° 10' 29"	082° 29' 35"
16-2	4/20/1995	17 - 352731.0	3005660.4	27° 09' 57"	082° 29' 11"
16-3	4/20/1995	17 - 353318.6	3004413.0	27° 09' 16"	082° 28' 49"
16-4	4/20/1995	17 - 353834.6	3003034.3	27° 08' 32"	082° 28' 30"
16-5	4/20/1995	17 - 354327.2	3001105.0	27° 07' 29"	082° 28' 11"
LB-1	4/20/1995	17 - 358151.4	2991591.2	27° 02' 21"	082° 25' 48"
LB-2	4/20/1995	17 - 359435.5	2989312.1	27° 01' 08"	082° 25' 01"
LB-3	4/20/1995	17 - 360548.0	2987482.4	27° 00' 09"	082° 24' 20"
LB-4	4/20/1995	17 - 363012.8	2984038.8	26° 58' 18"	082° 22' 49"
LB-5	4/20/1995	17 - 363742.0	2982344.7	26° 57' 23"	082° 22' 22"
MU-1	4/17/1995	17 - 368402.5	2997186.8	27° 05' 27"	082° 19' 39"
MU-2	4/17/1995	17 - 369188.5	2995968.1	27° 04' 48"	082° 19' 10"
MU-3	4/17/1995	17 - 369439.0	2995025.2	27° 04' 17"	082° 19' 00"
MU-4	4/17/1995	17 - 370615.7	2993302.5	27° 03' 21"	082° 18' 17"
MU-5	4/17/1995	17 - 371257.9	2992807.4	27° 03' 06"	082° 17' 53"
ML-1	4/17/1995	17 - 372522.3	2991450.5	27° 02' 22"	082° 17' 07"
ML-2	4/17/1995	17 - 373580.2	2990224.5	27° 01' 42"	082° 16' 28"
ML-3	4/17/1995	17 - 373783.4	2990459.1	27° 01' 50"	082° 16' 21"
ML-4	4/17/1995	17 - 373884.7	2989826.2	27° 01' 30"	082° 16' 17"
ML-5	4/17/1995	17 - 374059.6	2988358.4	27° 00' 42"	082° 16' 10"
10-1	5/15/1995	17 - 343782.3	3025653.4	27° 20' 43"	082° 34' 45"
10-2	5/15/1995	17 - 344423.1	3024895.1	27° 20' 18"	082° 34' 22"

Coordinates

Table 6. UTM Coordinates for Monitoring Stations

Station	Date	UTM Coordniates		Lat/Lon Coordniates	
		East	North	North	West
10-3	5/15/1995	17 - 343794.5	3024382.4	27° 20' 01"	082° 34' 44"
10-4	5/15/1995	17 - 344751.2	3023521.0	27° 19' 34"	082° 34' 09"
10-5	5/15/1995	17 - 346319.2	3022445.4	27° 18' 59"	082° 33' 12"
11-1	5/15/1995	17 - 344682.9	3027332.0	27° 21' 37"	082° 34' 13"
11-2	5/15/1995	17 - 345451.4	3025525.3	27° 20' 39"	082° 33' 45"
11-3	5/15/1995	17 - 345828.5	3025060.4	27° 20' 24"	082° 33' 31"
11-4	5/15/1995	17 - 346797.7	3023734.0	27° 19' 41"	082° 32' 55"
11-5	5/15/1995	17 - 347255.0	3021144.9	27° 18' 17"	082° 32' 37"
13-1	5/16/1995	17 - 346938.8	3019786.2	27° 17' 33"	082° 32' 48"
13-2	5/16/1995	17 - 347173.1	3018922.4	27° 17' 05"	082° 32' 39"
13-3	5/16/1995	17 - 347436.9	3016974.6	27° 16' 02"	082° 32' 28"
13-4	5/16/1995	17 - 348366.0	3015290.2	27° 15' 08"	082° 31' 54"
13-5	5/16/1995	17 - 349122.4	3014593.0	27° 14' 45"	082° 31' 26"
14-1	5/16/1995	17 - 349552.1	3013548.6	27° 14' 12"	082° 31' 10"
14-2	5/16/1995	17 - 350913.3	3012108.3	27° 13' 25"	082° 30' 20"
14-3	5/16/1995	17 - 350731.6	3011309.9	27° 12' 59"	082° 30' 26"
14-4	5/16/1995	17 - 351145.8	3009961.6	27° 12' 16"	082° 30' 11"
14-5	5/16/1995	17 - 351768.1	3008123.3	27° 11' 16"	082° 29' 47"
16-1	5/17/1995	17 - 352108.1	3006248.9	27° 10' 15"	082° 29' 34"
16-2	5/17/1995	17 - 353148.6	3004772.8	27° 09' 28"	082° 28' 56"
16-3	5/17/1995	17 - 353783.8	3003770.1	27° 08' 55"	082° 28' 32"
16-4	5/17/1995	17 - 354233.0	3002864.3	27° 08' 26"	082° 28' 15"
16-5	5/17/1995	17 - 354186.2	3002048.0	27° 08' 00"	082° 28' 17"
LB-1	5/17/1995	17 - 357621.7	2992293.3	27° 02' 44"	082° 26' 08"
LB-2	5/17/1995	17 - 359894.1	2988475.6	27° 00' 41"	082° 24' 44"
LB-3	5/17/1995	17 - 360940.1	2986782.6	26° 59' 46"	082° 24' 05"
LB-4	5/17/1995	17 - 362590.7	2984621.5	26° 58' 37"	082° 23' 05"
LB-5	5/17/1995	17 - 364578.8	2981813.6	26° 57' 06"	082° 21' 51"
MU-1	5/18/1995	17 - 368052.8	2997682.8	27° 05' 43"	082° 19' 51"
MU-2	5/18/1995	17 - 368491.8	2996867.2	27° 05' 17"	082° 19' 35"
MU-3	5/18/1995	17 - 369403.4	2995480.5	27° 04' 32"	082° 19' 02"
MU-4	5/18/1995	17 - 370453.6	2993564.7	27° 03' 30"	082° 18' 23"
MU-5	5/18/1995	17 - 370922.7	2993000.3	27° 03' 12"	082° 18' 06"
ML-1	5/18/1995	17 - 372013.2	2991686.4	27° 02' 29"	082° 17' 25"
ML-2	5/18/1995	17 - 373202.2	2990737.7	27° 01' 59"	082° 16' 42"
ML-3	5/18/1995	17 - 373946.7	2990362.7	27° 01' 47"	082° 16' 15"
ML-4	5/18/1995	17 - 373696.4	2989604.9	27° 01' 22"	082° 16' 24"
ML-5	5/18/1995	17 - 374279.4	2987864.9	27° 00' 26"	082° 16' 02"
10-1	6/19/1995	17 - 343973.9	3027150.0	27° 21' 31"	082° 34' 39"
10-2	6/19/1995	17 - 344903.7	3024653.2	27° 20' 10"	082° 34' 04"
10-3	6/19/1995	17 - 343775.5	3023564.2	27° 19' 35"	082° 34' 45"
10-4	6/19/1995	17 - 346059.8	3023312.2	27° 19' 27"	082° 33' 21"
10-5	6/19/1995	17 - 346509.9	3021942.1	27° 18' 43"	082° 33' 04"
11-1	6/19/1995	17 - 344909.3	3028417.3	27° 22' 13"	082° 34' 06"
11-2	6/19/1995	17 - 345162.0	3026473.7	27° 21' 10"	082° 33' 56"
11-3	6/19/1995	17 - 345764.8	3024343.4	27° 20' 01"	082° 33' 33"
11-4	6/19/1995	17 - 346874.4	3023272.1	27° 19' 26"	082° 32' 52"
11-5	6/19/1995	17 - 347134.0	3021899.2	27° 18' 42"	082° 32' 42"
13-1	6/20/1995	17 - 346860.8	3020314.9	27° 17' 50"	082° 32' 51"
13-2	6/20/1995	17 - 347106.5	3018526.3	27° 16' 52"	082° 32' 41"
13-3	6/20/1995	17 - 347394.5	3016547.8	27° 15' 48"	082° 32' 30"
13-4	6/20/1995	17 - 348035.5	3015914.9	27° 15' 28"	082° 32' 06"
13-5	6/20/1995	17 - 349313.2	3014330.5	27° 14' 37"	082° 31' 19"
14-1	6/20/1995	17 - 349507.7	3013224.1	27° 14' 01"	082° 31' 12"

Coordinates

Table 6. UTM Coordinates for Monitoring Stations

Station	Date	UTM Coordniates		Lat/Lon Coordniates	
		East	North	North	West
14-2	6/20/1995	17 - 350409.4	3012937.1	27° 13' 52"	082° 30' 39"
14-3	6/20/1995	17 - 350984.1	3010735.5	27° 12' 41"	082° 30' 17"
14-4	6/20/1995	17 - 351366.3	3008505.6	27° 11' 28"	082° 30' 02"
14-5	6/20/1995	17 - 352072.2	3007880.9	27° 11' 08"	082° 29' 36"
16-1	6/21/1995	17 - 352545.6	3006080.3	27° 10' 10"	082° 29' 18"
16-2	6/21/1995	17 - 352814.6	3005380.4	27° 08' 47"	082° 29' 08"
16-3	6/21/1995	17 - 353347.4	3003959.7	27° 09' 02"	082° 28' 48"
16-4	6/21/1995	17 - 354188.7	3002341.6	27° 08' 17"	082° 28' 17"
16-5	6/21/1995	17 - 354342.2	3001746.5	27° 07' 50"	082° 28' 11"
LB-1	6/21/1995	17 - 358034.6	2991819.3	27° 02' 29"	082° 25' 53"
LB-2	6/21/1995	17 - 358906.0	2990100.9	27° 01' 33"	082° 25' 20"
LB-3	6/21/1995	17 - 360305.0	2987736.8	27° 00' 17"	082° 24' 29"
LB-4	6/21/1995	17 - 361669.8	2985416.2	26° 59' 02"	082° 23' 38"
LB-5	6/21/1995	17 - 364850.3	2981428.9	26° 56' 54"	082° 21' 41"
MU-1	6/22/1995	17 - 367868.3	2998205.2	27° 06' 00"	082° 19' 58"
MU-2	6/22/1995	17 - 368393.3	2996546.5	27° 05' 06"	082° 19' 39"
MU-3	6/22/1995	17 - 369661.2	2994274.9	27° 03' 53"	082° 18' 52"
MU-4	6/22/1995	17 - 370046.5	2993944.6	27° 03' 42"	082° 18' 38"
MU-5	6/22/1995	17 - 371703.3	2992511.8	27° 02' 56"	082° 17' 37"
ML-1	6/22/1995	17 - 372808.3	2991141.9	27° 02' 12"	082° 16' 56"
ML-2	6/22/1995	17 - 373204.1	2990500.4	27° 01' 51"	082° 16' 42"
ML-3	6/22/1995	17 - 373747.7	2990335.7	27° 01' 46"	082° 16' 22"
ML-4	6/22/1995	17 - 373673.9	2989031.4	27° 01' 04"	082° 16' 24"
ML-5	6/22/1995	17 - 375044.3	2987360.7	27° 00' 10"	082° 15' 34"
10-1	7/10/1995	17-343391.6	3025386.9	27° 20' 39"	082° 34' 59"
10-2	7/10/1995	17-344738.1	3025941.8	27° 20' 58"	082° 34' 11"
10-3	7/10/1995	17-343561.9	3024178.1	27° 20' 00"	082° 34' 53"
10-4	7/10/1995	17-345042.0	3022746.5	27° 19' 14"	082° 33' 58"
10-5	7/10/1995	17-346693.0	3021075.8	27° 18' 20"	082° 32' 57"
11-1	7/10/1995	17-345440.1	3027740.6	27° 21' 57"	082° 33' 46"
11-2	7/10/1995	17-346136.1	3026363.0	27° 21' 12"	082° 33' 20"
11-3	7/10/1995	17-346035.5	3024575.4	27° 20' 14"	082° 33' 23"
11-4	7/10/1995	17-347111.6	3022890.8	27° 19' 20"	082° 32' 43"
11-5	7/10/1995	17-347508.9	3021569.1	27° 18' 37"	082° 32' 28"
13-1	7/11/1995	17-347178.9	3019491.0	27° 17' 29"	082° 32' 39"
13-2	7/11/1995	17-346998.9	3018175.8	27° 16' 46"	082° 32' 45"
13-3	7/11/1995	17-347296.2	3017189.8	27° 16' 14"	082° 32' 34"
13-4	7/11/1995	17-348316.3	3015411.1	27° 15' 17"	082° 31' 56"
13-5	7/11/1995	17-348580.7	3015152.4	27° 15' 09"	082° 31' 46"
14-1	7/11/1995	17-349642.9	3013897.0	27° 14' 28"	082° 31' 07"
14-2	7/11/1995	17-350222.6	3012147.2	27° 13' 32"	082° 30' 45"
14-3	7/11/1995	17-350914.0	3011664.5	27° 13' 16"	082° 30' 20"
14-4	7/11/1995	17-351169.1	3009387.1	27° 12' 02"	082° 30' 09"
14-5	7/11/1995	17-352086.3	3007219.8	27° 10' 52"	082° 29' 35"
16-1	7/12/1995	17-352278.5	3006474.2	27° 10' 28"	082° 29' 28"
16-2	7/12/1995	17-353141.6	3004849.5	27° 09' 36"	082° 28' 56"
16-3	7/12/1995	17-353958.3	3003603.8	27° 08' 56"	082° 28' 26"
16-4	7/12/1995	17-354319.5	3002631.6	27° 08' 24"	082° 28' 12"
16-5	7/12/1995	17-354350.2	3001278.2	27° 07' 40"	082° 28' 10"
LB-1	7/12/1995	17-358489.0	2990871.2	27° 02' 04"	082° 25' 36"
LB-2	7/12/1995	17-359710.0	2988794.0	27° 00' 57"	082° 24' 51"
LB-3	7/12/1995	17-360793.9	2987109.2	27° 00' 02"	082° 24' 11"
LB-4	7/12/1995	17-362306.1	2984326.5	26° 58' 32"	082° 23' 15"

Coordinates

Table 6. UTM Coordinates for Monitoring Stations

Station	Date	UTM Coordniates		Lat/Lon Coordniates	
		East	North	North	West
LB-5	7/12/1995	17-363965.1	2981746.2	26° 57' 09"	082° 22' 14"
MU-1	7/13/1995	17-367881.6	2997865.0	27° 05' 54"	082° 19' 58"
MU-2	7/13/1995	17-368902.3	2996357.2	27° 05' 06"	082° 19' 20"
MU-3	7/13/1995	17-369722.9	2994730.5	27° 04' 13"	082° 18' 50"
MU-4	7/13/1995	17-370703.2	2993159.0	27° 03' 22"	082° 18' 14"
MU-5	7/13/1995	17-371739.6	2992766.0	27° 03' 10"	082° 17' 36"
ML-1	7/13/1995	17-371769.1	2991812.9	27° 02' 39"	082° 17' 34"
ML-2	7/13/1995	17-373045.1	2990726.0	27° 02' 04"	082° 16' 48"
ML-3	7/13/1995	17-373607.5	2990787.3	27° 02' 06"	082° 16' 27"
ML-4	7/13/1995	17-373546.3	2989611.7	27° 01' 28"	082° 16' 29"
ML-5	7/13/1995	17-375465.7	2987326.5	27° 00' 14"	082° 15' 19"
10-1	8/23/1995	17 - 343223.5	3026536.2	27° 21' 16"	082° 35' 06"
10-2	8/23/1995	17 - 344929.5	3024385.0	27° 20' 07"	082° 34' 03"
10-3	8/23/1995	17 - 343238.3	3023939.0	27° 19' 52"	082° 35' 04"
10-4	8/23/1995	17 - 344634.8	3023680.1	27° 19' 44"	082° 34' 13"
10-5	8/23/1995	17 - 346237.7	3021841.6	27° 18' 45"	082° 33' 14"
11-1	8/23/1995	17 - 345392.0	3027357.2	27° 21' 44"	082° 33' 48"
11-2	8/23/1995	17 - 345441.2	3026386.2	27° 21' 12"	082° 33' 45"
11-3	8/23/1995	17 - 346358.9	3024838.9	27° 20' 23"	082° 33' 11"
11-4	8/23/1995	17 - 346871.4	3022567.9	27° 19' 09"	082° 32' 52"
11-5	8/23/1995	17 - 347281.1	3021413.2	27° 18' 32"	082° 32' 36"
13-1	8/28/1995	17 - 347313.2	3020020.0	27° 17' 46"	082° 32' 34"
13-2	8/28/1995	17 - 346545.2	3018915.4	27° 17' 10"	082° 33' 02"
13-3	8/28/1995	17 - 347069.0	3017559.5	27° 16' 26"	082° 32' 42"
13-4	8/28/1995	17 - 348580.5	3015152.3	27° 15' 09"	082° 31' 46"
13-5	8/28/1995	17 - 349241.4	3014749.4	27° 14' 56"	082° 31' 22"
14-1	8/28/1995	17 - 349297.8	3014085.2	27° 14' 34"	082° 31' 20"
14-2	8/28/1995	17 - 350661.9	3012836.6	27° 13' 54"	082° 30' 29"
14-3	8/28/1995	17 - 351060.2	3010389.9	27° 12' 35"	082° 30' 14"
14-4	8/28/1995	17 - 351775.7	3008864.6	27° 11' 46"	082° 29' 47"
14-5	8/28/1995	17 - 351438.3	3008222.3	27° 11' 25"	082° 29' 59"
16-1	8/29/1995	17 - 352049.5	3006858.2	27° 10' 41"	082° 29' 36"
16-2	8/29/1995	17 - 352684.2	3005507.9	27° 09' 57"	082° 29' 13"
16-3	8/29/1995	17 - 353454.3	3004281.0	27° 09' 17"	082° 28' 44"
16-4	8/29/1995	17 - 353907.2	3002842.0	27° 08' 31"	082° 28' 27"
16-5	8/29/1995	17 - 354386.8	3002028.5	27° 08' 05"	082° 28' 09"
LB-1	8/29/1995	17 - 358404.2	2991311.4	27° 02' 18"	082° 25' 39"
LB-2	8/29/1995	17 - 359499.0	2989117.3	27° 01' 07"	082° 24' 58"
LB-3	8/29/1995	17 - 361191.7	2986000.2	26° 59' 26"	082° 23' 56"
LB-4	8/29/1995	17 - 362866.6	2983616.1	26° 58' 09"	082° 22' 54"
LB-5	8/29/1995	17 - 363597.1	2983189.4	26° 57' 56"	082° 22' 27"
MU-1	8/22/1995	17 - 368373.5	2997354.9	27° 05' 38"	082° 19' 40"
MU-2	8/22/1995	17 - 369117.1	2996292.5	27° 05' 04"	082° 19' 12"
MU-3	8/22/1995	17 - 369774.9	2994447.0	27° 04' 04"	082° 18' 48"
MU-4	8/22/1995	17 - 370155.9	2993872.9	27° 03' 45"	082° 18' 34"
MU-5	8/22/1995	17 - 371700.0	2992326.1	27° 02' 55"	082° 17' 37"
ML-1	8/22/1995	17 - 372628.4	2991383.7	27° 02' 25"	082° 17' 03"
ML-2	8/22/1995	17 - 373076.8	2990936.9	27° 02' 11"	082° 16' 47"
ML-3	8/22/1995	17 - 373627.4	2990710.3	27° 02' 04"	082° 16' 27"
ML-4	8/22/1995	17 - 373526.9	2989367.5	27° 01' 20"	082° 16' 30"
ML-5	8/22/1995	17 - 374873.8	2986947.4	27° 00' 02"	082° 15' 40"
10-1	9/18/1995	17 - 342310.6	3025465.6	27° 20' 41"	082° 35' 39"

Coordinates

Table 6. UTM Coordinates for Monitoring Stations

Station	Date	UTM Coordniates		Lat/Lon Coordniates	
		East	North	North	West
10-2	9/18/1995	17 - 344557.4	3025286.6	27° 20' 36"	082° 34' 17"
10-3	9/18/1995	17 - 343689.2	3024828.9	27° 20' 21"	082° 34' 48"
10-4	9/18/1995	17 - 345040.9	3022125.4	27° 18' 54"	082° 33' 58"
10-5	9/18/1995	17 - 346406.6	3021436.5	27° 18' 32"	082° 33' 08"
11-1	9/18/1995	17 - 344716.0	3027932.4	27° 22' 02"	082° 34' 12"
11-2	9/18/1995	17 - 345824.3	3025880.1	27° 20' 56"	082° 33' 31"
11-3	9/18/1995	17 - 346132.2	3023960.2	27° 19' 54"	082° 33' 19"
11-4	9/18/1995	17 - 347052.2	3023232.3	27° 19' 31"	082° 32' 45"
11-5	9/18/1995	17 - 347326.6	3020850.0	27° 18' 13"	082° 32' 34"
13-1	9/19/1995	17 - 346834.9	3019378.6	27° 17' 25"	082° 32' 51"
13-2	9/19/1995	17 - 347348.9	3018359.5	27° 16' 52"	082° 32' 32"
13-3	9/19/1995	17 - 347667.6	3016789.7	27° 16' 02"	082° 32' 20"
13-4	9/19/1995	17 - 348272.8	3015716.3	27° 15' 27"	082° 31' 58"
13-5	9/19/1995	17 - 348964.7	3014963.7	27° 15' 03"	082° 31' 32"
14-1	9/19/1995	17 - 349782.5	3013579.0	27° 14' 18"	082° 31' 02"
14-2	9/19/1995	17 - 349891.6	3012836.2	27° 13' 54"	082° 30' 57"
14-3	9/19/1995	17 - 350323.1	3011258.9	27° 13' 03"	082° 30' 41"
14-4	9/19/1995	17 - 351687.3	3009349.0	27° 12' 01"	082° 29' 51"
14-5	9/19/1995	17 - 351713.9	3007518.9	27° 11' 02"	082° 29' 49"
16-1	9/20/1995	17 - 352371.2	3005847.3	27° 10' 08"	082° 29' 24"
16-2	9/20/1995	17 - 352880.2	3005068.8	27° 09' 43"	082° 29' 05"
16-3	9/20/1995	17 - 353824.6	3003678.1	27° 08' 58"	082° 28' 31"
16-4	9/20/1995	17 - 354160.6	3002705.8	27° 08' 27"	082° 28' 18"
16-5	9/20/1995	17 - 354270.4	3001552.3	27° 07' 49"	082° 28' 13"
LB-1	9/20/1995	17 - 357458.6	2992541.5	27° 02' 57"	082° 26' 14"
LB-2	9/20/1995	17 - 359338.3	2989599.1	27° 01' 23"	082° 25' 05"
LB-3	9/20/1995	17 - 361088.0	2986602.0	26° 59' 46"	082° 24' 00"
LB-4	9/20/1995	17 - 362697.3	2984380.8	26° 58' 34"	082° 23' 01"
LB-5	9/20/1995	17 - 363206.5	2982951.8	26° 57' 48"	082° 22' 42"
MU-1	9/21/1995	17 - 367874.9	2998344.5	27° 06' 10"	082° 19' 58"
MU-2	9/21/1995	17 - 369229.9	2995753.6	27° 04' 46"	082° 19' 08"
MU-3	9/21/1995	17 - 369406.6	2995347.6	27° 04' 33"	082° 19' 01"
MU-4	9/21/1995	17 - 369774.6	2994068.0	27° 03' 51"	082° 18' 48"
MU-5	9/21/1995	17 - 371695.5	2992041.4	27° 03' 51"	082° 18' 48"
ML-1	9/21/1995	17 - 372418.5	2991495.3	27° 02' 29"	082° 17' 11"
ML-2	9/21/1995	17 - 373434.0	2990303.6	27° 01' 50"	082° 16' 33"
ML-3	9/21/1995	17 - 373798.9	2990451.4	27° 01' 55"	082° 16' 20"
ML-4	9/21/1995	17 - 373758.8	2988914.3	27° 01' 05"	082° 16' 21"
ML-5	9/21/1995	17 - 375140.6	2987214.5	27° 00' 11"	082° 15' 30"
10-1	10/17/1995	17 - 343556.7	3026379.2	27° 21' 11"	082° 34' 54"
10-2	10/17/1995	17 - 344925.0	3024847.5	27° 20' 22"	082° 34' 03"
10-3	10/17/1995	17 - 343214.5	3023903.8	27° 19' 51"	082° 35' 05"
10-4	10/17/1995	17 - 345123.7	3021793.3	27° 18' 43"	082° 33' 55"
10-5	10/17/1995	17 - 346323.7	3022029.4	27° 18' 51"	082° 33' 11"
11-1	10/17/1995	17 - 345558.5	3027493.1	27° 21' 49"	082° 33' 42"
11-2	10/17/1995	17 - 345515.5	3026330.2	27° 21' 11"	082° 33' 43"
11-3	10/17/1995	17 - 346168.9	3024648.4	27° 20' 16"	082° 33' 18"
11-4	10/17/1995	17 - 347063.6	3022615.0	27° 19' 11"	082° 32' 45"
11-5	10/17/1995	17 - 347409.5	3021751.7	27° 18' 43"	082° 32' 32"
13-1	10/16/1995	17 - 346408.4	3019631.9	27° 17' 33"	082° 33' 07"
13-2	10/16/1995	17 - 347146.8	3018834.7	27° 17' 08"	082° 32' 40"
13-3	10/16/1995	17 - 347364.4	3016648.7	27° 15' 57"	082° 32' 31"
13-4	10/16/1995	17 - 348302.8	3015646.1	27° 15' 25"	082° 31' 56"

Coordinates

Table 6. UTM Coordinates for Monitoring Stations

Station	Date	UTM Coordniates		Lat/Lon Coordniates	
		East	North	North	West
13-5	10/16/1995	17 - 349277.9	3014599.7	27° 14' 51"	082° 31' 20"
14-1	10/16/1995	17 - 349454.8	3013208.3	27° 14' 06"	082° 31' 13"
14-2	10/16/1995	17 - 350131.7	3012247.6	27° 13' 35"	082° 30' 48"
14-3	10/16/1995	17 - 351173.6	3011259.0	27° 13' 03"	082° 30' 10"
14-4	10/16/1995	17 - 351163.9	3009152.6	27° 11' 55"	082° 30' 08"
14-5	10/16/1995	17 - 351975.3	3008183.6	27° 11' 24"	082° 29' 40"
16-1	10/19/1995	17 - 352125.4	3006201.2	27° 10' 19"	082° 29' 33"
16-2	10/19/1995	17 - 352752.9	3005032.5	27° 09' 42"	082° 29' 10"
16-3	10/19/1995	17 - 353324.8	3004086.6	27° 09' 11"	082° 28' 49"
16-4	10/19/1995	17 - 353815.3	3002996.5	27° 08' 36"	082° 28' 31"
16-5	10/19/1995	17 - 354224.7	3001987.8	27° 08' 03"	082° 28' 15"
LB-1	10/19/1995	17 - 357935.2	2992031.3	27° 02' 41"	082° 25' 56"
LB-2	10/19/1995	17 - 359804.2	2988762.3	27° 00' 56"	082° 24' 47"
LB-3	10/19/1995	17 - 360542.3	2987186.2	27° 00' 05"	082° 24' 20"
LB-4	10/19/1995	17 - 362142.7	2984954.8	26° 58' 53"	082° 23' 21"
LB-5	10/19/1995	17 - 364422.3	2981622.1	26° 57' 05"	082° 21' 57"
MU-1	10/18/1995	17 - 368176.4	2997519.3	27° 05' 43"	082° 19' 47"
MU-2	10/18/1995	17 - 368782.0	2996626.2	27° 05' 14"	082° 19' 25"
MU-3	10/18/1995	17 - 369433.7	2995138.7	27° 04' 26"	082° 19' 00"
MU-4	10/18/1995	17 - 370352.0	2993629.8	27° 03' 37"	082° 18' 26"
MU-5	10/18/1995	17 - 371591.1	2992816.4	27° 03' 11"	082° 17' 41"
ML-1	10/18/1995	17 - 372703.7	2991250.9	27° 02' 21"	082° 17' 00"
ML-2	10/18/1995	17 - 373238.1	2990548.1	27° 01' 58"	082° 16' 41"
ML-3	10/18/1995	17 - 373905.0	2990329.0	27° 01' 51"	082° 16' 16"
ML-4	10/18/1995	17 - 373554.8	2989485.2	27° 01' 24"	082° 16' 29"
ML-5	10/18/1995	17 - 374129.0	2988062.6	27° 00' 38"	082° 16' 07"
10-1	11/13/1995	17 - 344113.8	3027020.8	27° 21' 33"	082° 34' 34"
10-2	11/13/1995	17 - 344816.6	3025743.5	27° 20' 51"	082° 34' 08"
10-3	11/13/1995	17 - 343601.9	3024895.8	27° 20' 23"	082° 34' 52"
10-4	11/13/1995	17 - 344155.0	3023051.9	27° 19' 24"	082° 34' 31"
10-5	11/13/1995	17 - 345996.8	3021182.3	27° 18' 24"	082° 33' 23"
11-1	11/13/1995	17 - 344953.2	3027178.7	27° 21' 38"	082° 34' 03"
11-2	11/13/1995	17 - 346060.6	3026161.0	27° 21' 05"	082° 33' 23"
11-3	11/13/1995	17 - 345720.9	3024539.6	27° 20' 13"	082° 33' 34"
11-4	11/13/1995	17 - 346688.6	3023280.9	27° 19' 32"	082° 32' 59"
11-5	11/13/1995	17 - 347433.8	3021279.8	27° 18' 27"	082° 32' 31"
13-1	11/14/1995	17 - 346797.4	3019407.0	27° 17' 26"	082° 32' 53"
13-2	11/14/1995	17 - 346717.8	3018579.3	27° 16' 59"	082° 32' 55"
13-3	11/14/1995	17 - 347660.8	3016618.4	27° 15' 56"	082° 32' 20"
13-4	11/14/1995	17 - 348037.5	3015921.5	27° 15' 34"	082° 32' 06"
13-5	11/14/1995	17 - 349032.9	3014865.3	27° 15' 00"	082° 31' 30"
14-1	11/14/1995	17 - 349830.3	3013848.7	27° 14' 27"	082° 21' 00"
14-2	11/14/1995	17 - 350274.9	3011916.6	27° 13' 24"	082° 30' 43"
14-3	11/14/1995	17 - 350963.9	3011513.4	27° 13' 11"	082° 30' 18"
14-4	11/14/1995	17 - 351186.0	3008777.4	27° 11' 43"	082° 30' 09"
14-5	11/14/1995	17 - 351577.7	3007952.0	27° 11' 16"	082° 29' 54"
16-1	11/16/1995	17 - 352264.4	3006488.7	27° 10' 29"	082° 29' 28"
16-2	11/16/1995	17 - 353068.1	3004912.3	27° 09' 38"	082° 28' 59"
16-3	11/16/1995	17 - 353538.1	3003456.4	27° 08' 51"	082° 28' 41"
16-4	11/16/1995	17 - 354288.3	3002690.7	27° 08' 26"	082° 28' 13"
16-5	11/16/1995	17 - 354298.7	3001543.5	27° 07' 49"	082° 28' 12"
LB-1	11/16/1995	17 - 358508.2	2990831.3	27° 02' 02"	082° 25' 35"
LB-2	11/16/1995	17 - 359326.7	2989451.1	27° 01' 18"	082° 25' 05"

Coordinates

Table 6. UTM Coordinates for Monitoring Stations

Station	Date	UTM Coordniates		Lat/Lon Coordniates	
		East	North	North	West
LB-3	11/16/1995	17 - 361185.5	2986583.5	26° 59' 45"	082° 23' 56"
LB-4	11/16/1995	17 - 362142.8	2984534.3	26° 58' 39"	082° 23' 21"
LB-5	11/16/1995	17 - 363348.9	2982448.9	26° 57' 32"	082° 22' 36"
MU-1	11/15/1995	17 - 367975.8	2997661.6	27° 05' 48"	082° 19' 54"
MU-2	11/15/1995	17 - 369190.1	2995985.2	27° 04' 54"	082° 19' 10"
MU-3	11/15/1995	17 - 369407.8	2995371.7	27° 03' 34"	082° 19' 01"
MU-4	11/15/1995	17 - 370572.7	2993385.3	27° 03' 30"	082° 18' 18"
MU-5	11/15/1995	17 - 371298.2	2992771.6	27° 03' 10"	082° 17' 52"
ML-1	11/15/1995	17 - 371784.9	2991797.5	27° 02' 38"	082° 17' 34"
ML-2	11/15/1995	17 - 373393.7	2990334.6	27° 01' 51"	082° 16' 35"
ML-3	11/15/1995	17 - 373659.0	2990665.4	27° 02' 02"	082° 16' 25"
ML-4	11/15/1995	17 - 373626.9	2989086.5	27° 01' 11"	082° 16' 26"
ML-5	11/15/1995	17 - 375272.9	2986938.6	27° 00' 02"	082° 15' 25"
10-1	12/14/1995	17 - 343577.5	3026126.4	27° 20' 58"	082° 34' 53"
10-2	12/14/1995	17 - 344816.1	3025247.7	27° 20' 30"	082° 34' 08"
10-3	12/14/1995	17 - 343855.8	3024509.4	27° 20' 05"	082° 34' 42"
10-4	12/14/1995	17 - 345460.8	3023728.5	27° 19' 41"	082° 33' 43"
10-5	12/14/1995	17 - 346649.7	3021182.6	27° 18' 18"	082° 32' 59"
11-1	12/14/1995	17 - 344795.8	3027710.6	27° 21' 50"	082° 34' 09"
11-2	12/14/1995	17 - 345975.6	3025774.3	27° 20' 47"	082° 34' 02"
11-3	12/14/1995	17 - 346023.1	3025131.4	27° 20' 26"	082° 33' 24"
11-4	12/14/1995	17 - 346797.3	3023643.6	27° 19' 38"	082° 32' 55"
11-5	12/14/1995	17 - 347083.1	3021726.9	27° 18' 36"	082° 32' 44"
13-1	12/11/1995	17 - 347239.2	3019589.3	27° 11' 27"	082° 32' 37"
13-2	12/11/1995	17 - 346848.0	3018813.3	27° 17' 02"	082° 32' 51"
13-3	12/11/1995	17 - 347096.9	3017285.6	27° 16' 12"	082° 32' 41"
13-4	12/11/1995	17 - 347855.3	3015748.2	27° 15' 22"	082° 32' 13"
13-5	12/11/1995	17 - 348599.0	3015090.5	27° 15' 01"	082° 31' 45"
14-1	12/11/1995	17 - 349357.6	3013451.2	27° 14' 08"	082° 31' 17"
14-2	12/11/1995	17 - 350522.2	3012829.2	27° 13' 49"	082° 30' 35"
14-3	12/11/1995	17 - 350996.1	3010213.7	27° 12' 24"	082° 30' 16"
14-4	12/11/1995	17 - 351690.6	3009217.9	27° 11' 52"	082° 29' 50"
14-5	12/11/1995	17 - 351728.1	3007587.0	27° 10' 59"	082° 29' 48"
16-1	12/12/1995	17 - 352514.0	3006119.1	27° 10' 11"	082° 29' 19"
16-2	12/12/1995	17 - 352726.3	3005549.5	27° 09' 53"	082° 29' 11"
16-3	12/12/1995	17 - 353482.8	3004186.1	27° 09' 09"	082° 28' 43"
16-4	12/12/1995	17 - 354001.9	3002838.4	27° 08' 25"	082° 28' 24"
16-5	12/12/1995	17 - 354382.0	3002004.8	27° 07' 58"	082° 28' 10"
LB-1	12/12/1995	17 - 358178.0	2991578.3	27° 02' 21"	082° 25' 47"
LB-2	12/12/1995	17 - 359591.0	2989161.3	27° 01' 03"	082° 24' 55"
LB-3	12/12/1995	17 - 360752.9	2986788.0	26° 59' 46"	082° 24' 12"
LB-4	12/12/1995	17 - 362176.6	2985149.1	26° 58' 54"	082° 23' 20"
LB-5	12/12/1995	17 - 364544.3	2981640.7	26° 57' 00"	082° 21' 53"
MU-1	12/13/1995	17 - 367852.5	2998092.5	27° 05' 56"	082° 19' 59"
MU-2	12/13/1995	17 - 368344.3	2996721.7	27° 05' 12"	082° 19' 41"
MU-3	12/13/1995	17 - 369771.0	2994452.8	27° 03' 59"	082° 18' 48"
MU-4	12/13/1995	17 - 370352.4	2993654.7	27° 03' 33"	082° 18' 26"
MU-5	12/13/1995	17 - 371534.9	2992337.1	27° 02' 50"	082° 17' 43"
ML-1	12/13/1995	17 - 372558.0	2991434.8	27° 02' 21"	082° 17' 06"
ML-2	12/13/1995	17 - 373118.9	2990647.1	27° 01' 56"	082° 16' 45"
ML-3	12/13/1995	17 - 373902.1	2990394.1	27° 01' 48"	082° 16' 16"
ML-4	12/13/1995	17 - 373830.2	2989769.3	27° 01' 28"	082° 16' 19"
ML-5	12/13/1995	17 - 374066.8	2988078.5	27° 00' 33"	082° 16' 10"

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temp	pH	Dissolved Oxygen	Salinity	Specific Conduct	BOD	Color	Turbidity	Dissolved TSS	NO2	NO3	NH3	Dissolved Inorganic	Total O2+N	Total NH3	TKN	Total Nitrogen	OP	TP	Chloro-phyll	Secch Depth
	(mm/dd/yy)	(24-hours)		(m)	(m)	(°C)	pH Units	(mg/L)	(ppt)	(µS/cm)	(mg/L)	(APU)	(NTU)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µg/L)	(m)	
10-1	1/22/1996	11:05	Surface	2.0	0.2	15.65	7.83	8.20	29.26	45,148																
10-1	1/22/1996	11:05	Mid	2.0	1.0	15.63	7.83	8.21	29.26	45,153	0.6	5	4.6	7.2	<0.01	<0.01	0.02	0.02	<0.01	0.02	0.38	0.38	0.02	0.04	1.6	1.8
10-1	1/22/1996	11:05	Bottom	2.0	1.8	15.64	7.83	8.21	29.26	45,160																
10-2	1/22/1996	11:50	Surface	2.4	0.2	15.71	7.87	8.32	29.41	45,370																
10-2	1/22/1996	11:50	Mid	2.4	1.0	15.60	7.87	8.32	29.65	45,644	0.6	5	5.0	19.4	0.01	0.02	0.02	0.05	0.05	0.06	0.42	0.47	0.02	0.04	1.1	0.8
10-2	1/22/1996	11:50	Bottom	2.4	2.2	15.57	7.87	8.35	29.75	45,838																
10-3	1/22/1996	11:30	Surface	2.9	0.2	15.25	7.83	8.00	31.05	47,644																
10-3	1/22/1996	11:30	Mid	2.9	1.0	15.24	7.84	8.04	31.04	47,620	0.1	5	5.1	26.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.33	0.33	0.02	0.03	1.1	0.5
10-3	1/22/1996	11:30	Bottom	2.9	2.7	15.24	7.84	8.03	31.03	47,614																
10-4	1/22/1996	12:10	Surface	2.0	0.2	15.43	7.81	8.09	30.00	46,179																
10-4	1/22/1996	12:10	Mid	2.0	1.0	15.39	7.81	8.11	30.00	46,195	0.2	5	8.4	24.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.30	0.30	0.01	0.04	<1.0	0.8
10-4	1/22/1996	12:10	Bottom	2.0	1.8	15.37	7.85	8.14	30.00	46,189																
10-5	1/22/1996	12:25	Surface	3.7	0.2	15.49	7.82	8.08	29.70	45,762																
10-5	1/22/1996	12:25	Mid	3.7	1.0	15.47	7.82	8.11	29.71	45,757	0.2	5	7.2	16.5	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.32	0.32	0.02	0.04	<1.0	1.2
10-5	1/22/1996	12:25	Bottom	3.7	3.5	15.45	7.85	8.15	29.68	45,742																
11-1	1/22/1996	10:45	Surface	2.9	0.2	15.81	7.81	8.31	29.25	45,137																
11-1	1/22/1996	10:45	Mid	2.9	1.0	15.80	7.82	8.38	29.25	45,134	0.5	5	1.2	4.0	<0.01	<0.01	<0.01	<0.01	0.01	0.01	0.41	0.42	0.01	0.06	<1.0	2.9*
11-1	1/22/1996	10:45	Bottom	2.9	2.7	15.79	7.87	8.48	29.24	45,128																
11-2	1/22/1996	10:10	Surface	2.4	0.2	15.94	7.79	8.35	28.94	44,702																
11-2	1/22/1996	10:10	Mid	2.4	1.0	15.89	7.80	8.37	29.14	44,976	0.4	5	1.3	3.8	<0.01	0.02	<0.01	0.02	0.02	0.01	0.40	0.42	0.01	0.05	1.1	2.6*
11-2	1/22/1996	10:10	Bottom	2.4	2.2	15.87	7.81	8.46	29.22	45,093																
11-2 Rep	1/22/1996	10:20	Surface	2.4	0.2	15.95	7.80	8.34	28.93	44,690																
11-2 Rep	1/22/1996	10:20	Mid	2.4	1.0	15.90	7.80	8.38	29.11	44,919	0.4	5	1.7	3.4	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.38	0.40	0.01	0.03	1.1	2.6*
11-2 Rep	1/22/1996	10:20	Bottom	2.4	2.2	15.87	7.81	8.46	29.22	45,098																
11-3	1/22/1996	13:25	Surface	3.7	0.2	16.29	7.85	8.30	29.43	45,383																
11-3	1/22/1996	13:25	Mid	3.7	1.0	16.26	7.85	8.31	29.44	45,388	0.7	5	1.9	10.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.31	0.31	0.01	0.03	<1.0	3.0
11-3	1/22/1996	13:25	Bottom	3.7	3.5	16.17	7.86	8.32	29.43	45,387																
11-4	1/22/1996	13:05	Surface	4.5	0.2	16.22	7.87	8.66	29.23	45,096																
11-4	1/22/1996	13:05	Mid	4.5	1.0	16.20	7.87	8.63	29.25	45,124	0.3	5	3.0	6.6	<0.01	0.01	<0.01	0.01	0.01	0.02	0.36	0.37	<0.01	0.03	<1.0	2.3
11-4	1/22/1996	13:05	Bottom	4.5	4.3	15.89	7.83	8.66	29.55	45,560																
11-5	1/22/1996	12:45	Surface	1.7	0.2	16.68	7.84	8.33	26.08	40,686																
11-5	1/22/1996	12:45	Mid	1.7	0.8	16.05	7.87	8.57	27.64	42,885	0.3	10	1.6	10.8	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.42	0.42	0.01	0.06	1.1	1.7*
11-5	1/22/1996	12:45	Bottom	1.7	1.5	16.06	7.86	8.49	27.71	42,991																
13-1	1/23/1996	14:00	Surface	1.8	0.2	17.66	7.85	9.62	25.35	39,239																
13-1	1/23/1996	14:00	Mid	1.8	0.9	17.36	7.89	9.86	26.52	39,335	0.7	15	1.4	2.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.00	1.00	0.01	0.06	1.1	1.8*
13-1	1/23/1996	14:00	Bottom	1.8	1.6	17.40	8.00	9.87	26.48	39,515																
13-2	1/23/1996	13:45	Surface	1.3	0.2	17.78	7.77	8.42	24.40	39,242																
13-2	1/23/1996	13:45	Mid	1.3	0.6	17.62	7.79	8.50	24.65	39,277	0.9	15	1.0	7.2	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.53	0.54	0.01	0.06	1.0	1.3*
13-2	1/23/1996	13:45	Bottom	1.3	1.1	17.63	7.99	9.36	28.00	39,422																
13-3	1/23/1996	13:30	Surface	1.5	0.2	17.92	7.84	9.26	24.19	39,070																
13-3	1/23/1996	13:30	Mid	1.5	0.7	17.89	7.85	9.25	24.21	39,073	1.0	15	1.6	3.0	<0.01	0.01	0.01	0.02	0.01	0.02	0.38	0.39	0.02	0.08	2.7	1.5*
13-3	1/23/1996	13:30	Bottom	1.5	1.3	17.73	7.85	9.06	24.48	39,073																
13-4	1/23/1996	12:55	Surface	1.6	0.2	17.65	7.79	8.80	23.66	38,767																
13-4	1/23/1996	12:55	Mid	1.6	0.8	17.63	7.80	8.82	23.74	38,744	1.4	15	1.0	5.8	<0.01	0.03	<0.01	0.03	0.03	<0.01	0.44	0.47	0.01	0.07	2.7	1.6*
13-4	1/23/1996	12:55	Bottom	1.6	1.4	17.63	7.81	8.87	23.81	38,753																
13-5	1/23/1996	12:30	Surface	1.6	0.2	17.66	7.79	8.61	23.75	37,380																
13-5	1/23/1996	12:30	Mid	1.6	0.8	17.58	7.80	8.64	23.76	37,404	1.2	15	1.0	13.6	0.01	0.05	0.01	0.07	0.06	0.03	0.39	0.45	0.01	0.08	1.1	1.6*
13-5	1/23/1996	12:30	Bottom	1.6	1.4	17.54	7.82	8.69	23.77	37,406																
14-1	1/23/1996	12:05	Surface	1.6	0.2	17.60	7.78	8.49	23.83	37,501																
14-1	1/23/1996	12:05	Mid	1.6	0.8	17.52	7.78	8.53	23.85	37,522	1.2	15	1.8	2.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.51	0.51	0.02	0.10	2.7	1.6*
14-1	1/23/1996	12:05	Bottom	1.6	1.4	17.43	7.78	8.57	23.87	37,553																
14-2	1/23/1996	11:45	Surface	1.4	0.2	17.47	7.78	8.47	23.92	37,623																
14-2	1/23/1996	11:45	Mid	1.4	0.7	17.43	7.78	8.47	23.92	37,621	1.5	20	2.8	11.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.54	0.54	0.02	0.09	3.2	1.4*
14-2	1/23/1996	11:45	Bottom	1.4	1.2	17.43	7.79	8.47	23.91	37,617																

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH pH Units	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	Dissolved TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic (mg/L)	Total O2+N (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chlorophyll (µg/L)	Secchi Depth (m)
14-3	1/23/1996	11:30	Surface	0.9	0.2	17.38	7.86	8.81	23.52	37,050																
14-3	1/23/1996	11:30	Mid	0.9	0.4	17.37	7.87	8.89	23.52	37,057	2.9	15	2.2	9.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.46	0.46	0.02	0.07	4.3	0.9*
14-3	1/23/1996	11:30	Bottom	0.9	0.7	17.36	7.89	8.89	23.52	37,057																
14-4	1/23/1996	11:15	Surface	1.1	0.2	17.06	7.79	8.69	23.97	37,688																
14-4	1/23/1996	11:15	Mid	1.1	0.5	17.04	7.80	8.68	23.96	37,687	3.0	15	2.6	18.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.63	0.63	0.01	0.07	4.3	1.1*
14-4	1/23/1996	11:15	Bottom	1.1	0.9	16.97	7.80	8.70	23.97	37,696																
14-5	1/23/1996	10:55	Surface	2.2	0.2	17.04	7.73	8.49	24.89	39,004																
14-5	1/23/1996	10:55	Mid	2.2	1.0	17.02	7.74	8.53	24.92	39,042	2.0	20	1.4	13.2	<0.01	0.01	0.03	0.04	0.02	0.09	0.56	0.58	<0.01	0.06	2.1	2.2*
14-5	1/23/1996	10:55	Bottom	2.2	2.0	17.01	7.77	8.63	24.92	39,045																
14-5 Rep	1/23/1996	11:05	Surface	2.2	0.2	17.03	7.74	8.48	24.88	38,992																
14-5 Rep	1/23/1996	11:05	Mid	2.2	1.0	17.01	7.74	8.53	24.91	39,032	1.8	20	1.2	13.8	<0.01	0.01	0.04	0.05	0.01	0.09	0.55	0.56	<0.01	0.08	1.9	2.2*
14-5 Rep	1/23/1996	11:05	Bottom	2.2	2.0	17.00	7.75	8.55	25.01	39,176																
16-1	1/24/1996	13:30	Surface	2.1	0.2	18.54	7.70	7.81	27.66	42,891																
16-1	1/24/1996	13:30	Mid	2.1	1.0	18.52	7.70	7.82	27.64	42,878	0.9	10	0.8	14.0	<0.01	<0.01	0.02	0.02	<0.01	0.02	0.32	0.32	0.03	0.06	1.1	2.1*
16-1	1/24/1996	13:30	Bottom	2.1	1.9	18.49	7.72	7.86	27.64	42,875																
16-2	1/24/1996	13:10	Surface	1.4	0.2	18.23	7.71	7.85	28.75	44,416																
16-2	1/24/1996	13:10	Mid	1.4	0.7	18.21	7.71	7.85	28.74	44,399	1.0	10	1.3	14.4	<0.01	0.01	0.04	0.05	0.01	0.09	0.30	0.31	0.02	0.06	1.6	1.4*
16-2	1/24/1996	13:10	Bottom	1.4	1.2	17.95	7.71	7.89	29.08	44,870																
16-3	1/24/1996	12:55	Surface	1.1	0.2	17.61	7.74	8.34	30.05	46,223																
16-3	1/24/1996	12:55	Mid	1.1	0.5	17.61	7.74	8.37	30.05	46,218	1.0	10	1.1	12.4	<0.01	<0.01	0.02	0.02	<0.01	0.04	0.26	0.26	0.02	0.06	1.6	1.1*
16-3	1/24/1996	12:55	Bottom	1.1	0.9	17.62	7.75	8.41	30.05	46,212																
16-4	1/24/1996	12:45	Surface	1.6	0.2	17.56	7.75	8.47	30.21	46,444																
16-4	1/24/1996	12:45	Mid	1.6	0.8	17.52	7.75	8.48	30.20	46,431	0.7	10	0.6	15.0	<0.01	0.01	<0.01	0.01	0.03	0.01	0.23	0.26	0.01	0.05	1.1	1.6*
16-4	1/24/1996	12:45	Bottom	1.6	1.4	17.45	7.76	8.50	30.21	46,440																
16-5	1/24/1996	12:25	Surface	1.3	0.2	17.14	7.70	8.21	30.17	46,390																
16-5	1/24/1996	12:25	Mid	1.3	0.6	17.15	7.71	8.23	30.11	46,304	0.6	10	1.0	7.0	<0.01	<0.01	<0.01	<0.01	0.01	0.04	0.23	0.24	0.01	0.06	1.1	1.3*
16-5	1/24/1996	12:25	Bottom	1.3	1.1	17.19	7.70	8.26	30.07	46,246																
LB-1	1/24/1996	11:25	Surface	1.6	0.2	18.99	7.52	7.98	22.57	35,700																
LB-1	1/24/1996	11:25	Mid	1.6	0.8	18.58	7.51	7.67	22.63	35,773	2.9	30	1.0	12.0	<0.01	<0.01	<0.01	<0.01	0.02	0.04	0.42	0.44	0.06	0.15	6.4	1.6*
LB-1	1/24/1996	11:25	Bottom	1.6	1.4	18.41	7.51	7.55	22.70	35,881																
LB-2	1/24/1996	11:10	Surface	1.0	0.2	19.03	7.58	8.30	22.78	35,987																
LB-2	1/24/1996	11:10	Mid	1.0	0.5	18.87	7.60	8.05	22.97	36,264	3.3	30	1.0	17.8	<0.01	0.06	0.02	0.08	0.10	0.06	0.55	0.65	0.08	0.16	5.9	1.0*
LB-2	1/24/1996	11:10	Bottom	1.0	0.8	18.73	7.58	7.90	23.20	36,647																
LB-3	1/24/1996	10:50	Surface	1.0	0.2	18.85	7.64	8.57	23.21	36,613																
LB-3	1/24/1996	10:50	Mid	1.0	0.5	18.85	7.64	8.57	23.21	36,605	5.2	20	0.4	18.2	<0.01	0.01	<0.01	0.01	0.01	0.01	0.61	0.62	0.07	0.15	9.6	1.0*
LB-3	1/24/1996	10:50	Bottom	1.0	0.8	18.83	7.65	8.58	23.20	36,603																
LB-4	1/24/1996	10:30	Surface	0.8	0.2	18.83	7.69	8.03	24.16	37,969																
LB-4	1/24/1996	10:30	Mid	0.8	0.4	18.82	7.69	8.09	24.17	37,970	2.5	20	0.3	5.6	0.01	0.06	0.06	0.13	0.10	0.08	0.46	0.56	0.06	0.13	3.7	0.8*
LB-4	1/24/1996	10:30	Bottom	0.8	0.6	18.81	7.70	8.12	24.15	37,960																
LB-5	1/24/1996	10:00	Surface	1.7	0.2	18.20	7.69	7.78	26.31	41,003																
LB-5	1/24/1996	10:00	Mid	1.7	0.8	18.17	7.68	7.24	26.32	41,027	1.9	10	0.7	14.0	0.01	0.03	0.04	0.08	0.07	0.08	0.38	0.45	0.06	0.10	3.2	1.7*
LB-5	1/24/1996	10:00	Bottom	1.7	1.5	18.39	7.64	6.85	27.65	42,900																
LB-5 Rep	1/24/1996	10:10	Surface	1.7	0.2	18.20	7.69	7.80	26.31	41,010																
LB-5 Rep	1/24/1996	10:10	Mid	1.7	0.8	18.18	7.68	7.72	26.34	41,051	2.0	10	0.8	14.0	0.01	0.02	0.03	0.06	0.05	0.06	0.35	0.40	0.05	0.09	3.2	1.7*
LB-5 Rep	1/24/1996	10:10	Bottom	1.7	1.5	18.39	7.64	6.95	27.77	43,066																
ML-1	1/25/1996	11:05	Surface	1.0	0.2	19.52	6.97	7.56	0.26	534																
ML-1	1/25/1996	11:05	Mid	1.0	0.5	19.52	6.97	7.55	0.25	512	0.9	125	1.3	1.6	0.01	0.04	0.04	0.09	0.06	0.07	0.57	0.63	0.16	0.30	1.6	1.0*
ML-1	1/25/1996	11:05	Bottom	1.0	0.8	19.53	6.97	7.52	0.24	501																
ML-2	1/25/1996	10:50	Surface	1.0	0.2	19.72	6.97	7.47	0.46	936																
ML-2	1/25/1996	10:50	Mid	1.0	0.5	19.72	6.97	7.46	0.46	940	0.6	125	1.1	1.2	0.01	0.04	0.06	0.11	0.05	0.08	0.75	0.80	0.15	0.28	1.1	1.0*
ML-2	1/25/1996	10:50	Bottom	1.0	0.8	19.71	6.96	7.37	0.47	953																
ML-3	1/25/1996	10:35	Surface	2.5	0.2	19.83	6.99	7.55	0.72	1,424																
ML-3	1/25/1996	10:35	Mid	2.5	1.0	19.91	7.00	7.53	0.79	1,607	0.6	150	1.7	2.2	0.01	0.06	0.01	0.08	0.07	0.04	0.70	0.77	0.13	0.26	2.1	1.2
ML-3	1/25/1996	10:35	Bottom	2.5	2.3	19.92	6.98	7.50	0.93	1,815																

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH pH Units	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	Dissolved TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic (mg/L)	Total O2+N (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
ML-4	1/25/1996	10:10	Surface	3.2	0.2	20.09	7.10	7.71	0.98	1,931																
ML-4	1/25/1996	10:10	Mid	3.2	1.0	20.08	7.09	7.72	0.99	1,946	0.7	100	1.8	2.6	0.02	0.06	0.03	0.11	0.08	0.06	0.85	0.93	0.10	0.23	2.7	1.1
ML-4	1/25/1996	10:10	Bottom	3.2	3.0	20.04	7.09	7.73	1.03	2,013																
ML-5	1/25/1996	9:55	Surface	1.6	0.2	20.11	7.11	7.64	1.79	3,434																
ML-5	1/25/1996	9:55	Mid	1.6	0.8	20.12	7.10	7.62	1.86	3,524	0.9	75	2.5	4.4	0.01	0.03	0.03	0.07	0.07	0.07	0.81	0.88	0.08	0.21	1.8	1.1
ML-5	1/25/1996	9:55	Bottom	1.6	1.4	20.11	7.09	7.62	1.91	3,618																
ML-5 Rep	1/25/1996	10:00	Surface	1.6	0.2	20.11	7.11	7.65	1.80	3,417																
ML-5 Rep	1/25/1996	10:00	Mid	1.6	0.8	20.13	7.10	7.62	1.86	3,535	0.7	75	2.8	3.8	0.01	0.03	0.04	0.08	0.07	0.09	0.79	0.86	0.08	0.21	2.1	1.1
ML-5 Rep	1/25/1996	10:00	Bottom	1.6	1.4	20.11	7.09	7.61	1.91	3,625																
MU-1	1/25/1996	12:50	Surface	1.7	0.2	19.48	6.78	7.47	0.14	300																
MU-1	1/25/1996	12:50	Mid	1.7	0.8	19.47	6.79	7.48	0.14	300	0.7	125	0.9	2.2	0.01	0.02	0.01	0.04	0.03	0.02	0.64	0.67	0.19	0.28	2.7	1.1
MU-1	1/25/1996	12:50	Bottom	1.7	1.5	19.45	6.82	7.51	0.14	302																
MU-2	1/25/1996	12:25	Surface	2.1	0.2	19.43	6.81	7.43	0.15	301																
MU-2	1/25/1996	12:25	Mid	2.1	1.0	19.40	6.81	7.38	0.15	309	0.7	100	1.6	2.4	0.01	0.02	0.01	0.04	0.06	0.06	0.64	0.70	0.21	0.31	1.6	1.1
MU-2	1/25/1996	12:25	Bottom	2.1	1.9	19.39	6.81	7.30	0.15	317																
MU-3	1/25/1996	12:10	Surface	1.1	0.2	19.09	6.83	7.62	0.15	308																
MU-3	1/25/1996	12:10	Mid	1.1	0.5	19.07	6.84	7.63	0.15	312	0.7	100	0.8	2.4	0.01	0.04	0.04	0.09	0.08	0.06	0.67	0.75	0.19	0.31	1.6	1.1*
MU-3	1/25/1996	12:10	Bottom	1.1	0.9	19.05	6.85	7.66	0.15	308																
MU-4	1/25/1996	11:50	Surface	0.9	0.2	19.03	6.91	7.63	0.15	320																
MU-4	1/25/1996	11:50	Mid	0.9	0.4	19.01	6.91	7.62	0.15	316	0.8	100	0.7	3.0	0.01	0.04	0.06	0.11	0.06	0.07	0.62	0.68	0.17	0.30	1.6	0.9*
MU-4	1/25/1996	11:50	Bottom	0.9	0.7	19.00	6.91	7.60	0.15	320																
MU-5	1/25/1996	11:25	Surface	1.9	0.2	18.98	6.94	7.57	0.15	324																
MU-5	1/25/1996	11:25	Mid	1.9	0.9	18.94	6.94	7.57	0.16	327	0.7	125	1.0	2.0	0.01	0.02	0.02	0.05	0.05	0.07	0.57	0.62	0.18	0.32	2.1	1.3
MU-5	1/25/1996	11:25	Bottom	1.9	1.7	18.90	6.93	7.56	0.16	334																
Equip Blank	1/22/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.1	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	1/23/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	1/24/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<1.0	NA	
Equip Blank	1/25/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.01	<0.01	0.01	<0.01	0.01	0.01	<0.01	<0.01	0.01	<0.01	<1.0	NA	
10-1	2/15/1996	11:45	Surface	2.7	0.2	15.67	7.73	8.27	30.63	47,055																
10-1	2/15/1996	11:45	Mid	2.7	1.0	15.68	7.73	8.27	30.63	47,055	1.6	5	2.3	<0.2	<0.01	0.01	0.01	0.02	0.02	0.04	0.16	0.18	0.01	0.01	<1.0	1.7
10-1	2/15/1996	11:45	Bottom	2.7	2.5	15.68	7.74	8.28	30.64	47,059																
10-2	2/15/1996	12:00	Surface	1.6	0.2	15.67	7.73	8.25	30.66	47,097																
10-2	2/15/1996	12:00	Mid	1.6	0.8	15.66	7.73	8.24	30.66	47,095	1.2	10	0.6	7.8	0.01	0.02	0.04	0.07	0.03	0.04	0.11	0.14	0.01	0.03	1.1	0.8
10-2	2/15/1996	12:00	Bottom	1.6	1.4	15.66	7.74	8.24	30.66	47,096																
10-3	2/15/1996	12:15	Surface	1.1	0.2	15.62	7.74	8.34	30.66	47,097																
10-3	2/15/1996	12:15	Mid	1.1	0.5	15.61	7.74	8.34	30.66	47,095	1.4	5	0.8	5.6	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.11	0.12	0.01	0.01	1.1	1.0
10-3	2/15/1996	12:15	Bottom	1.1	0.9	15.61	7.75	8.33	30.66	47,092																
10-4	2/15/1996	12:30	Surface	4.1	0.2	15.79	7.73	8.30	30.67	47,110																
10-4	2/15/1996	12:30	Mid	4.1	1.0	15.69	7.73	8.22	30.69	47,130	1.0	10	2.5	10.2	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.09	0.10	0.01	0.01	1.1	1.3
10-4	2/15/1996	12:30	Bottom	4.1	3.9	15.52	7.73	8.15	30.72	47,183																
10-5	2/15/1996	12:45	Surface	4.9	0.2	15.60	7.71	8.13	30.76	47,233																
10-5	2/15/1996	12:45	Mid	4.9	1.0	15.60	7.71	8.13	30.76	47,233	0.9	10	3.1	12.6	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.09	0.10	<0.01	0.03	1.1	0.9
10-5	2/15/1996	12:45	Bottom	4.9	4.7	15.56	7.72	8.12	30.77	47,254																
11-1	2/15/1996	11:30	Surface	3.2	0.2	15.56	7.74	8.42	30.40	46,739																
11-1	2/15/1996	11:30	Mid	3.2	1.0	15.55	7.74	8.44	30.40	46,739	0.8	10	0.3	19.0	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.10	0.11	0.01	0.02	< 1.0	3.2*
11-1	2/15/1996	11:30	Bottom	3.2	3.0	15.55	7.75	8.44	30.40	46,734																
11-2	2/15/1996	11:10	Surface	3.3	0.2	15.66	7.74	8.44	30.29	46,583																
11-2	2/15/1996	11:10	Mid	3.3	1.0	15.66	7.74	8.46	30.29	46,578	0.8	5	0.3	3.0	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.15	0.16	0.01	0.01	< 1.0	3.3*
11-2	2/15/1996	11:10	Bottom	3.3	3.1	15.66	7.75	8.50	30.29	46,587																
11-3	2/15/1996	11:00	Surface	2.6	0.2	15.92	7.72	8.23	30.24	46,506																
11-3	2/15/1996	11:00	Mid	2.6	1.0	15.91	7.72	8.30	30.24	46,512	1.0	5	0.4	8.4	<0.01	0.01	0.02	0.03	0.01	0.02	0.16	0.17	0.02	0.02	1.6	2.6*
11-3	2/15/1996	11:00	Bottom	2.6	2.4	15.92	7.74	8.29	30.25	46,517																
11-4	2/15/1996	10:40	Surface	1.5	0.2	15.44	7.67	8.16	30.76	47,242																
11-4	2/15/1996	10:40	Mid	1.5	0.7	15.44	7.67	8.18	30.76	47,245	0.8	5	7.2	9.6	<0.01	0.01	0.01	0.02	0.01	0.01	0.16	0.17	0.02	0.02	1.1	1.5*

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Sample		Temp (°C)	pH	Dissolved		Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	Dissolved					Total O2+N (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)	
				Depth (m)	Depth (m)			Oxygen (mg/L)	Salinity (ppt)					NO2 (mg/L)	NO3 (mg/L)	NH3 (mg/L)	Inorganic (mg/L)										
11-4	2/15/1996	10:40	Bottom	1.5	1.3	15.44	7.68	8.20	30.76	47,243																	
11-5	2/15/1996	10:15	Surface	2.4	0.2	16.02	7.66	8.07	29.84	45,946																	
11-5	2/15/1996	10:15	Mid	2.4	1.0	16.01	7.65	8.21	29.85	45,967	0.8	5	1.1	4.0	<0.01	0.01	0.02	0.03	0.01	0.02	0.13	0.14	0.02	0.03	< 1.0	2.4*	
11-5	2/15/1996	10:15	Bottom	2.4	2.2	15.67	7.67	8.34	30.30	46,602																	
11-5 Rep	2/15/1996	10:25	Surface	2.4	0.2	16.02	7.66	8.06	29.84	45,949																	
11-5 Rep	2/15/1996	10:25	Mid	2.4	1.0	16.01	7.66	8.15	29.85	45,972	0.8	5	1.2	3.8	<0.01	0.01	0.03	0.04	0.01	0.03	0.14	0.15	0.02	0.02	< 1.0	2.4*	
11-5 Rep	2/15/1996	10:25	Bottom	2.4	2.2	15.68	7.67	8.36	30.29	46,584																	
13-1	2/14/1996	13:05	Surface	1.7	0.2	15.55	7.76	8.55	29.38	45,324																	
13-1	2/14/1996	13:05	Mid	1.7	0.8	15.55	7.77	8.63	29.41	45,360	0.8	10	1.0	3.6	<0.01	0.03	0.02	0.05	0.03	0.02	0.11	0.14	0.01	0.02	< 1.0	1.7*	
13-1	2/14/1996	13:05	Bottom	1.7	1.5	15.63	7.84	9.90	29.80	45,902																	
13-2	2/14/1996	12:50	Surface	1.4	0.2	15.57	7.73	8.23	28.92	44,671																	
13-2	2/14/1996	12:50	Mid	1.4	0.7	15.54	7.73	8.27	29.11	44,948	0.8	10	1.3	2.6	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.13	0.14	0.02	0.04	< 1.0	1.4*	
13-2	2/14/1996	12:50	Bottom	1.4	1.2	15.25	7.74	8.31	29.53	45,542																	
13-3	2/14/1996	12:20	Surface	3.7	0.2	15.93	7.74	8.70	27.19	42,264																	
13-3	2/14/1996	12:20	Mid	3.7	1.0	15.68	7.73	8.49	27.72	42,987	1.2	10	0.4	5.0	<0.01	0.01	0.02	0.03	0.02	0.02	0.13	0.15	0.03	0.12	1.1	3.7*	
13-3	2/14/1996	12:20	Bottom	3.7	3.5	15.33	7.74	8.48	28.03	43,449																	
13-4	2/14/1996	11:55	Surface	1.5	0.2	15.39	7.75	8.53	27.61	42,853																	
13-4	2/14/1996	11:55	Mid	1.5	0.7	15.32	7.74	8.57	27.61	42,874	1.2	10	0.2	11.8	<0.01	0.01	0.01	0.02	0.01	0.01	0.20	0.21	0.03	0.05	1.1	1.5*	
13-4	2/14/1996	11:55	Bottom	1.5	1.3	15.31	7.74	8.56	27.61	42,864																	
13-5	2/14/1996	11:35	Surface	2.1	0.2	15.32	7.72	8.22	27.05	42,085																	
13-5	2/14/1996	11:35	Mid	2.1	1.0	15.18	7.72	8.25	27.26	42,363	1.2	10	0.2	18.4	<0.01	0.01	0.01	0.02	0.01	0.01	0.19	0.20	0.03	0.03	1.1	2.1*	
13-5	2/14/1996	11:35	Bottom	2.1	1.9	15.17	7.73	8.25	27.26	42,372																	
14-1	2/14/1996	11:20	Surface	1.9	0.2	15.56	7.71	8.14	26.60	41,429																	
14-1	2/14/1996	11:20	Mid	1.9	0.9	15.52	7.71	8.13	26.61	41,450	1.4	5	0.2	1.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.21	0.21	0.03	0.05	1.1	1.9*	
14-1	2/14/1996	11:20	Bottom	1.9	1.7	15.49	7.71	8.13	26.65	41,506																	
14-2	2/14/1996	11:10	Surface	1.7	0.2	15.43	7.74	8.43	25.26	40,961																	
14-2	2/14/1996	11:10	Mid	1.7	0.8	15.41	7.73	8.37	26.31	41,023	1.7	10	0.1	4.0	<0.01	<0.01	0.01	0.01	<0.01	0.01	0.21	0.21	0.03	0.04	1.6	1.7*	
14-2	2/14/1996	11:10	Bottom	1.7	1.5	15.49	7.72	8.29	26.62	41,473																	
14-3	2/14/1996	10:55	Surface	3.7	0.2	14.99	7.68	7.75	25.62	40,061																	
14-3	2/14/1996	10:55	Mid	3.7	1.0	14.86	7.67	7.58	25.60	40,071	2.1	15	0.2	3.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.18	0.18	0.04	0.05	1.1	3.0	
14-3	2/14/1996	10:55	Bottom	3.7	3.5	14.86	7.63	7.46	25.61	40,078																	
14-4	2/14/1996	10:35	Surface	1.3	0.2	15.12	7.72	8.35	25.66	40,114																	
14-4	2/14/1996	10:35	Mid	1.3	0.6	15.10	7.73	8.38	25.66	40,119	1.8	10	0.8	8.6	<0.01	0.01	0.01	0.02	0.01	0.01	0.24	0.25	0.03	0.06	3.2	1.3*	
14-4	2/14/1996	10:35	Bottom	1.3	1.1	15.12	7.74	8.41	25.66	40,113																	
14-5	2/14/1996	10:00	Surface	1.5	0.2	14.94	7.62	7.45	26.07	40,700																	
14-5	2/14/1996	10:00	Mid	1.5	0.7	14.93	7.62	7.47	26.06	40,691	2.4	10	0.9	4.0	<0.01	0.03	0.05	0.08	0.03	0.06	0.18	0.21	0.03	0.05	3.7	1.5*	
14-5	2/14/1996	10:00	Bottom	1.5	1.3	14.93	7.61	7.49	26.06	40,683																	
14-5 Rep	2/14/1996	10:15	Surface	1.5	0.2	14.94	7.62	7.45	26.07	40,701																	
14-5 Rep	2/14/1996	10:15	Mid	1.5	0.7	14.93	7.62	7.47	26.06	40,691	2.2	10	0.9	4.8	<0.01	0.02	0.04	0.06	0.02	0.06	0.19	0.21	0.02	0.04	3.7	1.5*	
14-5 Rep	2/14/1996	10:15	Bottom	1.5	1.3	14.94	7.61	7.48	26.06	40,689																	
16-1	2/13/1996	13:55	Surface	3.3	0.2	16.13	7.82	7.90	25.85	40,372																	
16-1	2/13/1996	13:55	Mid	3.3	1.0	16.10	7.81	7.88	25.88	40,411	1.9	15	0.7	10.2	<0.01	0.02	<0.01	0.02	0.04	<0.01	0.39	0.43	0.05	0.08	2.1	2.5	
16-1	2/13/1996	13:55	Bottom	3.3	3.1	16.07	7.81	7.83	25.91	40,451																	
16-1 Rep	2/13/1996	14:05	Surface	3.3	0.2	16.12	7.82	7.93	25.86	40,376																	
16-1 Rep	2/13/1996	14:05	Mid	3.3	1.0	16.11	7.81	7.89	25.89	40,433	1.6	15	0.6	4.2	<0.01	0.03	<0.01	0.03	0.03	<0.01	0.61	0.64	0.05	0.08	3.2	2.5	
16-1 Rep	2/13/1996	14:05	Bottom	3.3	3.1	16.10	7.81	7.82	25.91	40,450																	
16-2	2/13/1996	13:45	Surface	3.0	0.2	16.48	7.84	8.02	26.07	40,684																	
16-2	2/13/1996	13:45	Mid	3.0	1.0	16.30	7.84	7.96	26.13	40,771	1.9	10	0.6	1.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.48	0.48	0.04	0.08	2.1	2.5	
16-2	2/13/1996	13:45	Bottom	3.0	2.8	16.24	7.83	7.93	26.13	40,764																	
16-3	2/13/1996	13:30	Surface	1.6	0.2	16.28	7.85	8.32	26.35	41,080																	
16-3	2/13/1996	13:30	Mid	1.6	0.8	16.29	7.85	8.31	26.35	41,075	2.6	15	2.8	8.6	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.53	0.54	0.04	0.08	2.7	1.6*	
16-3	2/13/1996	13:30	Bottom	1.6	1.4	16.33	7.85	8.29	26.35	41,078																	
16-4	2/13/1996	13:15	Surface	2.0	0.2	16.25	7.81	7.97	26.81	41,720																	
16-4	2/13/1996	13:15	Mid	2.0	1.0	16.18	7.81	7.95	26.81	41,714	1.4	10	0.3	9.0	<0.01	0.01	<0.01										

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temp	pH	Dissolved Oxygen	Salinity	Specific Conduct	BOD	Color	Turbidity	Dissolved TSS	Dissolved NO2	Dissolved NO3	Dissolved NH3	Dissolved Inorganic	Total O2+N	Total NH3	TKN	Total Nitrogen	OP	TP	Chloro-phyll	Secchi Depth
	(mm/dd/yy)	(24-hours)		(m)	(m)	(°C)	pH Units	(mg/L)	(ppt)	(µS/cm)	(mg/L)	(APU)	(NTU)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µg/L)	(m)	
16-4	2/13/1996	13:15	Bottom	2.0	1.8	16.04	7.80	7.92	26.92	41,878																
16-5	2/13/1996	13:00	Surface	3.1	0.2	16.39	7.80	8.13	26.96	41,931																
16-5	2/13/1996	13:00	Mid	3.1	1.0	16.27	7.79	8.12	27.02	42,011	1.6	10	2.3	1.0	<0.01	0.03	0.02	0.05	0.03	0.02	0.57	0.60	0.03	0.07	1.6	2.1
16-5	2/13/1996	13:00	Bottom	3.1	2.9	15.82	7.76	8.12	29.37	45,303																
LB-1	2/13/1996	12:05	Surface	2.5	0.2	16.65	7.60	7.49	26.80	41,692																
LB-1	2/13/1996	12:05	Mid	2.5	1.0	16.33	7.58	7.40	26.77	41,670	0.5	20	0.9	7.0	<0.01	0.04	<0.01	0.04	0.04	<0.01	0.49	0.53	0.05	0.07	1.1	2.5*
LB-1	2/13/1996	12:05	Bottom	2.5	2.3	16.34	7.59	7.41	26.77	41,663																
LB-2	2/13/1996	11:10	Surface	2.3	0.2	16.04	7.52	7.48	26.63	41,477																
LB-2	2/13/1996	11:10	Mid	2.3	1.0	16.15	7.50	7.37	26.80	41,711	0.5	20	0.3	6.6	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.36	0.37	0.06	0.06	<1.0	2.3*
LB-2	2/13/1996	11:10	Bottom	2.3	2.1	16.02	7.51	7.38	26.89	41,827																
LB-3	2/13/1996	10:50	Surface	0.9	0.2	15.46	7.49	7.23	25.95	40,513																
LB-3	2/13/1996	10:50	Mid	0.9	0.4	15.52	7.48	7.20	26.06	40,686	2.2	20	0.6	7.2	<0.01	0.01	0.01	0.02	0.02	0.02	0.62	0.64	0.08	0.12	2.7	0.9*
LB-3	2/13/1996	10:50	Bottom	0.9	0.7	15.63	7.47	7.19	26.19	40,874																
LB-4	2/13/1996	10:25	Surface	0.8	0.2	15.10	7.51	7.41	26.57	41,408																
LB-4	2/13/1996	10:25	Mid	0.8	0.4	15.08	7.51	7.41	26.57	41,403	4.8	15	1.0	6.0	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.77	0.78	0.08	0.15	6.9	0.8*
LB-4	2/13/1996	10:25	Bottom	0.8	0.6	15.03	7.50	7.42	26.57	41,403																
LB-5	2/13/1996	10:00	Surface	0.9	0.2	15.63	7.49	6.94	26.63	41,476																
LB-5	2/13/1996	10:00	Mid	0.9	0.4	15.63	7.49	6.93	26.63	41,477	2.6	15	0.7	8.4	<0.01	0.03	0.01	0.04	0.04	0.01	0.83	0.87	0.08	0.12	4.8	0.9*
LB-5	2/13/1996	10:00	Bottom	0.9	0.7	15.63	7.49	6.92	26.63	41,475																
ML-1	2/12/1996	11:20	Surface	1.9	0.2	18.52	7.13	8.29	0.32	663																
ML-1	2/12/1996	11:20	Mid	1.9	0.9	18.42	7.11	8.20	0.38	763	1.4	125	1.7	3.0	<0.01	0.17	<0.01	0.17	0.19	<0.01	0.77	0.96	0.21	0.25	5.3	1.4
ML-1	2/12/1996	11:20	Bottom	1.9	1.7	18.50	7.05	7.97	0.68	1,348																
ML-2	2/12/1996	11:00	Surface	2.2	0.2	18.80	7.17	8.17	1.33	2,572																
ML-2	2/12/1996	11:00	Mid	2.2	1.0	18.80	7.16	8.13	1.36	2,608	0.8	125	1.2	3.4	<0.01	0.14	<0.01	0.14	0.14	<0.01	0.92	1.06	0.21	0.26	2.7	1.2
ML-2	2/12/1996	11:00	Bottom	2.2	2.0	18.94	7.13	8.03	1.59	3,040																
ML-3	2/12/1996	10:40	Surface	2.4	0.2	19.07	7.19	8.24	1.93	3,649																
ML-3	2/12/1996	10:40	Mid	2.4	1.0	19.06	7.18	8.20	1.94	3,661	1.3	100	1.4	6.0	<0.01	0.12	<0.01	0.12	0.12	<0.01	0.65	0.77	0.16	0.16	4.3	1.0
ML-3	2/12/1996	10:40	Bottom	2.4	2.2	18.57	7.17	8.27	2.00	3,767																
ML-4	2/12/1996	10:20	Surface	2.0	0.2	18.83	7.18	8.22	2.62	4,859																
ML-4	2/12/1996	10:20	Mid	2.0	1.0	18.83	7.17	8.21	2.69	4,992	1.2	150	1.4	5.2	<0.01	0.15	<0.01	0.15	0.15	<0.01	0.58	0.73	0.16	0.18	9.6	1.0
ML-4	2/12/1996	10:20	Bottom	2.0	1.8	18.83	7.15	8.13	2.85	5,270																
ML-5	2/12/1996	10:00	Surface	1.1	0.2	18.49	7.20	8.37	4.51	8,092																
ML-5	2/12/1996	10:00	Mid	1.1	0.5	18.52	7.18	8.28	4.54	8,132	1.8	125	1.4	4.2	<0.01	0.14	<0.01	0.14	0.14	<0.01	1.07	1.21	0.15	0.19	8.0	1.0
ML-5	2/12/1996	10:00	Bottom	1.1	0.9	18.51	7.15	8.20	4.66	8,337																
MU-1	2/12/1996	13:15	Surface	2.0	0.2	19.04	6.83	7.56	0.15	309																
MU-1	2/12/1996	13:15	Mid	2.0	1.0	18.97	6.83	7.57	0.15	308	0.6	150	1.1	3.0	<0.01	0.20	0.05	0.25	0.20	0.05	0.78	0.98	0.29	0.29	1.6	1.4
MU-1	2/12/1996	13:15	Bottom	2.0	1.8	18.98	6.83	7.58	0.15	308																
MU-1 Rep	2/12/1996	13:25	Surface	2.0	0.2	19.04	6.83	7.57	0.15	308																
MU-1 Rep	2/12/1996	13:25	Mid	2.0	1.0	18.97	6.83	7.57	0.15	308	0.8	150	1.4	2.6	<0.01	0.20	0.05	0.25	0.20	0.05	0.78	0.98	0.27	0.28	2.1	1.4
MU-1 Rep	2/12/1996	13:25	Bottom	2.0	1.8	18.98	6.83	7.57	0.15	309																
MU-2	2/12/1996	12:55	Surface	1.8	0.2	18.92	6.86	7.39	0.15	324																
MU-2	2/12/1996	12:55	Mid	1.8	0.9	18.75	6.85	7.39	0.15	317	0.4	125	1.6	3.6	<0.01	0.21	<0.01	0.21	0.21	<0.01	0.68	0.89	0.28	0.30	1.6	1.3
MU-2	2/12/1996	12:55	Bottom	1.8	1.6	18.74	6.86	7.40	0.15	313																
MU-3	2/12/1996	12:20	Surface	1.3	0.2	18.30	7.01	8.25	0.16	339																
MU-3	2/12/1996	12:20	Mid	1.3	0.6	18.26	7.01	8.25	0.16	344	0.6	100	0.8	2.6	<0.01	0.25	0.02	0.27	0.30	0.06	0.82	1.12	0.25	0.29	2.1	1.3*
MU-3	2/12/1996	12:20	Bottom	1.3	1.1	18.17	7.02	8.24	0.16	336																
MU-4	2/12/1996	12:00	Surface	2.1	0.2	18.04	7.04	8.37	0.16	343																
MU-4	2/12/1996	12:00	Mid	2.1	1.0	18.02	7.04	8.40	0.17	348	0.5	125	1.0	2.6	<0.01	0.22	0.01	0.23	0.30	0.03	1.54	1.84	0.25	0.27	4.8	1.4
MU-4	2/12/1996	12:00	Bottom	2.1	1.9	18.03	7.08	8.41	0.17	344																
MU-5	2/12/1996	11:40	Surface	0.9	0.2	18.26	7.14	8.67	0.29	591																
MU-5	2/12/1996	11:40	Mid	0.9	0.4	18.24	7.14	8.66	0.29	595	1.0	125	0.8	7.0	<0.01	0.20	<0.01	0.20	0.22	<0.01	0.74	0.96	0.24	0.26	8.0	0.9*
MU-5	2/12/1996	11:40	Bottom	0.9	0.7	18.20	7.14	8.68	0.29	591																
Equip Blank	2/12/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.1	<5	<0.1	<0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA	
Equip Blank	2/13/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.1	<5	<0.1	<0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	<0.01	0.01	<1.0	NA

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH pH Units	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Organic (mg/L)	Total O2+N (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chlorophyll (µg/L)	Secchi Depth (m)
Equip Blank	2/14/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.1	<5	<0.1	0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	2/15/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.1	<5	<0.1	<0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	<0.01	<0.01	<1.0	NA
10-1	3/22/1996	12:20	Surface	3.3	0.2	16.40	7.84	8.08	30.21	46,456					<0.01	0.10	<0.01	0.10	0.10	0.02	0.42	0.52	0.02	0.04	<1.0	2.0
10-1	3/22/1996	12:20	Mid	3.3	1.0	16.29	7.84	8.10	30.21	46,466	1.4	10	0.6	4.8	<0.01	0.10	<0.01	0.10	0.10	0.02	0.42	0.52	0.02	0.04	<1.0	2.0
10-1	3/22/1996	12:20	Bottom	3.3	3.1	16.15	7.85	8.23	30.22	46,470					<0.01	0.10	<0.01	0.10	0.10	0.02	0.42	0.52	0.02	0.04	<1.0	2.0
10-2	3/22/1996	11:45	Surface	2.6	0.2	15.79	7.81	7.83	30.51	46,883					<0.01	0.03	<0.01	0.03	0.04	0.01	0.81	0.85	0.02	0.02	<1.0	1.6
10-2	3/22/1996	11:45	Mid	2.6	1.0	15.76	7.80	7.86	30.50	46,866	0.9	5	0.7	4.8	<0.01	0.03	<0.01	0.03	0.04	0.01	0.81	0.85	0.02	0.02	<1.0	1.6
10-2	3/22/1996	11:45	Bottom	2.6	2.4	15.74	7.82	7.92	30.48	46,849					<0.01	0.03	<0.01	0.03	0.04	0.01	0.81	0.85	0.02	0.02	<1.0	1.6
10-3	3/22/1996	12:00	Surface	2.8	0.2	15.87	7.80	8.26	30.12	46,337					<0.01	0.04	0.01	0.05	0.04	0.01	0.33	0.37	0.02	0.04	1.1	0.7
10-3	3/22/1996	12:00	Mid	2.8	1.0	15.86	7.80	8.28	30.12	46,342	0.6	5	1.8	1.0	<0.01	0.04	0.01	0.05	0.04	0.01	0.33	0.37	0.02	0.04	1.1	0.7
10-3	3/22/1996	12:00	Bottom	2.8	2.6	15.85	7.80	8.32	30.04	46,255					<0.01	0.04	0.01	0.05	0.04	0.01	0.33	0.37	0.02	0.04	1.1	0.7
10-4	3/22/1996	11:30	Surface	3.9	0.2	15.68	7.79	7.70	30.59	46,986					<0.01	0.08	0.02	0.10	0.08	0.06	0.92	1.00	0.03	0.05	1.1	1.8
10-4	3/22/1996	11:30	Mid	3.9	1.0	15.64	7.79	7.66	30.58	46,979	0.6	5	0.6	5.4	<0.01	0.08	0.02	0.10	0.08	0.06	0.92	1.00	0.03	0.05	1.1	1.8
10-4	3/22/1996	11:30	Bottom	3.9	3.7	15.43	7.77	7.59	30.55	46,937					<0.01	0.08	0.02	0.10	0.08	0.06	0.92	1.00	0.03	0.05	1.1	1.8
10-5	3/22/1996	10:00	Surface	1.8	0.2	15.75	7.74	7.65	30.51	46,883					<0.01	0.03	0.01	0.04	0.04	0.01	0.36	0.40	0.02	0.03	1.1	1.3
10-5	3/22/1996	10:00	Mid	1.8	0.9	15.73	7.73	7.64	30.51	46,886	0.8	5	0.8	8.4	<0.01	0.03	0.01	0.04	0.04	0.01	0.36	0.40	0.02	0.03	1.1	1.3
10-5	3/22/1996	10:00	Bottom	1.8	1.6	15.72	7.73	7.63	30.51	46,884					<0.01	0.03	0.01	0.04	0.04	0.01	0.36	0.40	0.02	0.03	1.1	1.3
10-5 Rep	3/22/1996	10:15	Surface	1.8	0.2	15.75	7.75	7.65	30.51	46,886					<0.01	0.02	0.01	0.03	0.04	0.01	0.39	0.43	0.02	0.02	1.1	1.3
10-5 Rep	3/22/1996	10:15	Mid	1.8	0.9	15.74	7.73	7.64	30.51	46,884	0.9	5	1.0	8.8	<0.01	0.02	0.01	0.03	0.04	0.01	0.39	0.43	0.02	0.02	1.1	1.3
10-5 Rep	3/22/1996	10:15	Bottom	1.8	1.6	15.73	7.74	7.63	30.51	46,882					<0.01	0.02	0.01	0.03	0.04	0.01	0.39	0.43	0.02	0.02	1.1	1.3
11-1	3/22/1996	12:40	Surface	3.3	0.2	16.29	7.82	7.86	30.26	46,524					<0.01	0.02	<0.01	0.02	0.04	<0.01	0.44	0.48	0.02	0.02	1.6	2.5
11-1	3/22/1996	12:40	Mid	3.3	1.0	16.28	7.82	7.84	30.26	46,525	1.0	5	0.6	18.4	<0.01	0.02	<0.01	0.02	0.04	<0.01	0.44	0.48	0.02	0.02	1.6	2.5
11-1	3/22/1996	12:40	Bottom	3.3	3.1	16.00	7.81	7.89	30.25	46,520					<0.01	0.02	<0.01	0.02	0.04	<0.01	0.44	0.48	0.02	0.02	1.6	2.5
11-2	3/22/1996	13:00	Surface	3.2	0.2	15.85	7.82	8.05	30.25	46,516					<0.01	0.05	<0.01	0.05	0.05	<0.01	0.42	0.47	0.03	0.03	<1.0	1.3
11-2	3/22/1996	13:00	Mid	3.2	1.0	15.82	7.81	8.05	30.25	46,520	0.7	5	0.7	10.2	<0.01	0.05	<0.01	0.05	0.05	<0.01	0.42	0.47	0.03	0.03	<1.0	1.3
11-2	3/22/1996	13:00	Bottom	3.2	3.0	15.80	7.82	8.06	30.23	46,494					<0.01	0.05	<0.01	0.05	0.05	<0.01	0.42	0.47	0.03	0.03	<1.0	1.3
11-3	3/22/1996	11:15	Surface	2.1	0.2	16.00	7.78	7.79	30.40	46,730					<0.01	0.04	<0.01	0.04	0.05	0.02	0.61	0.66	0.03	0.03	1.1	1.9
11-3	3/22/1996	11:15	Mid	2.1	1.0	15.95	7.78	7.81	30.39	46,717	0.8	5	0.6	26.6	<0.01	0.04	<0.01	0.04	0.05	0.02	0.61	0.66	0.03	0.03	1.1	1.9
11-3	3/22/1996	11:15	Bottom	2.1	1.9	15.92	7.80	7.86	30.39	46,719					<0.01	0.04	<0.01	0.04	0.05	0.02	0.61	0.66	0.03	0.03	1.1	1.9
11-4	3/22/1996	10:55	Surface	2.2	0.2	16.07	7.80	7.97	30.38	46,692					<0.01	0.04	<0.01	0.04	0.04	<0.01	0.51	0.55	0.03	0.04	1.1	1.7
11-4	3/22/1996	10:55	Mid	2.2	1.0	16.06	7.80	7.98	30.37	46,685	1.1	5	0.9	6.8	<0.01	0.04	<0.01	0.04	0.04	<0.01	0.51	0.55	0.03	0.04	1.1	1.7
11-4	3/22/1996	10:55	Bottom	2.2	2.0	16.03	7.81	7.90	30.36	46,668					<0.01	0.04	<0.01	0.04	0.04	<0.01	0.51	0.55	0.03	0.04	1.1	1.7
11-5	3/22/1996	10:35	Surface	2.2	0.2	15.87	7.78	7.91	30.47	46,827					<0.01	0.03	<0.01	0.03	0.04	<0.01	0.38	0.42	0.03	0.05	<1.0	1.2
11-5	3/22/1996	10:35	Mid	2.2	1.0	15.82	7.78	7.92	30.48	46,834	1.0	5	2.1	12.6	<0.01	0.03	<0.01	0.03	0.04	<0.01	0.38	0.42	0.03	0.05	<1.0	1.2
11-5	3/22/1996	10:35	Bottom	2.2	2.0	15.78	7.83	7.98	30.47	46,834					<0.01	0.03	<0.01	0.03	0.04	<0.01	0.38	0.42	0.03	0.05	<1.0	1.2
13-1	3/21/1996	13:05	Surface	0.9	0.2	16.14	7.78	7.95	30.56	46,967					<0.01	0.04	<0.01	0.04	0.04	<0.01	0.29	0.33	0.01	0.02	1.6	0.9*
13-1	3/21/1996	13:05	Mid	0.9	0.4	16.14	7.78	7.99	30.58	46,970	1.4	5	4.1	14.6	<0.01	0.04	<0.01	0.04	0.04	<0.01	0.29	0.33	0.01	0.02	1.6	0.9*
13-1	3/21/1996	13:05	Bottom	0.9	0.7	16.14	7.78	8.00	30.58	46,973					<0.01	0.04	<0.01	0.04	0.04	<0.01	0.29	0.33	0.01	0.02	1.6	0.9*
13-1 Rep	3/21/1996	13:15	Surface	0.9	0.2	16.14	7.78	7.96	30.58	46,969					<0.01	0.05	<0.01	0.05	0.05	<0.01	0.31	0.36	0.01	0.02	1.7	0.9*
13-1 Rep	3/21/1996	13:15	Mid	0.9	0.4	16.14	7.78	7.98	30.58	46,972	1.2	5	3.8	14.6	<0.01	0.05	<0.01	0.05	0.05	<0.01	0.31	0.36	0.01	0.02	1.7	0.9*
13-1 Rep	3/21/1996	13:15	Bottom	0.9	0.7	16.13	7.78	8.01	30.58	46,972					<0.01	0.05	<0.01	0.05	0.05	<0.01	0.31	0.36	0.01	0.02	1.7	0.9*
13-2	3/21/1996	12:45	Surface	1.3	0.2	16.52	7.80	8.18	30.38	46,685					<0.01	0.05	<0.01	0.05	0.05	0.03	0.41	0.46	0.01	0.03	<1.0	1.3*
13-2	3/21/1996	12:45	Mid	1.3	0.6	16.51	7.80	8.22	30.38	46,690	0.9	5	0.9	4.4	<0.01	0.05	<0.01	0.05	0.05	0.03	0.41	0.46	0.01	0.03	<1.0	1.3*
13-2	3/21/1996	12:45	Bottom	1.3	1.1	16.50	7.82	8.28	30.39	46,697					<0.01	0.05	<0.01	0.05	0.05	0.03	0.41	0.46	0.01	0.03	<1.0	1.3*
13-3	3/21/1996	12:20	Surface	1.8	0.2	16.14	7.76	7.85	29.80	45,892					<0.01	0.06	0.02	0.08	0.06	0.04	0.43	0.49	0.01	0.04	<1.0	1.8*
13-3	3/21/1996	12:20	Mid	1.8	0.9	16.14	7.76	7.84	29.79	45,887	1.1	5	0.5	13.8	<0.01	0.06	0.02	0.08	0.06	0.04	0.43	0.49	0.01	0.04	<1.0	1.8*
13-3	3/21/1996	12:20	Bottom	1.8	1.6	16.14	7.75	7.83	29.76	45,816					<0.01	0.06	0.02	0.08	0.06	0.04	0.43	0.49	0.01	0.04	<1.0	1.8*
13-4	3/21/1996	12:05	Surface	1.4	0.2	15.86	7.72	7.74	29.22	45,090					<0.01	0.04	0.01	0.05	0.05	0.02	0.49	0.54	0.02	0.04	1.1	1.4*
13-4	3/21/1996	12:05	Mid	1.4	0.7	15.82	7.70	7.74	29.25	45,137	0.6	10	0.6	4.2	<0.01	0.04	0.01	0.05	0.05	0.02	0.49	0.54	0.02	0.04	1.1	1.4*
13-4	3/21/1996	12:05	Bottom	1.4	1.2	15.80	7.71	7.75	2																	

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH pH Units	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	Dissolved TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Organic (mg/L)	Total O2+N (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chlorophyll (µg/L)	Secchi Depth (m)
14-1	3/21/1996	11:05	Mid	1.3	0.6	16.02	7.72	7.88	28.62	44,265	0.9	15	0.4	4.2	<0.01	0.03	0.02	0.05	0.04	0.03	0.52	0.56	0.02	0.04	1.1	1.3*
14-1	3/21/1996	11:05	Bottom	1.3	1.1	16.02	7.71	7.82	28.72	44,400																
14-2	3/21/1996	10:45	Surface	1.2	0.2	15.30	7.75	8.01	27.11	42,159																
14-2	3/21/1996	10:45	Mid	1.2	0.6	15.28	7.75	8.05	27.12	42,171	2.2	10	0.5	5.2	<0.01	0.03	<0.01	0.03	0.04	<0.01	0.58	0.62	0.02	0.07	3.2	1.2*
14-2	3/21/1996	10:45	Bottom	1.2	1.0	15.36	7.77	8.35	27.10	42,137																
14-3	3/21/1996	10:25	Surface	1.4	0.2	13.35	7.68	8.05	27.25	42,416																
14-3	3/21/1996	10:25	Mid	1.4	0.7	13.28	7.67	8.04	27.25	42,415	1.9	10	0.7	6.2	<0.01	0.04	0.04	0.08	0.05	0.06	0.50	0.55	0.02	0.06	2.1	1.4*
14-3	3/21/1996	10:25	Bottom	1.4	1.2	13.28	7.67	8.03	27.25	42,416																
14-4	3/21/1996	10:10	Surface	1.3	0.2	15.51	7.68	7.77	27.39	42,550																
14-4	3/21/1996	10:10	Mid	1.3	0.6	15.51	7.68	7.77	27.39	42,547	1.5	5	0.2	4.2	<0.01	0.03	0.02	0.05	0.04	0.02	0.46	0.50	0.02	0.06	<1.0	1.3*
14-4	3/21/1996	10:10	Bottom	1.3	1.1	15.49	7.67	7.76	27.39	42,545																
14-5	3/21/1996	10:00	Surface	1.2	0.2	15.73	7.71	8.02	27.26	42,367																
14-5	3/21/1996	10:00	Mid	1.2	0.6	15.73	7.71	8.02	27.26	42,364	1.5	10	0.9	7.1	<0.01	0.04	<0.01	0.04	0.04	<0.01	0.55	0.59	0.02	0.06	1.6	1.2*
14-5	3/21/1996	10:00	Bottom	1.2	1.0	15.74	7.70	8.06	27.27	42,371																
16-1	3/19/1996	13:40	Surface	0.9	0.2	20.40	7.98	7.74	30.75	47,197																
16-1	3/19/1996	13:40	Mid	0.9	0.4	20.40	7.97	7.75	30.75	47,183	1.0	5	0.3	7.2	<0.01	0.01	<0.01	0.01	0.05	<0.01	0.42	0.47	0.01	0.07	<1.0	0.8
16-1	3/19/1996	13:40	Bottom	0.9	0.7	20.39	7.97	7.73	30.77	47,214																
16-1 Rep	3/19/1996	13:50	Surface	0.9	0.2	20.39	7.98	7.74	30.76	47,200																
16-1 Rep	3/19/1996	13:50	Mid	0.9	0.4	20.39	7.97	7.74	30.75	47,181	1.2	5	0.3	7.6	<0.01	0.01	<0.01	0.01	0.03	<0.01	0.45	0.48	0.01	0.07	1.0	0.8
16-1 Rep	3/19/1996	13:50	Bottom	0.9	0.7	20.38	7.98	7.75	30.77	47,221																
16-2	3/19/1996	13:30	Surface	0.8	0.2	20.41	7.96	7.75	30.48	46,821																
16-2	3/19/1996	13:30	Mid	0.8	0.4	20.39	7.95	7.73	30.56	46,926	0.9	5	0.6	9.6	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.53	0.54	0.01	0.05	<1.0	0.8*
16-2	3/19/1996	13:30	Bottom	0.8	0.6	20.40	7.94	7.73	30.55	46,910																
16-3	3/19/1996	13:05	Surface	1.7	0.2	20.61	7.95	7.40	30.39	46,696																
16-3	3/19/1996	13:05	Mid	1.7	0.8	20.62	7.95	7.39	30.38	46,687	0.9	5	0.4	9.6	<0.01	0.02	0.01	0.03	0.04	0.01	0.38	0.42	0.01	0.05	1.6	1.3
16-3	3/19/1996	13:05	Bottom	1.7	1.5	20.64	7.95	7.36	30.38	46,684																
16-4	3/19/1996	12:55	Surface	1.3	0.2	20.85	7.92	7.56	29.69	45,735																
16-4	3/19/1996	12:55	Mid	1.3	0.6	20.85	7.92	7.58	29.69	45,741	1.0	5	0.7	11.8	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.44	0.45	0.01	0.06	<1.0	1.3*
16-4	3/19/1996	12:55	Bottom	1.3	1.1	20.86	7.92	7.60	29.70	45,750																
16-5	3/19/1996	12:35	Surface	1.5	0.2	21.10	7.97	8.03	29.78	45,864																
16-5	3/19/1996	12:35	Mid	1.5	0.7	21.09	7.97	8.03	29.78	45,858	1.3	5	1.3	10.7	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.68	0.69	0.01	0.08	<1.0	1.5*
16-5	3/19/1996	12:35	Bottom	1.5	1.3	21.08	7.96	8.03	29.78	45,864																
LB-1	3/19/1996	11:10	Surface	3.3	0.2	22.11	7.74	6.46	28.02	43,441																
LB-1	3/19/1996	11:10	Mid	3.3	1.0	22.11	7.74	6.47	28.03	43,449	2.0	10	0.5	5.8	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	0.60	0.62	0.04	0.04	2.1	1.7
LB-1	3/19/1996	11:10	Bottom	3.3	3.1	22.10	7.73	6.45	28.02	43,431																
LB-2	3/19/1996	10:55	Surface	1.3	0.2	21.88	7.73	6.23	28.36	43,890																
LB-2	3/19/1996	10:55	Mid	1.3	0.6	21.88	7.73	6.23	28.36	43,903	2.6	10	0.9	20.2	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.59	0.60	0.04	0.07	1.6	1.3*
LB-2	3/19/1996	10:55	Bottom	1.3	1.1	21.88	7.73	6.23	28.36	43,908																
LB-3	3/19/1996	10:30	Surface	1.4	0.2	21.48	7.79	7.09	28.61	44,245																
LB-3	3/19/1996	10:30	Mid	1.4	0.7	21.49	7.79	7.07	28.61	44,254	3.0	10	0.3	12.4	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.73	0.74	0.04	0.12	4.3	1.2
LB-3	3/19/1996	10:30	Bottom	1.4	1.2	21.49	7.78	7.06	28.61	44,252																
LB-4	3/19/1996	9:55	Surface	1.2	0.2	21.04	7.70	6.94	28.68	44,336																
LB-4	3/19/1996	9:55	Mid	1.2	0.6	21.06	7.69	6.91	28.68	44,337	2.8	10	1.4	17.2	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	0.72	0.74	0.04	0.14	1.6	1.2*
LB-4	3/19/1996	9:55	Bottom	1.2	1.0	21.06	7.69	6.91	28.68	44,331																
LB-5	3/19/1996	10:10	Surface	1.8	0.2	21.29	7.72	6.65	28.86	44,586																
LB-5	3/19/1996	10:10	Mid	1.8	0.9	21.28	7.71	6.64	28.85	44,574	2.8	10	0.9	25.2	<0.01	0.01	<0.02	0.01	0.01	<0.01	0.56	0.57	0.04	0.18	1.6	1.4
LB-5	3/19/1996	10:10	Bottom	1.8	1.6	21.25	7.71	6.60	28.85	44,574																
ML-1	3/18/1996	12:10	Surface	0.9	0.2	23.30	7.67	8.45	3.94	7,166																
ML-1	3/18/1996	12:10	Mid	0.9	0.4	23.30	7.67	8.44	3.88	7,069	2.6	75	1.2	6.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.35	1.35	0.13	0.20	6.9	0.9*
ML-1	3/18/1996	12:10	Bottom	0.9	0.7	23.30	7.66	8.43	3.83	6,971																
ML-2	3/18/1996	11:50	Surface	1.1	0.2	22.90	7.64	8.13	5.66	10,040																
ML-2	3/18/1996	11:50	Mid	1.1	0.5	22.90	7.62	8.10	5.63	9,985	2.3	50	0.6	7.4	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	1.03	1.04	0.12	0.18	5.3	1.1*
ML-2	3/18/1996	11:50	Bottom	1.1	0.9	22.90	7.62	8.15	5.54	9,842																
ML-3	3/18/1996	11:30	Surface	3.0	0.2	22.50	7.62	7.98	6.99	12,190																

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Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH pH Units	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	turbidity (NTU)	Dissolved TSS (mg/L)	NO2 (mg/L)	NO3 (mg/L)	NH3 (mg/L)	Dissolved Inorganic (mg/L)	Total O2+N (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
ML-3	3/18/1996	11:30	Mid	3.0	1.0	22.50	7.61	7.91	6.94	12,117	2.0	75	0.3	6.2	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	1.10	1.14	0.10	0.16	3.7	1.3
ML-3	3/18/1996	11:30	Bottom	3.0	2.8	22.50	7.59	7.90	6.91	12,068																
ML-4	3/18/1996	10:35	Surface	1.5	0.2	22.40	7.60	7.98	7.35	12,787																
ML-4	3/18/1996	10:35	Mid	1.5	0.7	22.50	7.60	8.03	7.44	12,920	1.6	75	0.7	6.0	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	1.11	1.13	0.10	0.16	<1.0	1.4
ML-4	3/18/1996	10:35	Bottom	1.5	1.3	22.50	7.63	8.07	7.64	13,247																
ML-5	3/18/1996	10:10	Surface	1.2	0.2	22.50	7.60	7.92	9.81	16,696																
ML-5	3/18/1996	10:10	Mid	1.2	0.6	22.50	7.60	7.94	9.85	16,779	1.8	75	0.5	5.6	<0.01	0.07	0.04	0.11	0.10	0.04	1.72	1.82	0.09	0.17	1.6	1.1
ML-5	3/18/1996	10:10	Bottom	1.2	1.0	22.60	7.59	7.91	10.46	17,689																
MU-1	3/18/1996	13:55	Surface	1.8	0.2	22.10	7.33	7.61	0.17	360																
MU-1	3/18/1996	13:55	Mid	1.8	0.9	22.10	7.32	7.60	0.17	362	1.3	75	0.7	3.2	<0.01	0.03	<0.01	0.03	0.06	<0.01	0.66	0.72	0.16	0.18	2.1	1.4
MU-1	3/18/1996	13:55	Bottom	1.8	1.6	22.00	7.32	7.61	0.17	364																
MU-1 Rep	3/18/1996	14:05	Surface	1.8	0.2	22.10	7.32	7.63	0.17	366																
MU-1 Rep	3/18/1996	14:05	Mid	1.8	0.9	22.10	7.32	7.60	0.17	365	1.2	75	1.0	2.9	<0.01	0.03	<0.01	0.03	0.05	<0.01	0.69	0.74	0.16	0.20	2.1	1.4
MU-1 Rep	3/18/1996	14:05	Bottom	1.8	1.6	22.10	7.32	7.60	0.17	366																
MU-2	3/18/1996	13:35	Surface	2.0	0.2	22.20	7.50	8.31	0.18	374																
MU-2	3/18/1996	13:35	Mid	2.0	1.0	22.10	7.48	8.32	0.18	377	1.6	75	0.6	2.6	<0.01	0.05	<0.01	0.05	0.08	<0.01	0.56	0.64	0.17	0.21	4.8	1.3
MU-2	3/18/1996	13:35	Bottom	2.0	1.8	22.00	7.47	8.29	0.18	386																
MU-3	3/18/1996	13:15	Surface	1.1	0.2	22.80	7.73	8.97	0.27	563																
MU-3	3/18/1996	13:15	Mid	1.1	0.5	22.70	7.73	8.97	0.27	559	1.6	75	0.5	4.2	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	0.75	0.79	0.18	0.22	6.4	1.1*
MU-3	3/18/1996	13:15	Bottom	1.1	0.9	22.70	7.73	8.98	0.27	555																
MU-4	3/18/1996	12:50	Surface	1.1	0.2	23.30	7.68	8.85	0.59	1,193																
MU-4	3/18/1996	12:50	Mid	1.1	0.5	23.20	7.68	8.89	0.60	1,201	1.6	100	0.5	3.0	<0.01	<0.01	<0.01	<0.01	0.05	<0.01	0.94	0.99	0.16	0.21	5.3	1.1*
MU-4	3/18/1996	12:50	Bottom	1.1	0.9	23.20	7.69	8.93	0.58	1,171																
MU-5	3/18/1996	12:25	Surface	1.9	0.2	22.90	7.58	8.30	1.98	3,747																
MU-5	3/18/1996	12:25	Mid	1.9	0.9	22.90	7.56	8.24	2.25	4,219	1.8	100	0.3	5.0	<0.01	0.02	<0.01	0.02	0.06	<0.01	0.93	0.99	0.15	0.20	6.4	1.4
MU-5	3/18/1996	12:25	Bottom	1.9	1.7	22.90	7.56	8.22	2.31	4,342																
Equip Blank	3/18/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.1	<5	<0.1	<0.2	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.01	0.02	<0.01	<0.01	<1.0	NA
Equip Blank	3/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.1	<5	<0.1	<0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.02	<0.01	<0.01	<1.0	NA
Equip Blank	3/21/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.1	<5	<0.1	<0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	3/22/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.1	<5	0.1	<0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
10-1	4/9/1996	12:30	Surface	3.0	0.2	20.84	7.83	6.84	30.23	46,479																
10-1	4/9/1996	12:30	Mid	3.0	1.0	20.84	7.84	6.72	30.24	46,484	1.4	5	1.2	11.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.25	0.25	<0.01	0.05	<1.0	3.0*
10-1	4/9/1996	12:30	Bottom	3.0	2.8	20.84	7.85	6.66	30.34	46,629																
10-2	4/9/1996	12:10	Surface	2.7	0.2	20.40	7.77	6.65	30.98	47,499																
10-2	4/9/1996	12:10	Mid	2.7	1.0	20.38	7.77	6.65	31.12	47,702	0.8	5	1.0	3.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.21	0.21	<0.01	0.04	1.6	2.5
10-2	4/9/1996	12:10	Bottom	2.7	2.5	20.38	7.79	6.67	31.14	47,725																
10-3	4/9/1996	12:20	Surface	2.0	0.2	20.20	7.77	6.84	31.60	48,352																
10-3	4/9/1996	12:20	Mid	2.0	1.0	20.21	7.79	6.86	31.60	48,349	0.8	5	1.2	4.0	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.17	0.17	<0.01	0.03	1.1	2.0*
10-3	4/9/1996	12:20	Bottom	2.0	1.8	20.21	7.87	6.91	31.60	48,348																
10-4	4/9/1996	11:55	Surface	5.3	0.2	20.71	7.70	6.09	31.01	47,547																
10-4	4/9/1996	11:55	Mid	5.3	1.0	20.73	7.70	6.06	31.03	47,567	1.0	5	1.5	4.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	0.18	0.18	<0.01	0.04	<1.0	2.2
10-4	4/9/1996	11:55	Bottom	5.3	5.1	20.74	7.65	5.91	31.03	47,581																
10-5	4/9/1996	11:40	Surface	2.3	0.2	20.67	7.62	6.10	29.45	45,442																
10-5	4/9/1996	11:40	Mid	2.3	1.0	20.87	7.69	6.20	31.13	47,705	1.1	5	1.5	10.4	<0.01	<0.01	<0.01	<0.01	0.01	0.02	0.24	0.25	<0.01	0.06	<1.0	2.3*
10-5	4/9/1996	11:40	Bottom	2.3	2.1	20.75	7.71	6.37	31.31	47,967																
11-1	4/9/1996	12:45	Surface	3.5	0.2	21.32	7.76	6.55	30.33	46,619																
11-1	4/9/1996	12:45	Mid	3.5	1.0	21.30	7.77	6.61	30.33	46,619	2.2	5	1.4	17.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.26	0.26	<0.01	0.04	<1.0	3.5*
11-1	4/9/1996	12:45	Bottom	3.5	3.3	21.32	7.82	6.66	30.34	46,635																
11-2	4/9/1996	13:00	Surface	3.6	0.2	21.24	7.72	6.37	29.93	46,070																
11-2	4/9/1996	13:00	Mid	3.6	1.0	21.16	7.72	6.29	30.08	46,278	1.1	5	0.9	3.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.26	0.26	<0.01	0.04	<1.0	3.4
11-2	4/9/1996	13:00	Bottom	3.6	3.4	20.73	7.74	6.22	31.30	47,943																
11-3	4/9/1996	10:00	Surface	2.5	0.2	21.11	7.64	6.04	29.87	45,986																
11-3	4/9/1996	10:00	Mid	2.5	1.0	21.17	7.65	5.94	30.12	46,325	1.0	5	1.3	2.8	<0.01	<0.01	<0.01	<0.01	0.02	0.03	0.21	0.23	<0.01	0.04	<1.0	2.5*
11-3	4/9/1996	10:00	Bottom	2.5	2.3	21.23	7.64	5.88	30.23	46,489																

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH pH Units	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	Dissolved TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic (mg/L)	Total O2+N (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chlorophyll (µg/L)	Secchi Depth (m)
11-3 Rep	4/9/1996	10:15	Surface	2.5	0.2	21.10	7.64	6.04	29.87	45,970																
11-3 Rep	4/9/1996	10:15	Mid	2.5	1.0	21.18	7.65	5.97	30.13	46,346	1.1	5	1.4	3.4	<0.01	<0.01	<0.01	<0.01	0.01	0.02	0.23	0.24	<0.01	0.04	<1.0	2.5*
11-3 Rep	4/9/1996	10:15	Bottom	2.5	2.3	21.24	7.64	5.87	30.23	46,487																
11-4	4/9/1996	10:30	Surface	1.9	0.2	21.05	7.65	6.09	30.00	46,163																
11-4	4/9/1996	10:30	Mid	1.9	0.9	21.09	7.65	6.01	30.16	46,379	1.0	5	1.3	4.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.27	0.27	<0.01	0.04	<1.0	1.9*
11-4	4/9/1996	10:30	Bottom	1.9	1.7	21.09	7.65	5.66	30.71	47,145																
11-5	4/9/1996	10:40	Surface	2.8	0.2	20.80	7.63	5.92	30.00	46,165																
11-5	4/9/1996	10:40	Mid	2.8	1.0	20.85	7.65	5.66	30.47	46,820	0.8	5	1.3	4.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.31	0.31	<0.01	0.04	<1.0	2.6
11-5	4/9/1996	10:40	Bottom	2.8	2.6	20.98	7.64	5.50	30.98	47,510																
13-1	4/8/1996	9:40	Surface	1.0	0.2	21.71	7.61	5.68	28.11	43,562																
13-1	4/8/1996	9:40	Mid	1.0	0.5	21.96	7.64	5.62	28.70	44,452	1.7	5	1.7	3.7	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.38	0.38	<0.01	0.08	<1.0	1.0*
13-1	4/8/1996	9:40	Bottom	1.0	0.8	22.25	7.64	5.45	29.35	45,280																
13-1 Rep	4/8/1996	9:50	Surface	1.0	0.2	21.62	7.61	5.70	27.97	43,367																
13-1 Rep	4/8/1996	9:50	Mid	1.0	0.5	21.93	7.64	5.59	28.88	44,602	1.5	5	1.9	3.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.43	0.43	<0.01	0.08	<1.0	1.0*
13-1 Rep	4/8/1996	9:50	Bottom	1.0	0.8	22.18	7.64	5.54	29.32	45,234																
13-2	4/8/1996	10:00	Surface	1.3	0.2	21.54	7.48	5.32	24.70	38,805																
13-2	4/8/1996	10:00	Mid	1.3	0.6	21.53	7.50	5.32	24.64	38,670	1.7	15	2.0	6.0	<0.01	<0.01	<0.01	<0.01	0.01	0.03	0.51	0.52	0.04	0.11	<1.0	1.3*
13-2	4/8/1996	10:00	Bottom	1.3	1.1	21.97	7.52	5.21	25.33	39,630																
13-3	4/8/1996	10:20	Surface	1.2	0.2	22.09	7.52	5.25	24.73	38,817																
13-3	4/8/1996	10:20	Mid	1.2	0.6	22.15	7.51	5.22	24.77	38,883	1.6	15	1.7	2.6	<0.01	<0.01	<0.01	<0.01	0.02	0.01	0.58	0.60	0.04	0.10	<1.0	1.2*
13-3	4/8/1996	10:20	Bottom	1.2	1.0	22.15	7.53	5.23	24.79	38,903																
13-4	4/8/1996	10:35	Surface	1.0	0.2	21.62	7.44	4.63	24.49	38,470																
13-4	4/8/1996	10:35	Mid	1.0	0.5	21.62	7.45	4.65	24.49	38,471	2.0	15	3.0	4.8	<0.01	<0.01	<0.01	<0.01	0.01	0.03	0.70	0.71	0.04	0.11	2.1	1.0*
13-4	4/8/1996	10:35	Bottom	1.0	0.8	21.62	7.49	4.71	24.50	38,482																
13-5	4/8/1996	10:50	Surface	1.6	0.2	22.10	7.58	5.93	23.68	37,322																
13-5	4/8/1996	10:50	Mid	1.6	0.8	22.10	7.58	5.69	23.68	37,324	2.5	15	2.0	6.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.66	0.66	0.04	0.11	3.2	1.5
13-5	4/8/1996	10:50	Bottom	1.6	1.4	22.03	7.55	5.23	23.79	37,476																
14-1	4/8/1996	11:10	Surface	1.9	0.2	22.38	7.60	6.04	23.68	37,333																
14-1	4/8/1996	11:10	Mid	1.9	0.9	22.36	7.62	6.09	23.68	37,331	2.9	20	3.2	21.4	<0.01	<0.01	<0.01	<0.01	0.01	0.05	0.46	0.47	0.02	0.07	3.2	1.5
14-1	4/8/1996	11:10	Bottom	1.9	1.7	22.33	7.67	6.19	23.68	37,325																
14-2	4/8/1996	11:25	Surface	2.0	0.2	22.17	7.71	6.66	23.45	36,996																
14-2	4/8/1996	11:25	Mid	2.0	1.0	22.18	7.72	6.57	23.46	37,004	3.0	20	1.8	5.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.57	0.57	0.02	0.09	3.7	1.5
14-2	4/8/1996	11:25	Bottom	2.0	1.8	22.57	7.67	5.32	24.04	37,810																
14-3	4/8/1996	11:40	Surface	1.4	0.2	22.21	7.68	5.95	23.64	37,268																
14-3	4/8/1996	11:40	Mid	1.4	0.7	22.38	7.66	5.72	23.89	37,626	6.2	20	1.9	11.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.60	0.60	0.02	0.10	6.4	1.1
14-3	4/8/1996	11:40	Bottom	1.4	1.2	22.56	7.62	5.55	24.14	38,013																
14-4	4/8/1996	11:50	Surface	1.7	0.2	22.17	7.73	6.43	24.67	38,720																
14-4	4/8/1996	11:50	Mid	1.7	0.8	21.34	7.70	6.20	24.89	39,041	3.0	20	2.0	7.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.49	0.49	0.01	0.08	2.7	1.5
14-4	4/8/1996	11:50	Bottom	1.7	1.5	22.53	7.64	5.48	25.58	39,996																
14-5	4/8/1996	12:05	Surface	2.7	0.2	22.02	7.62	5.54	26.41	41,183																
14-5	4/8/1996	12:05	Mid	2.7	1.0	22.10	7.64	5.55	26.61	41,480	1.6	20	1.8	20.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.53	0.53	0.01	0.08	1.1	2.0
14-5	4/8/1996	12:05	Bottom	2.7	2.5	22.12	7.64	5.57	26.69	41,573																
16-1	4/10/1996	13:00	Surface	2.0	0.2	20.27	7.56	6.59	26.07	40,682																
16-1	4/10/1996	13:00	Mid	2.0	1.0	20.10	7.55	6.53	26.05	40,648	2.5	20	1.7	6.6	<0.01	<0.01	0.02	0.02	0.02	0.02	0.51	0.53	0.03	0.09	1.1	2.0*
16-1	4/10/1996	13:00	Bottom	2.0	1.8	20.17	7.54	6.49	26.09	40,699																
16-2	4/10/1996	12:40	Surface	1.3	0.2	19.77	7.55	7.09	25.44	39,778																
16-2	4/10/1996	12:40	Mid	1.3	0.6	19.79	7.55	6.90	25.66	40,075	2.1	20	0.9	8.8	<0.01	0.01	0.02	0.03	0.03	0.08	0.71	0.74	0.04	0.10	1.6	1.3*
16-2	4/10/1996	12:40	Bottom	1.3	1.1	19.93	7.54	6.92	26.35	41,043																
16-3	4/10/1996	12:25	Surface	2.0	0.2	19.91	7.56	6.73	27.47	42,640																
16-3	4/10/1996	12:25	Mid	2.0	1.0	19.89	7.55	6.72	27.48	42,649	1.5	20	0.9	2.8	<0.01	<0.01	<0.01	<0.01	0.02	0.01	0.55	0.57	0.03	0.06	<1.0	2.0*
16-3	4/10/1996	12:25	Bottom	2.0	1.8	19.96	7.55	6.70	28.16	43,630																
16-4	4/10/1996	12:15	Surface	1.2	0.2	19.83	7.56	7.07	27.26	42,338																
16-4	4/10/1996	12:15	Mid	1.2	0.6	19.83	7.56	7.05	27.28	42,369	2.0	20	1.9	10.0	<0.01	0.01	0.04	0.05	0.01	0.04	0.94	0.95	0.03	0.09	1.6	1.2*
16-4	4/10/1996	12:15	Bottom	1.2	1.0	19.84	7.55	7.09	27.37	42,477																

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temp	pH	Dissolved Oxygen	Salinity	Specific Conduct	BOD	Color	Turbidity	Dissolved TSS	NO2	NO3	NH3	Dissolved Inorganic	Total O2+N	Total NH3	TKN	Total Nitrogen	OP	TP	Chloro-phyll	Secchi Depth
	(mm/dd/yy)	(24-hours)		(m)	(m)	(°C)	pH Units	(mg/L)	(ppt)	(µS/cm)	(mg/L)	(APU)	(NTU)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µg/L)	(m)	
16-5	4/10/1996	11:55	Surface	2.1	0.2	19.44	7.61	7.24	30.77	47,215																
16-5	4/10/1996	11:55	Mid	2.1	1.0	19.46	7.62	7.53	30.89	47,387	2.0	5	2.6	11.0	<0.01	0.02	0.05	0.07	0.02	0.06	0.52	0.54	<0.01	0.04	<1.0	1.7
16-5	4/10/1996	11:55	Bottom	2.1	1.9	19.73	7.68	7.66	32.02	48,911																
LB-1	4/10/1996	11:15	Surface	1.1	0.2	20.78	7.25	5.95	25.28	39,569																
LB-1	4/10/1996	11:15	Mid	1.1	0.5	20.72	7.25	5.96	25.27	39,555	1.4	20	1.3	6.8	<0.01	0.01	0.02	0.03	0.02	0.08	0.58	0.60	0.13	0.16	<1.0	1.1*
LB-1	4/10/1996	11:15	Bottom	1.1	0.9	20.68	7.27	6.01	25.22	39,477																
LB-2	4/10/1996	10:55	Surface	1.2	0.2	20.52	7.21	5.30	25.14	39,366																
LB-2	4/10/1996	10:55	Mid	1.2	0.6	20.52	7.21	5.26	25.17	39,414	1.4	20	1.1	4.6	<0.01	0.01	0.01	0.02	0.02	0.17	0.68	0.70	0.14	0.16	<1.0	1.2*
LB-2	4/10/1996	10:55	Bottom	1.2	1.0	20.48	7.21	5.26	25.19	39,435																
LB-3	4/10/1996	10:40	Surface	1.0	0.2	20.21	7.24	5.54	25.88	40,413																
LB-3	4/10/1996	10:40	Mid	1.0	0.5	20.03	7.24	5.58	25.84	40,349	1.5	20	1.6	13.2	<0.01	0.02	0.02	0.04	0.02	0.24	0.83	0.85	0.22	0.29	<1.0	1.0*
LB-3	4/10/1996	10:40	Bottom	1.0	0.8	20.00	7.23	5.61	25.83	40,339																
LB-4	4/10/1996	10:25	Surface	2.2	0.2	20.13	7.43	6.53	27.84	43,159																
LB-4	4/10/1996	10:25	Mid	2.2	1.0	20.14	7.43	6.46	27.88	43,217	3.6	15	0.7	3.0	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	0.63	0.63	0.06	0.15	1.6	2.2*
LB-4	4/10/1996	10:25	Bottom	2.2	2.0	20.88	7.30	4.83	28.89	44,633																
LB-5	4/10/1996	10:00	Surface	1.3	0.2	20.02	7.46	6.55	28.79	44,470																
LB-5	4/10/1996	10:00	Mid	1.3	0.6	20.02	7.47	6.36	28.78	44,473	2.6	15	1.0	3.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.09	0.61	0.61	0.06	0.14	1.1	1.3*
LB-5	4/10/1996	10:00	Bottom	1.3	1.1	20.84	7.45	6.07	29.51	45,475																
LB-5 Rep	4/10/1996	10:10	Surface	1.3	0.2	20.02	7.47	6.56	28.80	44,489																
LB-5 Rep	4/10/1996	10:10	Mid	1.3	0.6	20.02	7.47	6.42	28.80	44,496	2.7	15	1.3	4.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.09	0.66	0.66	0.06	0.14	1.0	1.3*
LB-5 Rep	4/10/1996	10:10	Bottom	1.3	1.1	20.89	7.45	6.02	29.48	45,450																
ML-1	4/11/1996	11:20	Surface	2.1	0.2	20.27	6.73	6.39	0.22	452																
ML-1	4/11/1996	11:20	Mid	2.1	1.0	19.98	6.74	6.19	0.22	457	1.8	75	1.4	2.2	<0.01	0.05	0.02	0.07	0.05	0.02	0.84	0.89	0.52	0.55	<1.0	1.3
ML-1	4/11/1996	11:20	Bottom	2.1	1.9	19.88	6.75	6.19	0.31	586																
ML-2	4/11/1996	11:00	Surface	2.1	0.2	20.34	6.81	6.73	0.27	563																
ML-2	4/11/1996	11:00	Mid	2.1	1.0	20.15	6.83	6.75	0.29	586	1.8	125	0.1	1.4	<0.01	0.06	0.06	0.12	0.06	0.06	0.78	0.84	0.47	0.48	<1.0	1.3
ML-2	4/11/1996	11:00	Bottom	2.1	1.9	20.26	6.76	6.69	1.44	2,775																
ML-3	4/11/1996	10:45	Surface	2.3	0.2	20.36	6.94	7.14	0.60	1,205																
ML-3	4/11/1996	10:45	Mid	2.3	1.0	20.27	6.94	7.09	0.61	1,216	1.7	125	1.0	2.8	<0.01	0.10	0.06	0.16	0.10	0.06	0.92	1.02	0.41	0.42	1.6	1.3
ML-3	4/11/1996	10:45	Bottom	2.3	2.1	20.10	6.87	7.10	0.83	1,646																
ML-4	4/11/1996	10:25	Surface	1.8	0.2	20.26	6.93	6.95	0.66	1,323																
ML-4	4/11/1996	10:25	Mid	1.8	0.9	20.25	6.93	6.96	0.66	1,319	1.7	125	0.9	2.2	<0.01	0.06	<0.02	0.06	0.06	<0.02	0.97	1.03	0.43	0.44	1.1	1.5
ML-4	4/11/1996	10:25	Bottom	1.8	1.6	20.24	6.92	6.96	0.66	1,319																
ML-5	4/11/1996	10:00	Surface	1.0	0.2	20.08	6.93	6.98	0.70	1,398																
ML-5	4/11/1996	10:00	Mid	1.0	0.5	20.08	6.93	6.98	0.70	1,395	1.6	125	1.8	2.8	<0.01	0.10	0.06	0.16	0.10	0.06	0.91	1.01	0.44	0.44	1.0	1.0*
ML-5	4/11/1996	10:00	Bottom	1.0	0.8	20.08	6.93	6.98	0.70	1,393																
ML-5 Rep	4/11/1996	10:15	Surface	1.0	0.2	20.08	6.93	6.98	0.70	1,397																
ML-5 Rep	4/11/1996	10:15	Mid	1.0	0.5	20.08	6.94	6.98	0.70	1,395	1.4	125	1.8	3.0	<0.01	0.09	0.06	0.15	0.09	0.06	0.93	1.02	0.44	0.44	1.1	1.0*
ML-5 Rep	4/11/1996	10:15	Bottom	1.0	0.8	20.08	6.93	6.98	0.70	1,393																
MU-1	4/11/1996	12:35	Surface	2.3	0.2	20.57	6.61	6.69	0.19	391																
MU-1	4/11/1996	12:35	Mid	2.3	1.0	20.40	6.60	6.69	0.19	392	1.6	175	2.4	4.0	<0.01	0.07	0.07	0.14	0.07	0.07	0.79	0.86	0.55	0.58	<1.0	1.1
MU-1	4/11/1996	12:35	Bottom	2.3	2.1	20.31	6.61	6.71	0.19	390																
MU-2	4/11/1996	12:15	Surface	2.0	0.2	20.53	6.63	6.74	0.19	395																
MU-2	4/11/1996	12:15	Mid	2.0	1.0	20.37	6.64	6.57	0.19	400	1.8	150	4.2	11.4	<0.01	0.11	0.31	0.42	0.11	0.31	0.91	1.02	0.58	0.66	1.1	0.7
MU-2	4/11/1996	12:15	Bottom	2.0	1.8	19.77	6.94	6.46	0.20	417																
MU-3	4/11/1996	11:55	Surface	1.4	0.2	21.36	6.68	6.40	0.19	401																
MU-3	4/11/1996	11:55	Mid	1.4	0.7	20.83	6.67	6.40	0.19	402	1.6	100	3.9	3.0	<0.01	0.07	0.06	0.13	0.07	0.06	0.81	0.88	0.51	0.54	<1.0	1.0
MU-3	4/11/1996	11:55	Bottom	1.4	1.2	20.86	6.72	6.43	0.19	404																
MU-4	4/11/1996	11:45	Surface	1.4	0.2	20.91	6.73	6.80	0.19	406																
MU-4	4/11/1996	11:45	Mid	1.4	0.7	20.89	6.72	6.77	0.19	405	1.7	100	2.0	2.8	<0.01	0.13	0.30	0.43	0.13	0.30	1.14	1.27	0.34	0.35	<1.0	1.1
MU-4	4/11/1996	11:45	Bottom	1.4	1.2	20.83	6.72	6.77	0.19	405																
MU-5	4/11/1996	11:30	Surface	1.7	0.2	20.29	6.70	6.36	0.21	432																
MU-5	4/11/1996	11:30	Mid	1.7	0.8	20.10	6.70	6.30	0.21	432	1.6	100	1.7	2.8	<0.01	0.06	0.03	0.09	0.06	0.03	0.89	0.95	0.52	0.53	<1.0	1.4
MU-5	4/11/1996	11:30	Bottom	1.7	1.5	19.97	6.74	6.33	0.21	434																

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH pH Units	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	turbidity (NTU)	Dissolved TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved horganic (mg/L)	Total O2+NO (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
Equip Blank	4/9/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	4/8/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	4/10/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	4/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	0.1	0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
10-1	5/8/1996	12:05	Surface	1.9	0.2	26.30	7.98	6.59	32.20	49,313																
10-1	5/8/1996	12:05	Mid	1.9	0.9	26.30	7.96	6.63	32.20	49,315	2.6	5	0.4	8.6	<0.01	<0.01	<0.01	<0.01	0.01	0.05	0.48	0.49	0.01	0.06	1.6	1.9*
10-1	5/8/1996	12:05	Bottom	1.9	1.7	26.32	7.96	6.71	32.20	49,312																
10-2	5/8/1996	11:35	Surface	2.0	0.2	26.96	8.01	5.88	32.02	49,092																
10-2	5/8/1996	11:35	Mid	2.0	1.0	26.95	7.97	5.90	32.03	49,095	2.0	5	0.4	13.8	<0.01	<0.01	0.02	0.02	0.05	0.04	0.42	0.47	0.03	0.10	1.6	2.0*
10-2	5/8/1996	11:35	Bottom	2.0	1.8	26.98	7.96	6.43	32.03	49,103																
10-3	5/8/1996	11:50	Surface	5.3	0.2	26.96	8.03	6.80	32.20	49,331																
10-3	5/8/1996	11:50	Mid	5.3	1.0	26.96	8.00	6.77	32.19	49,325	2.8	5	0.3	8.8	<0.01	<0.01	<0.01	<0.01	0.02	0.06	0.38	0.40	<0.01	0.01	1.6	4.5
10-3	5/8/1996	11:50	Bottom	5.3	5.1	26.91	7.98	6.72	32.19	49,324																
10-4	5/8/1996	11:20	Surface	0.8	0.2	27.05	8.05	6.66	32.14	49,254																
10-4	5/8/1996	11:20	Mid	0.8	0.4	27.05	8.00	6.67	32.14	49,251	2.1	5	0.4	9.8	<0.01	<0.01	0.02	0.02	<0.01	0.03	0.48	0.48	<0.01	<0.01	1.6	0.8*
10-4	5/8/1996	11:20	Bottom	0.8	0.6	27.04	7.96	6.71	32.14	49,255																
10-5	5/8/1996	11:05	Surface	4.4	0.2	27.26	8.06	6.69	32.10	49,204																
10-5	5/8/1996	11:05	Mid	4.4	1.0	27.27	8.03	6.69	32.10	49,208	2.2	5	0.3	7.6	<0.01	<0.01	0.08	0.08	<0.01	0.08	0.33	0.33	<0.01	0.01	1.6	2.6
10-5	5/8/1996	11:05	Bottom	4.4	4.2	27.26	7.97	6.70	32.10	49,214																
11-1	5/8/1996	12:20	Surface	3.5	0.2	27.29	8.05	6.33	31.49	48,378																
11-1	5/8/1996	12:20	Mid	3.5	1.0	27.30	8.02	6.32	31.49	48,379	2.0	5	0.7	6.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.38	0.38	<0.01	0.01	1.6	2.7
11-1	5/8/1996	12:20	Bottom	3.5	3.3	27.29	7.98	6.32	31.50	48,383																
11-2	5/8/1996	12:40	Surface	3.4	0.2	27.20	7.97	5.91	31.79	48,781																
11-2	5/8/1996	12:40	Mid	3.4	1.0	27.19	7.93	5.85	31.80	48,787	1.7	5	0.4	8.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.36	0.36	<0.01	0.01	2.1	3.0
11-2	5/8/1996	12:40	Bottom	3.4	3.2	26.83	7.91	5.71	32.03	49,099																
11-3	5/8/1996	10:00	Surface	2.7	0.2	27.19	7.88	5.78	31.66	48,605																
11-3	5/8/1996	10:00	Mid	2.7	1.0	27.19	7.84	5.78	31.67	48,613	2.2	5	0.4	5.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	0.44	0.44	0.01	0.03	1.6	2.3
11-3	5/8/1996	10:00	Bottom	2.7	2.5	27.18	7.81	5.79	31.68	48,628																
11-3 Rep	5/8/1996	10:10	Surface	2.7	0.2	27.20	7.96	5.76	31.65	48,598																
11-3 Rep	5/8/1996	10:10	Mid	2.7	1.0	27.20	7.96	5.75	31.65	48,591	2.1	5	0.3	5.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.05	0.41	0.41	0.01	0.03	1.1	2.3
11-3 Rep	5/8/1996	10:10	Bottom	2.7	2.5	27.18	7.96	5.72	31.65	48,582																
11-4	5/8/1996	10:35	Surface	3.1	0.2	27.21	7.99	5.99	31.59	48,507																
11-4	5/8/1996	10:35	Mid	3.1	1.0	27.21	7.98	5.95	31.59	48,514	2.1	5	0.4	5.6	<0.01	0.03	0.02	0.05	0.03	0.04	0.42	0.45	<0.01	0.01	2.1	2.2
11-4	5/8/1996	10:35	Bottom	3.1	2.9	27.31	7.91	5.02	31.69	48,646																
11-5	5/8/1996	10:50	Surface	2.6	0.2	27.54	7.89	5.37	31.52	48,420																
11-5	5/8/1996	10:50	Mid	2.6	1.0	27.52	7.86	5.42	31.55	48,463	1.9	5	0.3	4.2	<0.01	<0.01	0.04	0.04	<0.01	0.05	0.61	0.61	0.02	0.05	2.1	2.4
11-5	5/8/1996	10:50	Bottom	2.6	2.4	27.32	7.83	5.46	31.77	48,762																
13-1	5/10/1996	11:35	Surface	1.6	0.2	27.50	7.68	5.84	29.62	45,800																
13-1	5/10/1996	11:35	Mid	1.6	0.8	27.47	7.67	6.01	29.64	45,823	1.4	5	0.6	4.2	<0.01	<0.01	0.03	0.03	<0.01	0.05	0.59	0.59	0.05	0.12	1.1	1.6*
13-1	5/10/1996	11:35	Bottom	1.6	1.4	27.15	7.73	6.16	30.16	46,577																
13-2	5/10/1996	11:20	Surface	1.8	0.2	27.52	7.64	5.92	29.25	45,302																
13-2	5/10/1996	11:20	Mid	1.8	0.9	27.51	7.64	6.05	29.28	45,330	1.5	10	0.7	7.8	<0.01	<0.01	0.05	0.05	<0.01	0.06	0.44	0.44	0.05	0.12	1.6	1.8*
13-2	5/10/1996	11:20	Bottom	1.8	1.6	27.48	7.71	6.08	30.21	46,624																
13-3	5/10/1996	11:00	Surface	3.9	0.2	27.17	7.57	5.86	28.17	43,778																
13-3	5/10/1996	11:00	Mid	3.9	1.0	27.11	7.57	5.74	28.14	43,748	1.5	15	0.6	7.8	<0.01	0.02	0.02	0.04	0.08	0.11	0.47	0.55	0.07	0.14	2.7	2.1
13-3	5/10/1996	11:00	Bottom	3.9	3.7	27.06	7.62	5.60	28.28	43,929																
13-4	5/10/1996	10:40	Surface	2.6	0.2	27.06	7.57	5.34	27.51	42,860																
13-4	5/10/1996	10:40	Mid	2.6	1.0	26.95	7.55	5.20	27.76	43,206	1.8	15	0.7	8.0	<0.01	<0.01	0.03	0.03	<0.01	0.05	0.62	0.62	0.08	0.15	2.7	2.0
13-4	5/10/1996	10:40	Bottom	2.6	2.4	26.92	7.53	5.21	27.79	43,249																
13-5	5/10/1996	10:30	Surface	2.0	0.2	27.00	7.55	5.27	27.59	42,973																
13-5	5/10/1996	10:30	Mid	2.0	1.0	26.96	7.54	5.25	27.65	43,051	1.8	15	0.5	8.2	<0.01	<0.01	0.03	0.03	<0.01	0.06	0.62	0.62	0.07	0.15	2.1	1.9
13-5	5/10/1996	10:30	Bottom	2.0	1.8	26.96	7.52	5.27	27.69	43,110																
14-1	5/10/1996	10:15	Surface	2.2	0.2	26.74	7.64	5.62	27.50	42,839																
14-1	5/10/1996	10:15	Mid	2.2	1.0	26.73	7.63	5.58	27.52	42,860	1.9	15	0.6	7.8	<0.01	0.09	0.03	0.12	0.09	0.05	0.55	0.64	0.08	0.13	3.2	2.2*

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Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH pH Units	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	turbidity (NTU)	Dissolved TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic (mg/L)	Total O2+N (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
14-1	5/10/1996	10:15	Bottom	2.2	2.0	26.63	7.62	5.47	27.54	42,900																
14-2	5/10/1996	10:05	Surface	1.4	0.2	26.66	7.79	6.61	27.96	43,466																
14-2	5/10/1996	10:05	Mid	1.4	0.7	26.64	7.78	6.59	28.00	43,523	1.8	10	0.8	9.2	<0.01	0.01	<0.01	0.01	0.01	0.04	0.67	0.68	0.05	0.14	2.1	1.4*
14-2	5/10/1996	10:05	Bottom	1.4	1.2	26.56	7.77	6.48	28.01	43,543																
14-3	5/10/1996	9:50	Surface	1.1	0.2	26.70	7.70	5.89	28.24	43,864																
14-3	5/10/1996	9:50	Mid	1.1	0.5	26.70	7.67	5.93	28.24	43,865	2.3	10	0.7	12.2	<0.01	0.03	0.02	0.05	0.03	0.04	0.66	0.69	0.05	0.15	2.7	1.1*
14-3	5/10/1996	9:50	Bottom	1.1	0.9	26.70	7.64	5.94	28.24	43,866																
14-4	5/10/1996	9:40	Surface	2.3	0.2	26.49	7.69	6.08	29.56	45,664																
14-4	5/10/1996	9:40	Mid	2.3	1.0	26.79	7.68	6.03	29.85	46,078	2.1	5	0.7	2.0	<0.01	<0.01	0.04	0.04	<0.01	0.10	0.75	0.75	0.05	0.14	2.7	1.8
14-4	5/10/1996	9:40	Bottom	2.3	2.1	27.15	7.64	5.98	30.35	46,793																
14-5	5/10/1996	9:30	Surface	1.3	0.2	26.73	7.72	6.23	30.54	47,048																
14-5	5/10/1996	9:30	Mid	1.3	0.6	26.71	7.69	6.24	30.53	47,041	1.3	5	0.5	10.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.56	0.56	0.03	0.12	1.1	1.3*
14-5	5/10/1996	9:30	Bottom	1.3	1.1	26.69	7.62	6.30	30.53	47,036																
14-5 Rep	5/10/1996	9:31	Surface	1.3	0.2	26.74	7.72	6.23	30.54	47,056																
14-5 Rep	5/10/1996	9:31	Mid	1.3	0.6	26.71	7.70	6.24	30.54	47,043	1.5	5	0.6	13.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.54	0.54	0.03	0.13	1.2	1.3*
14-5 Rep	5/10/1996	9:31	Bottom	1.3	1.1	26.68	7.64	6.28	30.53	47,035																
16-1	5/7/1996	13:00	Surface	2.2	0.2	28.08	8.24	6.89	29.40	45,400																
16-1	5/7/1996	13:00	Mid	2.2	1.0	27.99	8.24	6.82	29.50	45,500	3.5	10	1.4	7.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	0.48	0.48	<0.01	0.01	2.1	2.0
16-1	5/7/1996	13:00	Bottom	2.2	2.0	27.98	8.23	6.70	29.50	45,600																
16-2	5/7/1996	12:45	Surface	1.4	0.2	27.71	8.22	6.36	29.80	46,000																
16-2	5/7/1996	12:45	Mid	1.4	0.7	27.62	8.21	6.28	29.80	46,000	2.6	5	0.4	9.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.42	0.42	<0.01	0.01	1.1	1.4*
16-2	5/7/1996	12:45	Bottom	1.4	1.2	27.60	8.22	6.22	29.80	46,000																
16-3	5/7/1996	13:30	Surface	1.7	0.2	27.58	8.23	6.47	30.10	46,300																
16-3	5/7/1996	13:30	Mid	1.7	0.8	27.58	8.22	6.42	30.00	46,200	2.9	5	0.3	18.8	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.50	0.50	<0.01	0.01	1.6	1.7*
16-3	5/7/1996	13:30	Bottom	1.7	1.5	27.59	8.24	6.38	30.00	46,300																
16-4	5/7/1996	12:15	Surface	2.2	0.2	27.43	8.23	6.68	29.90	46,100																
16-4	5/7/1996	12:15	Mid	2.2	1.0	27.40	8.22	6.69	29.90	46,100	4.0	5	0.3	17.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.42	0.42	<0.01	0.01	3.7	2.0
16-4	5/7/1996	12:15	Bottom	2.2	2.0	27.39	8.22	6.71	29.90	46,000																
16-5	5/7/1996	11:55	Surface	1.3	0.2	27.94	8.22	6.52	29.90	46,100																
16-5	5/7/1996	11:55	Mid	1.3	0.6	27.92	8.24	6.66	29.90	46,000	2.7	5	0.4	15.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.35	0.35	<0.01	0.01	2.7	1.3*
16-5	5/7/1996	11:55	Bottom	1.3	1.1	27.94	8.24	6.80	29.90	46,000																
LB-1	5/7/1996	11:05	Surface	0.9	0.2	28.75	8.00	5.44	24.80	38,900																
LB-1	5/7/1996	11:05	Mid	0.9	0.4	28.75	7.99	5.43	24.70	38,900	2.5	25	0.3	0.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	0.54	0.54	0.01	0.23	3.2	0.9*
LB-1	5/7/1996	11:05	Bottom	0.9	0.7	28.75	7.98	5.46	24.70	38,800																
LB-2	5/7/1996	10:50	Surface	1.9	0.2	27.73	8.17	5.34	26.70	41,600																
LB-2	5/7/1996	10:50	Mid	1.9	0.9	27.66	8.17	5.47	26.70	41,700	4.5	15	0.3	6.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.70	0.70	<0.01	0.24	9.6	1.9*
LB-2	5/7/1996	10:50	Bottom	1.9	1.7	27.58	8.15	5.77	26.70	41,700																
LB-3	5/7/1996	10:35	Surface	1.7	0.2	27.61	8.30	6.43	26.90	42,000																
LB-3	5/7/1996	10:35	Mid	1.7	0.8	27.59	8.29	6.44	26.90	41,900	4.9	10	0.3	9.0	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	0.54	0.54	<0.01	0.23	9.1	1.7*
LB-3	5/7/1996	10:35	Bottom	1.7	1.5	27.58	8.29	6.43	26.70	42,000																
LB-4	5/7/1996	10:15	Surface	1.0	0.2	27.85	8.30	6.18	28.30	43,900																
LB-4	5/7/1996	10:15	Mid	1.0	0.5	27.85	8.29	6.16	28.40	43,900	6.0	5	0.3	8.2	<0.01	<0.01	0.03	0.03	<0.01	0.12	0.52	0.52	<0.01	0.20	10.1	1.0*
LB-4	5/7/1996	10:15	Bottom	1.0	0.8	27.84	8.29	6.09	26.90	44,000																
LB-5	5/7/1996	10:00	Surface	1.5	0.2	27.77	8.27	5.58	29.00	44,800																
LB-5	5/7/1996	10:00	Mid	1.5	0.7	27.78	8.27	5.60	29.00	44,800	5.5	10	0.3	7.8	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	0.48	0.48	<0.01	0.12	2.7	1.5*
LB-5	5/7/1996	10:00	Bottom	1.5	1.3	27.75	8.27	5.49	29.00	44,900																
LB-5 Rep	5/7/1996	10:01	Surface	1.5	0.2	27.77	8.27	5.59	28.90	44,800																
LB-5 Rep	5/7/1996	10:01	Mid	1.5	0.7	27.77	8.26	5.59	29.00	44,800	5.4	10	0.3	7.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.05	0.48	0.48	<0.01	0.12	2.6	1.5*
LB-5 Rep	5/7/1996	10:01	Bottom	1.5	1.3	27.76	8.26	5.55	29.00	44,900																
ML-1	5/9/1996	10:25	Surface	1.2	0.2	27.03	7.07	6.01	2.63	4,918																
ML-1	5/9/1996	10:25	Mid	1.2	0.6	26.99	7.05	5.85	2.30	4,926	0.8	100	0.5	5.8	<0.01	0.03	0.02	0.05	0.03	0.05	0.86	0.89	0.34	0.35	2.7	1.2*
ML-1	5/9/1996	10:25	Bottom	1.2	1.0	26.95	7.01	5.85	2.83	5,256																
ML-2	5/9/1996	10:10	Surface	1.1	0.2	26.95	7.12	6.17	3.17	5,875																
ML-2	5/9/1996	10:10	Mid	1.1	0.5	26.95	7.11	6.16	3.17	5,865	0.9	75	0.6	6.0	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.65	0.65	0.29	0.30	2.7	1.1*

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temp	pH	Dissolved Oxygen	Salinity	Specific Conduct	BOD	Color	Turbidity	Dissolved TSS	Dissolved NO2	Dissolved NO3	Dissolved NH3	Dissolved Inorganic	Total O2+N	Total NH3	TKN	Total Nitrogen	OP	TP	Chlorophyll	Secchi Depth
	(mm/dd/yy)	(24-hours)		(m)	(m)	(°C)	pH Units	(mg/L)	(ppt)	(µS/cm)	(mg/L)	(APU)	(NTU)	(mg/L)	(mg/L)	(mg/L)	(ppb)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µg/L)	(m)	
ML-2	5/9/1996	10:10	Bottom	1.1	0.9	26.96	7.11	6.17	3.16	5,855																
ML-3	5/9/1996	10:00	Surface	3.3	0.2	27.05	7.12	6.06	3.05	5,663																
ML-3	5/9/1996	10:00	Mid	3.3	1.0	26.77	7.07	5.96	3.49	6,421	1.1	75	0.6	7.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.81	0.81	0.29	0.32	4.8	1.5
ML-3	5/9/1996	10:00	Bottom	3.3	3.1	26.61	7.04	5.95	3.88	7,090																
ML-4	5/9/1996	9:45	Surface	1.7	0.2	26.51	6.93	6.09	4.21	7,645																
ML-4	5/9/1996	9:45	Mid	1.7	0.8	26.52	6.92	6.09	4.19	7,608	1.0	75	0.5	6.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.79	0.79	0.27	0.31	4.3	1.1
ML-4	5/9/1996	9:45	Bottom	1.7	1.5	26.51	6.91	6.11	4.18	7,590																
ML-5	5/9/1996	9:35	Surface	2.3	0.2	26.12	7.00	6.22	5.33	9,514																
ML-5	5/9/1996	9:35	Mid	2.3	1.0	26.05	6.98	6.20	5.38	9,607	1.2	75	0.6	7.8	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.86	0.86	0.24	0.28	2.1	1.3
ML-5	5/9/1996	9:35	Bottom	2.3	2.1	25.91	6.92	6.12	5.44	9,696																
ML-5 Rep	5/9/1996	9:36	Surface	2.3	0.2	26.12	7.00	6.23	5.33	9,519																
ML-5 Rep	5/9/1996	9:36	Mid	2.3	1.0	26.04	6.99	6.22	5.38	9,608	1.1	75	0.6	8.0	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.87	0.87	0.24	0.28	1.8	1.3
ML-5 Rep	5/9/1996	9:36	Bottom	2.3	2.1	25.90	6.92	6.13	5.44	9,704																
MU-1	5/9/1996	11:45	Surface	2.0	0.2	27.89	6.86	5.28	0.18	384																
MU-1	5/9/1996	11:45	Mid	2.0	1.0	27.87	6.86	5.27	0.18	376	0.8	100	0.8	1.4	<0.01	<0.01	<0.01	<0.01	0.01	0.08	0.56	0.57	0.59	0.60	1.6	1.2
MU-1	5/9/1996	11:45	Bottom	2.0	1.8	27.86	6.85	5.27	0.18	388																
MU-2	5/9/1996	11:25	Surface	3.4	0.2	28.11	6.94	5.71	0.19	391																
MU-2	5/9/1996	11:25	Mid	3.4	1.0	27.92	6.90	5.59	0.18	389	1.3	100	0.7	2.4	<0.01	<0.01	0.03	0.03	<0.01	0.03	0.65	0.65	0.57	0.58	3.2	1.4
MU-2	5/9/1996	11:25	Bottom	3.4	3.2	27.82	6.89	5.46	0.18	388																
MU-3	5/9/1996	11:10	Surface	1.1	0.2	27.93	7.23	7.05	0.22	454																
MU-3	5/9/1996	11:10	Mid	1.1	0.5	27.92	7.23	7.08	0.22	455	1.0	100	0.7	2.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.08	0.64	0.64	0.54	0.55	4.3	1.1*
MU-3	5/9/1996	11:10	Bottom	1.1	0.9	27.91	7.24	7.12	0.21	458																
MU-4	5/9/1996	10:50	Surface	1.7	0.2	27.36	7.19	6.64	0.49	1,011																
MU-4	5/9/1996	10:50	Mid	1.7	0.8	27.35	7.19	6.63	0.49	998	0.9	100	0.6	2.0	<0.01	<0.01	0.03	0.03	<0.01	0.05	0.71	0.71	0.49	0.49	3.7	1.2
MU-4	5/9/1996	10:50	Bottom	1.7	1.5	27.36	7.19	6.62	0.49	973																
MU-5	5/9/1996	10:40	Surface	1.3	0.2	27.33	7.12	6.29	0.89	1,760																
MU-5	5/9/1996	10:40	Mid	1.3	0.6	27.32	7.12	6.28	0.88	1,748	0.9	125	0.6	4.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	0.69	0.69	0.45	0.45	2.7	1.1
MU-5	5/9/1996	10:40	Bottom	1.3	1.1	27.33	7.12	6.28	0.87	1,736																
Equip Blank	5/8/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	0.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	0.01	0.01	<1.0	NA	
Equip Blank	5/10/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA	
Equip Blank	5/7/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA	
Equip Blank	5/9/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA	
10-1	6/18/1996	12:30	Surface	3.8	0.2	29.65	8.04	7.09	30.91	47,674																
10-1	6/18/1996	12:30	Mid	3.8	1.0	28.73	8.04	7.20	31.34	48,218	1.1	5	1.6	8.8	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.48	0.50	0.06	0.06	1.8	2.8
10-1	6/18/1996	12:30	Bottom	3.8	3.6	29.30	7.97	6.83	32.21	49,453																
10-2	6/18/1996	11:55	Surface	1.8	0.2	29.52	7.97	7.27	31.59	48,592																
10-2	6/18/1996	11:55	Mid	1.8	0.9	29.24	7.91	7.65	31.62	48,633	1.3	5	0.7	7.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.36	0.36	0.02	0.03	<1.0	1.8*
10-2	6/18/1996	11:55	Bottom	1.8	1.6	29.27	7.80	8.38	31.65	48,671																
10-3	6/18/1996	12:10	Surface	1.6	0.2	29.51	8.02	7.53	32.49	49,831																
10-3	6/18/1996	12:10	Mid	1.6	0.8	29.51	8.00	7.62	32.48	49,824	0.6	5	0.4	11.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.47	0.47	0.02	0.02	<1.0	1.6*
10-3	6/18/1996	12:10	Bottom	1.6	1.4	29.52	7.93	7.77	31.03	47,836																
10-4	6/18/1996	11:35	Surface	4.8	0.2	29.33	8.04	6.76	31.71	48,755																
10-4	6/18/1996	11:35	Mid	4.8	1.0	29.28	8.04	6.77	31.76	48,832	0.8	5	0.9	11.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.34	0.34	0.02	0.03	1.8	3.3
10-4	6/18/1996	11:35	Bottom	4.8	4.6	29.23	8.03	6.71	31.84	48,939																
10-5	6/18/1996	10:20	Surface	3.1	0.2	28.99	7.94	7.06	31.94	49,054																
10-5	6/18/1996	10:20	Mid	3.1	1.0	28.99	7.93	7.17	31.92	49,036	0.6	5	0.7	7.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.42	0.42	0.02	0.02	1.2	3.1*
10-5	6/18/1996	10:20	Bottom	3.1	2.9	28.98	7.90	7.29	31.91	49,017																
10-5 Rep	6/18/1996	10:30	Surface	3.1	0.2	28.99	7.93	7.04	31.93	49,053																
10-5 Rep	6/18/1996	10:30	Mid	3.1	1.0	28.99	7.93	7.20	31.92	49,039	0.5	5	0.7	7.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.38	0.38	0.02	0.02	1.0	3.1*
10-5 Rep	6/18/1996	10:30	Bottom	3.1	2.9	28.98	7.91	7.26	31.91	49,016																
11-1	6/18/1996	12:45	Surface	2.6	0.2	29.91	8.04	6.69	31.05	47,877																
11-1	6/18/1996	12:45	Mid	2.6	1.0	29.68	8.02	6.64	31.16	48,021	1.3	5	1.5	7.0	<0.01	0.04	<0.01	0.04	0.04	<0.01	0.30	0.34	0.02	0.03	1.9	2.1
11-1	6/18/1996	12:45	Bottom	2.6	2.4	29.54	8.01	6.83	31.26	48,159																
11-2	6/18/1996	13:05	Surface	4.0	0.2	29.52	8.03	6.92	31.63	48,655																

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH pH Units	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	turbidity (NTU)	Dissolved TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved horganic (mg/L)	Total O2+N (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
11-2	6/18/1996	13:05	Mid	4.0	1.0	29.38	8.03	6.95	31.60	48,613	0.8	5	1.2	19.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.33	0.33	0.01	0.02	1.1	2.7
11-2	6/18/1996	13:05	Bottom	4.0	3.8	29.19	8.01	7.00	31.54	48,531																
11-3	6/18/1996	11:25	Surface	4.0	0.2	29.21	7.97	6.90	31.09	47,910																
11-3	6/18/1996	11:25	Mid	4.0	1.0	29.18	7.97	6.89	31.15	48,001	1.1	5	1.2	13.0	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.40	0.42	0.02	0.02	1.6	3.5
11-3	6/18/1996	11:25	Bottom	4.0	3.8	29.11	7.94	6.90	31.14	47,960																
11-4	6/18/1996	11:10	Surface	1.6	0.2	29.17	7.96	6.96	31.81	48,883																
11-4	6/18/1996	11:10	Mid	1.6	0.8	29.17	7.95	7.07	31.81	48,889	0.8	5	0.9	11.2	<0.01	0.04	<0.01	0.04	0.04	<0.01	0.41	0.45	0.02	0.02	<1.0	1.6*
11-4	6/18/1996	11:10	Bottom	1.6	1.4	29.18	7.92	7.15	31.82	48,900																
11-5	6/18/1996	10:50	Surface	2.9	0.2	29.36	7.92	6.60	29.67	45,970																
11-5	6/18/1996	10:50	Mid	2.9	1.0	29.06	7.96	6.92	31.13	47,912	1.3	5	1.0	12.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.43	0.43	0.05	0.05	1.2	2.9*
11-5	6/18/1996	10:50	Bottom	2.9	2.7	29.14	7.98	7.02	31.87	48,972																
13-1	6/19/1996	12:30	Surface	1.2	0.2	30.73	7.64	7.14	30.01	46,449																
13-1	6/19/1996	12:30	Mid	1.2	0.6	30.47	7.59	6.78	30.37	46,960	1.8	5	3.3	11.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.58	0.58	0.02	0.06	2.1	1.2*
13-1	6/19/1996	12:30	Bottom	1.2	1.0	30.20	7.51	6.13	30.84	47,650																
13-2	6/19/1996	12:15	Surface	1.2	0.2	30.70	7.72	8.67	25.97	40,800																
13-2	6/19/1996	12:15	Mid	1.2	0.6	30.65	7.68	8.64	26.40	41,446	2.3	10	1.8	14.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.73	0.73	0.08	0.12	2.7	1.2*
13-2	6/19/1996	12:15	Bottom	1.2	1.0	30.68	7.66	7.69	26.34	41,359																
13-3	6/19/1996	11:50	Surface	1.7	0.2	30.41	7.60	7.19	25.92	40,737																
13-3	6/19/1996	11:50	Mid	1.7	0.8	30.36	7.57	7.02	26.66	41,810	2.7	10	3.2	13.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.52	0.52	0.08	0.10	4.8	1.4
13-3	6/19/1996	11:50	Bottom	1.7	1.5	30.31	7.52	7.01	26.83	42,029																
13-4	6/19/1996	11:40	Surface	1.3	0.2	30.27	7.64	7.41	25.29	39,850																
13-4	6/19/1996	11:40	Mid	1.3	0.6	30.28	7.62	7.44	25.30	39,863	2.4	15	3.4	10.6	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.61	0.63	0.14	0.15	6.5	1.3*
13-4	6/19/1996	11:40	Bottom	1.3	1.1	30.28	7.58	7.46	25.29	39,855																
13-5	6/19/1996	11:25	Surface	3.2	0.2	30.12	7.61	7.21	25.36	39,947																
13-5	6/19/1996	11:25	Mid	3.2	1.0	30.07	7.59	7.16	25.36	39,954	2.0	15	4.2	17.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.70	0.70	0.12	0.12	5.8	1.4
13-5	6/19/1996	11:25	Bottom	3.2	3.0	30.05	7.53	7.11	25.38	39,974																
14-1	6/19/1996	11:10	Surface	2.1	0.2	30.10	7.75	8.87	25.12	39,607																
14-1	6/19/1996	11:10	Mid	2.1	1.0	29.75	7.74	8.96	25.50	40,134	2.8	10	2.3	9.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.52	0.52	0.09	0.10	2.9	1.5
14-1	6/19/1996	11:10	Bottom	2.1	1.9	29.66	7.64	7.91	25.95	40,765																
14-2	6/19/1996	10:55	Surface	2.0	0.2	29.73	7.73	8.19	26.06	40,916																
14-2	6/19/1996	10:55	Mid	2.0	1.0	29.59	7.70	8.15	26.27	41,216	3.4	10	2.4	10.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.51	0.51	0.08	0.10	1.8	1.5
14-2	6/19/1996	10:55	Bottom	2.0	1.8	30.33	7.13	6.88	27.41	42,852																
14-3	6/19/1996	10:35	Surface	3.0	0.2	29.21	7.81	7.65	26.60	41,647																
14-3	6/19/1996	10:35	Mid	3.0	1.0	29.14	7.78	7.57	27.23	42,559	2.2	10	2.2	11.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.67	0.67	0.07	0.08	1.8	1.7
14-3	6/19/1996	10:35	Bottom	3.0	2.8	30.18	7.58	5.90	29.92	46,345																
14-4	6/19/1996	10:20	Surface	2.0	0.2	29.32	7.71	6.84	29.37	45,528																
14-4	6/19/1996	10:20	Mid	2.0	1.0	29.35	7.71	6.83	29.54	45,728	1.6	10	1.8	11.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.58	0.58	0.05	0.05	3.5	2.0*
14-4	6/19/1996	10:20	Bottom	2.0	1.8	29.80	7.65	6.66	29.88	46,257																
14-5	6/19/1996	10:00	Surface	1.1	0.2	29.58	7.64	6.09	29.95	46,345																
14-5	6/19/1996	10:00	Mid	1.1	0.5	29.58	7.64	6.11	29.94	46,338	1.1	10	1.5	9.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.59	0.59	0.07	0.08	3.2	1.1*
14-5	6/19/1996	10:00	Bottom	1.1	0.9	29.58	7.62	6.13	29.95	46,345																
14-5 Rep	6/19/1996	10:05	Surface	1.1	0.2	29.58	7.64	6.09	29.94	46,334																
14-5 Rep	6/19/1996	10:05	Mid	1.1	0.5	29.58	7.64	6.10	29.94	46,339	1.1	10	1.2	10.3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.60	0.60	0.07	0.08	3.5	1.1*
14-5 Rep	6/19/1996	10:05	Bottom	1.1	0.9	29.58	7.63	6.12	29.94	46,334																
16-1	6/17/1996	13:05	Surface	2.6	0.2	29.60	7.97	6.99	31.35	48,250																
16-1	6/17/1996	13:05	Mid	2.6	1.0	29.62	7.94	7.02	32.04	49,222	1.7	10	5.5	11.6	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.26	0.28	0.04	0.07	2.3	2.0
16-1	6/17/1996	13:05	Bottom	2.6	2.4	29.62	7.89	7.10	32.12	49,332																
16-2	6/17/1996	12:50	Surface	1.4	0.2	30.00	8.04	8.09	31.84	48,956																
16-2	6/17/1996	12:50	Mid	1.4	0.7	29.75	7.97	7.44	31.99	49,170	1.3	10	1.7	7.8	<0.01	0.06	<0.01	0.06	0.06	<0.01	0.41	0.47	0.03	0.03	2.3	1.4*
16-2	6/17/1996	12:50	Bottom	1.4	1.2	29.65	7.89	7.49	32.14	49,352																
16-3	6/17/1996	12:40	Surface	2.3	0.2	29.60	7.95	7.09	32.24	49,487																
16-3	6/17/1996	12:40	Mid	2.3	1.0	29.60	7.93	7.11	32.48	49,821	1.3	5	1.6	10.2	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.55	0.57	0.02	0.03	1.6	2.3*
16-3	6/17/1996	12:40	Bottom	2.3	2.1	29.60	7.91	7.10	32.54	49,914																
16-4	6/17/1996	12:25	Surface	3.3	0.2	29.67	7.97	7.19	32.55	49,921																

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH pH Units	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	turbidity (NTU)	Dissolved TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic (mg/L)	Total O2+N (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
16-4	6/17/1996	12:25	Mid	3.3	1.0	29.64	7.96	7.13	32.61	50,012	1.0	5	1.7	10.4	<0.01	0.07	<0.01	0.07	0.08	<0.01	0.15	0.23	0.01	0.02	<1.0	2.5
16-4	6/17/1996	12:25	Bottom	3.3	3.1	29.61	7.94	7.07	32.63	50,025																
16-5	6/17/1996	12:10	Surface	1.6	0.2	29.68	7.95	7.51	32.63	50,027																
16-5	6/17/1996	12:10	Mid	1.6	0.8	29.66	7.95	7.52	32.63	50,037	0.8	5	1.1	6.6	<0.01	0.08	<0.01	0.08	0.09	<0.01	0.20	0.29	0.02	0.02	<1.0	1.6*
16-5	6/17/1996	12:10	Bottom	1.6	1.4	29.66	7.93	7.55	32.63	50,038																
LB-1	6/17/1996	11:00	Surface	2.7	0.2	30.47	8.02	7.00	26.89	42,118																
LB-1	6/17/1996	11:00	Mid	2.7	1.0	30.46	8.01	6.94	26.88	42,105	9.2	35	3.3	13.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.72	0.72	0.09	0.25	1.1	1.5
LB-1	6/17/1996	11:00	Bottom	2.7	2.5	30.45	7.98	6.86	26.80	41,995																
LB-2	6/17/1996	10:40	Surface	1.5	0.2	30.04	8.19	7.53	26.88	42,088																
LB-2	6/17/1996	10:40	Mid	1.5	0.7	30.04	8.18	7.46	26.90	42,116	4.4	30	3.0	20.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.80	0.80	0.11	0.24	5.9	1.3
LB-2	6/17/1996	10:40	Bottom	1.5	1.3	30.00	8.17	7.41	26.91	42,119																
LB-3	6/17/1996	10:25	Surface	1.0	0.2	29.43	8.33	7.77	28.05	43,701																
LB-3	6/17/1996	10:25	Mid	1.0	0.5	29.31	8.31	7.64	28.06	43,714	8.0	25	2.4	7.8	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	0.67	0.69	0.08	0.18	7.7	1.0*
LB-3	6/17/1996	10:25	Bottom	1.0	0.8	29.04	8.26	7.64	28.08	43,739																
LB-4	6/17/1996	10:10	Surface	1.4	0.2	28.82	8.33	8.01	28.91	44,871																
LB-4	6/17/1996	10:10	Mid	1.4	0.7	28.81	8.33	7.98	28.91	44,869	5.3	25	2.2	13.2	<0.01	0.03	0.02	0.05	0.04	0.05	0.69	0.73	0.06	0.15	1.8	1.4*
LB-4	6/17/1996	10:10	Bottom	1.4	1.2	28.75	8.30	7.93	28.91	44,862																
LB-5	6/17/1996	9:55	Surface	2.1	0.2	29.40	8.23	6.81	31.37	48,299																
LB-5	6/17/1996	9:55	Mid	2.1	1.0	29.35	8.22	6.73	31.47	48,432	1.7	10	1.4	8.2	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	0.50	0.53	0.03	0.08	3.2	2.1*
LB-5	6/17/1996	9:55	Bottom	2.1	1.9	29.34	8.22	6.75	31.48	48,439																
LB-5 Rep	6/17/1996	10:00	Surface	2.1	0.2	29.41	8.23	6.80	31.37	48,300																
LB-5 Rep	6/17/1996	10:00	Mid	2.1	1.0	29.37	8.23	6.75	31.47	48,433	1.8	10	1.2	8.0	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	0.52	0.55	0.04	0.07	3.3	2.1*
LB-5 Rep	6/17/1996	10:00	Bottom	2.1	1.9	29.35	8.22	6.75	31.48	48,438																
ML-1	6/20/1996	11:00	Surface	1.4	0.2	29.72	6.95	6.34	3.22	5,982																
ML-1	6/20/1996	11:00	Mid	1.4	0.7	29.75	6.92	6.40	3.48	6,421	1.1	70	1.9	0.9	<0.01	0.07	0.04	0.11	0.07	0.04	0.86	0.93	0.36	0.71	4.3	1.2
ML-1	6/20/1996	11:00	Bottom	1.4	1.2	29.75	6.86	6.55	3.48	6,429																
ML-2	6/20/1996	10:50	Surface	1.3	0.2	29.44	6.97	6.23	3.75	6,969																
ML-2	6/20/1996	10:50	Mid	1.3	0.6	29.62	6.95	6.18	4.07	7,446	1.0	70	1.8	0.4	<0.01	0.05	0.02	0.07	0.05	0.03	0.83	0.88	0.26	0.29	2.9	1.2
ML-2	6/20/1996	10:50	Bottom	1.3	1.1	29.66	6.90	6.16	4.11	7,499																
ML-3	6/20/1996	10:40	Surface	1.8	0.2	29.37	6.99	6.11	3.74	6,866																
ML-3	6/20/1996	10:40	Mid	1.8	0.9	29.54	6.93	5.96	4.66	8,443	1.1	70	2.0	1.0	<0.01	0.02	0.02	0.04	0.03	0.02	0.81	0.84	0.32	0.48	5.9	1.2
ML-3	6/20/1996	10:40	Bottom	1.8	1.6	29.61	6.89	5.87	4.98	8,973																
ML-4	6/20/1996	10:30	Surface	2.3	0.2	29.39	6.93	5.96	5.50	9,830																
ML-4	6/20/1996	10:30	Mid	2.3	1.0	29.71	6.91	5.87	6.42	11,381	1.6	70	2.1	2.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.94	0.94	0.46	0.46	8.8	1.2
ML-4	6/20/1996	10:30	Bottom	2.3	2.1	29.71	6.87	5.84	6.63	11,718																
ML-5	6/20/1996	10:10	Surface	2.1	0.2	29.24	7.03	6.07	8.08	14,024																
ML-5	6/20/1996	10:10	Mid	2.1	1.0	29.66	7.03	5.93	9.30	15,999	1.9	70	1.6	4.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.88	0.88	0.28	0.29	9.7	1.0
ML-5	6/20/1996	10:10	Bottom	2.1	1.9	29.89	7.00	5.85	9.83	16,846																
ML-5 Rep	6/20/1996	10:20	Surface	2.1	0.2	29.23	7.02	6.05	8.07	14,000																
ML-5 Rep	6/20/1996	10:20	Mid	2.1	1.0	29.71	7.03	5.95	9.25	15,931	2.1	70	1.8	5.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.87	0.87	0.26	0.28	9.5	1.0
ML-5 Rep	6/20/1996	10:20	Bottom	2.1	1.9	29.89	7.00	5.84	9.83	16,845																
MU-1	6/20/1996	12:10	Surface	1.7	0.2	29.87	6.88	3.49	0.17	352																
MU-1	6/20/1996	12:10	Mid	1.7	0.8	29.87	6.88	3.34	0.16	351	1.7	70	0.9	0.2	<0.01	0.07	0.03	0.10	0.08	0.03	0.56	0.64	0.27	0.75	2.9	1.5
MU-1	6/20/1996	12:10	Bottom	1.7	1.5	29.87	6.88	3.22	0.16	351																
MU-2	6/20/1996	11:50	Surface	2.9	0.2	29.96	6.87	3.96	0.17	353																
MU-2	6/20/1996	11:50	Mid	2.9	1.0	29.96	6.87	3.77	0.17	356	1.9	70	1.1	0.8	<0.01	0.08	0.02	0.10	0.08	0.04	1.22	1.30	0.27	0.71	8.2	1.2
MU-2	6/20/1996	11:50	Bottom	2.9	2.7	29.93	6.86	3.60	0.16	339																
MU-3	6/20/1996	11:40	Surface	1.7	0.2	29.76	7.06	6.03	0.54	1,087																
MU-3	6/20/1996	11:40	Mid	1.7	0.8	29.81	7.03	5.66	0.57	1,163	1.5	70	1.4	1.6	<0.01	0.02	<0.01	0.02	0.05	<0.01	1.01	1.06	0.25	0.55	9.4	1.2
MU-3	6/20/1996	11:40	Bottom	1.7	1.5	29.80	7.00	5.12	0.62	1,244																
MU-4	6/20/1996	11:25	Surface	1.4	0.2	29.76	7.01	6.10	0.99	1,969																
MU-4	6/20/1996	11:25	Mid	1.4	0.7	29.78	6.99	5.61	1.01	2,008	1.3	70	1.8	2.2	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.96	0.97	0.25	0.30	4.7	1.2
MU-4	6/20/1996	11:25	Bottom	1.4	1.2	29.77	6.97	5.31	1.02	2,026																
MU-5	6/20/1996	11:15	Surface	1.8	0.2	29.76	6.89	6.12	2.55	4,795																

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH pH Units	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	turbidity (NTU)	Dissolved TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic (mg/L)	Total O2+N (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)	
MU-5	6/20/1996	11:15	Mid	1.8	0.9	29.78	6.87	6.10	2.72	5,094	1.0	70	1.4	0.4	<0.01	<0.01	<0.01	<0.01	0.02	0.05	1.02	1.04	0.21	0.28	4.3	1.3	
MU-5	6/20/1996	11:15	Bottom	1.8	1.6	29.79	6.84	6.02	2.74	5,139																	
Equip Blank	6/18/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.1	<5	0.1	0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	<0.01	0.01	<1.0	NA	
Equip Blank	6/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA	
Equip Blank	6/17/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA	
Equip Blank	6/20/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA	
10-1	7/15/1996	11:35	Surface	2.4	0.2	31.20	8.11	6.43	32.96	50,552																	
10-1	7/15/1996	11:35	Mid	2.4	1.0	31.18	8.10	6.43	32.95	50,537	0.6	5	0.9	<0.2	<0.01	<0.01	<0.01	<0.01	0.01	0.04	0.45	0.46	0.03	0.03	<1.0	2.4*	
10-1	7/15/1996	11:35	Bottom	2.4	2.2	31.18	8.08	6.46	32.91	50,488																	
10-2	7/15/1996	10:55	Surface	1.6	0.2	30.97	8.07	6.02	32.84	50,371																	
10-2	7/15/1996	10:55	Mid	1.6	0.8	30.95	8.05	5.99	32.84	50,378	1.0	5	1.0	<0.2	<0.01	<0.01	<0.01	<0.01	0.02	0.01	0.46	0.48	0.01	0.03	<1.0	1.6*	
10-2	7/15/1996	10:55	Bottom	1.6	1.4	30.94	8.00	5.99	32.84	50,373																	
10-3	7/15/1996	11:15	Surface	1.4	0.2	31.09	8.11	6.50	32.93	50,506																	
10-3	7/15/1996	11:15	Mid	1.4	0.7	31.08	8.09	6.53	32.98	50,571	0.9	5	0.7	<0.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.28	0.28	0.01	0.01	<1.0	1.4*	
10-3	7/15/1996	11:15	Bottom	1.4	1.2	31.08	8.08	6.57	32.50	49,945																	
10-4	7/15/1996	10:35	Surface	5.3	0.2	31.40	8.06	5.89	32.56	50,020																	
10-4	7/15/1996	10:35	Mid	5.3	1.0	31.41	8.05	5.85	32.57	50,028	1.0	5	1.8	1.0	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.44	0.44	0.01	0.02	1.90	2.5	
10-4	7/15/1996	10:35	Bottom	5.3	5.1	31.39	7.99	5.78	32.58	50,052																	
10-5	7/15/1996	9:50	Surface	2.9	0.2	31.16	8.07	5.48	30.80	47,590																	
10-5	7/15/1996	9:50	Mid	2.9	1.0	31.18	8.00	4.87	31.96	49,166	1.4	5	2.3	1.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.54	0.54	0.01	0.05	2.80	2.5	
10-5	7/15/1996	9:50	Bottom	2.9	2.7	31.47	7.95	4.63	32.42	49,829																	
10-5 Rep	7/15/1996	10:00	Surface	2.9	0.2	31.16	8.07	5.57	30.78	47,570																	
10-5 Rep	7/15/1996	10:00	Mid	2.9	1.0	31.24	8.00	4.72	31.83	49,083	1.3	5	2.0	1.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.53	0.53	0.01	0.04	3.20	2.5	
10-5 Rep	7/15/1996	10:00	Bottom	2.9	2.7	31.48	7.98	4.63	32.42	49,835																	
11-1	7/15/1996	11:55	Surface	4.2	0.2	31.22	8.11	6.30	32.33	49,689																	
11-1	7/15/1996	11:55	Mid	4.2	1.0	31.22	8.09	6.29	32.33	49,690	1.8	5	2.8	2.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.44	0.44	<0.01	0.06	1.60	2.5	
11-1	7/15/1996	11:55	Bottom	4.2	4.0	31.19	8.06	6.28	32.00	49,236																	
11-2	7/15/1996	12:05	Surface	3.8	0.2	31.46	8.10	5.75	32.39	49,791																	
11-2	7/15/1996	12:05	Mid	3.8	1.0	31.34	8.09	5.70	32.41	49,801	1.8	5	1.6	3.6	<0.01	0.03	<0.01	0.03	0.03	0.01	0.49	0.52	<0.01	0.04	2.10	2.3	
11-2	7/15/1996	12:05	Bottom	3.8	3.6	31.18	8.05	5.70	32.43	49,832																	
11-3	7/15/1996	12:20	Surface	3.5	0.2	31.43	8.13	6.00	32.01	49,265																	
11-3	7/15/1996	12:20	Mid	3.5	1.0	31.44	8.12	5.99	32.00	49,245	1.6	5	2.8	2.6	<0.01	0.02	<0.01	0.02	0.02	0.02	0.50	0.52	<0.01	0.04	2.70	2.3	
11-3	7/15/1996	12:20	Bottom	3.5	3.3	31.45	8.09	5.97	31.26	48,241																	
11-4	7/15/1996	10:20	Surface	2.5	0.2	31.37	8.06	6.08	32.46	49,880																	
11-4	7/15/1996	10:20	Mid	2.5	1.0	31.36	8.05	6.10	32.47	49,895	1.4	5	2.2	2.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.42	0.42	<0.01	0.03	2.10	2.5*	
11-4	7/15/1996	10:20	Bottom	2.5	2.3	31.35	8.02	6.16	32.44	49,847																	
11-5	7/15/1996	10:10	Surface	2.5	0.2	31.40	8.06	5.82	30.71	47,478																	
11-5	7/15/1996	10:10	Mid	2.5	1.0	31.29	8.04	5.66	31.06	47,928	1.9	5	2.2	2.4	<0.01	<0.01	<0.01	<0.01	0.03	0.03	0.58	0.61	0.01	0.06	2.10	2.1	
11-5	7/15/1996	10:10	Bottom	2.5	2.3	31.54	7.95	4.57	32.12	49,416																	
13-1	7/16/1996	12:45	Surface	1.7	0.2	31.69	7.76	5.44	31.79	48,979																	
13-1	7/16/1996	12:45	Mid	1.7	0.8	31.62	7.75	5.45	31.81	49,015	1.8	5	3.0	3.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.56	0.56	0.02	0.10	2.70	1.7*	
13-1	7/16/1996	12:45	Bottom	1.7	1.5	31.59	7.75	5.44	31.81	49,015																	
13-2	7/16/1996	12:30	Surface	2.5	0.2	31.71	7.76	5.84	28.73	44,754																	
13-2	7/16/1996	12:30	Mid	2.5	1.0	31.42	7.74	5.74	29.72	46,100	2.6	15	2.6	5.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.38	0.38	0.04	0.04	1.60	2.0	
13-2	7/16/1996	12:30	Bottom	2.5	2.3	31.20	7.72	5.59	30.53	47,235																	
13-3	7/16/1996	12:15	Surface	2.8	0.2	31.63	7.77	6.00	28.69	44,690																	
13-3	7/16/1996	12:15	Mid	2.8	1.0	31.56	7.73	5.98	28.89	44,971	2.8	15	3.0	6.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.50	0.50	0.04	0.08	2.70	1.8	
13-3	7/16/1996	12:15	Bottom	2.8	2.6	31.47	7.68	5.66	29.14	45,316																	
13-4	7/16/1996	11:45	Surface	1.4	0.2	31.33	7.76	5.30	27.78	43,373																	
13-4	7/16/1996	11:45	Mid	1.4	0.7	31.31	7.74	5.29	27.81	43,445	2.3	15	5.0	5.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.50	0.50	0.05	0.09	5.10	1.4*	
13-4	7/16/1996	11:45	Bottom	1.4	1.2	31.31	7.73	5.32	27.31	42,742																	
13-5	7/16/1996	11:10	Surface	1.4	0.2	31.03	7.71	4.43	26.44	41,509																	

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH pH Units	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	turbidity (NTU)	Dissolved TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved horganic (mg/L)	Total O2+NO2 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
13-5	7/16/1996	11:10	Bottom	1.4	1.2	30.99	7.70	4.50	26.41	41,471																
14-1	7/16/1996	10:55	Surface	0.8	0.2	31.23	7.84	5.64	26.52	41,631																
14-1	7/16/1996	10:55	Mid	0.8	0.4	31.24	7.84	5.73	26.52	41,630	2.2	15	4.8	10.8	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.58	0.58	0.06	0.13	4.30	0.8*
14-1	7/16/1996	10:55	Bottom	0.8	0.6	31.25	7.83	5.90	26.52	41,632																
14-2	7/16/1996	10:40	Surface	2.0	0.2	31.00	7.94	5.91	26.58	41,711																
14-2	7/16/1996	10:40	Mid	2.0	1.0	31.00	7.94	5.86	26.60	41,726	3.2	15	6.0	2.8	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.60	0.60	0.06	0.11	4.30	1.7
14-2	7/16/1996	10:40	Bottom	2.0	1.8	30.94	7.89	5.43	26.72	41,905																
14-3	7/16/1996	10:25	Surface	2.0	0.2	30.82	8.06	6.08	26.57	41,692																
14-3	7/16/1996	10:25	Mid	2.0	1.0	30.80	8.04	5.98	26.58	41,706	2.8	15	3.8	6.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.62	0.62	0.04	0.08	5.90	1.7
14-3	7/16/1996	10:25	Bottom	2.0	1.8	31.62	7.98	5.08	27.99	43,694																
14-4	7/16/1996	10:10	Surface	2.5	0.2	30.69	8.00	5.72	28.36	44,183																
14-4	7/16/1996	10:10	Mid	2.5	1.0	30.62	7.99	5.58	28.47	44,337	2.1	10	4.2	4.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.62	0.62	0.03	0.07	1.60	1.8
14-4	7/16/1996	10:10	Bottom	2.5	2.3	31.08	7.89	5.41	29.20	45,380																
14-5	7/16/1996	9:55	Surface	1.5	0.2	30.68	7.91	4.60	29.29	45,488																
14-5	7/16/1996	9:55	Mid	1.5	0.7	30.59	7.88	4.54	29.36	45,576	1.7	15	2.4	9.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	0.56	0.56	0.02	0.06	2.00	1.5*
14-5	7/16/1996	9:55	Bottom	1.5	1.3	30.59	7.89	4.55	29.36	45,568																
14-5 Rep	7/16/1996	10:00	Surface	1.5	0.2	30.71	7.91	4.62	29.31	45,503																
14-5 Rep	7/16/1996	10:00	Mid	1.5	0.7	30.59	7.89	4.54	29.36	45,573	1.6	15	2.3	9.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.59	0.59	0.02	0.06	2.10	1.5*
14-5 Rep	7/16/1996	10:00	Bottom	1.5	1.3	30.59	7.89	4.55	29.36	45,572																
16-1	7/17/1996	13:15	Surface	2.5	0.2	31.42	7.82	6.49	31.72	48,854																
16-1	7/17/1996	13:15	Mid	2.5	1.0	31.25	7.77	6.05	31.96	49,139	1.4	5	3.1	9.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.43	0.43	0.03	0.04	1.10	2.5*
16-1	7/17/1996	13:15	Bottom	2.5	2.3	31.05	7.72	5.64	32.16	49,448																
16-2	7/17/1996	12:55	Surface	2.3	0.2	31.18	7.75	5.93	32.01	49,249																
16-2	7/17/1996	12:55	Mid	2.3	1.0	31.17	7.74	5.89	32.01	49,250	1.2	5	2.0	14.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.40	0.40	0.02	0.04	2.10	2.3*
16-2	7/17/1996	12:55	Bottom	2.3	2.1	31.09	7.71	5.90	31.83	49,004																
16-3	7/17/1996	12:40	Surface	1.9	0.2	31.14	7.72	5.56	32.26	49,593																
16-3	7/17/1996	12:40	Mid	1.9	0.9	31.06	7.74	6.14	32.83	50,352	1.2	5	2.4	3.0	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.32	0.32	0.02	0.02	1.10	1.9*
16-3	7/17/1996	12:40	Bottom	1.9	1.7	31.07	7.75	6.15	32.79	50,316																
16-4	7/17/1996	12:30	Surface	2.9	0.2	31.50	7.87	6.88	32.78	50,330																
16-4	7/17/1996	12:30	Mid	2.9	1.0	31.27	7.80	6.86	33.10	50,726	1.2	5	2.3	2.8	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.38	0.38	0.01	0.01	2.10	2.0
16-4	7/17/1996	12:30	Bottom	2.9	2.7	31.15	7.76	6.46	33.09	50,732																
16-5	7/17/1996	12:15	Surface	2.2	0.2	31.21	7.79	6.73	33.12	50,763																
16-5	7/17/1996	12:15	Mid	2.2	1.0	31.21	7.78	6.75	33.14	50,800	1.0	5	3.1	2.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.36	0.36	0.01	0.01	1.10	2.2*
16-5	7/17/1996	12:15	Bottom	2.2	2.0	31.20	7.78	6.69	33.12	50,771																
LB-1	7/17/1996	10:55	Surface	3.2	0.2	31.49	7.90	5.95	26.93	42,221																
LB-1	7/17/1996	10:55	Mid	3.2	1.0	31.50	7.90	5.92	26.97	42,279	2.8	30	5.6	9.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.73	0.73	0.07	0.18	6.40	1.3
LB-1	7/17/1996	10:55	Bottom	3.2	3.0	31.54	7.89	5.76	27.17	42,590																
LB-2	7/17/1996	10:40	Surface	2.9	0.2	31.16	8.02	6.12	28.00	43,702																
LB-2	7/17/1996	10:40	Mid	2.9	1.0	31.10	8.00	5.94	28.02	43,723	3.7	25	5.0	9.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.79	0.79	0.08	0.19	6.40	1.2
LB-2	7/17/1996	10:40	Bottom	2.9	2.7	31.02	7.96	5.52	28.02	43,738																
LB-3	7/17/1996	10:25	Surface	1.2	0.2	30.57	8.00	5.92	28.24	44,008																
LB-3	7/17/1996	10:25	Mid	1.2	0.6	30.54	7.99	5.87	28.24	44,008	3.9	25	4.2	20.0	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.67	0.67	0.08	0.17	5.90	1.2*
LB-3	7/17/1996	10:25	Bottom	1.2	1.0	30.52	7.97	5.87	28.23	44,007																
LB-4	7/17/1996	10:15	Surface	1.2	0.2	30.17	7.90	4.39	29.86	46,251																
LB-4	7/17/1996	10:15	Mid	1.2	0.6	30.05	7.89	4.70	29.93	46,336	3.2	25	4.2	22.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.78	0.78	0.07	0.14	5.30	1.2*
LB-4	7/17/1996	10:15	Bottom	1.2	1.0	30.00	7.90	5.14	29.96	46,384																
LB-5	7/17/1996	9:50	Surface	1.8	0.2	30.37	7.95	4.86	30.77	47,514																
LB-5	7/17/1996	9:50	Mid	1.8	0.9	30.37	7.95	4.85	30.77	47,512	2.5	15	4.8	26.0	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.86	0.86	0.04	0.08	5.30	1.5
LB-5	7/17/1996	9:50	Bottom	1.8	1.6	30.38	7.95	4.84	30.77	47,510																
LB-5 Rep	7/17/1996	10:00	Surface	1.8	0.2	30.38	7.95	4.86	30.77	47,514																
LB-5 Rep	7/17/1996	10:00	Mid	1.8	0.9	30.37	7.95	4.86	30.77	47,510	2.6	15	4.2	26.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.87	0.87	0.03	0.08	4.80	1.5
LB-5 Rep	7/17/1996	10:00	Bottom	1.8	1.6	30.38	7.95	4.83	30.77	47,507																
ML-1	7/18/1996	10:40	Surface	2.4	0.2	29.99	6.85	4.68	0.24	496																
ML-1	7/18/1996	10:40	Mid	2.4	1.0	29.95	6.84	4.65	0.24	496	1.2	175	2.3	1.0	0.01	0.09	<0.01	0.10	0.10	0.04	0.25	0.35	0.54	0.56	2.10	1.2

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date	Time	Depth	Water Sample		Water		Dissolved		Specific	Dissolved			TSS	NO2	NO3	NH3	Inorganic	Total	Total	TKN	Total	OP	TP	Chloro- phyll	Secchi Depth
				Depth	Depth	Temp	pH	Oxygen	Salinity		Conduct	BOD	Color													
	(mm/dd/yy)	(24-hours)		(m)	(m)	(°C)	pH Units	(mg/L)	(ppt)	(µS/cm)	(mg/L)	(APU)	(NTU)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µg/L)	(m)	
ML-1	7/18/1996	10:40	Bottom	2.4	2.2	29.92	6.81	4.51	0.24	505																
ML-2	7/18/1996	10:30	Surface	1.7	0.2	29.69	6.86	5.09	0.56	1,150																
ML-2	7/18/1996	10:30	Mid	1.7	0.8	29.69	6.77	4.65	0.86	1,811	1.2	175	1.9	0.4	0.01	0.09	<0.01	0.10	0.10	0.03	0.20	0.30	0.54	0.64	3.20	1.2
ML-2	7/18/1996	10:30	Bottom	1.7	1.5	29.66	6.74	4.61	1.06	2,106																
ML-3	7/18/1996	10:20	Surface	0.8	0.2	29.86	6.90	5.30	0.87	1,742																
ML-3	7/18/1996	10:20	Mid	0.8	0.4	29.85	6.89	5.33	0.89	1,787	0.9	175	2.1	<0.2	0.01	0.10	<0.01	0.11	0.12	0.06	0.21	0.33	0.52	0.55	2.70	0.8*
ML-3	7/18/1996	10:20	Bottom	0.8	0.6	29.81	6.87	5.36	0.91	1,807																
ML-4	7/18/1996	10:10	Surface	2.8	0.2	29.89	6.90	5.03	0.74	1,492																
ML-4	7/18/1996	10:10	Mid	2.8	1.0	29.83	6.89	5.02	0.74	1,487	1.2	200	1.8	<0.2	0.01	0.09	0.02	0.12	0.12	0.05	0.24	0.36	0.50	0.62	2.70	0.8
ML-4	7/18/1996	10:10	Bottom	2.8	2.6	29.28	6.88	5.02	0.77	1,538																
ML-5	7/18/1996	9:50	Surface	1.3	0.2	29.05	6.94	5.20	1.69	3,250																
ML-5	7/18/1996	9:50	Mid	1.3	0.6	29.03	6.93	5.19	1.70	3,273	1.0	200	2.9	0.8	0.01	0.10	0.01	0.12	0.11	0.05	0.21	0.32	0.44	0.50	2.70	1.0
ML-5	7/18/1996	9:50	Bottom	1.3	1.1	29.02	6.92	5.17	1.71	3,294																
ML-5 Rep	7/18/1996	10:00	Surface	1.3	0.2	29.05	6.94	5.22	1.68	3,231																
ML-5 Rep	7/18/1996	10:00	Mid	1.3	0.6	29.04	6.93	5.20	1.69	3,252	1.0	200	2.8	0.6	0.01	0.11	0.03	0.15	0.13	0.05	0.22	0.35	0.43	0.53	1.60	1.0
ML-5 Rep	7/18/1996	10:00	Bottom	1.3	1.1	29.03	6.93	5.18	1.70	3,271																
MU-1	7/18/1996	12:05	Surface	1.8	0.2	30.71	6.71	4.67	0.14	302																
MU-1	7/18/1996	12:05	Mid	1.8	0.9	30.61	6.69	4.65	0.14	301	1.5	200	2.6	<0.2	0.02	0.09	<0.01	0.11	0.11	0.03	0.87	0.98	0.56	0.56	1.60	0.7
MU-1	7/18/1996	12:05	Bottom	1.8	1.6	30.60	6.68	4.63	0.14	302																
MU-2	7/18/1996	11:35	Surface	2.6	0.2	30.72	6.75	4.31	0.15	317																
MU-2	7/18/1996	11:35	Mid	2.6	1.0	30.63	6.73	4.27	0.15	322	1.3	200	1.4	2.0	0.02	0.11	<0.01	0.13	0.16	0.08	0.22	0.38	0.58	0.66	3.70	0.9
MU-2	7/18/1996	11:35	Bottom	2.6	2.4	30.60	6.72	4.24	0.15	323																
MU-3	7/18/1996	11:20	Surface	2.0	0.2	30.78	6.72	4.07	0.15	319																
MU-3	7/18/1996	11:20	Mid	2.0	1.0	30.72	6.71	4.02	0.15	320	1.5	200	1.6	1.0	0.02	0.09	<0.01	0.11	0.15	0.03	0.22	0.37	0.56	0.61	1.60	1.1
MU-3	7/18/1996	11:20	Bottom	2.0	1.8	30.70	6.69	3.96	0.15	316																
MU-4	7/18/1996	11:00	Surface	1.3	0.2	30.43	6.82	4.43	0.16	335																
MU-4	7/18/1996	11:00	Mid	1.3	0.6	30.40	6.81	4.39	0.16	340	1.5	250	3.0	2.8	0.01	0.11	<0.01	0.12	0.12	0.03	0.20	0.32	0.61	0.70	5.30	0.7
MU-4	7/18/1996	11:00	Bottom	1.3	1.1	30.38	6.79	4.36	0.15	334																
MU-5	7/18/1996	10:50	Surface	2.4	0.2	30.10	6.80	4.34	0.17	372																
MU-5	7/18/1996	10:50	Mid	2.4	1.0	30.04	6.78	4.32	0.17	363	1.3	175	2.3	0.4	0.01	0.15	<0.01	0.16	0.16	0.07	0.21	0.37	0.60	0.68	3.70	0.9
MU-5	7/18/1996	10:50	Bottom	2.4	2.2	30.04	6.77	4.36	0.17	361																
Equip Blank	7/15/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	0.1	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	<0.01	0.01	<1.0	NA
Equip Blank	7/16/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA	
Equip Blank	7/17/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.1	<5	0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA	
Equip Blank	7/18/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	<0.01	<0.01	<1.0	NA
10-1	8/22/1996	11:35	Surface	3.5	0.2	28.60	7.71	6.19	32.70	50,085																
10-1	8/22/1996	11:35	Mid	3.5	1.0	28.60	7.71	6.20	32.70	50,086	0.7	5	2.1	8.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.46	0.46	0.04	0.11	2.1	3.1
10-1	8/22/1996	11:35	Bottom	3.5	3.3	28.60	7.70	6.21	32.69	50,068																
10-2	8/22/1996	12:30	Surface	2.9	0.2	28.90	7.73	6.78	32.46	49,764																
10-2	8/22/1996	12:30	Mid	2.9	1.0	28.90	7.72	6.79	32.46	49,761	1.1	5	2.6	16.6	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.51	0.53	0.01	0.07	3.7	1.7
10-2	8/22/1996	12:30	Bottom	2.9	2.7	28.87	7.71	6.84	32.46	49,761																
10-3	8/22/1996	11:55	Surface	2.9	0.2	28.30	7.71	6.38	32.85	50,271																
10-3	8/22/1996	11:55	Mid	2.9	1.0	28.25	7.71	6.36	32.86	50,281	0.7	5	1.4	14.8	<0.01	0.03	0.02	0.05	0.06	0.05	0.40	0.46	0.01	0.06	1.6	2.9*
10-3	8/22/1996	11:55	Bottom	2.9	2.7	28.24	7.70	6.41	31.55	48,508																
10-4	8/22/1996	12:15	Surface	1.3	0.2	28.78	7.73	6.97	32.60	49,950																
10-4	8/22/1996	12:15	Mid	1.3	0.6	28.78	7.73	7.22	32.60	49,947	0.7	5	1.6	11.0	<0.01	0.04	<0.01	0.04	0.04	<0.01	0.37	0.41	0.03	0.07	2.1	1.3*
10-4	8/22/1996	12:15	Bottom	1.3	1.1	28.80	7.72	7.30	32.59	49,940																
10-5	8/22/1996	10:20	Surface	3.0	0.2	28.77	7.62	5.53	32.48	49,793																
10-5	8/22/1996	10:20	Mid	3.0	1.0	28.70	7.61	5.41	32.57	49,930	0.7	5	3.0	18.6	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.36	0.38	0.01	0.07	2.7	2.0
10-5	8/22/1996	10:20	Bottom	3.0	2.8	28.65	7.60	5.43	32.70	50,082																
11-1	8/22/1996	11:20	Surface	3.2	0.2	29.01	7.75	6.23	31.98	49,113																
11-1	8/22/1996	11:20	Mid	3.2	1.0	29.00	7.75	6.13	31.98	49,106	1.6	5	8.2	23.6	<0.01	0.02	<0.01	0.02	0.02	0.05	0.40	0.42	0.01	0.10	7.5	1.6
11-1	8/22/1996	11:20	Bottom	3.2	3.0	28.94	7.73	6.08	31.99	49,124																

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Sample		Temp (°C)	pH	Dissolved		Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	Dissolved				Total O2+N (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secch Depth (m)	
				Depth (m)	Depth (m)			Oxygen (mg/L)	Salinity (ppt)					NO2 (mg/L)	NO3 (mg/L)	NH3 (mg/L)	Organic (mg/L)									
11-2	8/22/1996	11:05	Surface	3.2	0.2	29.12	7.69	6.08	32.10	49,289																
11-2	8/22/1996	11:05	Mid	3.2	1.0	29.10	7.69	6.04	32.11	49,291	1.5	5	9.4	17.6	<0.01	0.03	<0.01	0.03	0.04	0.04	0.47	0.51	0.01	0.10	4.0	1.6
11-2	8/22/1996	11:05	Bottom	3.2	3.0	28.85	7.66	5.61	32.31	49,557																
11-3	8/22/1996	10:50	Surface	3.3	0.2	29.01	7.64	5.67	32.24	49,466																
11-3	8/22/1996	10:50	Mid	3.3	1.0	28.99	7.64	5.67	32.24	49,463	1.0	5	4.6	14.8	<0.01	0.03	<0.01	0.03	0.03	<0.01	0.46	0.49	0.01	0.08	4.8	1.9
11-3	8/22/1996	10:50	Bottom	3.3	3.1	28.90	7.62	5.69	32.25	49,488																
11-4	8/22/1996	10:35	Surface	2.0	0.2	28.86	7.65	5.85	32.45	49,749																
11-4	8/22/1996	10:35	Mid	2.0	1.0	28.86	7.64	5.92	32.45	49,753	0.6	5	3.1	14.8	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.42	0.44	0.01	0.06	3.2	2.0*
11-4	8/22/1996	10:35	Bottom	2.0	1.8	28.87	7.65	5.95	32.45	49,750																
11-5	8/22/1996	10:00	Surface	2.4	0.2	28.84	7.59	4.94	32.63	49,997																
11-5	8/22/1996	10:00	Mid	2.4	1.0	28.80	7.61	5.12	32.64	50,014	0.8	5	2.7	16.8	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.39	0.41	0.01	0.08	2.1	2.4*
11-5	8/22/1996	10:00	Bottom	2.4	2.2	28.77	7.65	5.46	32.82	50,257																
11-5 Rep	8/22/1996	10:10	Surface	2.4	0.2	28.85	7.59	4.92	32.63	49,994																
11-5 Rep	8/22/1996	10:10	Mid	2.4	1.0	28.81	7.60	5.01	32.64	50,009	0.7	5	2.8	16.2	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.40	0.42	0.01	0.08	2.1	2.4*
11-5 Rep	8/22/1996	10:10	Bottom	2.4	2.2	28.78	7.65	5.45	32.82	50,256																
13-1	8/20/1996	12:45	Surface	1.4	0.2	29.96	8.16	4.69	28.32	44,100																
13-1	8/20/1996	12:45	Mid	1.4	0.7	29.91	8.16	4.64	28.83	44,847	0.8	15	3.6	13.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.53	0.53	0.03	0.11	6.9	1.4*
13-1	8/20/1996	12:45	Bottom	1.4	1.2	29.86	8.17	4.58	29.22	45,352																
13-2	8/20/1996	12:30	Surface	1.8	0.2	29.85	8.11	4.80	27.04	42,319																
13-2	8/20/1996	12:30	Mid	1.8	0.9	29.85	8.10	4.79	27.12	42,413	0.7	15	3.9	16.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.48	0.48	0.04	0.09	5.3	1.5
13-2	8/20/1996	12:30	Bottom	1.8	1.6	29.86	8.13	4.86	29.13	45,000																
13-3	8/20/1996	12:15	Surface	3.7	0.2	29.87	8.06	4.49	25.93	40,827																
13-3	8/20/1996	12:15	Mid	3.7	1.0	29.80	8.05	4.48	26.38	41,440	0.6	20	3.5	10.4	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.38	0.39	0.07	0.08	4.8	1.7
13-3	8/20/1996	12:15	Bottom	3.7	3.5	29.74	8.04	4.47	26.76	41,913																
13-4	8/20/1996	11:45	Surface	2.6	0.2	29.97	8.18	5.01	26.73	41,876																
13-4	8/20/1996	11:45	Mid	2.6	1.0	29.97	8.18	4.98	26.85	42,041	0.8	15	5.0	14.0	<0.01	0.03	<0.01	0.03	0.03	<0.01	0.15	0.18	0.06	0.07	4.3	1.4
13-4	8/20/1996	11:45	Bottom	2.6	2.4	29.87	8.14	4.22	26.85	42,042																
13-5	8/20/1996	11:30	Surface	2.2	0.2	29.65	8.20	4.88	26.39	41,382																
13-5	8/20/1996	11:30	Mid	2.2	1.0	29.66	8.19	4.87	26.39	41,380	0.8	15	5.4	14.8	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.48	0.50	0.04	0.11	5.3	1.5
13-5	8/20/1996	11:30	Bottom	2.2	2.0	29.67	8.18	4.86	26.39	41,386																
14-1	8/20/1996	11:20	Surface	4.2	0.2	29.76	8.23	4.89	26.33	41,301																
14-1	8/20/1996	11:20	Mid	4.2	1.0	29.71	8.20	4.78	26.34	41,317	0.8	10	5.9	13.4	<0.01	0.02	<0.01	0.02	0.05	0.04	0.20	0.25	0.04	0.09	2.7	1.4
14-1	8/20/1996	11:20	Bottom	4.2	4.0	29.68	8.15	4.55	26.46	41,482																
14-2	8/20/1996	11:05	Surface	1.6	0.2	29.59	8.35	5.66	26.36	41,343																
14-2	8/20/1996	11:05	Mid	1.6	0.8	29.59	8.35	5.62	26.36	41,343	1.3	10	6.9	12.4	<0.01	0.01	<0.01	0.01	0.03	<0.01	0.63	0.66	0.04	0.11	4.3	1.2
14-2	8/20/1996	11:05	Bottom	1.6	1.4	29.58	8.34	5.60	26.36	41,339																
14-3	8/20/1996	10:45	Surface	1.0	0.2	29.57	8.44	5.42	26.30	41,262																
14-3	8/20/1996	10:45	Mid	1.0	0.5	29.61	8.43	5.49	26.61	41,687	2.0	15	4.7	12.0	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	0.74	0.74	0.03	0.12	4.8	1.0*
14-3	8/20/1996	10:45	Bottom	1.0	0.8	29.91	8.45	6.06	26.96	42,186																
14-4	8/20/1996	10:30	Surface	1.6	0.2	29.35	8.48	5.57	27.64	43,117																
14-4	8/20/1996	10:30	Mid	1.6	0.8	29.35	8.48	5.54	27.67	43,160	1.5	15	4.1	7.8	<0.01	0.02	<0.01	0.02	0.02	0.03	0.49	0.51	0.01	0.07	6.4	1.6*
14-4	8/20/1996	10:30	Bottom	1.6	1.4	29.79	8.43	4.89	28.38	44,163																
14-5	8/20/1996	10:00	Surface	1.7	0.2	29.44	8.45	5.51	28.45	44,265																
14-5	8/20/1996	10:00	Mid	1.7	0.8	29.47	8.44	5.31	28.45	44,265	1.5	10	3.8	9.3	<0.01	0.03	<0.01	0.03	0.03	<0.01	0.44	0.47	0.01	0.07	4.3	1.7*
14-5	8/20/1996	10:00	Bottom	1.7	1.5	29.55	8.41	5.21	28.48	44,317																
14-5 Rep	8/20/1996	10:10	Surface	1.7	0.2	29.43	8.45	5.59	28.46	44,273																
14-5 Rep	8/20/1996	10:10	Mid	1.7	0.8	29.44	8.45	5.54	28.46	44,273	1.4	10	3.6	8.9	<0.01	0.04	<0.01	0.04	0.04	<0.01	0.39	0.43	0.01	0.08	3.9	1.7*
14-5 Rep	8/20/1996	10:10	Bottom	1.7	1.5	29.46	8.44	5.45	28.46	44,269																
16-1	8/21/1996	12:20	Surface	1.7	0.2	28.97	7.70	5.43	29.27	45,382																
16-1	8/21/1996	12:20	Mid	1.7	0.8	28.98	7.66	5.46	29.36	45,501	1.1	10	2.1	17.8	<0.01	0.03	<0.01	0.03	0.03	<0.01	0.50	0.53	0.03	0.07	4.8	1.7*
16-1	8/21/1996	12:20	Bottom	1.7	1.5	28.95	7.64	5.43	29.52	45,720																
16-2	8/21/1996	12:10	Surface	1.3	0.2	28.85	7.62	5.16	29.39	45,549																
16-2	8/21/1996	12:10	Mid	1.3	0.6	28.84	7.61	5.18	29.40	45,565	1.0	10	2.5	19.6	<0.01	0.03	<0.01	0.03	0.03	<0.01	0.54	0.57	0.03	0.07	4.3	1.3*
16-2	8/21/1996	12:10	Bottom	1.3	1.1	28.85	7.59	5.25	29.41	45,573																

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH pH Units	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	turbidity (NTU)	Dissolved TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved organic (mg/L)	Total O2+N (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
16-3	8/21/1996	11:55	Surface	1.8	0.2	28.76	7.58	4.72	29.70	45,965																
16-3	8/21/1996	11:55	Mid	1.8	0.9	28.85	7.55	5.03	30.39	46,932	0.6	10	3.1	9.2	<0.01	0.04	0.03	0.07	0.04	0.03	0.41	0.45	0.03	0.07	3.7	1.8*
16-3	8/21/1996	11:55	Bottom	1.8	1.6	28.90	7.56	5.36	30.44	47,003																
16-4	8/21/1996	11:45	Surface	1.5	0.2	28.99	7.52	5.56	31.10	47,907																
16-4	8/21/1996	11:45	Mid	1.5	0.7	29.00	7.51	5.61	31.47	48,417	0.5	5	2.7	11.6	<0.01	0.03	0.02	0.05	0.03	0.02	0.34	0.37	0.01	0.05	2.1	1.5*
16-4	8/21/1996	11:45	Bottom	1.5	1.3	28.99	7.51	5.62	31.47	48,417																
16-5	8/21/1996	11:30	Surface	2.7	0.2	28.87	7.52	5.04	31.16	48,004																
16-5	8/21/1996	11:30	Mid	2.7	1.0	28.87	7.49	5.01	31.21	48,055	0.5	10	2.9	13.8	<0.01	0.03	0.03	0.06	0.03	0.03	0.36	0.39	0.02	0.05	2.7	2.3
16-5	8/21/1996	11:30	Bottom	2.7	2.5	28.87	7.47	5.01	31.21	48,061																
LB-1	8/21/1996	10:45	Surface	1.3	0.2	29.36	7.24	4.49	25.41	40,001																
LB-1	8/21/1996	10:45	Mid	1.3	0.6	29.35	7.23	4.49	25.45	40,045	0.7	25	5.3	18.2	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.60	0.62	0.08	0.25	3.7	1.0
LB-1	8/21/1996	10:45	Bottom	1.3	1.1	29.36	7.21	4.48	25.47	40,070																
LB-2	8/21/1996	10:30	Surface	1.8	0.2	29.01	7.52	4.47	25.94	40,731																
LB-2	8/21/1996	10:30	Mid	1.8	0.9	29.04	7.52	4.35	26.02	40,840	2.9	25	4.8	25.2	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.62	0.64	0.09	0.24	3.2	1.4
LB-2	8/21/1996	10:30	Bottom	1.8	1.6	29.08	7.53	3.74	26.38	41,335																
LB-3	8/21/1996	10:15	Surface	1.1	0.2	27.94	7.57	3.49	28.33	44,035																
LB-3	8/21/1996	10:15	Mid	1.1	0.5	27.93	7.55	3.32	28.33	44,039	1.6	25	2.7	14.4	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.75	0.77	0.10	0.20	6.9	1.1*
LB-3	8/21/1996	10:15	Bottom	1.1	0.9	27.84	7.49	3.45	28.27	43,951																
LB-4	8/21/1996	10:00	Surface	1.3	0.2	28.16	7.79	4.02	29.78	46,056																
LB-4	8/21/1996	10:00	Mid	1.3	0.6	28.14	7.78	3.93	29.78	46,051	1.6	15	2.7	30.0	<0.01	0.02	<0.01	0.02	0.02	0.02	0.90	0.92	0.08	0.21	4.3	1.3*
LB-4	8/21/1996	10:00	Bottom	1.3	1.1	28.12	7.77	3.86	29.77	46,041																
LB-5	8/21/1996	9:30	Surface	1.6	0.2	27.96	7.72	3.31	31.08	47,844																
LB-5	8/21/1996	9:30	Mid	1.6	0.8	27.96	7.71	3.31	31.09	47,849	1.2	15	2.4	14.6	<0.01	0.03	0.04	0.07	0.03	0.04	0.88	0.91	0.06	0.14	3.7	1.6*
LB-5	8/21/1996	9:30	Bottom	1.6	1.4	27.95	7.70	3.29	31.09	47,851																
LB-5 Rep	8/21/1996	9:40	Surface	1.6	0.2	27.96	7.72	3.31	31.09	47,846																
LB-5 Rep	8/21/1996	9:40	Mid	1.6	0.8	27.96	7.72	3.31	31.09	47,845	0.9	15	2.4	14.4	<0.01	0.04	0.03	0.07	0.04	0.03	0.86	0.90	0.05	0.13	3.7	1.6*
LB-5 Rep	8/21/1996	9:40	Bottom	1.6	1.4	27.95	7.71	3.31	31.09	47,848																
ML-1	8/19/1996	10:55	Surface	2.4	0.2	30.10	6.82	4.80	0.61	1,233																
ML-1	8/19/1996	10:55	Mid	2.4	1.0	30.00	6.82	4.71	0.62	1,251	0.3	175	1.4	0.4	<0.01	0.06	<0.01	0.06	0.09	0.03	1.08	1.17	0.29	0.33	8.0	0.8
ML-1	8/19/1996	10:55	Bottom	2.4	2.2	30.00	6.74	4.24	1.47	2,866																
ML-2	8/19/1996	10:40	Surface	1.3	0.2	30.12	6.88	5.08	0.86	1,726																
ML-2	8/19/1996	10:40	Mid	1.3	0.6	30.05	6.87	5.02	0.86	1,716	0.1	175	1.6	0.6	<0.01	0.06	<0.01	0.06	0.09	0.02	1.18	1.27	0.29	0.33	3.2	0.9
ML-2	8/19/1996	10:40	Bottom	1.3	1.1	30.05	6.86	4.97	0.87	1,737																
ML-3	8/19/1996	10:25	Surface	1.2	0.2	30.02	6.92	5.03	0.93	1,859																
ML-3	8/19/1996	10:25	Mid	1.2	0.6	29.99	6.91	5.02	0.93	1,855	0.1	150	2.4	1.6	<0.01	0.10	0.02	0.12	0.11	0.06	1.11	1.22	0.28	0.32	2.1	1.0
ML-3	8/19/1996	10:25	Bottom	1.2	1.0	29.96	6.90	5.05	0.94	1,864																
ML-4	8/19/1996	10:05	Surface	5.5	0.2	29.96	6.95	5.12	0.94	1,877																
ML-4	8/19/1996	10:05	Mid	5.5	1.0	29.94	6.93	5.09	0.98	1,953	0.1	150	1.8	1.2	<0.01	0.08	0.02	0.10	0.10	0.08	1.06	1.16	0.28	0.32	2.7	1.0
ML-4	8/19/1996	10:05	Bottom	5.5	5.3	29.89	6.91	5.09	1.03	2,136																
ML-5	8/19/1996	9:40	Surface	1.6	0.2	29.33	6.89	5.44	2.56	4,826																
ML-5	8/19/1996	9:40	Mid	1.6	0.8	29.32	6.90	5.43	2.55	4,805	0.4	150	3.0	4.0	<0.01	0.06	0.03	0.09	0.09	0.05	1.07	1.16	0.30	0.34	5.9	0.8
ML-5	8/19/1996	9:40	Bottom	1.6	1.4	29.32	6.91	5.46	2.54	4,775																
ML-5 Rep	8/19/1996	9:50	Surface	1.6	0.2	29.32	6.92	5.46	2.53	4,760																
ML-5 Rep	8/19/1996	9:50	Mid	1.6	0.8	29.32	6.91	5.44	2.55	4,802	0.4	150	3.4	4.4	<0.01	0.07	0.02	0.09	0.09	0.03	1.10	1.19	0.31	0.35	6.4	0.8
ML-5 Rep	8/19/1996	9:50	Bottom	1.6	1.4	29.32	6.90	5.44	2.56	4,825																
MU-1	8/19/1996	12:30	Surface	2.2	0.2	30.55	6.69	5.03	0.11	233																
MU-1	8/19/1996	12:30	Mid	2.2	1.0	30.43	6.68	5.01	0.11	231	0.2	150	1.7	1.8	<0.01	0.05	0.10	0.15	0.11	0.14	0.77	0.88	0.26	0.32	3.2	0.7
MU-1	8/19/1996	12:30	Bottom	2.2	2.0	30.41	6.68	5.02	0.11	229																
MU-2	8/19/1996	12:10	Surface	2.7	0.2	30.26	6.75	4.57	0.11	232																
MU-2	8/19/1996	12:10	Mid	2.7	1.0	30.04	6.74	4.56	0.11	231	0.2	150	1.8	1.6	<0.01	0.04	<0.01	0.04	0.09	<0.01	0.79	0.88	0.29	0.30	2.6	0.7
MU-2	8/19/1996	12:10	Bottom	2.7	2.5	29.94	6.73	4.53	0.11	234																
MU-3	8/19/1996	11:50	Surface	1.4	0.2	30.32	6.79	4.60	0.11	235																
MU-3	8/19/1996	11:50	Mid	1.4	0.7	30.25	6.78	4.57	0.11	238	0.1	140	1.5	1.8	<0.01	0.06	0.12	0.18	0.09	0.13	0.85	0.94	0.29	0.31	2.1	0.7
MU-3	8/19/1996	11:50	Bottom	1.4	1.2	30.23	6.78	4.57	0.11	237																

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH pH Units	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	Dissolved TSS (mg/L)	NO2 (mg/L)	NO3 (mg/L)	NH3 (mg/L)	Dissolved Organic (mg/L)	Total O2+N (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chlorophyll (µg/L)	Secchi Depth (m)
MU-4	8/19/1996	11:30	Surface	1.8	0.2	30.04	6.84	4.70	0.11	233																
MU-4	8/19/1996	11:30	Mid	1.8	0.9	30.02	6.83	4.68	0.11	233	0.3	140	1.6	2.4	<0.01	0.04	0.11	0.15	0.11	0.13	0.84	0.95	0.31	0.35	3.2	0.7
MU-4	8/19/1996	11:30	Bottom	1.8	1.6	30.01	6.83	4.70	0.11	236																
MU-5	8/19/1996	11:15	Surface	2.7	0.2	30.15	6.86	4.93	0.12	257																
MU-5	8/19/1996	11:15	Mid	2.7	1.0	30.03	6.83	4.77	0.12	265	0.2	140	1.9	1.6	<0.01	0.04	<0.01	0.04	0.07	0.02	0.87	0.94	0.31	0.36	3.2	0.8
MU-5	8/19/1996	11:15	Bottom	2.7	2.5	29.52	6.67	4.14	0.16	343																
Equip Blank	8/22/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	<1.0	NA
Equip Blank	8/20/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	8/21/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	8/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
10-1	9/23/1996	10:25	Surface	3.5	0.2	28.23	8.09	4.95	32.14	49,303																
10-1	9/23/1996	10:25	Mid	3.5	1.0	28.23	8.08	5.00	32.15	49,316	0.5	5	1.9	9.8	<0.01	0.01	0.02	0.03	0.03	0.03	0.48	0.51	0.02	0.16	1.10	3.1
10-1	9/23/1996	10:25	Bottom	3.5	3.3	28.30	8.04	5.16	32.36	49,607																
10-2	9/23/1996	11:00	Surface	2.2	0.2	28.36	8.15	5.24	31.89	48,963																
10-2	9/23/1996	11:00	Mid	2.2	1.0	28.30	8.14	5.15	31.92	49,003	0.4	5	3.2	2.4	<0.01	0.01	0.02	0.03	0.03	0.02	0.47	0.50	0.01	0.19	1.60	2.2*
10-2	9/23/1996	11:00	Bottom	2.2	2.0	28.04	8.11	5.12	32.14	49,291																
10-3	9/23/1996	10:40	Surface	2.7	0.2	28.73	8.10	5.67	32.54	49,861																
10-3	9/23/1996	10:40	Mid	2.7	1.0	28.72	8.09	5.69	32.54	49,864	0.2	5	1.2	2.0	<0.01	0.01	0.03	0.04	0.03	0.04	0.49	0.52	0.01	0.12	<1.0	2.7*
10-3	9/23/1996	10:40	Bottom	2.7	2.5	28.74	8.09	5.72	32.50	49,816																
10-4	9/23/1996	11:15	Surface	5.2	0.2	28.46	8.09	4.62	32.01	49,130																
10-4	9/23/1996	11:15	Mid	5.2	1.0	28.46	8.08	4.70	32.07	49,216	0.3	5	2.6	2.8	<0.01	<0.01	0.01	0.01	0.03	0.05	0.46	0.49	<0.01	0.16	1.00	3.3
10-4	9/23/1996	11:15	Bottom	5.2	5.0	28.61	8.09	5.32	32.47	49,763																
10-4 Rep	9/23/1996	11:20	Surface	5.2	0.2	28.48	8.09	4.62	32.00	49,123																
10-4 Rep	9/23/1996	11:20	Mid	5.2	1.0	28.43	8.08	4.67	32.07	49,221	0.3	5	2.5	3.2	<0.01	<0.01	0.01	0.01	0.03	0.05	0.48	0.51	<0.01	0.14	1.10	3.3
10-4 Rep	9/23/1996	11:20	Bottom	5.2	5.0	28.61	8.08	5.32	32.46	49,760																
10-5	9/23/1996	11:45	Surface	3.2	0.2	28.66	8.10	5.43	31.60	48,583																
10-5	9/23/1996	11:45	Mid	3.2	1.0	28.63	8.11	5.56	31.72	48,746	0.4	5	1.6	1.2	<0.01	<0.01	<0.01	<0.01	0.03	0.02	0.50	0.53	<0.01	0.23	8.50	3.1
10-5	9/23/1996	11:45	Bottom	3.2	3.0	28.64	8.13	5.66	32.29	49,528																
11-1	9/23/1996	10:10	Surface	2.9	0.2	28.78	8.22	5.39	31.47	48,407																
11-1	9/23/1996	10:10	Mid	2.9	1.0	28.78	8.20	5.33	31.49	48,442	1.9	5	7.5	10.6	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	0.62	0.64	<0.01	0.34	6.40	1.5
11-1	9/23/1996	10:10	Bottom	2.9	2.7	28.82	8.16	5.22	31.55	48,515																
11-2	9/23/1996	9:55	Surface	3.4	0.2	28.47	8.05	5.26	30.99	47,837																
11-2	9/23/1996	9:55	Mid	3.4	1.0	28.56	8.04	5.19	31.87	48,950	0.3	5	3.2	2.4	<0.01	0.03	<0.01	0.03	0.03	0.02	0.70	0.73	<0.01	0.21	2.70	2.2
11-2	9/23/1996	9:55	Bottom	3.4	3.2	28.55	8.02	5.11	31.92	49,009																
11-3	9/23/1996	9:40	Surface	2.7	0.2	28.65	8.04	4.95	31.86	48,939																
11-3	9/23/1996	9:40	Mid	2.7	1.0	28.66	8.03	4.92	31.87	48,946	0.4	5	5.0	4.4	<0.01	<0.01	0.02	0.02	0.03	0.03	0.53	0.56	<0.01	0.16	1.10	2.0
11-3	9/23/1996	9:40	Bottom	2.7	2.5	28.67	8.01	4.88	31.87	48,948																
11-4	9/23/1996	11:55	Surface	4.2	0.2	28.99	8.16	5.74	31.55	48,529																
11-4	9/23/1996	11:55	Mid	4.2	1.0	28.93	8.16	5.73	31.54	48,516	0.4	5	3.4	3.6	<0.01	0.03	0.02	0.05	0.03	0.02	0.57	0.60	<0.01	0.24	2.10	2.3
11-4	9/23/1996	11:55	Bottom	4.2	4.0	28.56	8.07	5.16	31.64	48,626																
11-5	9/23/1996	11:35	Surface	2.9	0.2	29.48	8.03	4.17	31.61	48,621																
11-5	9/23/1996	11:35	Mid	2.9	1.0	28.68	8.07	5.00	31.89	49,000	0.5	5	3.1	6.6	<0.01	<0.01	0.03	0.03	0.03	0.05	0.52	0.55	<0.01	0.15	1.10	2.2
11-5	9/23/1996	11:35	Bottom	2.9	2.7	28.51	8.09	5.96	32.11	49,275																
13-1	9/26/1996	13:05	Surface	2.2	0.2	27.89	7.79	6.13	31.70	48,640																
13-1	9/26/1996	13:05	Mid	2.2	1.0	27.76	7.78	5.82	32.13	49,268	1.3	5	2.2	7.4	<0.01	<0.01	<0.01	<0.01	0.03	0.02	0.52	0.55	0.04	0.22	<1.0	1.7
13-1	9/26/1996	13:05	Bottom	2.2	2.0	27.72	7.77	5.79	32.20	49,367																
13-2	9/26/1996	12:50	Surface	2.2	0.2	27.84	7.76	5.93	30.66	47,259																
13-2	9/26/1996	12:50	Mid	2.2	1.0	27.65	7.77	5.93	31.26	48,720	1.1	10	2.6	15.4	<0.01	<0.01	<0.01	<0.01	0.03	0.03	0.50	0.53	0.03	0.27	2.10	1.8
13-2	9/26/1996	12:50	Bottom	2.2	2.0	27.65	7.77	5.94	31.23	48,037																
13-3	9/26/1996	12:35	Surface	1.8	0.2	27.86	7.71	6.23	29.80	46,075																
13-3	9/26/1996	12:35	Mid	1.8	0.9	27.84	7.69	6.23	29.85	46,141	1.2	10	3.3	18.2	<0.01	<0.01	0.03	0.03	0.03	0.03	0.46	0.49	0.03	0.18	1.60	1.6
13-3	9/26/1996	12:35	Bottom	1.8	1.6	27.89	7.67	6.20	29.88	46,185																
13-4	9/26/1996	12:10	Surface	4.6	0.2	27.51	7.72	5.89	28.75	44,605																

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH pH Units	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	Dissolved TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Organic (mg/L)	Total O2+N (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chlorophyll (µg/L)	Secchi Depth (m)
13-4	9/26/1996	12:10	Mid	4.6	1.0	27.51	7.72	5.88	28.77	44,617	1.4	10	3.4	15.8	<0.01	<0.01	0.01	0.01	0.03	0.05	0.51	0.54	0.04	0.18	1.60	1.8
13-4	9/26/1996	12:10	Bottom	4.6	4.4	27.49	7.72	5.84	28.79	44,653																
13-5	9/26/1996	11:25	Surface	2.2	0.2	27.06	7.69	5.45	28.18	43,790																
13-5	9/26/1996	11:25	Mid	2.2	1.0	27.03	7.69	5.43	28.18	43,799	1.3	10	3.7	14.6	<0.01	0.03	0.03	0.06	0.04	0.04	0.47	0.51	0.05	0.22	1.10	1.5
13-5	9/26/1996	11:25	Bottom	2.2	2.0	27.02	7.70	5.44	28.22	43,853																
14-1	9/26/1996	11:15	Surface	2.4	0.2	27.06	7.74	6.08	27.95	43,467																
14-1	9/26/1996	11:15	Mid	2.4	1.0	27.05	7.74	6.09	27.94	43,464	1.6	15	4.1	8.0	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	0.32	0.35	0.04	0.22	2.10	1.5
14-1	9/26/1996	11:15	Bottom	2.4	2.2	27.04	7.74	6.11	27.93	43,442																
14-2	9/26/1996	11:00	Surface	1.9	0.2	26.91	7.80	6.16	28.04	43,592																
14-2	9/26/1996	11:00	Mid	1.9	0.9	26.91	7.80	6.16	28.04	43,595	1.6	5	4.5	19.8	<0.01	<0.01	<0.01	<0.01	0.03	0.02	0.44	0.47	0.03	0.14	2.10	1.5
14-2	9/26/1996	11:00	Bottom	1.9	1.7	26.90	7.80	6.19	28.04	43,600																
14-3	9/26/1996	10:50	Surface	2.0	0.2	26.69	7.95	6.46	28.34	43,999																
14-3	9/26/1996	10:50	Mid	2.0	1.0	26.68	7.95	6.47	28.35	44,012	2.2	5	3.9	15.6	<0.01	0.01	0.02	0.03	0.03	0.03	0.51	0.54	0.02	0.14	3.20	1.6
14-3	9/26/1996	10:50	Bottom	2.0	1.8	26.52	7.91	5.99	28.42	44,103																
14-4	9/26/1996	10:35	Surface	2.8	0.2	26.85	7.99	6.88	29.56	45,707																
14-4	9/26/1996	10:35	Mid	2.8	1.0	26.84	7.99	6.89	29.57	45,719	2.4	15	3.1	8.0	<0.01	<0.01	0.05	0.05	0.03	0.07	0.52	0.55	<0.01	0.22	9.70	1.7
14-4	9/26/1996	10:35	Bottom	2.8	2.6	27.12	7.93	5.91	29.79	46,030																
14-5	9/26/1996	10:10	Surface	1.7	0.2	26.93	7.83	5.17	30.37	46,827																
14-5	9/26/1996	10:10	Mid	1.7	0.8	26.93	7.82	5.22	30.37	46,826	1.6	10	3.0	6.8	<0.01	<0.01	0.03	0.03	0.03	0.03	0.42	0.45	0.01	0.16	<1.0	1.7*
14-5	9/26/1996	10:10	Bottom	1.7	1.5	26.93	7.83	5.23	30.36	46,813																
14-5 Rep	9/26/1996	10:20	Surface	1.7	0.2	26.93	7.83	5.17	30.38	46,827																
14-5 Rep	9/26/1996	10:20	Mid	1.7	0.8	26.93	7.83	5.19	30.37	46,826	1.8	10	2.8	7.2	<0.01	<0.01	0.03	0.03	0.03	0.03	0.41	0.44	0.01	0.18	<1.0	1.7*
14-5 Rep	9/26/1996	10:20	Bottom	1.7	1.5	26.93	7.83	5.22	30.36	46,812																
16-1	9/24/1996	13:20	Surface	4.5	0.2	28.72	7.84	6.27	30.75	47,410																
16-1	9/24/1996	13:20	Mid	4.5	1.0	28.58	7.84	6.21	30.77	47,441	1.3	10	2.7	0.2	<0.01	<0.01	0.02	0.02	0.03	0.02	0.53	0.56	0.01	0.19	7.00	2.0
16-1	9/24/1996	13:20	Bottom	4.5	4.3	28.32	7.78	5.70	31.32	48,178																
16-2	9/24/1996	13:00	Surface	2.2	0.2	28.73	7.79	6.12	31.55	48,513																
16-2	9/24/1996	13:00	Mid	2.2	1.0	28.66	7.79	6.06	31.62	48,615	0.9	10	3.6	2.4	<0.01	<0.01	0.02	0.02	0.03	0.02	0.50	0.53	<0.01	0.14	6.40	2.0
16-2	9/24/1996	13:00	Bottom	2.2	2.0	28.58	7.79	5.89	31.64	48,651																
16-3	9/24/1996	12:50	Surface	1.5	0.2	28.59	7.85	6.33	30.87	47,580																
16-3	9/24/1996	12:50	Mid	1.5	0.7	28.96	7.80	6.30	31.96	49,083	0.6	5	3.5	2.4	<0.01	<0.01	<0.01	<0.01	0.03	0.02	0.53	0.56	<0.01	0.11	5.90	1.5*
16-3	9/24/1996	12:50	Bottom	1.5	1.3	28.97	7.82	6.36	31.98	49,112																
16-4	9/24/1996	12:35	Surface	2.4	0.2	29.00	7.73	6.00	32.51	49,837																
16-4	9/24/1996	12:35	Mid	2.4	1.0	28.97	7.73	6.05	32.55	49,886	0.4	5	3.1	3.6	<0.01	<0.01	<0.01	<0.01	0.03	0.01	0.46	0.49	<0.01	0.20	4.30	2.2
16-4	9/24/1996	12:35	Bottom	2.4	2.2	28.95	7.75	6.81	32.81	50,244																
16-5	9/24/1996	12:20	Surface	2.0	0.2	29.14	7.68	6.46	32.88	50,349																
16-5	9/24/1996	12:20	Mid	2.0	1.0	28.99	7.64	6.06	32.88	50,348	0.4	5	3.1	3.6	<0.01	<0.01	<0.01	<0.01	0.03	0.01	0.46	0.49	<0.01	0.34	4.30	2.0*
16-5	9/24/1996	12:20	Bottom	2.0	1.8	28.99	7.65	6.17	32.88	50,342																
LB-1	9/24/1996	11:30	Surface	2.0	0.2	29.10	7.44	5.23	27.01	42,241																
LB-1	9/24/1996	11:30	Mid	2.0	1.0	29.20	7.48	4.77	28.06	43,733	0.8	30	3.4	6.4	<0.01	<0.01	0.05	0.05	0.04	0.07	0.55	0.59	0.05	0.26	6.40	1.0
LB-1	9/24/1996	11:30	Bottom	2.0	1.8	29.10	7.48	4.70	28.38	44,146																
LB-2	9/24/1996	11:10	Surface	1.2	0.2	28.89	7.36	4.53	26.07	40,900																
LB-2	9/24/1996	11:10	Mid	1.2	0.6	28.86	7.35	4.53	26.07	40,911	0.8	35	5.0	7.2	<0.01	0.01	0.05	0.06	0.03	0.07	0.59	0.62	0.07	0.28	6.40	1.0
LB-2	9/24/1996	11:10	Bottom	1.2	1.0	28.86	7.35	4.57	26.07	40,900																
LB-3	9/24/1996	10:50	Surface	3.1	0.2	28.46	7.79	5.65	27.21	42,485																
LB-3	9/24/1996	10:50	Mid	3.1	1.0	28.46	7.79	5.49	27.21	42,493	2.4	30	3.3	9.0	<0.01	<0.01	<0.01	<0.01	0.03	0.01	0.62	0.65	0.06	0.29	8.50	1.5
LB-3	9/24/1996	10:50	Bottom	3.1	2.9	29.30	7.81	3.30	28.49	44,333																
LB-4	9/24/1996	10:35	Surface	1.9	0.2	28.32	7.89	5.86	28.74	44,617																
LB-4	9/24/1996	10:35	Mid	1.9	0.9	28.33	7.89	5.85	28.76	44,646	2.0	25	2.9	5.2	<0.01	<0.01	0.01	0.01	0.03	0.01	0.57	0.60	0.04	0.28	8.30	1.5
LB-4	9/24/1996	10:35	Bottom	1.9	1.7	28.44	7.87	5.64	28.76	44,659																
LB-5	9/24/1996	10:10	Surface	2.1	0.2	28.14	7.88	4.88	29.23	45,291																
LB-5	9/24/1996	10:10	Mid	2.1	1.0	28.06	7.86	4.75	29.25	45,321	1.2	25	2.7	4.4	<0.01	<0.01	<0.01	<0.01	0.03	0.01	0.51	0.54	0.04	0.20	9.90	1.9
LB-5	9/24/1996	10:10	Bottom	2.1	1.9	27.79	7.83	4.77	29.49	45,636																
LB-5 Rep	9/24/1996	10:15	Surface	2.1	0.2	28.13	7.88	4.90	29.23	45,292																

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH pH Units	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	Dissolved TSS (mg/L)	NO2 (mg/L)	NO3 (mg/L)	NH3 (mg/L)	Dissolved Inorganic (mg/L)	Total O2+N (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
LB-5 Rep	9/24/1996	10:15	Mid	2.1	1.0	28.05	7.87	4.78	29.25	45,319	1.5	25	3.4	4.8	<0.01	<0.01	<0.01	<0.01	0.03	0.01	0.53	0.56	0.04	0.23	9.60	1.9
LB-5 Rep	9/24/1996	10:15	Bottom	2.1	1.9	27.80	7.85	4.75	29.48	45,635																
ML-1	9/25/1996	10:30	Surface	2.9	0.2	27.27	6.93	5.32	1.30	2,540																
ML-1	9/25/1996	10:30	Mid	2.9	1.0	27.09	6.93	5.30	1.58	3,047	1.0	80	1.9	2.2	<0.01	0.03	0.01	0.04	0.06	0.02	0.77	0.83	0.05	0.28	5.30	1.1
ML-1	9/25/1996	10:30	Bottom	2.9	2.7	27.60	6.82	4.31	4.10	7,473																
ML-2	9/25/1996	10:20	Surface	1.6	0.2	27.23	6.95	5.39	2.33	4,386																
ML-2	9/25/1996	10:20	Mid	1.6	0.8	27.13	6.94	5.28	2.52	4,741	1.1	100	1.3	2.0	<0.01	0.02	0.02	0.04	0.04	0.04	0.71	0.75	0.12	0.30	5.90	1.2
ML-2	9/25/1996	10:20	Bottom	1.6	1.4	27.11	6.91	5.21	2.75	5,141																
ML-3	9/25/1996	10:10	Surface	0.9	0.2	27.18	6.96	5.60	2.80	5,216																
ML-3	9/25/1996	10:10	Mid	0.9	0.4	27.17	6.95	5.57	2.78	5,182	0.9	80	1.7	1.9	<0.01	0.02	0.02	0.04	0.05	0.03	0.70	0.75	0.12	0.29	6.40	0.9*
ML-3	9/25/1996	10:10	Bottom	0.9	0.7	27.10	6.94	5.65	2.81	5,250																
ML-4	9/25/1996	10:00	Surface	1.5	0.2	27.30	6.98	5.25	3.06	5,675																
ML-4	9/25/1996	10:00	Mid	1.5	0.7	27.22	6.94	5.11	3.16	5,846	1.0	80	1.1	2.0	<0.01	0.04	0.08	0.12	0.05	0.08	0.56	0.61	0.10	0.26	5.30	1.2
ML-4	9/25/1996	10:00	Bottom	1.5	1.3	27.19	6.92	5.03	3.18	5,879																
ML-5	9/25/1996	9:40	Surface	2.7	0.2	27.00	6.93	5.42	4.31	7,816																
ML-5	9/25/1996	9:40	Mid	2.7	1.0	26.77	6.88	5.24	4.64	8,370	1.1	80	1.0	2.8	<0.01	0.03	0.02	0.05	0.04	0.04	0.67	0.71	0.10	0.22	9.10	1.3
ML-5	9/25/1996	9:40	Bottom	2.7	2.5	26.44	6.81	5.20	5.21	9,328																
ML-5 Rep	9/25/1996	9:45	Surface	2.7	0.2	27.00	6.93	5.46	4.36	7,894																
ML-5 Rep	9/25/1996	9:45	Mid	2.7	1.0	26.78	6.89	5.30	4.64	8,379	1.0	80	1.0	2.9	<0.01	0.03	0.03	0.06	0.04	0.04	0.70	0.74	0.08	0.25	8.20	1.3
ML-5 Rep	9/25/1996	9:45	Bottom	2.7	2.5	26.44	6.82	5.18	5.22	9,333																
MU-1	9/25/1996	11:40	Surface	1.3	0.2	27.56	6.84	4.89	0.13	269																
MU-1	9/25/1996	11:40	Mid	1.3	0.6	27.54	6.83	4.90	0.13	274	0.6	140	1.2	1.2	<0.01	0.06	0.02	0.08	0.08	0.03	0.61	0.69	0.09	0.29	5.30	1.1
MU-1	9/25/1996	11:40	Bottom	1.3	1.1	27.54	6.83	4.93	0.13	267																
MU-2	9/25/1996	11:15	Surface	2.4	0.2	27.82	6.93	4.71	0.13	289																
MU-2	9/25/1996	11:15	Mid	2.4	1.0	27.69	6.92	4.66	0.13	291	0.7	130	1.0	1.6	<0.01	0.08	0.04	0.12	0.09	0.04	0.62	0.71	0.09	0.28	5.90	1.2
MU-2	9/25/1996	11:15	Bottom	2.4	2.2	27.67	6.92	4.70	0.14	298																
MU-3	9/25/1996	11:05	Surface	3.5	0.2	28.08	6.93	4.79	0.14	291																
MU-3	9/25/1996	11:05	Mid	3.5	1.0	27.86	6.91	4.73	0.14	294	0.4	140	1.2	1.8	<0.01	0.07	0.03	0.10	0.08	0.04	0.67	0.75	0.19	0.24	5.90	1.3
MU-3	9/25/1996	11:05	Bottom	3.5	3.3	27.79	6.90	4.72	0.14	290																
MU-4	9/25/1996	10:50	Surface	1.9	0.2	27.83	6.97	5.04	0.14	305																
MU-4	9/25/1996	10:50	Mid	1.9	0.9	27.78	6.97	5.04	0.14	306	0.3	120	1.5	0.8	<0.01	0.07	0.02	0.09	0.08	0.03	0.68	0.76	0.18	0.27	4.80	1.3
MU-4	9/25/1996	10:50	Bottom	1.9	1.7	27.78	6.97	5.05	0.15	308																
MU-5	9/25/1996	10:40	Surface	2.3	0.2	27.33	6.95	5.36	0.45	919																
MU-5	9/25/1996	10:40	Mid	2.3	1.0	27.25	6.93	5.35	0.45	916	0.4	100	1.0	2.2	<0.01	0.04	0.09	0.13	0.07	0.15	0.57	0.64	0.27	0.31	4.30	1.1
MU-5	9/25/1996	10:40	Bottom	2.3	2.1	27.22	6.93	5.36	0.44	905																
Equip Blank	9/23/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	9/26/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	9/24/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.01	0.02	<0.01	<0.01	<1.0	NA
Equip Blank	9/25/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	<0.01	<0.01	<1.0	NA
10-1	10/21/1996	11:35	Surface	3.6	0.2	22.80	8.09	6.70	31.78	48,629																
10-1	10/21/1996	11:35	Mid	3.6	1.0	22.76	8.08	6.65	31.78	48,631	1.4	5	2.8	5.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.70	0.70	<0.01	<0.01	<1.0	2.5
10-1	10/21/1996	11:35	Bottom	3.6	3.4	22.73	8.07	6.64	31.77	48,617																
10-2	10/21/1996	11:00	Surface	3.0	0.2	22.40	8.04	6.62	31.86	48,742																
10-2	10/21/1996	11:00	Mid	3.0	1.0	22.34	8.03	6.57	31.89	48,773	1.3	5	3.4	4.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.94	0.94	<0.01	<0.01	2.1	2.3
10-2	10/21/1996	11:00	Bottom	3.0	2.8	22.30	8.01	6.53	31.91	48,804																
10-3	10/21/1996	11:20	Surface	2.3	0.2	22.34	8.00	6.38	32.04	48,980																
10-3	10/21/1996	11:20	Mid	2.3	1.0	22.34	7.99	6.38	32.04	48,986	1.2	5	3.1	3.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.98	0.98	<0.01	<0.01	<1.0	2.3*
10-3	10/21/1996	11:20	Bottom	2.3	2.1	22.34	7.99	6.39	32.04	48,991																
10-4	10/21/1996	10:40	Surface	4.0	0.2	22.73	7.96	6.38	32.19	49,197																
10-4	10/21/1996	10:40	Mid	4.0	1.0	22.73	7.94	6.35	32.19	49,200	1.1	5	3.9	4.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.96	0.96	<0.01	<0.01	2.7	2.3
10-4	10/21/1996	10:40	Bottom	4.0	3.8	22.64	7.92	6.28	32.24	49,256																
10-5	10/21/1996	10:20	Surface	1.8	0.2	22.52	7.94	6.33	31.81	48,682																
10-5	10/21/1996	10:20	Mid	1.8	0.9	22.58	7.91	6.50	32.00	48,925	1.1	5	2.6	5.8	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.88	0.89	<0.01	<0.01	3.2	1.8*

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH pH Units	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	Dissolved TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic (mg/L)	Total O2+NO2 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chlorophyll (µg/L)	Secchi Depth (m)
10-5	10/21/1996	10:20	Bottom	1.8	1.6	22.68	7.90	6.55	32.12	49,103																
11-1	10/21/1996	11:50	Surface	3.2	0.2	23.02	8.08	7.25	31.86	48,754																
11-1	10/21/1996	11:50	Mid	3.2	1.0	22.87	8.07	7.35	31.88	48,771	1.4	5	3.9	12.8	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.40	0.41	<0.01	0.07	1.6	1.8
11-1	10/21/1996	11:50	Bottom	3.2	3.0	22.69	8.06	7.37	31.88	48,767																
11-2	10/21/1996	12:05	Surface	3.4	0.2	23.18	8.09	7.29	31.85	48,734																
11-2	10/21/1996	12:05	Mid	3.4	1.0	22.97	8.09	7.33	31.84	48,724	1.5	5	3.6	10.0	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.34	0.35	<0.01	0.05	2.7	1.7
11-2	10/21/1996	12:05	Bottom	3.4	3.2	22.84	8.09	7.37	31.84	48,715																
11-3	10/21/1996	12:20	Surface	2.5	0.2	22.96	8.05	6.42	31.89	48,800																
11-3	10/21/1996	12:20	Mid	2.5	1.0	22.73	8.05	6.46	31.91	48,815	1.3	5	3.3	7.8	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.37	0.38	<0.01	0.06	<1.0	1.7
11-3	10/21/1996	12:20	Bottom	2.5	2.3	22.68	8.05	6.38	31.92	48,825																
11-4	10/21/1996	9:40	Surface	2.0	0.2	22.43	7.99	6.55	31.56	48,334																
11-4	10/21/1996	9:40	Mid	2.0	1.0	22.31	7.96	6.40	31.56	48,322	1.6	5	3.9	6.8	<0.01	<0.01	<0.01	<0.01	0.02	0.01	0.50	0.52	<0.01	0.09	2.1	1.9
11-4	10/21/1996	9:40	Bottom	2.0	1.8	22.28	7.92	6.36	31.57	48,344																
11-4 Rep	10/21/1996	9:45	Surface	2.0	0.2	22.37	7.98	6.47	31.57	48,344																
11-4 Rep	10/21/1996	9:45	Mid	2.0	1.0	22.34	7.97	6.45	31.58	48,354	1.4	5	4.0	6.4	<0.01	<0.01	<0.01	<0.01	0.02	0.01	0.53	0.55	<0.01	0.08	2.5	1.9
11-4 Rep	10/21/1996	9:45	Bottom	2.0	1.8	22.29	7.94	6.36	31.58	48,348																
11-5	10/21/1996	10:05	Surface	3.4	0.2	21.87	7.94	6.68	31.16	47,781																
11-5	10/21/1996	10:05	Mid	3.4	1.0	22.13	7.93	6.45	31.52	48,262	1.2	5	3.3	3.8	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.43	0.44	<0.01	0.06	1.1	2.0
11-5	10/21/1996	10:05	Bottom	3.4	3.2	22.64	7.86	6.07	32.10	49,073																
13-1	10/24/1996	13:20	Surface	2.3	0.2	26.06	7.77	6.40	29.76	45,948																
13-1	10/24/1996	13:20	Mid	2.3	1.0	25.10	7.78	6.41	30.66	47,159	1.1	15	2.4	7.6	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.40	0.41	0.01	0.08	1.6	2.2
13-1	10/24/1996	13:20	Bottom	2.3	2.1	25.08	7.76	6.25	30.75	47,290																
13-2	10/24/1996	12:55	Surface	2.2	0.2	25.94	7.75	6.52	28.72	44,501																
13-2	10/24/1996	12:55	Mid	2.2	1.0	25.08	7.73	6.10	30.32	46,702	1.2	15	2.0	12.8	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.39	0.41	<0.01	0.09	1.1	2.0
13-2	10/24/1996	12:55	Bottom	2.2	2.0	25.04	7.73	6.08	30.59	47,060																
13-3	10/24/1996	12:35	Surface	3.7	0.2	25.46	7.76	6.25	28.28	43,885																
13-3	10/24/1996	12:35	Mid	3.7	1.0	25.45	7.76	6.22	28.28	43,882	1.1	20	1.9	3.4	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.46	0.48	0.01	0.10	1.1	2.3*
13-3	10/24/1996	12:35	Bottom	3.7	3.5	25.44	7.76	6.20	28.23	43,819																
13-4	10/24/1996	12:10	Surface	1.5	0.2	25.42	7.75	5.99	27.53	42,828																
13-4	10/24/1996	12:10	Mid	1.5	0.7	25.41	7.75	5.99	27.53	42,826	1.4	15	2.1	6.2	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.51	0.53	0.02	0.10	<1.0	1.5*
13-4	10/24/1996	12:10	Bottom	1.5	1.3	25.42	7.76	6.00	27.50	42,795																
13-5	10/24/1996	11:40	Surface	2.5	0.2	25.18	7.72	5.54	25.94	40,600																
13-5	10/24/1996	11:40	Mid	2.5	1.0	25.01	7.68	5.46	26.39	41,230	1.0	15	2.9	4.8	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.49	0.51	0.02	0.11	1.1	2.1
13-5	10/24/1996	11:40	Bottom	2.5	2.3	25.01	7.67	5.47	26.63	41,550																
14-1	10/24/1996	11:25	Surface	2.3	0.2	25.14	7.90	7.13	25.63	40,153																
14-1	10/24/1996	11:25	Mid	2.3	1.0	25.01	7.83	6.52	25.87	40,503	1.4	15	2.9	1.2	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.54	0.56	0.01	0.10	<1.0	2.1
14-1	10/24/1996	11:25	Bottom	2.3	2.1	24.99	7.82	6.55	25.89	40,518																
14-2	10/24/1996	11:10	Surface	2.1	0.2	25.01	7.93	7.36	25.31	39,699																
14-2	10/24/1996	11:10	Mid	2.1	1.0	24.97	7.88	6.92	25.55	40,053	1.8	15	2.2	0.1	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.50	0.52	0.01	0.10	<1.0	2.1*
14-2	10/24/1996	11:10	Bottom	2.1	1.9	25.07	7.81	6.33	25.92	40,567																
14-3	10/24/1996	10:50	Surface	0.8	0.2	25.12	8.01	7.62	25.38	39,806																
14-3	10/24/1996	10:50	Mid	0.8	0.4	25.09	8.01	7.70	25.46	39,909	2.6	20	3.5	0.6	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.70	0.72	0.01	0.11	1.1	0.8*
14-3	10/24/1996	10:50	Bottom	0.8	0.6	25.12	8.02	7.86	25.43	39,879																
14-4	10/24/1996	10:30	Surface	1.9	0.2	24.87	8.07	7.82	26.00	40,675																
14-4	10/24/1996	10:30	Mid	1.9	0.9	24.85	7.98	6.65	26.50	41,383	1.2	20	2.3	1.0	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.60	0.62	<0.01	0.08	<1.0	1.8
14-4	10/24/1996	10:30	Bottom	1.9	1.7	25.22	7.85	5.40	27.31	42,524																
14-5	10/24/1996	10:10	Surface	1.7	0.2	24.99	7.97	6.98	26.74	41,719																
14-5	10/24/1996	10:10	Mid	1.7	0.8	24.86	7.90	6.18	27.14	42,277	1.8	20	2.6	3.8	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.50	0.52	<0.01	0.08	1.1	1.7*
14-5	10/24/1996	10:10	Bottom	1.7	1.5	24.84	7.88	6.20	27.14	42,277																
14-5 Rep	10/24/1996	10:15	Surface	1.7	0.2	24.98	7.97	6.98	26.74	41,724																
14-5 Rep	10/24/1996	10:15	Mid	1.7	0.8	24.87	7.89	6.18	27.14	42,270	1.6	20	2.7	4.0	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.49	0.51	<0.01	0.07	1.1	1.7*
14-5 Rep	10/24/1996	10:15	Bottom	1.7	1.5	24.84	7.89	6.21	27.14	42,277																
16-1	10/23/1996	12:25	Surface	1.8	0.2	24.53	7.81	6.51	28.29	43,868																
16-1	10/23/1996	12:25	Mid	1.8	0.9	24.19	7.81	6.66	28.88	44,676	1.4	15	5.2	4.2	<0.01	0.01	<0.01	0.01	0.02	<0.01	0.72	0.74	0.02	0.06	2.2	1.6

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temp	pH	Dissolved Oxygen	Salinity	Specific Conduct	BOD	Color	turbidity	TSS	NO2	NO3	NH3	Dissolved Inorganic	Total O2+N	Total NH3	TKN	Total Nitrogen	OP	TP	Chloro-phyll	Secch Depth
	(mm/dd/yy)	(24-hours)		(m)	(m)	(°C)	pH Units	(mg/L)	(ppt)	(µS/cm)	(mg/L)	(APU)	(NTU)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µg/L)	(m)	
16-1	10/23/1996	12:25	Bottom	1.8	1.6	24.26	7.81	6.74	29.30	45,255																
16-2	10/23/1996	12:10	Surface	2.4	0.2	24.52	7.80	6.45	29.60	45,666																
16-2	10/23/1996	12:10	Mid	2.4	1.0	24.32	7.80	6.35	29.74	45,866	1.0	15	4.5	6.2	<0.01	0.03	<0.01	0.03	0.05	0.02	0.61	0.66	<0.01	0.06	<1.0	1.6
16-2	10/23/1996	12:10	Bottom	2.4	2.2	24.07	7.77	6.23	30.24	46,554																
16-3	10/23/1996	12:00	Surface	2.1	0.2	24.58	7.76	6.22	29.94	46,134																
16-3	10/23/1996	12:00	Mid	2.1	1.0	24.32	7.76	6.19	30.60	47,060	1.0	10	4.7	10.8	<0.01	0.01	<0.01	0.01	0.02	0.02	0.51	0.53	<0.01	0.03	2.1	1.7
16-3	10/23/1996	12:00	Bottom	2.1	1.9	24.03	7.73	6.03	31.67	48,499																
16-4	10/23/1996	11:50	Surface	1.9	0.2	24.09	7.71	6.26	32.17	49,230																
16-4	10/23/1996	11:50	Mid	1.9	0.9	23.99	7.71	6.28	32.43	49,544	0.7	10	4.0	1.4	<0.01	0.01	<0.01	0.01	0.03	0.01	0.50	0.53	<0.01	0.02	2.1	1.9*
16-4	10/23/1996	11:50	Bottom	1.9	1.7	23.97	7.71	6.29	32.44	49,569																
16-5	10/23/1996	11:40	Surface	3.9	0.2	24.14	7.70	6.31	32.51	49,666																
16-5	10/23/1996	11:40	Mid	3.9	1.0	23.95	7.69	6.27	32.55	49,709	0.4	10	5.1	6.2	<0.01	0.02	<0.01	0.02	0.03	0.01	0.40	0.43	<0.01	0.01	1.6	1.9
16-5	10/23/1996	11:40	Bottom	3.9	3.7	23.90	7.69	6.25	32.56	49,727																
LB-1	10/23/1996	11:00	Surface	3.3	0.2	24.34	7.49	6.01	28.08	43,565																
LB-1	10/23/1996	11:00	Mid	3.3	1.0	24.22	7.48	5.99	28.12	43,629	1.0	15	4.6	5.2	<0.01	<0.01	0.02	0.02	0.01	0.02	0.79	0.80	0.01	0.09	4.3	1.5
LB-1	10/23/1996	11:00	Bottom	3.3	3.1	24.19	7.47	5.96	28.16	43,680																
LB-2	10/23/1996	10:40	Surface	1.5	0.2	24.20	7.68	6.44	27.28	42,444																
LB-2	10/23/1996	10:40	Mid	1.5	0.7	24.07	7.68	6.48	27.37	42,576	1.5	20	5.1	9.0	<0.01	0.01	<0.01	0.01	0.01	<0.01	1.02	1.03	0.01	0.15	3.2	1.3
LB-2	10/23/1996	10:40	Bottom	1.5	1.3	24.06	7.68	6.46	27.37	42,576																
LB-3	10/23/1996	10:30	Surface	1.4	0.2	24.27	7.79	6.81	26.39	41,207																
LB-3	10/23/1996	10:30	Mid	1.4	0.7	24.26	7.77	6.73	26.53	41,391	1.6	15	5.2	12.6	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.82	0.83	0.01	0.12	2.1	1.3
LB-3	10/23/1996	10:30	Bottom	1.4	1.2	24.21	7.75	6.65	26.57	41,451																
LB-4	10/23/1996	10:15	Surface	1.5	0.2	23.88	7.90	6.56	26.23	40,959																
LB-4	10/23/1996	10:15	Mid	1.5	0.7	23.88	7.90	6.58	26.23	40,973	1.9	20	4.4	10.4	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.82	0.83	0.01	0.14	4.5	1.4
LB-4	10/23/1996	10:15	Bottom	1.5	1.3	23.89	7.87	6.57	26.26	40,998																
LB-5	10/23/1996	9:55	Surface	2.3	0.2	23.68	7.94	6.52	27.91	43,311																
LB-5	10/23/1996	9:55	Mid	2.3	1.0	23.55	7.95	6.52	27.96	43,383	1.4	15	5.2	2.0	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	0.87	0.89	0.01	0.10	2.6	1.7
LB-5	10/23/1996	9:55	Bottom	2.3	2.1	23.96	7.84	4.32	28.33	43,919																
LB-5 Rep	10/23/1996	10:00	Surface	2.3	0.2	23.69	7.94	6.51	27.91	43,311																
LB-5 Rep	10/23/1996	10:00	Mid	2.3	1.0	23.55	7.95	6.53	27.94	43,360	1.5	15	5.7	1.8	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.89	0.90	0.01	0.10	2.7	1.7
LB-5 Rep	10/23/1996	10:00	Bottom	2.3	2.1	23.97	7.84	5.41	28.32	43,897																
ML-1	10/22/1996	11:35	Surface	2.1	0.2	23.41	6.84	5.75	0.98	1,936																
ML-1	10/22/1996	11:35	Mid	2.1	1.0	23.30	6.84	5.69	1.10	2,152	1.2	120	1.9	3.8	<0.01	0.06	0.01	0.07	0.08	0.02	0.82	0.90	0.22	0.29	2.1	1.0
ML-1	10/22/1996	11:35	Bottom	2.1	1.9	23.28	6.83	5.72	1.09	2,133																
ML-2	10/22/1996	11:20	Surface	1.8	0.2	23.27	6.87	5.77	1.34	2,587																
ML-2	10/22/1996	11:20	Mid	1.8	0.9	23.24	6.86	5.75	1.33	2,583	1.0	140	1.3	2.6	<0.01	0.08	0.01	0.09	0.10	0.02	0.86	0.96	0.20	0.26	1.1	1.0
ML-2	10/22/1996	11:20	Bottom	1.8	1.6	23.21	6.86	5.78	1.31	2,548																
ML-3	10/22/1996	11:10	Surface	1.4	0.2	23.34	6.88	5.75	1.23	2,396																
ML-3	10/22/1996	11:10	Mid	1.4	0.7	23.29	6.87	5.76	1.25	2,426	1.0	120	1.7	3.6	<0.01	0.09	0.03	0.12	0.09	0.08	0.76	0.85	0.22	0.27	2.3	0.9
ML-3	10/22/1996	11:10	Bottom	1.4	1.2	23.25	6.85	5.72	1.26	2,437																
ML-4	10/22/1996	11:00	Surface	2.6	0.2	23.13	6.85	5.73	1.65	3,156																
ML-4	10/22/1996	11:00	Mid	2.6	1.0	23.11	6.83	5.77	1.66	3,176	1.1	120	1.1	2.2	<0.01	0.06	0.02	0.08	0.07	0.03	0.71	0.78	0.19	0.32	2.7	1.0
ML-4	10/22/1996	11:00	Bottom	2.6	2.4	23.09	6.82	5.79	1.84	3,466																
ML-5	10/22/1996	10:35	Surface	1.6	0.2	23.06	6.84	5.94	4.36	7,861																
ML-5	10/22/1996	10:35	Mid	1.6	0.8	23.03	6.83	5.95	4.29	7,744	1.2	100	1.0	3.2	<0.01	0.05	0.05	0.10	0.06	0.06	0.92	0.98	0.17	0.26	4.7	0.8
ML-5	10/22/1996	10:35	Bottom	1.6	1.4	23.01	6.82	5.95	4.22	7,651																
ML-5 Rep	10/22/1996	10:40	Surface	1.6	0.2	23.07	6.84	5.96	4.37	7,884																
ML-5 Rep	10/22/1996	10:40	Mid	1.6	0.8	23.04	6.83	5.94	4.30	7,776	1.3	100	1.2	3.2	<0.01	0.05	0.06	0.11	0.06	0.06	0.87	0.93	0.16	0.25	5.1	0.8
ML-5 Rep	10/22/1996	10:40	Bottom	1.6	1.4	23.01	6.82	5.94	4.24	7,664																
MU-1	10/22/1996	13:10	Surface	3.5	0.2	23.12	6.58	5.67	0.13	285																
MU-1	10/22/1996	13:10	Mid	3.5	1.0	22.75	6.56	5.64	0.13	279	1.0	140	0.6	0.2	<0.01	0.05	0.02	0.07	0.05	0.02	1.12	1.17	0.24	0.30	<1.0	1.1
MU-1	10/22/1996	13:10	Bottom	3.5	3.3	22.51	6.54	5.70	0.13	287																
MU-2	10/22/1996	12:55	Surface	1.7	0.2	22.58	6.61	5.57	0.13	281																
MU-2	10/22/1996	12:55	Mid	1.7	0.8	22.43	6.60	5.57	0.14	285	1.2	140	0.8	0.1	<0.01	0.06	0.02	0.08	0.07	0.02	1.08	1.15	0.28	0.30	<1.0	1.1

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temp	pH	Dissolved Oxygen	Salinity	Specific Conduct	BOD	Color	Turbidity	Dissolved TSS	Dissolved NO2	Dissolved NO3	Dissolved NH3	Dissolved Inorganic	Total O2+N	Total NH3	TKN	Total Nitrogen	OP	TP	Chloro-phyll	Secchi Depth
	(mm/dd/yy)	(24-hours)		(m)	(m)	(°C)	pH Units	(mg/L)	(ppt)	(µS/cm)	(mg/L)	(APU)	(NTU)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µg/L)	(m)	
MU-2	10/22/1996	12:55	Bottom	1.7	1.5	22.41	6.60	5.55	0.13	285																
MU-3	10/22/1996	12:40	Surface	1.6	0.2	23.08	6.59	5.94	0.13	281																
MU-3	10/22/1996	12:40	Mid	1.6	0.8	22.99	6.56	5.95	0.13	286	1.1	140	0.9	0.8	<0.01	0.06	0.10	0.16	0.07	0.10	1.24	1.31	0.21	0.28	1.8	1.1
MU-3	10/22/1996	12:40	Bottom	1.6	1.4	22.95	6.53	5.96	0.13	286																
MU-4	10/22/1996	12:20	Surface	1.9	0.2	22.96	6.59	5.57	0.15	330																
MU-4	10/22/1996	12:20	Mid	1.9	0.9	22.92	6.55	5.54	0.16	325	1.0	140	0.9	1.0	<0.01	0.09	0.09	0.18	0.10	0.09	1.58	1.68	0.22	0.27	3.2	1.1
MU-4	10/22/1996	12:20	Bottom	1.9	1.7	22.90	6.53	5.58	0.16	326																
MU-5	10/22/1996	11:55	Surface	1.9	0.2	23.15	6.68	5.63	0.33	686																
MU-5	10/22/1996	11:55	Mid	1.9	0.9	23.10	6.66	5.64	0.30	633	0.9	140	1.2	0.2	<0.01	0.06	0.02	0.08	0.07	0.05	1.47	1.54	0.25	0.26	1.0	0.9
MU-5	10/22/1996	11:55	Bottom	1.9	1.7	23.06	6.64	5.69	0.31	645																
Equip Blank	10/21/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	10/24/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.02	<0.01	0.01	<1.0	NA
Equip Blank	10/23/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	<0.01	<0.01	<1.0	NA
Equip Blank	10/22/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
10-1	11/18/1996	10:50	Surface	3.8	0.2	19.76	7.93	6.79	32.69	49,839																
10-1	11/18/1996	10:50	Mid	3.8	1.0	19.72	7.92	6.79	32.69	49,837	1.1	5	0.8	3.8	<0.01	<0.01	<0.01	<0.01	0.03	0.03	0.37	0.40	0.01	0.08	<1.0	3.3
10-1	11/18/1996	10:50	Bottom	3.8	3.6	19.72	7.92	6.80	32.68	49,834																
10-2	11/18/1996	11:00	Surface	3.6	0.2	19.81	7.94	7.08	32.69	49,846																
10-2	11/18/1996	11:00	Mid	3.6	1.0	19.81	7.94	7.07	32.69	49,846	1.2	5	1.5	4.0	<0.01	<0.01	<0.01	<0.01	0.01	0.01	0.42	0.43	0.01	0.08	2.1	2.0
10-2	11/18/1996	11:00	Bottom	3.6	3.4	19.77	7.94	7.09	32.69	49,841																
10-3	11/18/1996	11:15	Surface	2.2	0.2	20.01	7.92	6.75	32.57	49,672																
10-3	11/18/1996	11:15	Mid	2.2	1.0	20.00	7.91	6.74	32.56	49,662	0.7	5	0.8	2.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.61	0.61	0.01	0.08	<1.0	2.2
10-3	11/18/1996	11:15	Bottom	2.2	2.0	20.01	7.91	6.75	32.56	49,666																
10-4	11/18/1996	11:30	Surface	3.9	0.2	20.22	7.91	6.60	32.38	49,422																
10-4	11/18/1996	11:30	Mid	3.9	1.0	20.08	7.88	6.06	32.42	49,466	0.7	5	0.6	4.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.52	0.52	0.01	0.12	2.7	3.9
10-4	11/18/1996	11:30	Bottom	3.9	3.7	19.87	7.86	5.61	32.44	49,492																
10-5	11/18/1996	11:45	Surface	4.3	0.2	20.25	7.87	6.65	32.27	49,271																
10-5	11/18/1996	11:45	Mid	4.3	1.0	20.15	7.86	6.58	32.27	49,272	0.4	5	1.1	12.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.45	0.45	0.02	0.08	3.2	3.0
10-5	11/18/1996	11:45	Bottom	4.3	4.1	20.04	7.85	6.48	32.32	49,334																
11-1	11/18/1996	10:40	Surface	3.5	0.2	19.72	7.91	6.78	32.74	49,902																
11-1	11/18/1996	10:40	Mid	3.5	1.0	19.71	7.91	6.78	32.73	49,897	0.9	5	1.4	1.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.37	0.37	0.01	0.08	1.6	2.2
11-1	11/18/1996	10:40	Bottom	3.5	3.3	19.67	7.90	6.78	32.73	49,900																
11-2	11/18/1996	10:25	Surface	2.8	0.2	20.12	7.87	6.80	32.42	49,470																
11-2	11/18/1996	10:25	Mid	2.8	1.0	20.05	7.88	6.80	32.54	49,644	0.7	5	1.4	7.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.35	0.35	<0.01	0.07	2.7	1.9
11-2	11/18/1996	10:25	Bottom	2.8	2.6	20.04	7.88	6.78	32.55	49,656																
11-3	11/18/1996	10:00	Surface	4.8	0.2	20.02	7.84	6.96	32.29	49,289																
11-3	11/18/1996	10:00	Mid	4.8	1.0	20.02	7.84	6.92	32.28	49,286	0.8	5	1.8	5.8	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.32	0.33	0.01	0.08	1.0	2.5
11-3	11/18/1996	10:00	Bottom	4.8	4.6	20.00	7.83	6.90	32.28	49,279																
11-3 Rep	11/18/1996	10:10	Surface	4.8	0.2	20.03	7.84	6.96	32.29	49,296																
11-3 Rep	11/18/1996	10:10	Mid	4.8	1.0	20.02	7.84	6.94	32.29	49,290	0.9	5	1.9	5.6	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.33	0.34	0.01	0.08	1.1	2.5
11-3 Rep	11/18/1996	10:10	Bottom	4.8	4.6	20.00	7.83	6.90	32.28	49,283																
11-4	11/18/1996	12:10	Surface	3.3	0.2	20.19	7.89	6.72	32.38	49,416																
11-4	11/18/1996	12:10	Mid	3.3	1.0	20.20	7.89	6.66	32.38	49,410	1.1	5	1.9	5.6	<0.01	<0.01	<0.01	<0.01	0.01	0.04	0.47	0.48	0.01	0.13	2.1	2.0
11-4	11/18/1996	12:10	Bottom	3.3	3.1	20.09	7.88	6.60	32.38	49,421																
11-5	11/18/1996	11:55	Surface	2.3	0.2	20.41	7.87	6.58	32.22	49,213																
11-5	11/18/1996	11:55	Mid	2.3	1.0	20.37	7.87	6.63	32.22	49,206	0.4	5	1.5	6.8	<0.01	<0.01	<0.01	<0.01	0.01	0.04	0.52	0.53	0.01	0.10	2.5	2.0
11-5	11/18/1996	11:55	Bottom	2.3	2.1	20.19	7.88	6.71	32.26	49,249																
13-1	11/19/1996	12:05	Surface	1.8	0.2	21.32	7.63	6.39	31.19	47,800																
13-1	11/19/1996	12:05	Mid	1.8	0.9	21.23	7.63	6.50	31.34	48,010	0.8	5	1.0	10.2	<0.01	0.03	<0.01	0.03	0.03	0.01	0.44	0.47	0.06	0.08	1.6	1.8*
13-1	11/19/1996	12:05	Bottom	1.8	1.6	21.04	7.65	6.63	31.60	48,357																
13-2	11/19/1996	11:50	Surface	2.1	0.2	21.03	7.61	6.86	30.89	47,383																
13-2	11/19/1996	11:50	Mid	2.1	1.0	20.94	7.64	7.02	31.25	47,878	1.1	5	1.0	7.6	<0.01	<0.01	<0.01	<0.01	0.01	0.03	0.60	0.61	0.07	0.08	1.1	2.1*
13-2	11/19/1996	11:50	Bottom	2.1	1.9	20.84	7.70	8.05	31.86	48,707																

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH pH Units	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	turbidity (NTU)	Dissolved TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved horganic (mg/L)	Total O2+N (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
13-3	11/19/1996	11:35	Surface	0.8	0.2	21.33	7.63	6.83	30.54	46,916																
13-3	11/19/1996	11:35	Mid	0.8	0.4	21.33	7.63	6.88	30.54	46,912	1.3	5	1.4	7.0	0.01	0.03	0.01	0.05	0.04	0.02	1.09	1.13	0.08	0.09	1.1	0.8*
13-3	11/19/1996	11:35	Bottom	0.8	0.6	21.35	7.63	6.97	30.55	46,922																
13-4	11/19/1996	11:20	Surface	1.0	0.2	21.12	7.62	6.60	30.46	46,813																
13-4	11/19/1996	11:20	Mid	1.0	0.5	21.10	7.62	6.61	30.46	46,803	1.4	5	1.0	5.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.59	0.59	0.08	0.08	<1.0	1.0*
13-4	11/19/1996	11:20	Bottom	1.0	0.8	21.10	7.62	6.67	30.41	46,730																
13-5	11/19/1996	11:05	Surface	1.1	0.2	21.19	7.64	6.76	30.22	46,468																
13-5	11/19/1996	11:05	Mid	1.1	0.5	21.12	7.64	6.78	30.23	46,477	1.2	5	0.9	5.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.54	0.54	0.08	0.08	1.1	1.1*
13-5	11/19/1996	11:05	Bottom	1.1	0.9	21.11	7.65	6.81	30.23	46,481																
14-1	11/19/1996	10:55	Surface	2.2	0.2	21.31	7.66	6.94	30.01	46,183																
14-1	11/19/1996	10:55	Mid	2.2	1.0	20.93	7.66	7.12	29.95	46,079	1.7	5	0.9	7.2	<0.01	<0.01	0.01	0.01	<0.01	0.01	0.42	0.42	0.08	0.09	<1.0	2.2*
14-1	11/19/1996	10:55	Bottom	2.2	2.0	20.93	7.67	7.24	29.99	46,151																
14-2	11/19/1996	10:45	Surface	1.3	0.2	20.89	7.69	6.96	29.38	45,310																
14-2	11/19/1996	10:45	Mid	1.3	0.6	20.79	7.65	6.68	29.48	45,452	1.4	10	1.1	8.8	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.67	0.69	0.07	0.08	<1.0	1.3*
14-2	11/19/1996	10:45	Bottom	1.3	1.1	20.95	7.72	8.29	29.55	45,547																
14-3	11/19/1996	10:35	Surface	1.6	0.2	21.03	7.67	6.39	29.23	45,102																
14-3	11/19/1996	10:35	Mid	1.6	0.8	20.76	7.64	6.35	29.36	45,270	1.3	10	1.1	4.4	<0.01	0.01	0.01	0.02	0.01	0.01	0.44	0.45	0.07	0.07	1.1	1.6*
14-3	11/19/1996	10:35	Bottom	1.6	1.4	21.35	7.63	6.25	29.61	45,634																
14-4	11/19/1996	10:20	Surface	2.1	0.2	20.88	7.65	5.89	29.81	45,898																
14-4	11/19/1996	10:20	Mid	2.1	1.0	20.73	7.64	5.82	29.85	45,954	1.5	15	2.4	7.6	<0.01	0.01	0.02	0.03	0.01	0.03	0.86	0.87	0.07	0.07	<1.0	2.1*
14-4	11/19/1996	10:20	Bottom	2.1	1.9	20.74	7.63	5.80	29.85	45,960																
14-5	11/19/1996	10:00	Surface	1.6	0.2	20.89	7.62	6.46	29.98	46,134																
14-5	11/19/1996	10:00	Mid	1.6	0.8	20.82	7.61	6.62	30.02	46,193	1.8	10	1.3	5.2	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.39	0.41	0.07	0.07	1.1	1.6*
14-5	11/19/1996	10:00	Bottom	1.6	1.4	20.88	7.61	6.55	30.11	46,304																
14-5 Rep	11/19/1996	10:05	Surface	1.6	0.2	20.86	7.63	6.47	29.99	46,141																
14-5 Rep	11/19/1996	10:05	Mid	1.6	0.8	20.82	7.61	6.60	30.01	46,198	1.7	10	1.4	5.2	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.41	0.42	0.07	0.07	1.1	1.6*
14-5 Rep	11/19/1996	10:05	Bottom	1.6	1.4	20.87	7.61	6.54	30.11	46,301																
16-1	11/20/1996	12:15	Surface	2.1	0.2	22.05	7.66	6.26	30.74	47,198																
16-1	11/20/1996	12:15	Mid	2.1	1.0	21.86	7.65	6.34	30.82	47,308	1.3	5	1.8	5.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.60	0.60	0.07	0.07	3.2	2.1*
16-1	11/20/1996	12:15	Bottom	2.1	1.9	21.80	7.66	6.34	30.90	47,422																
16-2	11/20/1996	12:00	Surface	1.6	0.2	22.00	7.63	6.05	31.11	47,702																
16-2	11/20/1996	12:00	Mid	1.6	0.8	21.96	7.63	6.06	31.16	47,774	1.4	5	1.4	13.4	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.51	0.52	0.06	0.07	2.0	1.6*
16-2	11/20/1996	12:00	Bottom	1.6	1.4	21.92	7.64	6.07	31.18	47,795																
16-3	11/20/1996	11:50	Surface	2.0	0.2	21.94	7.61	6.26	31.47	48,195																
16-3	11/20/1996	11:50	Mid	2.0	1.0	21.36	7.62	6.50	31.76	48,575	1.2	5	1.4	4.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.56	0.56	0.06	0.07	2.1	2.0*
16-3	11/20/1996	11:50	Bottom	2.0	1.8	21.09	7.63	6.55	31.93	48,819																
16-4	11/20/1996	11:40	Surface	1.9	0.2	21.52	7.59	6.16	31.88	48,754																
16-4	11/20/1996	11:40	Mid	1.9	0.9	21.40	7.59	6.22	31.91	48,795	0.9	5	1.5	3.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.43	0.43	0.07	0.08	2.1	1.9*
16-4	11/20/1996	11:40	Bottom	1.9	1.7	21.43	7.59	6.25	31.90	48,777																
16-5	11/20/1996	11:30	Surface	2.0	0.2	20.81	7.59	6.63	32.10	49,071																
16-5	11/20/1996	11:30	Mid	2.0	1.0	20.61	7.59	6.86	32.23	49,215	1.0	5	1.7	4.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.83	0.83	0.05	0.07	1.6	2.0*
16-5	11/20/1996	11:30	Bottom	2.0	1.8	20.61	7.59	6.91	32.23	49,219																
LB-1	11/20/1996	10:50	Surface	2.2	0.2	21.77	7.41	6.09	30.89	47,399																
LB-1	11/20/1996	10:50	Mid	2.2	1.0	21.70	7.42	6.09	30.90	47,412	1.1	10	1.6	4.0	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.19	0.20	0.08	0.10	4.3	2.2*
LB-1	11/20/1996	10:50	Bottom	2.2	2.0	21.53	7.42	6.08	30.92	47,433																
LB-2	11/20/1996	10:40	Surface	1.1	0.2	22.07	7.43	6.46	30.83	47,324																
LB-2	11/20/1996	10:40	Mid	1.1	0.5	22.02	7.45	6.60	30.84	47,333	1.6	15	3.3	2.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.52	0.52	0.10	0.14	3.2	1.1*
LB-2	11/20/1996	10:40	Bottom	1.1	0.9	21.97	7.48	6.64	30.85	47,339																
LB-3	11/20/1996	10:25	Surface	1.6	0.2	22.19	7.69	7.34	28.97	44,749																
LB-3	11/20/1996	10:25	Mid	1.6	0.8	21.87	7.71	7.41	28.99	44,787	2.4	20	1.5	8.6	<0.01	<0.01	0.01	0.01	<0.01	0.01	0.49	0.49	0.08	0.11	2.1	1.6*
LB-3	11/20/1996	10:25	Bottom	1.6	1.4	22.36	7.53	5.48	29.86	46,010																
LB-4	11/20/1996	10:15	Surface	2.3	0.2	22.06	7.70	6.69	28.86	44,598																
LB-4	11/20/1996	10:15	Mid	2.3	1.0	22.00	7.70	6.58	28.87	44,619	2.2	15	1.5	3.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.44	0.44	0.11	0.11	4.5	2.3*
LB-4	11/20/1996	10:15	Bottom	2.3	2.1	22.21	7.47	5.35	30.25	46,520																

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH pH Units	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	turbidity (NTU)	Dissolved TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved organic (mg/L)	Total O2+N (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
LB-5	11/20/1996	10:00	Surface	1.0	0.2	21.78	7.75	6.93	29.55	45,555																
LB-5	11/20/1996	10:00	Mid	1.0	0.5	21.79	7.75	7.00	29.55	45,544	1.8	15	1.4	8.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.40	0.40	0.09	0.11	2.6	1.0*
LB-5	11/20/1996	10:00	Bottom	1.0	0.8	21.79	7.74	6.95	29.54	45,541																
LB-5 Rep	11/20/1996	10:05	Surface	1.0	0.2	21.79	7.74	6.89	29.55	45,551																
LB-5 Rep	11/20/1996	10:05	Mid	1.0	0.5	21.79	7.75	6.98	29.55	45,551	1.7	15	1.3	8.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.41	0.41	0.08	0.11	2.7	1.0*
LB-5 Rep	11/20/1996	10:05	Bottom	1.0	0.8	21.79	7.75	6.97	29.55	45,544																
ML-1	11/21/1996	10:50	Surface	2.4	0.2	21.98	6.81	6.32	3.86	6,999																
ML-1	11/21/1996	10:50	Mid	2.4	1.0	21.95	6.80	6.22	3.98	7,193	1.1	100	1.2	0.2	<0.01	0.01	0.02	0.03	0.02	0.03	1.15	1.17	0.26	0.28	2.1	1.5
ML-1	11/21/1996	10:50	Bottom	2.4	2.2	21.68	6.77	6.21	4.13	7,478																
ML-2	11/21/1996	10:40	Surface	1.1	0.2	22.19	6.88	6.45	5.04	9,000																
ML-2	11/21/1996	10:40	Mid	1.1	0.5	21.90	6.88	6.47	5.12	9,123	1.0	120	1.2	1.8	<0.01	0.01	0.02	0.03	0.02	0.02	1.16	1.18	0.20	0.26	1.1	1.1*
ML-2	11/21/1996	10:40	Bottom	1.1	0.9	21.87	6.90	6.49	5.14	9,156																
ML-3	11/21/1996	10:30	Surface	1.1	0.2	22.01	6.89	6.47	5.45	9,688																
ML-3	11/21/1996	10:30	Mid	1.1	0.5	21.92	6.89	6.42	5.53	9,812	0.9	100	1.4	2.0	<0.01	0.02	0.01	0.03	0.02	0.03	1.24	1.26	0.21	0.26	2.3	1.1*
ML-3	11/21/1996	10:30	Bottom	1.1	0.9	21.70	6.88	6.44	6.01	10,589																
ML-4	11/21/1996	10:15	Surface	1.3	0.2	21.83	6.87	6.58	6.61	11,574																
ML-4	11/21/1996	10:15	Mid	1.3	0.6	21.86	6.87	6.62	6.61	11,584	1.2	100	1.7	3.0	<0.01	0.01	0.04	0.05	0.02	0.06	0.84	0.86	0.21	0.25	2.7	1.3*
ML-4	11/21/1996	10:15	Bottom	1.3	1.1	21.91	6.86	6.64	6.61	11,577																
ML-5	11/21/1996	10:00	Surface	1.4	0.2	21.86	6.77	6.71	9.10	15,552																
ML-5	11/21/1996	10:00	Mid	1.4	0.7	21.83	6.75	6.65	9.49	16,183	1.7	90	1.8	3.4	<0.01	0.01	0.02	0.03	0.01	0.06	0.93	0.94	0.22	0.25	5.7	1.4*
ML-5	11/21/1996	10:00	Bottom	1.4	1.2	21.80	6.71	6.62	9.42	16,041																
ML-5 Rep	11/21/1996	10:05	Surface	1.4	0.2	21.86	6.77	6.71	9.08	15,537																
ML-5 Rep	11/21/1996	10:05	Mid	1.4	0.7	21.84	6.76	6.66	9.52	16,212	1.7	90	1.8	3.2	<0.01	0.01	0.02	0.03	0.01	0.05	0.94	0.95	0.22	0.26	5.6	1.4*
ML-5 Rep	11/21/1996	10:05	Bottom	1.4	1.2	21.81	6.72	6.62	9.44	16,093																
MU-1	11/21/1996	12:15	Surface	1.8	0.2	21.54	6.89	6.30	0.17	360																
MU-1	11/21/1996	12:15	Mid	1.8	0.9	21.36	6.88	6.30	0.17	356	0.8	140	0.9	0.2	<0.01	0.04	<0.01	0.04	0.06	<0.01	1.40	1.46	0.22	0.26	<1.0	1.5
MU-1	11/21/1996	12:15	Bottom	1.8	1.6	21.34	6.87	6.31	0.18	365																
MU-2	11/21/1996	11:45	Surface	2.5	0.2	21.40	7.02	6.61	0.20	431																
MU-2	11/21/1996	11:45	Mid	2.5	1.0	21.27	7.02	6.63	0.21	420	0.6	120	0.8	0.2	<0.01	0.07	<0.01	0.07	0.08	<0.01	1.27	1.35	0.24	0.31	<1.0	1.5
MU-2	11/21/1996	11:45	Bottom	2.5	2.3	21.21	7.01	6.65	0.20	423																
MU-3	11/21/1996	11:35	Surface	3.7	0.2	21.49	7.05	7.03	0.22	463																
MU-3	11/21/1996	11:35	Mid	3.7	1.0	21.43	7.04	6.97	0.22	465	0.8	140	0.9	0.2	<0.01	0.08	<0.01	0.08	0.08	<0.01	1.39	1.47	0.26	0.32	1.8	1.5
MU-3	11/21/1996	11:35	Bottom	3.7	3.5	21.34	7.02	6.93	0.23	476																
MU-4	11/21/1996	11:20	Surface	1.1	0.2	21.60	6.87	6.59	0.97	1,907																
MU-4	11/21/1996	11:20	Mid	1.1	0.5	21.59	6.87	6.60	0.96	1,893	0.8	140	1.1	0.8	<0.01	0.04	<0.01	0.04	0.05	0.04	1.44	1.49	0.26	0.32	3.2	1.1*
MU-4	11/21/1996	11:20	Bottom	1.1	0.9	21.58	6.87	6.63	0.96	1,885																
MU-5	11/21/1996	11:05	Surface	3.1	0.2	21.73	6.79	6.30	2.32	4,362																
MU-5	11/21/1996	11:05	Mid	3.1	1.0	21.54	6.76	6.23	2.64	4,900	1.0	140	1.3	0.2	<0.01	0.01	0.02	0.03	0.03	0.04	2.09	2.12	0.29	0.32	<1.0	1.3
MU-5	11/21/1996	11:05	Bottom	3.1	2.9	21.41	6.75	6.22	2.70	5,022																
Equip Blank	11/18/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	<0.01	0.01	<1.0	NA
Equip Blank	11/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	11/20/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	<0.01	0.01	<1.0	NA
Equip Blank	11/21/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
10-1	12/9/1996	10:40	Surface	3.0	0.2	18.33	7.72	6.98	31.66	48,472																
10-1	12/9/1996	10:40	Mid	3.0	1.0	18.34	7.71	6.98	31.67	48,440	0.8	5	1.2	9.6	<0.01	<0.01	0.07	0.07	<0.01	0.09	0.84	0.84	0.08	0.12	<1.0	3.0*
10-1	12/9/1996	10:40	Bottom	3.0	2.8	18.35	7.71	7.00	31.67	48,447																
10-2	12/9/1996	11:10	Surface	2.9	0.2	18.55	7.74	7.20	30.88	47,362																
10-2	12/9/1996	11:10	Mid	2.9	1.0	18.54	7.74	7.24	30.88	47,364	0.8	5	1.3	17.2	<0.01	<0.01	0.04	0.04	<0.01	0.04	0.37	0.37	0.08	0.12	3.7	1.2
10-2	12/9/1996	11:10	Bottom	2.9	2.7	18.51	7.73	7.24	30.88	47,355																
10-3	12/9/1996	10:50	Surface	5.4	0.2	18.89	7.72	7.20	30.91	47,408																
10-3	12/9/1996	10:50	Mid	5.4	1.0	18.89	7.72	7.19	30.92	47,420	0.8	5	5.2	37.6	<0.01	<0.01	0.03	0.03	<0.01	0.03	0.42	0.42	0.07	0.12	3.7	0.8
10-3	12/9/1996	10:50	Bottom	5.4	5.2	18.88	7.71	7.19	30.94	47,441																
10-4	12/9/1996	11:30	Surface	3.8	0.2	18.28	7.73	6.89	31.27	47,893																

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH pH Units	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	turbidity (NTU)	Dissolved TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved organic (mg/L)	Total O2+N (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
10-4	12/9/1996	11:30	Mid	3.8	1.0	18.28	7.73	6.92	31.27	47,895	1.0	5	1.4	10.8	<0.01	<0.01	0.03	0.03	<0.01	0.04	0.42	0.42	0.07	0.10	2.1	1.7
10-4	12/9/1996	11:30	Bottom	3.8	3.6	18.27	7.74	6.96	31.27	47,897																
10-5	12/9/1996	11:55	Surface	2.2	0.2	18.47	7.72	6.76	30.98	47,504																
10-5	12/9/1996	11:55	Mid	2.2	1.0	18.48	7.72	6.76	30.99	47,518	1.1	5	4.2	31.8	<0.01	<0.01	0.03	0.03	<0.01	0.03	0.35	0.35	0.08	0.12	1.6	1.1
10-5	12/9/1996	11:55	Bottom	2.2	2.0	18.48	7.71	6.77	30.99	57,510																
10-5 Rep	12/9/1996	12:00	Surface	2.2	0.2	18.48	7.72	6.74	30.98	47,500																
10-5 Rep	12/9/1996	12:00	Mid	2.2	1.0	18.48	7.72	6.75	31.00	47,517	1.0	5	3.9	31.6	<0.01	<0.01	0.03	0.03	<0.01	0.03	0.35	0.35	0.09	0.13	1.6	1.1
10-5 Rep	12/9/1996	12:00	Bottom	2.2	2.0	18.48	7.71	6.77	30.96	47,462																
11-1	12/9/1996	10:20	Surface	2.7	0.2	18.25	7.71	6.93	31.28	47,906																
11-1	12/9/1996	10:20	Mid	2.7	1.0	18.25	7.71	6.89	31.28	47,913	1.0	5	1.3	11.8	<0.01	<0.01	0.02	0.02	<0.01	0.02	0.86	0.86	0.06	0.13	2.1	2.2
11-1	12/9/1996	10:20	Bottom	2.7	2.5	18.27	7.71	6.81	31.29	47,922																
11-2	12/9/1996	10:00	Surface	2.6	0.2	18.56	7.68	6.63	30.80	47,249																
11-2	12/9/1996	10:00	Mid	2.6	1.0	18.56	7.68	6.59	30.81	47,257	1.1	5	3.9	31.0	<0.01	0.02	0.03	0.05	0.02	0.04	0.63	0.65	0.06	0.14	3.2	1.2
11-2	12/9/1996	10:00	Bottom	2.6	2.4	18.56	7.69	6.64	30.81	47,271																
11-3	12/9/1996	13:00	Surface	2.8	0.2	18.74	7.75	6.76	30.04	46,208																
11-3	12/9/1996	13:00	Mid	2.8	1.0	18.70	7.75	6.82	30.11	46,318	1.1	5	2.1	15.6	<0.01	<0.01	0.02	0.02	<0.01	0.03	0.60	0.60	0.06	0.15	2.7	1.0
11-3	12/9/1996	13:00	Bottom	2.8	2.6	18.65	7.73	6.66	30.69	47,095																
11-4	12/9/1996	12:40	Surface	3.9	0.2	18.48	7.75	6.98	30.69	47,102																
11-4	12/9/1996	12:40	Mid	3.9	1.0	18.47	7.74	7.04	30.69	47,102	1.1	5	1.7	14.2	<0.01	<0.01	0.02	0.02	<0.01	0.04	0.89	0.89	0.06	0.12	2.1	2.0
11-4	12/9/1996	12:40	Bottom	3.9	3.7	18.36	7.73	6.82	30.74	47,175																
11-5	12/9/1996	12:10	Surface	2.7	0.2	18.48	7.74	6.95	30.65	47,058																
11-5	12/9/1996	12:10	Mid	2.7	1.0	18.47	7.73	6.97	30.64	47,011	0.8	5	1.6	13.6	<0.01	<0.01	0.08	0.08	<0.01	0.09	0.42	0.42	0.01	0.09	2.7	1.5
11-5	12/9/1996	12:10	Bottom	2.7	2.5	18.48	7.73	6.94	30.71	47,120																
13-1	12/10/1996	13:30	Surface	1.6	0.2	17.79	7.74	7.11	30.01	46,159																
13-1	12/10/1996	13:30	Mid	1.6	0.8	17.77	7.75	7.23	30.32	46,592	0.7	5	0.9	15.2	<0.01	<0.01	0.02	0.02	<0.01	0.04	0.42	0.42	0.08	0.09	2.7	1.6*
13-1	12/10/1996	13:30	Bottom	1.6	1.4	17.76	7.80	7.04	30.49	46,835																
13-2	12/10/1996	13:20	Surface	1.4	0.2	17.63	7.74	7.18	30.03	46,191																
13-2	12/10/1996	13:20	Mid	1.4	0.7	17.65	7.76	7.14	30.02	46,175	0.5	5	2.0	4.6	<0.01	<0.01	0.02	0.02	<0.01	0.03	0.52	0.52	0.09	0.09	1.1	1.4*
13-2	12/10/1996	13:20	Bottom	1.4	1.2	17.65	7.78	6.96	30.01	46,166																
13-3	12/10/1996	13:10	Surface	1.5	0.2	17.90	7.75	7.80	27.80	43,089																
13-3	12/10/1996	13:10	Mid	1.5	0.7	17.80	7.77	7.87	28.04	43,419	0.7	5	0.9	5.6	<0.01	<0.01	0.02	0.02	<0.01	0.04	0.88	0.88	0.10	0.12	3.2	1.5*
13-3	12/10/1996	13:10	Bottom	1.5	1.3	17.81	7.78	7.94	28.11	43,524																
13-4	12/10/1996	12:50	Surface	1.9	0.2	17.75	7.63	7.66	27.04	41,975																
13-4	12/10/1996	12:50	Mid	1.9	0.9	17.68	7.54	7.35	27.31	42,409	0.5	15	1.5	9.2	0.01	0.04	0.06	0.11	0.05	0.07	0.25	0.30	0.14	0.14	1.1	1.9*
13-4	12/10/1996	12:50	Bottom	1.9	1.7	17.66	7.46	7.30	27.31	42,409																
13-5	12/10/1996	12:30	Surface	3.6	0.2	17.41	7.69	6.99	25.55	40,000																
13-5	12/10/1996	12:30	Mid	3.6	1.0	17.21	7.69	6.85	27.01	42,017	0.3	15	0.9	9.6	0.01	0.02	0.02	0.05	0.04	0.05	0.54	0.58	0.13	0.15	1.0	2.5
13-5	12/10/1996	12:30	Bottom	3.6	3.4	17.18	7.68	6.81	27.15	42,189																
14-1	12/10/1996	12:00	Surface	1.8	0.2	17.54	7.74	7.39	27.02	42,003																
14-1	12/10/1996	12:00	Mid	1.8	0.9	17.47	7.74	7.31	27.02	42,004	0.9	10	1.0	6.6	<0.01	0.01	0.01	0.02	0.01	0.02	0.41	0.42	0.12	0.12	4.5	1.7
14-1	12/10/1996	12:00	Bottom	1.8	1.6	17.50	7.73	7.42	27.03	42,018																
14-1 Rep	12/10/1996	12:05	Surface	1.8	0.2	17.54	7.74	7.41	27.02	42,005																
14-1 Rep	12/10/1996	12:05	Mid	1.8	0.9	17.47	7.74	7.33	27.02	42,004	0.8	10	1.2	6.8	<0.01	0.01	0.02	0.03	0.01	0.02	0.39	0.40	0.14	0.15	4.3	1.7
14-1 Rep	12/10/1996	12:05	Bottom	1.8	1.6	17.50	7.73	7.33	27.03	42,015																
14-2	12/10/1996	11:50	Surface	1.7	0.2	17.46	7.72	7.31	26.90	41,830																
14-2	12/10/1996	11:50	Mid	1.7	0.8	17.44	7.71	7.32	26.89	41,822	0.8	10	0.7	20.8	<0.01	0.01	0.02	0.03	0.01	0.02	0.45	0.46	0.13	0.14	2.7	1.7*
14-2	12/10/1996	11:50	Bottom	1.7	1.5	17.44	7.70	7.27	26.88	41,815																
14-3	12/10/1996	11:30	Surface	2.8	0.2	17.12	7.80	6.90	27.28	42,366																
14-3	12/10/1996	11:30	Mid	2.8	1.0	17.07	7.79	6.73	27.37	42,491	1.4	15	1.2	34.2	<0.01	0.01	0.01	0.02	0.01	0.01	0.66	0.67	0.13	0.15	6.9	1.3
14-3	12/10/1996	11:30	Bottom	2.8	2.6	16.81	7.77	6.64	27.38	42,512																
14-4	12/10/1996	11:10	Surface	1.4	0.2	17.00	7.82	7.67	27.45	42,611																
14-4	12/10/1996	11:10	Mid	1.4	0.7	16.99	7.82	7.56	27.45	42,603	1.5	10	1.7	22.4	<0.01	0.01	0.01	0.02	0.01	0.01	0.82	0.83	0.13	0.20	5.9	1.4*
14-4	12/10/1996	11:10	Bottom	1.4	1.2	16.99	7.81	7.45	27.44	42,594																
14-5	12/10/1996	10:40	Surface	2.2	0.2	16.78	7.76	6.79	27.91	43,253																

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH pH Units	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	Dissolved TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Organic (mg/L)	Total O2+N (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chlorophyll (µg/L)	Secchi Depth (m)
14-5	12/10/1996	10:40	Mid	2.2	1.0	16.78	7.76	6.82	27.90	43,249	1.2	10	0.8	23.6	<0.01	0.01	0.01	0.02	0.01	0.03	0.95	0.96	0.14	0.16	6.4	1.8
14-5	12/10/1996	10:40	Bottom	2.2	2.0	16.78	7.76	6.65	27.90	43,244																
16-1	12/11/1996	13:15	Surface	3.0	0.2	19.08	7.74	7.17	31.42	48,091																
16-1	12/11/1996	13:15	Mid	3.0	1.0	18.99	7.74	7.13	31.45	48,149	1.9	10	1.0	29.8	<0.01	<0.01	0.03	0.03	<0.01	0.03	0.44	0.44	0.06	0.17	4.3	2.2
16-1	12/11/1996	13:15	Bottom	3.0	2.8	18.94	7.75	7.05	31.46	48,152																
16-2	12/11/1996	13:00	Surface	1.5	0.2	18.90	7.74	7.17	31.40	48,075																
16-2	12/11/1996	13:00	Mid	1.5	0.7	18.90	7.76	7.22	31.40	48,069	1.7	10	1.1	21.2	<0.01	<0.01	0.03	0.03	<0.01	0.04	0.66	0.66	0.06	0.14	3.7	1.5*
16-2	12/11/1996	13:00	Bottom	1.5	1.3	18.92	7.79	7.28	31.36	48,019																
16-3	12/11/1996	12:50	Surface	1.8	0.2	18.14	7.79	7.05	29.58	45,569																
16-3	12/11/1996	12:50	Mid	1.8	0.9	18.10	7.79	7.03	29.66	45,667	1.8	5	0.7	11.0	<0.01	<0.01	0.04	0.04	<0.01	0.04	0.54	0.54	0.07	0.11	4.3	1.6
16-3	12/11/1996	12:50	Bottom	1.8	1.6	18.08	7.81	7.03	29.68	45,710																
16-4	12/11/1996	12:40	Surface	1.6	0.2	17.82	7.75	7.13	29.27	45,138																
16-4	12/11/1996	12:40	Mid	1.6	0.8	17.82	7.76	7.08	29.26	45,127	1.6	5	1.1	13.8	<0.01	<0.01	0.04	0.04	<0.01	0.05	0.73	0.73	0.07	0.10	1.1	1.6*
16-4	12/11/1996	12:40	Bottom	1.6	1.4	17.80	7.77	6.99	29.26	45,130																
16-5	12/11/1996	12:30	Surface	1.1	0.2	17.73	7.76	7.10	29.09	44,887																
16-5	12/11/1996	12:30	Mid	1.1	0.5	17.72	7.77	7.09	29.07	44,867	1.6	5	1.1	15.2	<0.01	<0.01	0.04	0.04	<0.01	0.05	0.44	0.44	0.08	0.10	1.1	1.1*
16-5	12/11/1996	12:30	Bottom	1.1	0.9	17.72	7.83	7.13	29.07	44,867																
LB-1	12/11/1996	11:30	Surface	1.1	0.2	17.73	7.57	6.13	27.58	42,787																
LB-1	12/11/1996	11:30	Mid	1.1	0.5	17.70	7.58	6.07	27.59	42,799	1.3	15	0.5	14.8	<0.01	0.01	0.03	0.04	0.01	0.03	0.87	0.88	0.13	0.18	1.1	1.1*
LB-1	12/11/1996	11:30	Bottom	1.1	0.9	17.63	7.59	6.34	27.59	42,805																
LB-2	12/11/1996	11:15	Surface	2.9	0.2	17.29	7.62	6.35	27.97	43,338																
LB-2	12/11/1996	11:15	Mid	2.9	1.0	17.31	7.62	6.30	27.98	43,345	1.8	15	0.4	20.4	<0.01	<0.01	0.06	0.06	<0.01	0.06	0.65	0.65	0.14	0.19	3.2	2.0
LB-2	12/11/1996	11:15	Bottom	2.9	2.7	17.24	7.63	6.29	27.99	43,367																
LB-3	12/11/1996	11:00	Surface	1.6	0.2	17.23	7.66	6.42	28.32	43,819																
LB-3	12/11/1996	11:00	Mid	1.6	0.8	17.23	7.67	6.37	28.32	43,823	2.0	15	0.4	7.6	<0.01	<0.01	0.04	0.04	<0.01	0.05	0.70	0.70	0.14	0.20	1.6	1.6*
LB-3	12/11/1996	11:00	Bottom	1.6	1.4	17.54	7.73	6.34	28.87	44,594																
LB-4	12/11/1996	10:45	Surface	1.6	0.2	17.09	7.71	6.83	29.15	44,986																
LB-4	12/11/1996	10:45	Mid	1.6	0.8	17.10	7.72	6.72	29.17	45,010	2.0	10	0.3	8.2	<0.01	<0.01	0.06	0.06	<0.01	0.06	0.56	0.56	0.14	0.16	2.7	1.6*
LB-4	12/11/1996	10:45	Bottom	1.6	1.4	17.05	7.76	6.67	29.26	45,130																
LB-5	12/11/1996	10:20	Surface	1.6	0.2	17.22	7.75	6.54	30.44	46,763																
LB-5	12/11/1996	10:20	Mid	1.6	0.8	16.95	7.74	6.55	30.54	46,902	1.3	5	0.3	2.8	<0.01	<0.01	0.03	0.03	<0.01	0.05	0.66	0.66	0.13	0.13	1.1	1.6*
LB-5	12/11/1996	10:20	Bottom	1.6	1.4	16.96	7.73	6.50	30.53	46,887																
LB-5 Rep	12/11/1996	10:25	Surface	1.6	0.2	17.23	7.76	6.57	30.44	46,768																
LB-5 Rep	12/11/1996	10:25	Mid	1.6	0.8	16.95	7.74	6.52	30.54	46,907	1.5	5	0.3	2.8	<0.01	<0.01	0.03	0.03	<0.01	0.05	0.68	0.68	0.13	0.14	1.1	1.6*
LB-5 Rep	12/11/1996	10:25	Bottom	1.6	1.4	16.96	7.74	6.61	30.53	46,896																
ML-1	12/12/1996	12:05	Surface	2.3	0.2	19.35	7.21	7.82	7.32	12,704																
ML-1	12/12/1996	12:05	Mid	2.3	1.0	19.45	7.24	7.09	7.71	13,321	1.2	80	0.4	5.8	<0.01	<0.01	0.02	0.02	<0.01	0.02	1.21	1.21	0.14	0.29	5.9	1.5
ML-1	12/12/1996	12:05	Bottom	2.3	2.1	19.59	7.32	8.15	9.10	15,546																
ML-2	12/12/1996	11:55	Surface	1.4	0.2	19.44	7.23	8.01	8.30	14,267																
ML-2	12/12/1996	11:55	Mid	1.4	0.7	19.31	7.23	7.97	8.42	14,456	1.2	90	0.3	3.8	<0.01	0.02	0.02	0.04	0.02	0.02	1.20	1.22	0.13	0.16	4.3	1.4*
ML-2	12/12/1996	11:55	Bottom	1.4	1.2	19.31	7.25	8.02	8.42	14,466																
ML-3	12/12/1996	11:40	Surface	0.7	0.2	20.23	7.36	8.42	10.09	17,093																
ML-3	12/12/1996	11:40	Mid	0.7	0.3	20.21	7.37	8.66	10.29	17,361	1.2	90	0.4	6.8	<0.01	<0.01	0.01	0.01	<0.01	0.02	1.25	1.25	0.14	0.17	4.8	0.7*
ML-3	12/12/1996	11:40	Bottom	0.7	0.5	20.15	7.38	8.61	10.71	18,061																
ML-4	12/12/1996	11:25	Surface	4.4	0.2	19.35	7.26	8.09	9.24	15,766																
ML-4	12/12/1996	11:25	Mid	4.4	1.0	19.39	7.28	8.11	9.48	16,190	0.9	90	0.4	1.8	<0.01	<0.01	0.02	0.02	<0.01	0.02	1.20	1.20	0.12	0.16	1.6	1.8
ML-4	12/12/1996	11:25	Bottom	4.4	4.2	19.36	7.28	7.90	11.43	19,187																
ML-5	12/12/1996	11:00	Surface	1.0	0.2	19.36	7.28	8.21	10.78	18,166																
ML-5	12/12/1996	11:00	Mid	1.0	0.5	19.35	7.28	8.28	10.81	18,211	1.6	80	0.4	3.8	<0.01	<0.01	0.01	0.01	<0.01	0.01	0.65	0.65	0.14	0.18	4.8	1.0*
ML-5	12/12/1996	11:00	Bottom	1.0	0.8	19.36	7.28	8.28	10.84	18,254																
MU-1	12/12/1996	13:45	Surface	1.7	0.2	18.72	7.16	7.33	0.17	357																
MU-1	12/12/1996	13:45	Mid	1.7	0.8	18.68	7.17	7.35	0.17	355	0.6	100	0.5	1.0	<0.01	0.03	0.03	0.06	0.07	0.03	1.20	1.27	0.18	0.26	1.6	1.2
MU-1	12/12/1996	13:45	Bottom	1.7	1.5	18.68	7.23	7.38	0.17	357																
MU-2	12/12/1996	13:30	Surface	1.3	0.2	18.90	7.27	7.54	0.20	421																

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January Through December 1996.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH pH Units	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	turbidity (NTU)	Dissolved TSS (mg/L)	NO2 (mg/L)	NO3 (mg/L)	NH3 (mg/L)	horganic (mg/L)	Dissolved O2+NO (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
MU-2	12/12/1996	13:30	Mid	1.3	0.6	18.89	7.29	7.57	0.20	424	0.7	120	0.4	2.0	<0.01	0.02	0.04	0.06	0.04	0.06	0.35	0.39	0.21	0.25	2.1	1.3*
MU-2	12/12/1996	13:30	Bottom	1.3	1.1	18.88	7.34	7.67	0.20	420																
MU-3	12/12/1996	13:10	Surface	0.9	0.2	19.57	7.44	8.57	0.81	1,598																
MU-3	12/12/1996	13:10	Mid	0.9	0.4	19.57	7.44	8.59	0.81	1,608	0.7	120	0.6	2.0	<0.01	0.02	0.11	0.13	0.02	0.13	0.35	0.37	0.22	0.25	1.1	0.9*
MU-3	12/12/1996	13:10	Bottom	0.9	0.7	19.56	7.48	8.60	0.82	1,625																
MU-4	12/12/1996	12:45	Surface	2.2	0.2	19.58	7.36	8.61	2.39	4,471																
MU-4	12/12/1996	12:45	Mid	2.2	1.0	19.59	7.38	8.62	2.42	4,525	1.3	100	0.4	3.0	<0.01	0.04	0.08	0.12	0.07	0.08	0.36	0.43	0.18	0.20	3.2	1.2
MU-4	12/12/1996	12:45	Bottom	2.2	2.0	19.61	7.38	8.62	2.55	4,750																
MU-5	12/12/1996	12:20	Surface	2.9	0.2	19.48	7.26	8.02	4.75	8,510																
MU-5	12/12/1996	12:20	Mid	2.9	1.0	19.42	7.17	7.98	4.87	8,692	1.3	90	0.4	2.8	<0.01	0.04	0.04	0.08	0.04	0.06	1.29	1.33	0.16	0.26	3.7	1.4
MU-5	12/12/1996	12:20	Bottom	2.9	2.7	19.43	7.18	7.96	5.05	8,989																
MU-5 Rep	12/12/1996	12:25	Surface	2.9	0.2	19.48	7.27	8.12	4.73	8,477																
MU-5 Rep	12/12/1996	12:25	Mid	2.9	1.0	19.41	7.15	7.97	4.89	8,731	1.3	90	0.4	3.3	<0.01	0.04	0.04	0.08	0.04	0.06	1.31	1.35	0.18	0.28	3.4	1.4
MU-5 Rep	12/12/1996	12:25	Bottom	2.9	2.7	19.44	7.18	7.94	5.05	8,990																
Equip Blank	12/9/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<1.0	NA
Equip Blank	12/10/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	12/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.02	<0.01	0.01	<1.0	NA
Equip Blank	12/12/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductivity (µS/cm)
10-1	1/22/1996	6:50	Surface	1.5	0.2	15.87	7.84	8.32	28.93	44,687
10-1	1/22/1996	6:50	Mid	1.5	0.7	15.87	7.85	8.31	28.92	44,675
10-1	1/22/1996	6:50	Bottom	1.5	1.3	15.86	7.85	8.36	27.96	43,391
10-2	1/22/1996	6:23	Surface	1.3	0.2	15.52	7.76	8.34	29.54	45,547
10-2	1/22/1996	6:23	Mid	1.3	0.6	15.52	7.78	8.37	29.56	45,576
10-2	1/22/1996	6:23	Bottom	1.3	1.1	15.53	7.82	8.45	29.56	45,580
10-3	1/22/1996	6:35	Surface	3.1	0.2	15.65	7.82	8.27	29.18	45,031
10-3	1/22/1996	6:35	Mid	3.1	1.0	15.65	7.82	8.32	29.11	44,941
10-3	1/22/1996	6:35	Bottom	3.1	2.9	15.67	7.84	8.27	29.06	44,882
10-4	1/22/1996	6:10	Surface	1.4	0.2	15.30	7.50	7.36	29.72	45,801
10-4	1/22/1996	6:10	Mid	1.4	0.7	15.30	7.50	7.28	29.76	45,858
10-4	1/22/1996	6:10	Bottom	1.4	1.2	15.29	7.48	5.88	29.84	45,962
10-5	1/22/1996	6:00	Surface	4.3	0.2	15.68	7.70	8.01	29.44	45,398
10-5	1/22/1996	6:00	Mid	4.3	1.0	15.67	7.70	7.99	29.46	45,429
10-5	1/22/1996	6:00	Bottom	4.3	4.1	15.56	7.70	8.00	29.53	45,536
11-1	1/22/1996	7:00	Surface	2.5	0.2	15.83	7.79	8.24	29.25	45,138
11-1	1/22/1996	7:00	Mid	2.5	1.0	15.83	7.79	8.22	29.26	45,153
11-1	1/22/1996	7:00	Bottom	2.5	2.3	15.81	7.80	8.21	29.54	45,269
11-2	1/22/1996	7:10	Surface	2.6	0.2	15.74	7.73	8.25	29.36	45,284
11-2	1/22/1996	7:10	Mid	2.6	1.0	15.75	7.76	8.25	29.36	45,293
11-2	1/22/1996	7:10	Bottom	2.6	2.4	15.74	7.76	8.28	29.36	45,292
11-3	1/22/1996	5:25	Surface	2.1	0.2	15.75	7.64	8.08	29.61	45,633
11-3	1/22/1996	5:25	Mid	2.1	1.0	15.75	7.65	8.10	29.62	45,648
11-3	1/22/1996	5:25	Bottom	2.1	1.9	15.76	7.66	8.14	29.63	45,672
11-4	1/22/1996	5:35	Surface	1.5	0.2	15.63	7.64	7.99	29.53	45,530
11-4	1/22/1996	5:35	Mid	1.5	0.7	15.63	7.63	7.95	29.53	45,533
11-4	1/22/1996	5:35	Bottom	1.5	1.3	15.66	7.62	7.98	27.44	42,707
11-5	1/22/1996	5:44	Surface	1.8	0.2	15.79	7.65	7.78	28.26	43,761
11-5	1/22/1996	5:44	Mid	1.8	0.9	15.90	7.65	7.56	28.42	43,977
11-5	1/22/1996	5:44	Bottom	1.8	1.6	15.84	7.62	7.52	28.81	44,536
13-1	1/23/1996	5:50	Surface	1.7	0.2	16.55	7.73	8.30	26.02	40,609
13-1	1/23/1996	5:50	Mid	1.7	0.8	16.49	7.71	8.02	27.91	43,266
13-1	1/23/1996	5:50	Bottom	1.7	1.5	16.24	7.69	7.56	29.19	45,052
13-2	1/23/1996	6:00	Surface	1.3	0.2	16.61	7.65	8.03	25.69	40,141
13-2	1/23/1996	6:00	Mid	1.3	0.6	16.62	7.65	7.98	25.80	40,314
13-2	1/23/1996	6:00	Bottom	1.3	1.1	16.42	7.65	8.01	28.21	43,688
13-3	1/23/1996	6:10	Surface	2.6	0.2	16.88	7.67	8.08	25.00	39,161
13-3	1/23/1996	6:10	Mid	2.6	1.0	16.88	7.67	8.09	25.04	39,210
13-3	1/23/1996	6:10	Bottom	2.6	2.4	16.87	7.66	8.12	25.21	39,460
13-4	1/23/1996	6:20	Surface	3.7	0.2	16.93	7.68	7.97	24.22	38,058
13-4	1/23/1996	6:20	Mid	3.7	1.0	16.93	7.67	7.94	24.22	38,055
13-4	1/23/1996	6:20	Bottom	3.7	3.5	16.92	7.65	7.89	24.25	38,093
13-5	1/23/1996	6:40	Surface	1.7	0.2	16.97	7.71	8.10	24.12	37,911
13-5	1/23/1996	6:40	Mid	1.7	0.8	17.00	7.71	8.08	24.13	37,921
13-5	1/23/1996	6:40	Bottom	1.7	1.5	17.04	7.70	8.08	24.20	38,017
14-1	1/23/1996	6:45	Surface	1.9	0.2	17.07	7.72	8.15	23.74	37,361
14-1	1/23/1996	6:45	Mid	1.9	0.9	17.08	7.71	8.10	23.75	37,375
14-1	1/23/1996	6:45	Bottom	1.9	1.7	17.09	7.69	8.03	23.79	37,450
14-2	1/23/1996	6:50	Surface	1.7	0.2	16.96	7.72	8.17	23.84	37,511

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductivity (µS/cm)
14-2	1/23/1996	6:50	Mid	1.7	0.8	16.94	7.72	8.16	23.84	37,516
14-2	1/23/1996	6:50	Bottom	1.7	1.5	16.92	7.72	8.11	23.87	37,550
14-3	1/23/1996	7:00	Surface	1.4	0.2	16.54	7.72	7.20	23.33	36,788
14-3	1/23/1996	7:00	Mid	1.4	0.7	16.56	7.72	7.15	23.35	36,825
14-3	1/23/1996	7:00	Bottom	1.4	1.2	16.85	7.69	7.05	23.57	37,209
14-4	1/23/1996	7:05	Surface	1.3	0.2	16.65	7.75	8.01	24.37	38,279
14-4	1/23/1996	7:05	Mid	1.3	0.6	16.78	7.73	7.98	24.48	38,442
14-4	1/23/1996	7:05	Bottom	1.3	1.1	16.74	7.73	8.02	24.52	38,482
14-5	1/23/1996	7:15	Surface	1.3	0.2	16.73	7.72	7.80	25.10	39,304
14-5	1/23/1996	7:15	Mid	1.3	0.6	16.74	7.71	7.79	25.11	39,322
14-5	1/23/1996	7:15	Bottom	1.3	1.1	16.74	7.70	7.80	25.19	39,429
16-1	1/24/1996	5:40	Surface	2.8	0.2	17.68	7.54	7.69	27.56	42,760
16-1	1/24/1996	5:40	Mid	2.8	1.0	17.64	7.54	7.82	27.83	43,147
16-1	1/24/1996	5:40	Bottom	2.8	2.6	17.13	7.60	7.92	29.96	46,098
16-2	1/24/1996	5:50	Surface	0.8	0.2	17.35	7.50	7.33	28.31	43,805
16-2	1/24/1996	5:50	Mid	0.8	0.4	17.23	7.50	7.35	28.95	44,695
16-2	1/24/1996	5:50	Bottom	0.8	0.6	17.14	7.51	7.42	29.11	44,939
16-3	1/24/1996	6:00	Surface	1.5	0.2	16.98	7.57	7.88	29.84	45,937
16-3	1/24/1996	6:00	Mid	1.5	0.7	16.73	7.58	7.97	30.41	46,726
16-3	1/24/1996	6:00	Bottom	1.5	1.3	16.61	7.58	8.04	30.62	47,025
16-4	1/24/1996	6:15	Surface	3.8	0.2	16.55	7.59	7.81	30.50	46,853
16-4	1/24/1996	6:15	Mid	3.8	1.0	16.53	7.59	7.88	30.60	47,996
16-4	1/24/1996	6:15	Bottom	3.8	3.6	16.44	7.60	7.93	30.89	47,397
16-5	1/24/1996	6:25	Surface	1.5	0.2	16.32	7.59	7.50	30.89	47,397
16-5	1/24/1996	6:25	Mid	1.5	0.7	16.33	7.59	7.50	30.92	47,438
16-5	1/24/1996	6:25	Bottom	1.5	1.3	16.31	7.58	7.59	30.91	47,432
LB-1	1/24/1996	6:45	Surface	1.0	0.2	17.71	7.38	7.37	22.82	36,054
LB-1	1/24/1996	6:45	Mid	1.0	0.5	17.68	7.38	7.36	22.45	36,234
LB-1	1/24/1996	6:45	Bottom	1.0	0.8	17.63	7.38	7.33	23.10	36,447
LB-2	1/24/1996	6:55	Surface	1.6	0.2	18.18	7.41	7.41	22.28	35,273
LB-2	1/24/1996	6:55	Mid	1.6	0.8	18.19	7.41	7.41	22.31	35,321
LB-2	1/24/1996	6:55	Bottom	1.6	1.4	18.18	7.42	7.42	33.34	35,359
LB-3	1/24/1996	7:05	Surface	1.1	0.2	18.32	7.51	7.39	22.89	36,152
LB-3	1/24/1996	7:05	Mid	1.1	0.5	18.35	7.50	7.24	22.89	36,158
LB-3	1/24/1996	7:05	Bottom	1.1	0.9	18.46	7.47	7.19	22.89	36,338
LB-4	1/24/1996	7:20	Surface	1.3	0.2	18.41	7.71	8.27	23.98	37,702
LB-4	1/24/1996	7:20	Mid	1.3	0.6	18.43	7.70	7.84	23.99	37,727
LB-4	1/24/1996	7:20	Bottom	1.3	1.1	18.42	7.69	6.71	24.68	38,696
LB-5	1/24/1996	7:25	Surface	1.8	0.2	17.92	7.69	7.59	26.10	40,704
LB-5	1/24/1996	7:25	Mid	1.8	0.9	18.08	7.69	7.26	26.68	41,512
LB-5	1/24/1996	7:25	Bottom	1.8	1.6	18.17	7.63	7.09	28.16	43,603
ML-1	1/25/1996	6:35	Surface	1.4	0.2	20.45	7.02	7.75	0.83	1,632
ML-1	1/25/1996	6:35	Mid	1.4	0.7	20.43	7.04	7.76	0.82	1,623
ML-1	1/25/1996	6:35	Bottom	1.4	1.2	20.41	7.09	7.80	0.82	1,624
ML-2	1/25/1996	6:45	Surface	1.4	0.2	20.50	7.06	7.93	0.77	1,530
ML-2	1/25/1996	6:45	Mid	1.4	0.7	20.54	7.03	7.51	1.06	2,083
ML-2	1/25/1996	6:45	Bottom	1.4	1.2	20.55	7.03	7.59	0.85	1,714
ML-3	1/25/1996	6:55	Surface	2.1	0.2	20.46	7.07	7.47	1.27	2,449
ML-3	1/25/1996	6:55	Mid	2.1	1.0	20.57	7.05	7.40	1.41	2,717

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductance (µS/cm)
ML-3	1/25/1996	6:55	Bottom	2.1	1.9	20.63	7.03	7.40	1.56	2,988
ML-4	1/25/1996	7:05	Surface	2.7	0.2	20.31	7.06	7.35	2.12	3,989
ML-4	1/25/1996	7:05	Mid	2.7	1.0	20.34	7.06	7.35	2.12	3,940
ML-4	1/25/1996	7:05	Bottom	2.7	2.5	20.65	7.03	7.31	2.34	4,480
ML-5	1/25/1996	7:15	Surface	2.1	0.2	20.31	7.08	7.34	3.70	6,738
ML-5	1/25/1996	7:15	Mid	2.1	1.0	20.35	7.05	7.26	3.71	6,760
ML-5	1/25/1996	7:15	Bottom	2.1	1.9	20.40	7.05	7.25	4.65	8,343
MU-1	1/25/1996	5:35	Surface	1.3	0.2	19.33	6.79	7.50	0.15	306
MU-1	1/25/1996	5:35	Mid	1.3	0.6	19.33	6.80	7.49	0.15	304
MU-1	1/25/1996	5:35	Bottom	1.3	1.1	19.29	6.81	7.52	0.15	306
MU-2	1/25/1996	5:45	Surface	0.8	0.2	19.06	6.76	7.41	0.15	311
MU-2	1/25/1996	5:45	Mid	0.8	0.4	19.08	6.76	7.39	0.14	308
MU-2	1/25/1996	5:45	Bottom	0.8	0.6	19.08	6.76	7.38	0.15	306
MU-3	1/25/1996	6:00	Surface	1.4	0.2	19.06	6.80	7.40	0.15	317
MU-3	1/25/1996	6:00	Mid	1.4	0.7	19.08	6.80	7.39	0.15	318
MU-3	1/25/1996	6:00	Bottom	1.4	1.2	19.10	6.82	7.40	0.16	325
MU-4	1/25/1996	6:10	Surface	1.1	0.2	19.25	6.85	7.50	0.16	333
MU-4	1/25/1996	6:10	Mid	1.1	0.5	19.28	6.85	7.47	0.16	324
MU-4	1/25/1996	6:10	Bottom	1.1	0.9	19.30	6.84	7.42	0.16	326
MU-5	1/25/1996	6:20	Surface	1.4	0.2	19.58	6.87	7.50	0.19	386
MU-5	1/25/1996	6:20	Mid	1.4	0.7	19.61	6.87	7.48	0.19	385
MU-5	1/25/1996	6:20	Bottom	1.4	1.2	19.66	6.86	7.45	0.19	393
10-1	2/15/1996	5:55	Surface	2.7	0.2	15.27	7.59	8.28	30.41	46,753
10-1	2/15/1996	5:55	Mid	2.7	1.0	15.28	7.62	8.31	30.41	46,754
10-1	2/15/1996	5:55	Bottom	2.7	2.5	15.28	7.67	8.35	30.41	46,755
10-2	2/15/1996	6:00	Surface	1.0	0.2	15.61	7.56	7.93	30.64	47,060
10-2	2/15/1996	6:00	Mid	1.0	0.5	15.61	7.56	7.91	30.63	47,062
10-2	2/15/1996	6:00	Bottom	1.0	0.8	15.61	7.56	7.84	30.63	47,056
10-3	2/15/1996	7:10	Surface	2.1	0.2	15.09	7.64	8.13	30.65	47,094
10-3	2/15/1996	7:10	Mid	2.1	1.0	15.09	7.64	8.11	30.65	47,093
10-3	2/15/1996	7:10	Bottom	2.1	1.9	15.01	7.64	8.04	30.65	47,092
10-4	2/15/1996	6:10	Surface	4.4	0.2	15.34	7.58	7.86	30.54	46,927
10-4	2/15/1996	6:10	Mid	4.4	1.0	15.34	7.57	7.84	30.54	46,940
10-4	2/15/1996	6:10	Bottom	4.4	4.2	15.33	7.58	7.78	30.58	46,991
10-5	2/15/1996	6:20	Surface	4.5	0.2	15.43	7.59	7.88	30.39	46,724
10-5	2/15/1996	6:20	Mid	4.5	1.0	15.43	7.59	7.87	30.42	46,769
10-5	2/15/1996	6:20	Bottom	4.5	4.3	15.42	7.58	7.78	30.44	46,793
11-1	2/15/1996	5:40	Surface	2.9	0.2	15.64	7.53	8.20	30.01	46,196
11-1	2/15/1996	5:40	Mid	2.9	1.0	15.62	7.52	8.18	30.03	46,287
11-1	2/15/1996	5:40	Bottom	2.9	2.7	15.57	7.52	8.19	30.08	46,302
11-2	2/15/1996	5:30	Surface	2.6	0.2	15.31	7.54	8.40	30.45	46,811
11-2	2/15/1996	5:30	Mid	2.6	1.0	15.32	7.57	8.42	30.45	46,811
11-2	2/15/1996	5:30	Bottom	2.6	2.4	15.32	7.63	8.48	30.45	46,810
11-3	2/15/1996	6:50	Surface	2.7	0.2	15.56	7.65	8.01	30.19	46,445
11-3	2/15/1996	6:50	Mid	2.7	1.0	15.57	7.65	7.47	30.19	46,442
11-3	2/15/1996	6:50	Bottom	2.7	2.5	15.57	7.65	7.87	30.19	46,449
11-4	2/15/1996	6:40	Surface	1.1	0.2	15.66	7.62	7.87	29.98	46,146
11-4	2/15/1996	6:40	Mid	1.1	0.5	15.66	7.62	7.83	29.98	46,149
11-4	2/15/1996	6:40	Bottom	1.1	0.9	15.66	7.63	7.68	29.98	46,146

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductance (µS/cm)
11-5	2/15/1996	6:30	Surface	2.1	0.2	15.88	7.62	7.87	28.97	44,750
11-5	2/15/1996	6:30	Mid	2.1	1.0	15.81	7.62	7.77	29.39	45,343
11-5	2/15/1996	6:30	Bottom	2.1	1.9	15.66	7.62	7.67	30.13	46,358
13-1	2/14/1996	5:50	Surface	0.8	0.2	14.68	7.51	8.13	27.79	43,108
13-1	2/14/1996	5:50	Mid	0.8	0.4	14.83	7.50	7.96	28.25	43,756
13-1	2/14/1996	5:50	Bottom	0.8	0.6	14.90	7.50	7.91	28.31	43,853
13-2	2/14/1996	6:05	Surface	1.2	0.2	14.90	7.54	8.21	25.90	40,494
13-2	2/14/1996	6:05	Mid	1.2	0.6	15.37	7.52	7.92	27.12	42,172
13-2	2/14/1996	6:05	Bottom	1.2	1.0	15.26	7.46	7.24	29.00	44,804
13-3	2/14/1996	6:20	Surface	2.6	0.2	15.08	7.56	7.78	26.92	41,884
13-3	2/14/1996	6:20	Mid	2.6	1.0	14.99	7.54	7.71	27.05	42,095
13-3	2/14/1996	6:20	Bottom	2.6	2.4	14.85	7.53	7.71	27.12	42,185
13-4	2/14/1996	6:30	Surface	4.0	0.2	15.27	7.55	7.88	26.77	41,687
13-4	2/14/1996	6:30	Mid	4.0	1.0	15.28	7.54	7.82	26.78	41,695
13-4	2/14/1996	6:30	Bottom	4.0	3.8	15.26	7.52	7.76	26.77	41,680
13-5	2/14/1996	6:40	Surface	3.8	0.2	15.24	7.61	8.12	26.41	41,174
13-5	2/14/1996	6:40	Mid	3.8	1.0	15.52	7.60	7.89	26.51	41,327
13-5	2/14/1996	6:40	Bottom	3.8	3.6	16.15	7.50	6.73	28.45	44,014
14-1	2/14/1996	6:50	Surface	2.3	0.2	14.97	7.64	8.21	26.19	40,866
14-1	2/14/1996	6:50	Mid	2.3	1.0	14.98	7.62	8.12	26.19	40,877
14-1	2/14/1996	6:50	Bottom	2.3	2.1	14.99	7.60	8.07	26.28	41,003
14-2	2/14/1996	7:00	Surface	0.9	0.2	13.87	7.63	7.89	24.92	39,129
14-2	2/14/1996	7:00	Mid	0.9	0.4	14.38	7.62	7.77	25.36	39,720
14-2	2/14/1996	7:00	Bottom	0.9	0.7	14.80	7.60	7.57	25.94	40,520
14-3	2/14/1996	7:10	Surface	3.4	0.2	13.50	7.63	7.75	25.37	39,760
14-3	2/14/1996	7:10	Mid	3.4	1.0	14.51	7.62	7.64	25.74	40,269
14-3	2/14/1996	7:10	Bottom	3.4	3.2	14.70	7.61	7.54	25.82	40,361
14-4	2/14/1996	7:20	Surface	1.3	0.2	15.03	7.64	7.65	25.65	40,107
14-4	2/14/1996	7:20	Mid	1.3	0.6	15.04	7.63	7.61	25.65	40,109
14-4	2/14/1996	7:20	Bottom	1.3	1.1	15.02	7.61	7.55	25.65	40,114
14-5	2/14/1996	7:30	Surface	3.7	0.2	14.88	7.67	7.44	25.76	40,266
14-5	2/14/1996	7:30	Mid	3.7	1.0	14.91	7.67	7.42	25.76	40,272
14-5	2/14/1996	7:30	Bottom	3.7	3.5	14.93	7.64	7.38	25.77	40,685
16-1	2/13/1996	5:30	Surface	2.4	0.2	15.96	7.45	7.42	25.17	39,398
16-1	2/13/1996	5:30	Mid	2.4	1.0	16.16	7.48	7.29	26.16	40,812
16-1	2/13/1996	5:30	Bottom	2.4	2.2	15.92	7.48	7.30	26.16	40,803
16-2	2/13/1996	6:05	Surface	2.7	0.2	15.07	7.51	6.95	25.61	40,050
16-2	2/13/1996	6:05	Mid	2.7	1.0	15.30	7.51	6.91	25.61	40,041
16-2	2/13/1996	6:05	Bottom	2.7	2.5	15.02	7.51	6.96	25.77	40,283
16-3	2/13/1996	6:15	Surface	1.3	0.2	15.90	7.62	7.52	26.59	41,417
16-3	2/13/1996	6:15	Mid	1.3	0.6	15.60	7.65	7.52	26.64	41,501
16-3	2/13/1996	6:15	Bottom	1.3	1.1	15.63	7.73	7.56	26.55	41,501
16-4	2/13/1996	6:30	Surface	3.0	0.2	16.11	7.57	7.28	26.51	41,304
16-4	2/13/1996	6:30	Mid	3.0	1.0	16.12	7.56	7.26	26.51	41,299
16-4	2/13/1996	6:30	Bottom	3.0	2.8	16.12	7.56	7.28	26.51	41,305
16-5	2/13/1996	6:40	Surface	1.7	0.2	16.24	7.59	7.23	26.61	41,435
16-5	2/13/1996	6:40	Mid	1.7	0.8	16.23	7.57	7.20	26.61	41,442
16-5	2/13/1996	6:40	Bottom	1.7	1.5	16.21	7.55	7.13	26.61	41,439
LB-1	2/13/1996	7:20	Surface	2.4	0.2	16.17	7.40	7.06	26.83	41,743

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductance (µS/cm)
LB-1	2/13/1996	7:20	Mid	2.4	1.0	16.49	7.45	7.03	27.02	42,026
LB-1	2/13/1996	7:20	Bottom	2.4	2.2	16.61	7.57	7.04	27.09	42,115
LB-2	2/13/1996	7:30	Surface	1.1	0.2	14.48	7.39	7.24	25.19	38,965
LB-2	2/13/1996	7:30	Mid	1.1	0.5	15.63	7.40	6.95	26.86	41,810
LB-2	2/13/1996	7:30	Bottom	1.1	0.9	14.68	7.47	7.02	26.81	41,705
LB-3	2/13/1996	7:45	Surface	1.3	0.2	15.73	7.36	6.42	26.22	40,925
LB-3	2/13/1996	7:45	Mid	1.3	0.6	15.71	7.35	6.37	26.24	40,931
LB-3	2/13/1996	7:45	Bottom	1.3	1.1	15.87	7.31	6.35	26.26	40,954
LB-4	2/13/1996	7:55	Surface	0.8	0.2	15.08	7.39	6.73	26.62	41,479
LB-4	2/13/1996	7:55	Mid	0.8	0.4	15.05	7.38	6.73	26.63	41,486
LB-4	2/13/1996	7:55	Bottom	0.8	0.6	15.03	7.37	6.76	26.63	41,483
LB-5	2/13/1996	8:10	Surface	1.4	0.2	15.98	7.42	6.38	26.70	41,570
LB-5	2/13/1996	8:10	Mid	1.4	0.7	15.97	7.41	6.39	26.71	41,590
LB-5	2/13/1996	8:10	Bottom	1.4	1.2	16.01	7.40	6.40	26.72	41,591
ML-1	2/12/1996	6:55	Surface	1.7	0.2	18.47	6.99	8.10	0.30	613
ML-1	2/12/1996	6:55	Mid	1.7	0.8	18.49	6.93	8.05	0.30	616
ML-1	2/12/1996	6:55	Bottom	1.7	1.5	18.48	6.92	8.03	0.30	617
ML-2	2/12/1996	7:05	Surface	2.9	0.2	19.01	7.00	7.89	1.21	2,338
ML-2	2/12/1996	7:05	Mid	2.9	1.0	19.03	6.99	7.90	1.20	2,327
ML-2	2/12/1996	7:05	Bottom	2.9	2.7	19.38	6.96	7.77	1.95	3,692
ML-3	2/12/1996	7:20	Surface	1.0	0.2	19.29	7.03	7.84	1.61	3,081
ML-3	2/12/1996	7:20	Mid	1.0	0.5	19.35	7.02	7.85	1.62	3,095
ML-3	2/12/1996	7:20	Bottom	1.0	0.8	19.50	7.00	7.78	1.70	3,234
ML-4	2/12/1996	7:30	Surface	1.9	0.2	19.27	7.08	7.99	2.26	4,236
ML-4	2/12/1996	7:30	Mid	1.9	0.9	19.24	7.08	7.98	2.26	4,238
ML-4	2/12/1996	7:30	Bottom	1.9	1.7	19.23	7.12	8.02	2.26	4,232
ML-5	2/12/1996	7:45	Surface	1.5	0.2	18.95	7.08	7.98	3.45	6,301
ML-5	2/12/1996	7:45	Mid	1.5	0.7	18.99	7.08	7.96	3.45	6,301
ML-5	2/12/1996	7:45	Bottom	1.5	1.3	19.05	7.06	7.94	3.46	6,322
MU-1	2/12/1996	5:30	Surface	0.6	0.2	18.76	6.71	7.38	0.15	309
MU-1	2/12/1996	5:30	Mid	0.6	0.3	18.75	6.73	7.39	0.15	310
MU-1	2/12/1996	5:30	Bottom	0.6	0.4	18.78	6.75	7.38	0.15	309
MU-2	2/12/1996	5:40	Surface	1.3	0.2	18.43	6.70	7.46	0.15	318
MU-2	2/12/1996	5:40	Mid	1.3	0.6	18.43	6.68	7.46	0.15	319
MU-2	2/12/1996	5:40	Bottom	1.3	1.1	18.43	6.70	7.44	0.15	315
MU-3	2/12/1996	6:00	Surface	1.3	0.2	17.88	6.79	7.79	0.16	336
MU-3	2/12/1996	6:00	Mid	1.3	0.6	17.91	6.80	7.79	0.16	334
MU-3	2/12/1996	6:00	Bottom	1.3	1.1	17.91	6.81	7.81	0.16	337
MU-4	2/12/1996	6:15	Surface	0.9	0.2	17.81	6.83	7.82	0.17	347
MU-4	2/12/1996	6:15	Mid	0.9	0.4	17.82	6.83	7.82	0.17	348
MU-4	2/12/1996	6:15	Bottom	0.9	0.7	17.83	6.83	7.80	0.17	349
MU-5	2/12/1996	6:40	Surface	1.3	0.2	18.08	6.92	8.04	0.21	431
MU-5	2/12/1996	6:40	Mid	1.3	0.6	18.06	6.93	8.10	0.21	434
MU-5	2/12/1996	6:40	Bottom	1.3	1.1	18.10	6.94	8.12	0.21	434
10-1	3/22/1996	6:20	Surface	3.2	0.2	15.76	7.69	7.61	30.24	46,501
10-1	3/22/1996	6:20	Mid	3.2	1.0	15.77	7.69	7.61	30.24	46,505
10-1	3/22/1996	6:20	Bottom	3.2	3.0	15.77	7.68	7.60	30.24	46,512
10-2	3/22/1996	6:50	Surface	2.6	0.2	15.29	7.74	7.39	30.38	46,713
10-2	3/22/1996	6:50	Mid	2.6	1.0	15.30	7.74	7.37	30.38	46,714

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductance (µS/cm)
10-2	3/22/1996	6:50	Bottom	2.6	2.4	15.31	7.80	7.37	30.38	46,716
10-3	3/22/1996	6:35	Surface	1.9	0.2	15.04	7.67	7.85	30.20	46,468
10-3	3/22/1996	6:35	Mid	1.9	0.9	15.05	7.66	7.84	30.20	46,464
10-3	3/22/1996	6:35	Bottom	1.9	1.7	15.06	7.66	7.77	30.20	46,475
10-4	3/22/1996	7:05	Surface	3.7	0.2	15.06	7.69	7.19	30.63	47,074
10-4	3/22/1996	7:05	Mid	3.7	1.0	14.89	7.68	6.87	30.63	47,068
10-4	3/22/1996	7:05	Bottom	3.7	3.5	14.50	7.65	6.83	30.77	47,282
10-5	3/22/1996	7:10	Surface	1.7	0.2	15.54	7.72	7.44	30.63	47,049
10-5	3/22/1996	7:10	Mid	1.7	0.8	15.55	7.72	7.43	30.63	47,056
10-5	3/22/1996	7:10	Bottom	1.7	1.5	15.59	7.71	7.41	30.62	47,045
11-1	3/22/1996	6:05	Surface	3.3	0.2	15.98	7.68	7.75	30.35	46,603
11-1	3/22/1996	6:05	Mid	3.3	1.0	15.99	7.66	7.73	30.36	46,669
11-1	3/22/1996	6:05	Bottom	3.3	3.1	16.00	7.65	7.74	30.36	46,666
11-2	3/22/1996	5:50	Surface	3.1	0.2	15.51	7.58	7.64	30.41	46,755
11-2	3/22/1996	5:50	Mid	3.1	1.0	15.52	7.59	7.65	30.41	46,754
11-2	3/22/1996	5:50	Bottom	3.1	2.9	15.53	7.61	7.66	30.42	46,761
11-3	3/22/1996	7:40	Surface	2.5	0.2	15.45	7.75	7.40	30.45	46,802
11-3	3/22/1996	7:40	Mid	2.5	1.0	15.46	7.75	7.38	30.45	46,807
11-3	3/22/1996	7:40	Bottom	2.5	2.3	15.47	7.73	7.36	30.46	46,820
11-4	3/22/1996	7:30	Surface	3.6	0.2	15.66	7.75	7.39	30.25	46,533
11-4	3/22/1996	7:30	Mid	3.6	1.0	15.70	7.76	7.28	30.27	46,558
11-4	3/22/1996	7:30	Bottom	3.6	3.4	15.69	7.73	7.17	30.29	46,590
11-5	3/22/1996	7:20	Surface	2.1	0.2	15.54	7.73	7.34	30.40	46,854
11-5	3/22/1996	7:20	Mid	2.1	1.0	15.56	7.72	7.27	30.44	46,864
11-5	3/22/1996	7:20	Bottom	2.1	1.9	15.55	7.70	7.31	30.52	46,913
13-1	3/21/1996	6:00	Surface	0.6	0.2	15.91	7.54	7.57	30.67	47,099
13-1	3/21/1996	6:00	Mid	0.6	0.3	15.93	7.56	7.59	30.67	47,101
13-1	3/21/1996	6:00	Bottom	0.6	0.4	15.94	7.58	7.61	30.67	47,105
13-2	3/21/1996	6:15	Surface	1.4	0.2	15.48	7.42	7.13	28.67	40,939
13-2	3/21/1996	6:15	Mid	1.4	0.7	15.45	7.46	7.05	29.09	44,887
13-2	3/21/1996	6:15	Bottom	1.4	1.2	15.52	7.46	7.06	30.16	46,387
13-3	3/21/1996	6:25	Surface	1.4	0.2	15.91	7.53	7.09	30.05	46,247
13-3	3/21/1996	6:25	Mid	1.4	0.7	15.92	7.51	7.07	30.06	46,252
13-3	3/21/1996	6:25	Bottom	1.4	1.2	15.93	7.47	7.10	30.08	46,282
13-4	3/21/1996	6:35	Surface	2.1	0.2	16.33	7.56	7.03	29.92	46,058
13-4	3/21/1996	6:35	Mid	2.1	1.0	16.34	7.55	7.02	29.92	46,060
13-4	3/21/1996	6:35	Bottom	2.1	1.9	16.35	7.54	7.02	29.92	46,061
13-5	3/21/1996	6:50	Surface	1.5	0.2	15.24	7.58	7.18	29.44	45,409
13-5	3/21/1996	6:50	Mid	1.5	0.7	15.22	7.57	7.18	29.42	45,381
13-5	3/21/1996	6:50	Bottom	1.5	1.3	15.30	7.57	7.12	29.47	45,455
14-1	3/21/1996	7:00	Surface	1.5	0.2	16.25	7.62	7.23	28.53	44,129
14-1	3/21/1996	7:00	Mid	1.5	0.7	16.25	7.61	7.16	28.54	44,140
14-1	3/21/1996	7:00	Bottom	1.5	1.3	16.30	7.56	7.21	28.51	44,116
14-2	3/21/1996	7:10	Surface	1.1	0.2	15.51	7.65	7.13	27.09	42,125
14-2	3/21/1996	7:10	Mid	1.1	0.5	15.62	7.63	7.12	27.09	42,125
14-2	3/21/1996	7:10	Bottom	1.1	0.9	15.56	7.62	7.15	27.11	42,151
14-3	3/21/1996	7:20	Surface	1.1	0.2	14.07	7.63	7.33	27.18	42,298
14-3	3/21/1996	7:20	Mid	1.1	0.5	14.07	7.62	7.31	27.19	42,300
14-3	3/21/1996	7:20	Bottom	1.1	0.9	13.91	7.61	7.34	27.20	42,327

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductivity (µS/cm)
14-4	3/21/1996	7:30	Surface	1.4	0.2	14.84	7.61	7.66	26.91	41,872
14-4	3/21/1996	7:30	Mid	1.4	0.7	15.65	7.65	7.47	27.31	42,440
14-4	3/21/1996	7:30	Bottom	1.4	1.2	15.64	7.63	7.44	27.36	42,502
14-5	3/21/1996	7:40	Surface	1.3	0.2	15.67	7.69	7.53	27.21	42,296
14-5	3/21/1996	7:40	Mid	1.3	0.6	15.67	7.67	7.52	27.22	42,299
14-5	3/21/1996	7:40	Bottom	1.3	1.1	15.66	7.65	7.56	27.21	42,291
16-1	3/19/1996	6:20	Surface	4.4	0.2	21.10	7.54	6.68	29.93	46,062
16-1	3/19/1996	6:20	Mid	4.4	1.0	21.12	7.54	6.65	29.93	46,072
16-1	3/19/1996	6:20	Bottom	4.4	4.2	21.12	7.53	6.65	29.94	46,088
16-2	3/19/1996	6:30	Surface	1.6	0.2	20.46	7.56	6.39	30.76	47,206
16-2	3/19/1996	6:30	Mid	1.6	0.8	20.45	7.57	6.37	30.78	47,235
16-2	3/19/1996	6:30	Bottom	1.6	1.4	20.44	7.60	6.33	30.81	47,265
16-3	3/19/1996	6:40	Surface	1.3	0.2	20.44	7.65	6.75	30.77	47,213
16-3	3/19/1996	6:40	Mid	1.3	0.6	20.45	7.65	6.74	30.77	47,207
16-3	3/19/1996	6:40	Bottom	1.3	1.1	20.49	7.66	6.74	30.75	47,182
16-4	3/19/1996	6:55	Surface	1.8	0.2	20.14	7.67	6.91	30.97	47,486
16-4	3/19/1996	6:55	Mid	1.8	0.9	20.13	7.67	6.93	30.97	47,493
16-4	3/19/1996	6:55	Bottom	1.8	1.6	20.15	7.65	6.97	30.97	47,486
16-5	3/19/1996	7:05	Surface	3.4	0.2	20.03	7.70	6.90	31.04	47,578
16-5	3/19/1996	7:05	Mid	3.4	1.0	20.04	7.70	6.91	31.03	47,573
16-5	3/19/1996	7:05	Bottom	3.4	3.2	20.06	7.69	6.93	31.03	47,573
LB-1	3/19/1996	7:40	Surface	3.4	0.2	22.02	7.58	5.95	28.30	43,820
LB-1	3/19/1996	7:40	Mid	3.4	1.0	22.04	7.57	5.91	28.30	43,826
LB-1	3/19/1996	7:40	Bottom	3.4	3.2	21.44	7.56	5.91	28.31	43,833
LB-2	3/19/1996	7:50	Surface	1.3	0.2	21.86	7.62	6.09	28.43	44,001
LB-2	3/19/1996	7:50	Mid	1.3	0.6	21.86	7.63	6.08	28.43	44,004
LB-2	3/19/1996	7:50	Bottom	1.3	1.1	21.88	7.63	6.10	28.43	44,007
LB-3	3/19/1996	8:05	Surface	1.5	0.2	21.82	7.66	6.39	28.96	44,737
LB-3	3/19/1996	8:05	Mid	1.5	0.7	21.82	7.65	6.39	28.96	44,740
LB-3	3/19/1996	8:05	Bottom	1.5	1.3	21.81	7.64	6.38	28.97	44,753
LB-4	3/19/1996	8:20	Surface	1.3	0.2	21.06	7.66	6.55	28.71	44,389
LB-4	3/19/1996	8:20	Mid	1.3	0.6	21.04	7.66	6.54	28.71	44,380
LB-4	3/19/1996	8:20	Bottom	1.3	1.1	21.04	7.65	6.55	28.72	44,392
LB-5	3/19/1996	8:40	Surface	1.8	0.2	21.58	7.74	6.53	28.91	44,656
LB-5	3/19/1996	8:40	Mid	1.8	0.9	21.54	7.73	6.50	28.91	44,654
LB-5	3/19/1996	8:40	Bottom	1.8	1.6	21.58	7.71	6.49	28.92	44,675
ML-1	3/18/1996	7:20	Surface	2.2	0.2	21.80	7.23	7.61	4.84	8,663
ML-1	3/18/1996	7:20	Mid	2.2	1.0	21.80	7.23	7.56	4.95	8,858
ML-1	3/18/1996	7:20	Bottom	2.2	2.0	21.80	7.24	7.56	5.00	8,933
ML-2	3/18/1996	7:10	Surface	1.5	0.2	21.90	7.32	7.61	6.71	11,738
ML-2	3/18/1996	7:10	Mid	1.5	0.7	21.90	7.31	7.59	6.59	12,036
ML-2	3/18/1996	7:10	Bottom	1.5	1.3	21.90	7.32	7.59	6.95	12,129
ML-3	3/18/1996	7:30	Surface	1.8	0.2	21.80	7.37	7.57	7.86	13,583
ML-3	3/18/1996	7:30	Mid	1.8	0.9	21.80	7.36	7.56	7.91	13,665
ML-3	3/18/1996	7:30	Bottom	1.8	1.6	21.80	7.36	7.52	7.97	13,756
ML-4	3/18/1996	7:40	Surface	1.5	0.2	21.80	7.40	7.40	8.85	15,161
ML-4	3/18/1996	7:40	Mid	1.5	0.7	21.90	7.38	7.38	8.89	15,232
ML-4	3/18/1996	7:40	Bottom	1.5	1.3	21.90	7.39	7.38	8.96	15,344
ML-5	3/18/1996	7:50	Surface	1.3	0.2	21.70	7.38	7.11	11.19	18,830

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conductivity
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)
ML-5	3/18/1996	7:50	Mid	1.3	0.6	21.70	7.37	7.10	11.20	18,837
ML-5	3/18/1996	7:50	Bottom	1.3	1.1	21.70	7.36	7.10	11.20	18,650
MU-1	3/18/1996	6:00	Surface	0.7	0.2	20.50	6.94	7.77	0.17	366
MU-1	3/18/1996	6:00	Mid	0.7	0.3	20.60	6.96	7.82	0.17	365
MU-1	3/18/1996	6:00	Bottom	0.7	0.5	20.60	7.00	7.88	0.17	370
MU-2	3/18/1996	6:15	Surface	2.1	0.2	21.20	7.15	8.61	0.25	528
MU-2	3/18/1996	6:15	Mid	2.1	1.0	21.20	7.15	8.59	0.26	537
MU-2	3/18/1996	6:15	Bottom	2.1	1.9	21.20	7.15	8.58	0.26	542
MU-3	3/18/1996	6:30	Surface	1.9	0.2	21.50	7.19	8.32	0.71	1,423
MU-3	3/18/1996	6:30	Mid	1.9	0.9	21.50	7.20	8.31	0.73	1,458
MU-3	3/18/1996	6:30	Bottom	1.9	1.7	21.50	7.22	8.30	0.73	1,456
MU-4	3/18/1996	6:45	Surface	1.3	0.2	21.70	7.12	7.79	1.88	3,557
MU-4	3/18/1996	6:45	Mid	1.3	0.6	21.70	7.12	7.78	1.93	3,664
MU-4	3/18/1996	6:45	Bottom	1.3	1.1	21.70	7.14	7.76	2.00	3,790
MU-5	3/18/1996	7:00	Surface	2.8	0.2	21.80	7.20	7.62	3.72	6,767
MU-5	3/18/1996	7:00	Mid	2.8	1.0	21.80	7.15	7.60	3.78	6,875
MU-5	3/18/1996	7:00	Bottom	2.8	2.6	21.80	7.16	7.56	3.81	6,941
10-1	4/9/1996	7:10	Surface	2.9	0.2	20.94	7.76	6.51	30.04	46,222
10-1	4/9/1996	7:10	Mid	2.9	1.0	21.02	7.74	6.37	30.13	40,338
10-1	4/9/1996	7:10	Bottom	2.9	2.7	20.52	7.66	6.30	31.27	47,935
10-2	4/9/1996	7:00	Surface	2.9	0.2	20.39	7.66	6.51	31.69	48,483
10-2	4/9/1996	7:00	Mid	2.9	1.0	20.39	7.66	6.52	31.69	48,478
10-2	4/9/1996	7:00	Bottom	2.9	2.7	20.39	7.65	6.55	31.69	48,475
10-3	4/9/1996	7:05	Surface	4.0	0.2	20.32	7.67	6.48	31.59	48,336
10-3	4/9/1996	7:05	Mid	4.0	1.0	20.33	7.66	6.50	31.65	48,422
10-3	4/9/1996	7:05	Bottom	4.0	3.8	20.33	7.66	6.55	31.69	48,478
10-4	4/9/1996	6:50	Surface	4.1	0.2	20.88	7.60	6.26	30.71	47,139
10-4	4/9/1996	6:50	Mid	4.1	1.0	20.89	7.60	6.33	30.73	47,168
10-4	4/9/1996	6:50	Bottom	4.1	3.9	20.76	7.60	6.37	31.19	47,801
10-5	4/9/1996	6:40	Surface	2.9	0.2	20.90	7.43	4.82	29.83	45,909
10-5	4/9/1996	6:40	Mid	2.9	1.0	20.94	7.56	6.14	30.89	47,387
10-5	4/9/1996	6:40	Bottom	2.9	2.7	20.92	7.57	6.17	31.01	47,552
11-1	4/9/1996	7:20	Surface	3.2	0.2	21.37	7.66	6.15	30.41	46,728
11-1	4/9/1996	7:20	Mid	3.2	1.0	21.38	7.65	6.05	30.42	46,744
11-1	4/9/1996	7:20	Bottom	3.2	3.0	21.50	7.62	5.90	30.44	46,781
11-2	4/9/1996	7:25	Surface	3.5	0.2	21.07	7.67	6.16	29.44	45,391
11-2	4/9/1996	7:25	Mid	3.5	1.0	21.14	7.66	6.05	30.40	46,718
11-2	4/9/1996	7:25	Bottom	3.5	3.3	21.04	7.65	6.10	30.53	46,886
11-3	4/9/1996	6:15	Surface	2.6	0.2	21.22	7.60	6.10	30.13	40,347
11-3	4/9/1996	6:15	Mid	2.6	1.0	21.33	7.63	6.07	30.27	46,550
11-3	4/9/1996	6:15	Bottom	2.6	2.4	21.34	7.76	6.12	30.31	46,592
11-4	4/9/1996	6:25	Surface	1.8	0.2	21.01	7.53	6.21	30.64	47,042
11-4	4/9/1996	6:25	Mid	1.8	0.9	21.02	7.52	6.19	30.77	47,219
11-4	4/9/1996	6:25	Bottom	1.8	1.6	21.03	7.49	6.19	30.75	47,194
11-5	4/9/1996	6:30	Surface	2.8	0.2	21.40	7.43	5.94	27.65	42,919
11-5	4/9/1996	6:30	Mid	2.8	1.0	21.08	7.52	5.96	30.57	46,926
11-5	4/9/1996	6:30	Bottom	2.8	2.6	21.08	7.51	5.97	30.60	46,991
13-1	4/8/1996	7:30	Surface	2.8	0.2	21.53	7.58	5.71	28.34	43,854
13-1	4/8/1996	7:30	Mid	2.8	1.0	21.11	7.60	5.65	29.26	45,144

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductance (µS/cm)
13-1	4/8/1996	7:30	Bottom	2.8	2.6	22.10	7.61	5.58	29.90	46,044
13-2	4/8/1996	7:20	Surface	3.0	0.2	21.79	7.54	5.89	25.46	39,847
13-2	4/8/1996	7:20	Mid	3.0	1.0	21.99	7.53	5.69	25.80	40,317
13-2	4/8/1996	7:20	Bottom	3.0	2.8	22.47	7.53	5.35	28.31	43,845
13-3	4/8/1996	7:05	Surface	1.5	0.2	22.21	7.47	5.59	24.90	39,082
13-3	4/8/1996	7:05	Mid	1.5	0.7	22.42	7.47	5.54	25.32	39,655
13-3	4/8/1996	7:05	Bottom	1.5	1.3	22.43	7.45	5.53	25.39	39,751
13-4	4/8/1996	7:00	Surface	3.9	0.2	22.34	7.44	5.54	25.05	39,269
13-4	4/8/1996	7:00	Mid	3.9	1.0	22.34	7.42	5.53	25.06	39,288
13-4	4/8/1996	7:00	Bottom	3.9	3.7	22.32	7.39	5.65	25.09	39,325
13-5	4/8/1996	6:45	Surface	2.0	0.2	22.41	7.41	5.46	23.76	37,450
13-5	4/8/1996	6:45	Mid	2.0	1.0	22.34	7.39	5.46	23.94	37,698
13-5	4/8/1996	6:45	Bottom	2.0	1.8	22.31	7.39	5.56	23.98	37,758
14-1	4/8/1996	6:35	Surface	2.1	0.2	22.53	7.42	5.77	23.71	37,373
14-1	4/8/1996	6:35	Mid	2.1	1.0	22.53	7.41	5.73	23.71	37,373
14-1	4/8/1996	6:35	Bottom	2.1	1.9	22.50	7.40	5.73	23.72	37,382
14-2	4/8/1996	6:30	Surface	2.5	0.2	22.55	7.54	6.56	23.46	37,019
14-2	4/8/1996	6:30	Mid	2.5	1.0	22.62	7.53	6.13	23.48	37,045
14-2	4/8/1996	6:30	Bottom	2.5	2.3	23.62	7.33	4.40	24.42	38,406
14-3	4/8/1996	6:20	Surface	3.5	0.2	22.61	7.49	6.21	23.48	37,054
14-3	4/8/1996	6:20	Mid	3.5	1.0	22.75	7.48	6.00	24.26	38,165
14-3	4/8/1996	6:20	Bottom	3.5	3.3	23.61	7.32	4.55	25.68	40,187
14-4	4/8/1996	6:15	Surface	1.5	0.2	22.47	7.52	6.86	24.56	38,571
14-4	4/8/1996	6:15	Mid	1.5	0.7	22.51	7.50	6.83	24.57	38,603
14-4	4/8/1996	6:15	Bottom	1.5	1.3	23.35	7.21	5.84	25.36	39,720
14-5	4/8/1996	6:10	Surface	3.9	0.2	22.46	7.45	6.05	26.49	41,332
14-5	4/8/1996	6:10	Mid	3.9	1.0	22.53	7.47	6.07	26.61	41,468
14-5	4/8/1996	6:10	Bottom	3.9	3.7	22.58	7.52	6.10	26.81	41,753
16-1	4/10/1996	7:00	Surface	3.0	0.2	20.20	7.40	6.16	26.16	40,820
16-1	4/10/1996	7:00	Mid	3.0	1.0	20.25	7.44	6.18	26.38	41,114
16-1	4/10/1996	7:00	Bottom	3.0	2.8	20.80	7.51	6.30	26.40	41,147
16-2	4/10/1996	7:15	Surface	2.2	0.2	19.67	7.33	6.14	26.35	41,065
16-2	4/10/1996	7:15	Mid	2.2	1.0	20.03	7.34	6.09	26.65	41,472
16-2	4/10/1996	7:15	Bottom	2.2	2.0	20.31	7.31	6.16	27.22	42,288
16-3	4/10/1996	7:20	Surface	1.8	0.2	19.80	7.37	6.42	26.50	41,289
16-3	4/10/1996	7:20	Mid	1.8	0.9	19.96	7.37	6.33	27.35	42,473
16-3	4/10/1996	7:20	Bottom	1.8	1.6	20.32	7.34	6.27	27.99	43,360
16-4	4/10/1996	7:25	Surface	4.1	0.2	19.61	7.41	6.77	28.25	43,732
16-4	4/10/1996	7:25	Mid	4.1	1.0	19.44	7.46	6.85	30.35	46,620
16-4	4/10/1996	7:25	Bottom	4.1	3.9	19.80	7.50	6.77	32.25	49,247
16-5	4/10/1996	7:40	Surface	2.0	0.2	19.61	7.54	6.75	32.52	49,602
16-5	4/10/1996	7:40	Mid	2.0	1.0	19.72	7.54	6.71	32.73	49,886
16-5	4/10/1996	7:40	Bottom	2.0	1.8	19.79	7.51	6.74	32.71	49,868
LB-1	4/10/1996	8:15	Surface	1.1	0.2	19.62	7.19	5.62	24.63	38,645
LB-1	4/10/1996	8:15	Mid	1.1	0.5	20.66	7.24	5.56	25.13	39,357
LB-1	4/10/1996	8:15	Bottom	1.1	0.9	20.88	7.35	5.82	25.20	39,466
LB-2	4/10/1996	8:20	Surface	3.1	0.2	20.54	7.13	4.88	25.22	39,477
LB-2	4/10/1996	8:20	Mid	3.1	1.0	20.82	7.11	4.72	25.30	39,607
LB-2	4/10/1996	8:20	Bottom	3.1	2.9	21.11	7.06	4.58	25.51	39,897

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductivity (µS/cm)
LB-3	4/10/1996	8:30	Surface	3.1	0.2	20.46	7.17	4.92	25.97	40,542
LB-3	4/10/1996	8:30	Mid	3.1	1.0	20.72	7.15	4.67	26.07	40,690
LB-3	4/10/1996	8:30	Bottom	3.1	2.9	21.97	7.07	3.12	29.01	44,801
LB-4	4/10/1996	8:40	Surface	2.6	0.2	19.74	7.38	6.36	27.48	42,672
LB-4	4/10/1996	8:40	Mid	2.6	1.0	20.01	7.37	6.20	27.91	43,246
LB-4	4/10/1996	8:40	Bottom	2.6	2.4	21.24	7.16	4.27	29.14	45,018
LB-5	4/10/1996	8:45	Surface	1.4	0.2	19.99	7.42	6.29	28.70	44,348
LB-5	4/10/1996	8:45	Mid	1.4	0.7	20.02	7.41	6.16	28.74	40,410
LB-5	4/10/1996	8:45	Bottom	1.4	1.2	20.75	7.36	6.02	29.45	45,396
ML-1	4/11/1996	7:20	Surface	1.9	0.2	20.05	6.62	6.13	0.21	440
ML-1	4/11/1996	7:20	Mid	1.9	0.9	20.06	6.61	6.14	0.21	442
ML-1	4/11/1996	7:20	Bottom	1.9	1.7	20.03	6.59	6.16	0.21	441
ML-2	4/11/1996	7:40	Surface	2.1	0.2	19.94	6.70	6.39	0.21	448
ML-2	4/11/1996	7:40	Mid	2.1	1.0	19.96	6.71	6.37	0.21	444
ML-2	4/11/1996	7:40	Bottom	2.1	1.9	19.97	6.73	6.37	0.22	445
ML-3	4/11/1996	8:00	Surface	3.1	0.2	19.69	6.88	7.28	0.32	662
ML-3	4/11/1996	8:00	Mid	3.1	1.0	19.60	6.93	7.33	0.33	680
ML-3	4/11/1996	8:00	Bottom	3.1	2.9	20.24	6.90	7.18	0.96	1,882
ML-4	4/11/1996	8:10	Surface	1.8	0.2	20.17	6.95	7.04	0.63	1,265
ML-4	4/11/1996	8:10	Mid	1.8	0.9	20.17	6.96	7.03	0.63	1,265
ML-4	4/11/1996	8:10	Bottom	1.8	1.6	20.17	6.99	7.03	0.63	1,260
ML-5	4/11/1996	8:20	Surface	3.3	0.2	20.18	6.86	6.93	0.63	1,253
ML-5	4/11/1996	8:20	Mid	3.3	1.0	20.18	6.85	6.91	0.63	1,251
ML-5	4/11/1996	8:20	Bottom	3.3	3.1	20.19	6.84	6.90	0.62	1,248
MU-1	4/11/1996	6:20	Surface	2.2	0.2	20.24	6.61	6.54	0.19	390
MU-1	4/11/1996	6:20	Mid	2.2	1.0	20.31	6.64	6.55	0.19	384
MU-1	4/11/1996	6:20	Bottom	2.2	2.0	20.31	6.72	6.59	0.19	390
MU-2	4/11/1996	6:30	Surface	2.0	0.2	20.43	6.55	6.39	0.19	393
MU-2	4/11/1996	6:30	Mid	2.0	1.0	20.43	6.53	6.38	0.19	390
MU-2	4/11/1996	6:30	Bottom	2.0	1.8	20.12	6.53	6.43	0.19	397
MU-3	4/11/1996	6:50	Surface	1.8	0.2	20.52	6.60	6.17	0.19	403
MU-3	4/11/1996	6:50	Mid	1.8	0.9	20.55	6.59	6.14	0.19	401
MU-3	4/11/1996	6:50	Bottom	1.8	1.6	20.55	6.50	6.11	0.19	397
MU-4	4/11/1996	7:10	Surface	1.4	0.2	20.46	6.59	6.13	0.19	402
MU-4	4/11/1996	7:10	Mid	1.4	0.7	20.46	6.57	6.12	0.20	406
MU-4	4/11/1996	7:10	Bottom	1.4	1.2	20.44	6.55	6.20	0.19	403
MU-5	4/11/1996	7:15	Surface	1.7	0.2	20.05	6.61	6.12	0.21	436
MU-5	4/11/1996	7:15	Mid	1.7	0.8	20.06	6.61	6.13	0.21	435
MU-5	4/11/1996	7:15	Bottom	1.7	1.5	20.06	6.62	6.20	0.21	437
10-1	5/8/1996	7:15	Surface	1.5	0.2	26.58	7.92	6.14	32.20	49,322
10-1	5/8/1996	7:15	Mid	1.5	0.7	26.59	7.91	6.06	32.20	49,322
10-1	5/8/1996	7:15	Bottom	1.5	1.3	26.57	7.88	6.02	32.20	49,322
10-2	5/8/1996	7:05	Surface	2.2	0.2	26.86	7.77	5.71	32.04	49,115
10-2	5/8/1996	7:05	Mid	2.2	1.0	26.88	7.75	5.70	32.05	49,125
10-2	5/8/1996	7:05	Bottom	2.2	2.0	26.89	7.72	5.51	32.05	49,126
10-3	5/8/1996	7:10	Surface	4.1	0.2	26.93	7.93	6.68	32.20	49,327
10-3	5/8/1996	7:10	Mid	4.1	1.0	26.92	7.92	6.67	32.21	49,344
10-3	5/8/1996	7:10	Bottom	4.1	3.9	26.94	7.90	6.64	32.20	49,340
10-4	5/8/1996	6:55	Surface	0.9	0.2	27.37	7.78	6.53	32.19	49,333

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductivity (µS/cm)
10-4	5/8/1996	6:55	Mid	0.9	0.4	27.37	7.76	6.48	32.19	49,331
10-4	5/8/1996	6:55	Bottom	0.9	0.7	27.34	7.73	6.43	32.19	49,332
10-5	5/8/1996	6:50	Surface	4.3	0.2	27.30	7.70	6.87	32.16	49,294
10-5	5/8/1996	6:50	Mid	4.3	1.0	27.30	7.68	6.79	32.15	49,280
10-5	5/8/1996	6:50	Bottom	4.3	4.1	27.31	7.64	6.70	32.15	49,275
11-1	5/8/1996	7:20	Surface	3.6	0.2	27.25	7.92	6.07	31.52	48,413
11-1	5/8/1996	7:20	Mid	3.6	1.0	27.27	7.91	6.05	31.52	48,418
11-1	5/8/1996	7:20	Bottom	3.6	3.4	27.25	7.88	6.06	31.53	48,425
11-2	5/8/1996	7:30	Surface	3.1	0.2	26.95	7.94	5.63	31.96	49,009
11-2	5/8/1996	7:30	Mid	3.1	1.0	26.97	7.92	5.59	31.96	49,018
11-2	5/8/1996	7:30	Bottom	3.1	2.9	26.88	7.86	5.21	32.00	49,067
11-3	5/8/1996	6:30	Surface	3.0	0.2	27.32	7.42	5.94	31.69	48,650
11-3	5/8/1996	6:30	Mid	3.0	1.0	27.32	7.42	5.94	31.69	48,641
11-3	5/8/1996	6:30	Bottom	3.0	2.8	27.31	7.48	5.95	31.69	48,653
11-4	5/8/1996	6:35	Surface	3.3	0.2	27.28	7.40	5.86	31.60	48,530
11-4	5/8/1996	6:35	Mid	3.3	1.0	27.29	7.39	5.74	31.61	48,544
11-4	5/8/1996	6:35	Bottom	3.3	3.1	27.31	7.36	5.70	31.74	48,690
11-5	5/8/1996	6:40	Surface	2.4	0.2	27.66	7.48	6.00	30.65	47,237
11-5	5/8/1996	6:40	Mid	2.4	1.0	27.49	7.43	5.12	31.55	48,462
11-5	5/8/1996	6:40	Bottom	2.4	2.2	27.49	7.42	5.13	31.56	48,476
13-1	5/10/1996	7:40	Surface	1.8	0.2	26.68	7.34	5.98	29.31	45,382
13-1	5/10/1996	7:40	Mid	1.8	0.9	26.89	7.41	6.04	30.06	46,387
13-1	5/10/1996	7:40	Bottom	1.8	1.6	27.04	7.52	6.11	30.27	46,680
13-2	5/10/1996	7:50	Surface	1.6	0.2	26.83	7.27	5.77	27.96	43,477
13-2	5/10/1996	7:50	Mid	1.6	0.8	26.88	7.26	5.66	28.04	43,592
13-2	5/10/1996	7:50	Bottom	1.6	1.4	27.27	7.30	5.49	29.57	45,726
13-3	5/10/1996	7:55	Surface	3.4	0.2	26.44	7.34	5.72	27.55	42,877
13-3	5/10/1996	7:55	Mid	3.4	1.0	26.68	7.38	5.71	27.66	43,077
13-3	5/10/1996	7:55	Bottom	3.4	3.2	26.78	7.64	5.80	27.88	43,372
13-4	5/10/1996	8:20	Surface	4.0	0.2	26.82	7.36	5.43	27.47	42,799
13-4	5/10/1996	8:20	Mid	4.0	1.0	26.83	7.39	5.45	27.59	42,962
13-4	5/10/1996	8:20	Bottom	4.0	3.8	26.81	7.53	5.50	27.63	43,019
13-5	5/10/1996	8:30	Surface	2.1	0.2	26.95	7.43	5.36	27.27	42,518
13-5	5/10/1996	8:30	Mid	2.1	1.0	26.90	7.41	5.39	27.39	42,685
13-5	5/10/1996	8:30	Bottom	2.1	1.9	26.77	7.39	5.42	27.62	42,996
14-1	5/10/1996	8:40	Surface	1.9	0.2	26.58	7.50	5.62	27.56	42,913
14-1	5/10/1996	8:40	Mid	1.9	0.9	26.59	7.48	5.57	27.57	42,928
14-1	5/10/1996	8:40	Bottom	1.9	1.7	26.60	7.45	5.52	27.58	42,943
14-2	5/10/1996	8:45	Surface	1.2	0.2	26.44	7.68	5.93	28.19	43,781
14-2	5/10/1996	8:45	Mid	1.2	0.6	26.56	7.66	5.88	28.20	43,818
14-2	5/10/1996	8:45	Bottom	1.2	1.0	26.68	7.62	6.04	28.30	43,956
14-3	5/10/1996	8:50	Surface	1.0	0.2	26.41	7.70	6.20	28.05	43,573
14-3	5/10/1996	8:50	Mid	1.0	0.5	26.42	7.70	6.15	28.04	43,578
14-3	5/10/1996	8:50	Bottom	1.0	0.8	26.85	7.66	5.96	28.39	44,091
14-4	5/10/1996	8:55	Surface	2.5	0.2	25.83	7.71	5.99	29.39	45,325
14-4	5/10/1996	8:55	Mid	2.5	1.0	26.64	7.74	6.15	29.91	46,169
14-4	5/10/1996	8:55	Bottom	2.5	2.3	26.66	7.72	6.32	29.94	46,171
14-5	5/10/1996	9:00	Surface	1.4	0.2	26.69	7.74	6.21	30.55	47,062
14-5	5/10/1996	9:00	Mid	1.4	0.7	26.71	7.74	6.23	30.55	47,056

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conductivity
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)
14-5	5/10/1996	9:00	Bottom	1.4	1.2	26.73	7.73	6.23	30.53	47,040
16-1	5/7/1996	6:50	Surface	1.2	0.2	27.38	8.06	5.52	29.20	45,100
16-1	5/7/1996	6:50	Mid	1.2	0.6	27.39	8.05	5.58	29.20	45,100
16-1	5/7/1996	6:50	Bottom	1.2	1.0	27.37	8.02	5.62	29.20	45,100
16-2	5/7/1996	7:05	Surface	2.2	0.2	27.23	8.12	5.82	29.40	45,400
16-2	5/7/1996	7:05	Mid	2.2	1.0	27.30	8.12	5.84	29.50	45,400
16-2	5/7/1996	7:05	Bottom	2.2	2.0	27.30	8.14	5.94	29.80	46,000
16-3	5/7/1996	7:15	Surface	1.5	0.2	27.09	8.14	5.92	29.50	45,600
16-3	5/7/1996	7:15	Mid	1.5	0.7	27.12	8.14	5.93	29.50	45,500
16-3	5/7/1996	7:15	Bottom	1.5	1.3	27.08	8.17	6.05	29.90	47,100
16-4	5/7/1996	7:20	Surface	0.9	0.2	26.60	8.13	5.34	29.50	45,500
16-4	5/7/1996	7:20	Mid	0.9	0.4	26.68	8.14	5.44	29.80	45,900
16-4	5/7/1996	7:20	Bottom	0.9	0.7	26.70	8.15	5.46	29.90	46,100
16-5	5/7/1996	7:25	Surface	0.9	0.2	26.91	8.18	5.95	30.10	46,300
16-5	5/7/1996	7:25	Mid	0.9	0.4	26.92	8.19	5.92	30.10	46,300
16-5	5/7/1996	7:25	Bottom	0.9	0.7	26.92	8.19	5.87	30.10	46,400
LB-1	5/7/1996	8:10	Surface	0.6	0.2	28.17	7.86	4.72	24.80	39,100
LB-1	5/7/1996	8:10	Mid	0.6	0.3	28.24	7.84	4.78	24.80	39,000
LB-1	5/7/1996	8:10	Bottom	0.6	0.4	28.21	7.83	4.84	24.80	39,000
LB-2	5/7/1996	8:20	Surface	1.2	0.2	27.59	8.08	4.75	26.50	41,400
LB-2	5/7/1996	8:20	Mid	1.2	0.6	27.57	8.06	4.69	26.50	41,400
LB-2	5/7/1996	8:20	Bottom	1.2	1.0	27.50	8.05	4.66	26.50	41,300
LB-3	5/7/1996	8:30	Surface	1.1	0.2	26.58	8.16	5.14	26.60	41,500
LB-3	5/7/1996	8:30	Mid	1.1	0.5	26.58	8.16	5.14	26.60	41,400
LB-3	5/7/1996	8:30	Bottom	1.1	0.9	26.57	8.17	5.22	26.60	41,500
LB-4	5/7/1996	8:45	Surface	0.9	0.2	27.77	8.27	5.94	28.40	44,000
LB-4	5/7/1996	8:45	Mid	0.9	0.4	27.76	8.25	5.95	28.30	43,800
LB-4	5/7/1996	8:45	Bottom	0.9	0.7	27.74	8.25	5.93	28.30	44,000
LB-5	5/7/1996	8:55	Surface	1.5	0.2	27.65	8.26	5.70	29.00	44,800
LB-5	5/7/1996	8:55	Mid	1.5	0.7	27.64	8.26	5.69	29.00	44,800
LB-5	5/7/1996	8:55	Bottom	1.5	1.3	27.61	8.24	5.62	28.90	44,800
ML-1	5/9/1996	7:40	Surface	1.2	0.2	26.94	6.95	5.74	1.48	2,867
ML-1	5/9/1996	7:40	Mid	1.2	0.6	26.97	6.93	5.73	1.56	3,000
ML-1	5/9/1996	7:40	Bottom	1.2	1.0	26.97	6.90	5.74	1.56	3,014
ML-2	5/9/1996	7:45	Surface	0.9	0.2	26.77	6.97	5.83	2.57	4,811
ML-2	5/9/1996	7:45	Mid	0.9	0.4	26.77	6.96	5.83	2.56	4,708
ML-2	5/9/1996	7:45	Bottom	0.9	0.7	26.77	6.94	5.83	2.56	4,804
ML-3	5/9/1996	7:50	Surface	3.4	0.2	26.93	7.08	6.11	2.91	5,408
ML-3	5/9/1996	7:50	Mid	3.4	1.0	26.93	7.08	6.10	2.91	5,415
ML-3	5/9/1996	7:50	Bottom	3.4	3.2	26.93	7.06	6.09	2.91	5,414
ML-4	5/9/1996	7:55	Surface	1.4	0.2	26.74	7.06	6.02	3.22	5,955
ML-4	5/9/1996	7:55	Mid	1.4	0.7	26.75	7.05	6.02	3.23	5,966
ML-4	5/9/1996	7:55	Bottom	1.4	1.2	26.75	7.04	6.02	3.23	5,972
ML-5	5/9/1996	8:00	Surface	2.5	0.2	26.21	7.04	6.10	4.92	8,846
ML-5	5/9/1996	8:00	Mid	2.5	1.0	26.18	7.04	6.11	4.97	8,912
ML-5	5/9/1996	8:00	Bottom	2.5	2.3	26.25	7.01	6.10	5.06	9,003
MU-1	5/9/1996	6:50	Surface	1.8	0.2	27.63	6.67	5.34	0.18	374
MU-1	5/9/1996	6:50	Mid	1.8	0.9	27.64	6.69	5.36	0.18	371
MU-1	5/9/1996	6:50	Bottom	1.8	1.6	27.65	6.78	5.36	0.18	369

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conductivity
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)
MU-2	5/9/1996	6:55	Surface	1.8	0.2	27.66	6.74	5.26	0.18	384
MU-2	5/9/1996	6:55	Mid	1.8	0.9	27.66	6.73	5.27	0.18	381
MU-2	5/9/1996	6:55	Bottom	1.8	1.6	27.65	6.74	5.29	0.18	388
MU-3	5/9/1996	7:05	Surface	1.9	0.2	27.69	6.91	5.74	0.19	398
MU-3	5/9/1996	7:05	Mid	1.9	0.9	27.70	6.90	5.73	0.19	397
MU-3	5/9/1996	7:05	Bottom	1.9	1.7	27.71	6.88	5.73	0.19	397
MU-4	5/9/1996	7:15	Surface	0.9	0.2	27.30	7.02	6.29	0.23	490
MU-4	5/9/1996	7:15	Mid	0.9	0.4	27.31	7.01	6.25	0.23	490
MU-4	5/9/1996	7:15	Bottom	0.9	0.7	27.29	6.99	6.24	0.23	490
MU-5	5/9/1996	7:25	Surface	0.7	0.2	27.23	7.06	6.45	0.28	591
MU-5	5/9/1996	7:25	Mid	0.7	0.3	27.23	7.05	6.44	0.28	591
MU-5	5/9/1996	7:25	Bottom	0.7	0.5	27.22	7.04	6.44	0.28	591
10-1	6/18/1996	7:15	Surface	2.6	0.2	28.62	7.88	6.46	31.34	48,218
10-1	6/18/1996	7:15	Mid	2.6	1.0	28.61	7.86	6.40	31.35	48,232
10-1	6/18/1996	7:15	Bottom	2.6	2.4	29.03	7.76	5.90	30.43	47,000
10-2	6/18/1996	6:40	Surface	1.7	0.2	28.54	7.95	5.81	31.66	48,653
10-2	6/18/1996	6:40	Mid	1.7	0.8	28.55	7.94	5.81	31.67	48,668
10-2	6/18/1996	6:40	Bottom	1.7	1.5	28.59	7.91	5.39	31.71	48,726
10-3	6/18/1996	7:25	Surface	2.6	0.2	28.64	7.87	6.18	31.96	49,071
10-3	6/18/1996	7:25	Mid	2.6	1.0	28.70	7.80	6.26	32.08	49,228
10-3	6/18/1996	7:25	Bottom	2.6	2.4	28.74	7.76	6.53	32.08	49,217
10-4	6/18/1996	6:30	Surface	5.3	0.2	28.78	7.91	5.85	31.41	48,317
10-4	6/18/1996	6:30	Mid	5.3	1.0	28.88	7.91	5.84	31.42	48,348
10-4	6/18/1996	6:30	Bottom	5.3	5.1	29.04	7.89	5.78	31.12	48,000
10-5	6/18/1996	6:20	Surface	4.4	0.2	28.36	7.88	6.02	30.52	47,074
10-5	6/18/1996	6:20	Mid	4.4	1.0	28.65	7.89	6.25	31.76	48,806
10-5	6/18/1996	6:20	Bottom	4.4	4.2	29.04	7.89	6.24	32.23	49,455
11-1	6/18/1996	7:00	Surface	2.4	0.2	28.66	8.01	5.52	30.91	47,501
11-1	6/18/1996	7:00	Mid	2.4	1.0	28.68	8.00	5.44	30.80	47,486
11-1	6/18/1996	7:00	Bottom	2.4	2.2	28.69	7.99	5.43	30.74	47,467
11-2	6/18/1996	6:50	Surface	3.3	0.2	28.11	7.83	6.01	30.01	46,381
11-2	6/18/1996	6:50	Mid	3.3	1.0	28.72	7.78	6.08	31.16	47,976
11-2	6/18/1996	6:50	Bottom	3.3	3.1	28.63	7.74	6.44	31.35	48,236
11-3	6/18/1996	5:50	Surface	4.0	0.2	29.01	7.76	6.13	31.16	47,992
11-3	6/18/1996	5:50	Mid	4.0	1.0	29.03	7.75	6.14	31.21	48,063
11-3	6/18/1996	5:50	Bottom	4.0	3.8	29.08	7.70	6.25	26.20	41,230
11-4	6/18/1996	6:00	Surface	1.7	0.2	28.22	7.76	6.01	29.92	46,333
11-4	6/18/1996	6:00	Mid	1.7	0.8	28.68	7.70	5.87	30.67	47,315
11-4	6/18/1996	6:00	Bottom	1.7	1.5	29.07	7.72	5.77	31.93	49,045
11-5	6/18/1996	6:10	Surface	2.8	0.2	28.36	7.82	6.11	29.46	45,614
11-5	6/18/1996	6:10	Mid	2.8	1.0	28.94	7.83	5.88	32.19	49,341
11-5	6/18/1996	6:10	Bottom	2.8	2.6	28.94	7.74	5.67	32.19	49,395
13-1	6/19/1996	6:20	Surface	1.4	0.2	28.95	7.60	6.53	26.77	41,886
13-1	6/19/1996	6:20	Mid	1.4	0.7	29.06	7.56	6.45	27.07	42,308
13-1	6/19/1996	6:20	Bottom	1.4	1.2	29.51	7.46	5.52	28.35	44,180
13-2	6/19/1996	6:30	Surface	2.5	0.2	29.41	7.57	6.63	25.81	40,571
13-2	6/19/1996	6:30	Mid	2.5	1.0	29.51	7.54	6.49	26.08	40,952
13-2	6/19/1996	6:30	Bottom	2.5	2.3	30.33	7.42	5.91	28.61	44,824
13-3	6/19/1996	6:50	Surface	1.4	0.2	29.79	7.55	6.61	25.71	40,437

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductance (µS/cm)
13-3	6/19/1996	6:50	Mid	1.4	0.7	29.77	7.54	6.64	25.20	40,416
13-3	6/19/1996	6:50	Bottom	1.4	1.2	29.81	7.56	6.70	25.74	40,480
13-4	6/19/1996	7:00	Surface	1.7	0.2	29.92	7.59	6.80	25.69	40,409
13-4	6/19/1996	7:00	Mid	1.7	0.8	30.00	7.58	6.79	25.71	40,444
13-4	6/19/1996	7:00	Bottom	1.7	1.5	30.03	7.53	6.78	25.75	40,497
13-5	6/19/1996	7:15	Surface	2.1	0.2	29.46	7.66	7.87	25.06	39,503
13-5	6/19/1996	7:15	Mid	2.1	1.0	29.87	7.63	7.82	25.35	39,948
13-5	6/19/1996	7:15	Bottom	2.1	1.9	30.02	7.47	7.05	25.97	40,816
14-1	6/19/1996	7:35	Surface	2.2	0.2	29.49	7.69	7.52	25.95	40,753
14-1	6/19/1996	7:35	Mid	2.2	1.0	29.87	7.59	6.91	26.35	41,355
14-1	6/19/1996	7:35	Bottom	2.2	2.0	29.85	7.48	6.54	27.15	42,441
14-2	6/19/1996	7:25	Surface	1.7	0.2	29.37	7.70	7.78	26.09	40,950
14-2	6/19/1996	7:25	Mid	1.7	0.8	29.39	7.69	7.72	26.11	40,983
14-2	6/19/1996	7:25	Bottom	1.7	1.5	30.12	7.33	7.21	27.46	42,904
14-3	6/19/1996	7:40	Surface	1.3	0.2	28.86	7.78	7.45	26.41	41,381
14-3	6/19/1996	7:40	Mid	1.3	0.6	28.89	7.76	7.46	26.51	41,520
14-3	6/19/1996	7:40	Bottom	1.3	1.1	29.49	7.65	7.06	27.45	43,572
14-4	6/19/1996	7:55	Surface	1.6	0.2	29.46	7.66	6.10	29.90	46,276
14-4	6/19/1996	7:55	Mid	1.6	0.8	29.70	7.65	6.07	30.10	46,564
14-4	6/19/1996	7:55	Bottom	1.6	1.4	29.84	7.52	5.96	30.22	46,747
14-5	6/19/1996	8:00	Surface	2.4	0.2	29.36	7.60	5.31	29.85	46,208
14-5	6/19/1996	8:00	Mid	2.4	1.0	29.42	7.57	5.22	29.98	46,386
14-5	6/19/1996	8:00	Bottom	2.4	2.2	29.34	7.50	5.19	29.81	46,335
16-1	6/17/1996	5:50	Surface	1.5	0.2	29.08	7.46	6.55	31.21	48,068
16-1	6/17/1996	5:50	Mid	1.5	0.7	29.21	7.44	6.51	31.33	48,241
16-1	6/17/1996	5:50	Bottom	1.5	1.3	29.11	7.41	6.52	31.35	48,255
16-2	6/17/1996	6:00	Surface	2.8	0.2	29.40	7.38	6.52	31.58	48,588
16-2	6/17/1996	6:00	Mid	2.8	1.0	29.39	7.32	6.40	31.59	48,590
16-2	6/17/1996	6:00	Bottom	2.8	2.6	29.33	7.22	6.33	31.58	48,574
16-3	6/17/1996	6:10	Surface	1.8	0.2	28.62	7.53	6.51	31.47	48,401
16-3	6/17/1996	6:10	Mid	1.8	0.9	28.80	7.49	6.47	31.60	48,605
16-3	6/17/1996	6:10	Bottom	1.8	1.6	29.40	7.32	5.33	32.46	49,786
16-4	6/17/1996	6:20	Surface	4.3	0.2	29.23	7.55	6.18	32.58	49,944
16-4	6/17/1996	6:20	Mid	4.3	1.0	29.25	7.52	6.26	32.58	49,950
16-4	6/17/1996	6:20	Bottom	4.3	4.1	29.30	7.46	6.33	32.59	49,959
16-5	6/17/1996	6:30	Surface	4.0	0.2	29.16	7.60	6.06	32.56	49,918
16-5	6/17/1996	6:30	Mid	4.0	1.0	29.18	7.57	6.09	32.55	49,907
16-5	6/17/1996	6:30	Bottom	4.0	3.8	29.24	7.51	5.98	32.57	49,935
LB-1	6/17/1996	7:05	Surface	1.2	0.2	30.26	8.02	6.91	26.75	41,910
LB-1	6/17/1996	7:05	Mid	1.2	0.6	30.26	8.02	6.88	26.75	41,914
LB-1	6/17/1996	7:05	Bottom	1.2	1.0	30.14	7.99	6.87	26.76	41,924
LB-2	6/17/1996	7:10	Surface	2.8	0.2	29.83	8.12	7.98	27.05	42,314
LB-2	6/17/1996	7:10	Mid	2.8	1.0	29.82	8.07	7.41	27.04	42,305
LB-2	6/17/1996	7:10	Bottom	2.8	2.6	29.78	7.87	6.55	27.13	42,431
LB-3	6/17/1996	7:20	Surface	1.1	0.2	28.21	8.25	7.61	28.06	43,710
LB-3	6/17/1996	7:20	Mid	1.1	0.5	28.17	8.21	7.31	28.08	43,729
LB-3	6/17/1996	7:20	Bottom	1.1	0.9	28.89	8.17	6.53	28.12	43,775
LB-4	6/17/1996	7:30	Surface	1.5	0.2	28.78	8.28	7.82	29.00	44,998
LB-4	6/17/1996	7:30	Mid	1.5	0.7	28.74	8.28	7.82	29.00	45,000

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductance (µS/cm)
LB-4	6/17/1996	7:30	Bottom	1.5	1.3	28.79	8.26	7.80	29.00	44,997
LB-5	6/17/1996	7:40	Surface	2.2	0.2	29.28	8.15	6.69	31.45	48,398
LB-5	6/17/1996	7:40	Mid	2.2	1.0	29.29	8.10	6.70	31.45	48,397
LB-5	6/17/1996	7:40	Bottom	2.2	2.0	29.34	7.98	6.37	31.49	48,464
ML-1	6/20/1996	6:55	Surface	1.8	0.2	30.11	6.93	5.16	3.12	5,814
ML-1	6/20/1996	6:55	Mid	1.8	0.9	30.12	6.92	5.08	3.14	5,836
ML-1	6/20/1996	6:55	Bottom	1.8	1.6	30.13	6.90	5.00	3.14	5,839
ML-2	6/20/1996	7:05	Surface	1.6	0.2	29.86	6.96	5.53	3.54	6,527
ML-2	6/20/1996	7:05	Mid	1.6	0.8	29.90	6.94	5.44	3.55	6,549
ML-2	6/20/1996	7:05	Bottom	1.6	1.4	29.91	6.92	5.37	3.55	6,546
ML-3	6/20/1996	7:10	Surface	1.9	0.2	29.80	6.93	5.70	3.90	7,154
ML-3	6/20/1996	7:10	Mid	1.9	0.9	29.83	6.87	5.61	4.00	7,311
ML-3	6/20/1996	7:10	Bottom	1.9	1.7	29.81	6.82	5.55	4.00	7,312
ML-4	6/20/1996	7:15	Surface	2.4	0.2	29.63	6.91	5.78	5.58	9,999
ML-4	6/20/1996	7:15	Mid	2.4	1.0	29.65	6.90	5.74	5.70	10,184
ML-4	6/20/1996	7:15	Bottom	2.4	2.2	29.67	6.85	5.68	5.71	10,196
ML-5	6/20/1996	7:25	Surface	1.3	0.2	29.90	7.05	5.74	9.21	15,863
ML-5	6/20/1996	7:25	Mid	1.3	0.6	29.96	7.03	5.69	9.20	15,852
ML-5	6/20/1996	7:25	Bottom	1.3	1.1	29.24	7.02	5.60	9.25	15,920
MU-1	6/20/1996	6:10	Surface	2.0	0.2	29.94	6.70	3.55	0.16	337
MU-1	6/20/1996	6:10	Mid	2.0	1.0	30.12	6.76	3.62	0.16	334
MU-1	6/20/1996	6:10	Bottom	2.0	1.8	30.11	6.78	3.69	0.16	339
MU-2	6/20/1996	6:15	Surface	2.3	0.2	30.10	6.76	3.93	0.16	352
MU-2	6/20/1996	6:15	Mid	2.3	1.0	30.09	6.74	3.89	0.16	355
MU-2	6/20/1996	6:15	Bottom	2.3	2.1	30.09	6.71	3.84	0.17	354
MU-3	6/20/1996	6:30	Surface	1.7	0.2	30.04	6.91	5.68	0.24	506
MU-3	6/20/1996	6:30	Mid	1.7	0.8	30.04	6.89	5.66	0.24	508
MU-3	6/20/1996	6:30	Bottom	1.7	1.5	30.03	6.84	5.63	0.24	506
MU-4	6/20/1996	6:35	Surface	2.4	0.2	30.08	6.99	6.34	0.37	773
MU-4	6/20/1996	6:35	Mid	2.4	1.0	30.01	6.95	6.27	0.38	782
MU-4	6/20/1996	6:35	Bottom	2.4	2.2	30.00	6.90	6.25	0.38	786
MU-5	6/20/1996	6:45	Surface	2.5	0.2	30.06	6.91	5.79	1.57	3,043
MU-5	6/20/1996	6:45	Mid	2.5	1.0	30.06	6.90	5.73	1.60	3,093
MU-5	6/20/1996	6:45	Bottom	2.5	2.3	30.08	6.88	5.56	1.45	2,827
10-1	7/15/1996	7:00	Surface	2.0	0.2	30.80	8.02	5.97	32.21	49,515
10-1	7/15/1996	7:00	Mid	2.0	1.0	30.82	8.00	5.95	32.21	49,505
10-1	7/15/1996	7:00	Bottom	2.0	1.8	30.84	7.98	5.94	32.21	49,508
10-2	7/15/1996	6:35	Surface	1.6	0.2	30.95	7.92	6.04	32.10	49,369
10-2	7/15/1996	6:35	Mid	1.6	0.8	30.95	7.89	5.92	32.11	49,377
10-2	7/15/1996	6:35	Bottom	1.6	1.4	31.06	7.80	5.91	32.17	49,484
10-3	7/15/1996	6:45	Surface	4.9	0.2	30.72	7.91	5.27	32.63	50,072
10-3	7/15/1996	6:45	Mid	4.9	1.0	30.71	7.89	5.27	32.64	50,092
10-3	7/15/1996	6:45	Bottom	4.9	4.7	30.75	7.87	5.29	32.66	50,115
10-4	7/15/1996	6:30	Surface	4.8	0.2	31.27	7.84	6.06	32.24	49,642
10-4	7/15/1996	6:30	Mid	4.8	1.0	31.30	7.82	6.03	32.30	49,652
10-4	7/15/1996	6:30	Bottom	4.8	4.6	31.34	7.77	5.98	32.36	49,747
10-5	7/15/1996	6:15	Surface	3.4	0.2	31.44	7.74	5.64	30.60	47,335
10-5	7/15/1996	6:15	Mid	3.4	1.0	31.64	7.72	5.60	31.17	48,116

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductance (µS/cm)
10-5	7/15/1996	6:15	Bottom	3.4	3.2	31.45	7.60	5.59	29.87	46,395
11-1	7/15/1996	7:15	Surface	3.1	0.2	31.51	8.03	6.24	31.66	48,789
11-1	7/15/1996	7:15	Mid	3.1	1.0	31.53	7.98	6.07	31.68	48,820
11-1	7/15/1996	7:15	Bottom	3.1	2.9	31.60	7.94	6.01	31.92	49,159
11-2	7/15/1996	7:30	Surface	3.3	0.2	31.51	8.01	6.05	31.84	49,040
11-2	7/15/1996	7:30	Mid	3.3	1.0	31.55	7.99	6.01	31.87	49,075
11-2	7/15/1996	7:30	Bottom	3.3	3.1	31.37	7.93	5.34	32.22	49,499
11-3	7/15/1996	5:45	Surface	2.6	0.2	31.62	7.53	6.14	32.00	49,769
11-3	7/15/1996	5:45	Mid	2.6	1.0	31.64	7.50	6.09	32.02	49,290
11-3	7/15/1996	5:45	Bottom	2.6	2.4	31.68	7.45	6.11	30.50	47,208
11-4	7/15/1996	5:55	Surface	2.6	0.2	31.42	7.62	6.52	31.84	49,033
11-4	7/15/1996	5:55	Mid	2.6	1.0	31.55	7.58	6.23	32.01	49,252
11-4	7/15/1996	5:55	Bottom	2.6	2.4	31.66	7.51	5.75	32.26	49,626
11-5	7/15/1996	6:05	Surface	2.4	0.2	31.56	7.64	5.40	31.96	49,203
11-5	7/15/1996	6:05	Mid	2.4	1.0	31.64	7.60	5.32	32.21	49,542
11-5	7/15/1996	6:05	Bottom	2.4	2.2	31.60	7.56	4.51	32.46	49,893
13-1	7/16/1996	6:05	Surface	3.9	0.2	31.46	7.62	5.16	28.25	44,024
13-1	7/16/1996	6:05	Mid	3.9	1.0	31.46	7.53	4.34	29.59	45,930
13-1	7/16/1996	6:05	Bottom	3.9	3.7	31.42	7.46	4.31	31.15	48,081
13-2	7/16/1996	6:15	Surface	3.4	0.2	30.94	7.62	4.64	26.12	41,046
13-2	7/16/1996	6:15	Mid	3.4	1.0	31.14	7.64	4.61	27.16	42,572
13-2	7/16/1996	6:15	Bottom	3.4	3.2	31.61	7.56	3.75	30.38	47,037
13-3	7/16/1996	6:25	Surface	2.8	0.2	30.91	7.61	4.38	25.72	40,445
13-3	7/16/1996	6:25	Mid	2.8	1.0	31.13	7.64	4.40	26.99	42,302
13-3	7/16/1996	6:25	Bottom	2.8	2.6	31.02	7.61	4.41	27.19	42,566
13-4	7/16/1996	6:45	Surface	1.5	0.2	30.86	7.76	4.50	26.48	41,570
13-4	7/16/1996	6:45	Mid	1.5	0.7	30.86	7.71	4.50	26.44	41,572
13-4	7/16/1996	6:45	Bottom	1.5	1.3	30.88	7.71	4.53	26.49	41,575
13-5	7/16/1996	7:00	Surface	1.4	0.2	30.82	7.73	4.72	26.40	41,442
13-5	7/16/1996	7:00	Mid	1.4	0.7	30.85	7.71	4.69	26.40	41,446
13-5	7/16/1996	7:00	Bottom	1.4	1.2	30.90	7.68	4.69	26.47	41,541
14-1	7/16/1996	7:07	Surface	2.0	0.2	30.96	7.74	5.25	26.65	41,798
14-1	7/16/1996	7:07	Mid	2.0	1.0	30.96	7.72	5.24	26.15	41,807
14-1	7/16/1996	7:07	Bottom	2.0	1.8	30.97	7.74	5.24	26.65	41,804
14-2	7/16/1996	7:15	Surface	3.5	0.2	30.76	8.00	6.21	26.50	41,586
14-2	7/16/1996	7:15	Mid	3.5	1.0	30.81	7.98	6.22	26.51	41,606
14-2	7/16/1996	7:15	Bottom	3.5	3.3	30.82	7.87	5.30	28.84	44,906
14-3	7/16/1996	7:25	Surface	1.9	0.2	30.62	8.03	5.46	26.32	41,323
14-3	7/16/1996	7:25	Mid	1.9	0.9	30.70	8.02	5.39	26.36	41,379
14-3	7/16/1996	7:25	Bottom	1.9	1.7	30.72	7.93	4.70	28.50	44,440
14-4	7/16/1996	7:35	Surface	1.6	0.2	30.28	8.06	5.59	27.52	42,988
14-4	7/16/1996	7:35	Mid	1.6	0.8	30.60	8.03	5.55	27.70	43,235
14-4	7/16/1996	7:35	Bottom	1.6	1.4	31.36	7.87	4.89	29.04	45,159
14-5	7/16/1996	7:50	Surface	1.6	0.2	30.52	7.88	4.85	29.27	45,440
14-5	7/16/1996	7:50	Mid	1.6	0.8	30.54	7.87	4.86	29.26	45,437
14-5	7/16/1996	7:50	Bottom	1.6	1.4	30.52	7.84	4.94	29.27	45,440
16-1	7/17/1996	6:00	Surface	1.7	0.2	30.69	7.72	5.36	30.23	46,781
16-1	7/17/1996	6:00	Mid	1.7	0.8	30.72	7.71	5.35	30.32	46,905
16-1	7/17/1996	6:00	Bottom	1.7	1.5	30.73	7.69	5.36	30.29	46,872

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductance (µS/cm)
16-2	7/17/1996	6:10	Surface	1.6	0.2	30.86	7.68	5.63	30.90	47,710
16-2	7/17/1996	6:10	Mid	1.6	0.8	30.93	7.66	5.61	31.04	47,920
16-2	7/17/1996	6:10	Bottom	1.6	1.4	30.90	7.63	5.62	31.34	48,325
16-3	7/17/1996	6:20	Surface	1.7	0.2	30.69	7.69	5.57	31.61	48,679
16-3	7/17/1996	6:20	Mid	1.7	0.8	30.76	7.65	5.44	32.78	48,811
16-3	7/17/1996	6:20	Bottom	1.7	1.5	30.98	7.56	4.97	32.41	49,802
16-4	7/17/1996	6:30	Surface	1.2	0.2	30.73	7.65	5.14	32.12	49,376
16-4	7/17/1996	6:30	Mid	1.2	0.6	30.72	7.63	4.96	32.13	49,382
16-4	7/17/1996	6:30	Bottom	1.2	1.0	30.74	7.56	4.55	32.17	49,411
16-5	7/17/1996	6:40	Surface	2.2	0.2	30.25	7.67	5.06	32.33	49,670
16-5	7/17/1996	6:40	Mid	2.2	1.0	30.68	7.63	4.89	32.38	49,735
16-5	7/17/1996	6:40	Bottom	2.2	2.0	30.52	7.58	4.53	32.41	49,769
LB-1	7/17/1996	7:15	Surface	1.9	0.2	31.46	8.00	6.43	27.63	43,000
LB-1	7/17/1996	7:15	Mid	1.9	0.9	31.47	8.00	6.39	27.61	43,177
LB-1	7/17/1996	7:15	Bottom	1.9	1.7	31.46	7.98	6.36	27.59	43,149
LB-2	7/17/1996	7:20	Surface	3.2	0.2	30.99	7.97	5.77	28.13	43,880
LB-2	7/17/1996	7:20	Mid	3.2	1.0	30.99	7.95	5.73	28.13	43,886
LB-2	7/17/1996	7:20	Bottom	3.2	3.0	31.00	7.90	4.75	28.01	43,687
LB-3	7/17/1996	7:30	Surface	1.1	0.2	30.30	8.02	5.22	28.23	43,999
LB-3	7/17/1996	7:30	Mid	1.1	0.5	30.21	8.00	5.37	28.23	43,988
LB-3	7/17/1996	7:30	Bottom	1.1	0.9	30.17	7.98	5.26	28.08	43,778
LB-4	7/17/1996	7:45	Surface	1.3	0.2	30.29	7.94	5.07	29.71	46,045
LB-4	7/17/1996	7:45	Mid	1.3	0.6	30.23	7.95	4.81	29.84	46,219
LB-4	7/17/1996	7:45	Bottom	1.3	1.1	30.19	7.91	4.53	30.01	46,461
LB-5	7/17/1996	8:00	Surface	1.8	0.2	30.37	7.93	4.58	30.67	47,373
LB-5	7/17/1996	8:00	Mid	1.8	0.9	30.41	7.93	4.54	30.79	47,439
LB-5	7/17/1996	8:00	Bottom	1.8	1.6	30.38	7.89	4.51	30.81	47,566
ML-1	7/18/1996	6:50	Surface	2.0	0.2	29.65	6.92	4.70	0.31	642
ML-1	7/18/1996	6:50	Mid	2.0	1.0	29.61	6.84	4.70	0.36	751
ML-1	7/18/1996	6:50	Bottom	2.0	1.8	29.67	6.82	4.68	0.79	1,590
ML-2	7/18/1996	7:00	Surface	1.6	0.2	29.93	6.93	4.93	0.74	1,481
ML-2	7/18/1996	7:00	Mid	1.6	0.8	29.91	6.93	4.91	0.74	1,483
ML-2	7/18/1996	7:00	Bottom	1.6	1.4	29.96	6.91	4.89	0.74	1,484
ML-3	7/18/1996	7:05	Surface	0.9	0.2	29.82	6.89	4.97	0.72	1,450
ML-3	7/18/1996	7:05	Mid	0.9	0.4	29.81	6.87	4.94	0.72	1,452
ML-3	7/18/1996	7:05	Bottom	0.9	0.7	29.82	6.85	4.91	0.72	1,454
ML-4	7/18/1996	7:10	Surface	2.5	0.2	29.92	6.96	4.85	0.82	1,646
ML-4	7/18/1996	7:10	Mid	2.5	1.0	29.91	6.96	4.83	0.83	1,663
ML-4	7/18/1996	7:10	Bottom	2.5	2.3	29.83	6.95	4.83	0.85	1,706
ML-5	7/18/1996	7:20	Surface	1.8	0.2	28.79	6.94	5.32	2.02	3,846
ML-5	7/18/1996	7:20	Mid	1.8	0.9	29.19	6.90	5.25	2.32	4,400
ML-5	7/18/1996	7:20	Bottom	1.8	1.6	29.15	6.88	5.26	2.35	4,448
MU-1	7/18/1996	6:00	Surface	1.3	0.2	30.61	6.80	4.86	0.14	301
MU-1	7/18/1996	6:00	Mid	1.3	0.6	30.61	6.79	4.89	0.14	304
MU-1	7/18/1996	6:00	Bottom	1.3	1.1	30.59	6.78	5.09	0.14	307
MU-2	7/18/1996	6:10	Surface	3.6	0.2	30.50	6.82	4.25	0.15	327
MU-2	7/18/1996	6:10	Mid	3.6	1.0	30.51	6.80	4.21	0.15	316
MU-2	7/18/1996	6:10	Bottom	3.6	3.4	30.49	6.76	4.24	0.15	320
MU-3	7/18/1996	6:25	Surface	1.9	0.2	30.34	6.80	4.23	0.15	324

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductivity (µS/cm)
MU-3	7/18/1996	6:25	Mid	1.9	0.9	30.39	6.78	4.23	0.15	325
MU-3	7/18/1996	6:25	Bottom	1.9	1.7	30.39	6.76	4.24	0.15	331
MU-4	7/18/1996	6:35	Surface	1.9	0.2	29.99	6.80	4.25	0.18	371
MU-4	7/18/1996	6:35	Mid	1.9	0.9	29.95	6.78	4.26	0.18	368
MU-4	7/18/1996	6:35	Bottom	1.9	1.7	29.85	6.76	4.40	0.18	364
MU-5	7/18/1996	6:40	Surface	2.4	0.2	30.00	6.85	4.47	0.20	424
MU-5	7/18/1996	6:40	Mid	2.4	1.0	30.07	6.84	4.46	0.20	425
MU-5	7/18/1996	6:40	Bottom	2.4	2.2	30.01	6.81	4.46	0.21	436
10-1	8/22/1996	6:30	Surface	3.5	0.2	28.79	7.73	5.85	32.23	49,442
10-1	8/22/1996	6:30	Mid	3.5	1.0	28.81	7.71	5.81	32.24	49,458
10-1	8/22/1996	6:30	Bottom	3.5	3.3	28.79	7.66	5.29	32.28	49,514
10-2	8/22/1996	6:00	Surface	3.5	0.2	28.53	7.60	5.59	32.64	50,004
10-2	8/22/1996	6:00	Mid	3.5	1.0	28.57	7.60	5.62	32.67	50,034
10-2	8/22/1996	6:00	Bottom	3.5	3.3	28.68	7.60	5.59	32.97	50,485
10-3	8/22/1996	6:45	Surface	3.1	0.2	28.49	7.62	5.43	33.02	50,507
10-3	8/22/1996	6:45	Mid	3.1	1.0	28.50	7.61	5.44	33.04	50,541
10-3	8/22/1996	6:45	Bottom	3.1	2.9	28.49	7.59	5.46	33.04	50,542
10-4	8/22/1996	7:00	Surface	1.6	0.2	28.10	7.65	4.04	32.68	50,035
10-4	8/22/1996	7:00	Mid	1.6	0.8	28.12	7.63	3.90	32.68	50,036
10-4	8/22/1996	7:00	Bottom	1.6	1.4	28.12	7.56	3.82	32.69	50,042
10-5	8/22/1996	7:15	Surface	1.6	0.2	28.62	7.69	5.56	32.97	50,453
10-5	8/22/1996	7:15	Mid	1.6	0.8	28.61	7.68	5.44	32.98	50,464
10-5	8/22/1996	7:15	Bottom	1.6	1.4	28.62	7.65	5.31	32.98	50,462
11-1	8/22/1996	6:20	Surface	3.1	0.2	29.12	7.61	5.69	32.22	49,449
11-1	8/22/1996	6:20	Mid	3.1	1.0	29.13	7.60	5.68	32.23	49,457
11-1	8/22/1996	6:20	Bottom	3.1	2.9	29.14	7.58	5.68	32.23	49,455
11-2	8/22/1996	6:15	Surface	3.7	0.2	28.68	7.62	5.73	32.21	49,412
11-2	8/22/1996	6:15	Mid	3.7	1.0	28.73	7.61	5.65	32.31	49,557
11-2	8/22/1996	6:15	Bottom	3.7	3.5	28.80	7.59	5.61	32.44	49,736
11-3	8/22/1996	5:50	Surface	2.7	0.2	28.63	7.50	4.90	31.83	48,888
11-3	8/22/1996	5:50	Mid	2.7	1.0	28.96	7.51	4.88	32.30	49,549
11-3	8/22/1996	5:50	Bottom	2.7	2.5	28.89	7.47	4.78	32.32	49,579
11-4	8/22/1996	7:10	Surface	2.7	0.2	28.80	7.67	5.16	32.79	50,213
11-4	8/22/1996	7:10	Mid	2.7	1.0	28.84	7.64	5.13	32.80	50,220
11-4	8/22/1996	7:10	Bottom	2.7	2.5	28.83	7.62	5.13	32.81	50,238
11-5	8/22/1996	7:20	Surface	2.7	0.2	28.63	7.67	5.03	32.30	49,537
11-5	8/22/1996	7:20	Mid	2.7	1.0	28.18	7.66	4.92	32.47	49,758
11-5	8/22/1996	7:20	Bottom	2.7	2.5	28.81	7.63	4.74	32.80	50,232
13-1	8/20/1996	5:45	Surface	1.9	0.2	29.46	7.46	4.61	30.89	47,629
13-1	8/20/1996	5:45	Mid	1.9	0.9	29.95	7.45	4.51	31.44	48,422
13-1	8/20/1996	5:45	Bottom	1.9	1.7	29.97	7.44	4.53	31.92	49,078
13-2	8/20/1996	5:50	Surface	2.2	0.2	29.22	7.50	4.56	24.86	46,211
13-2	8/20/1996	5:50	Mid	2.2	1.0	29.35	7.51	4.48	30.59	47,221
13-2	8/20/1996	5:50	Bottom	2.2	2.0	29.90	7.53	4.39	31.48	48,471
13-3	8/20/1996	6:00	Surface	4.0	0.2	29.53	7.69	4.52	28.72	44,636
13-3	8/20/1996	6:00	Mid	4.0	1.0	29.70	7.64	4.58	29.24	45,364
13-3	8/20/1996	6:00	Bottom	4.0	3.8	30.10	7.62	4.54	30.73	47,451
13-4	8/20/1996	6:20	Surface	2.2	0.2	29.81	7.75	3.69	27.34	42,694

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductance (µS/cm)
13-4	8/20/1996	6:20	Mid	2.2	1.0	29.91	7.77	4.07	28.03	43,640
13-4	8/20/1996	6:20	Bottom	2.2	2.0	29.91	7.75	4.06	28.05	43,715
13-5	8/20/1996	6:30	Surface	1.8	0.2	29.76	7.90	4.05	26.40	41,412
13-5	8/20/1996	6:30	Mid	1.8	0.9	29.88	7.86	4.08	26.90	42,106
13-5	8/20/1996	6:30	Bottom	1.8	1.6	30.03	7.85	4.13	27.73	43,287
14-1	8/20/1996	6:40	Surface	3.8	0.2	29.57	7.99	4.12	26.38	41,375
14-1	8/20/1996	6:40	Mid	3.8	1.0	29.81	7.96	4.16	26.72	41,851
14-1	8/20/1996	6:40	Bottom	3.8	3.6	30.05	7.91	4.15	27.55	43,036
14-2	8/20/1996	6:50	Surface	2.0	0.2	29.31	8.12	4.38	26.38	41,360
14-2	8/20/1996	6:50	Mid	2.0	1.0	29.29	8.10	4.41	26.38	41,363
14-2	8/20/1996	6:50	Bottom	2.0	1.8	29.28	8.14	4.52	26.38	41,357
14-3	8/20/1996	7:00	Surface	1.0	0.2	29.56	8.37	5.49	26.60	41,670
14-3	8/20/1996	7:00	Mid	1.0	0.5	29.59	8.36	5.47	26.68	41,782
14-3	8/20/1996	7:00	Bottom	1.0	0.8	29.59	8.36	5.46	26.65	41,747
14-4	8/20/1996	7:10	Surface	2.0	0.2	29.40	8.38	5.46	28.29	44,040
14-4	8/20/1996	7:10	Mid	2.0	1.0	29.40	8.37	5.26	28.34	44,118
14-4	8/20/1996	7:10	Bottom	2.0	1.8	29.85	8.24	4.42	29.05	45,125
14-5	8/20/1996	7:20	Surface	1.8	0.2	29.32	8.38	5.53	28.49	44,311
14-5	8/20/1996	7:20	Mid	1.8	0.9	29.35	8.36	5.44	28.53	44,373
14-5	8/20/1996	7:20	Bottom	1.8	1.6	29.69	8.27	4.16	29.19	45,307
16-1	8/21/1996	5:40	Surface	1.8	0.2	28.84	7.41	4.59	30.03	46,429
16-1	8/21/1996	5:40	Mid	1.8	0.9	28.90	7.40	4.55	30.16	46,615
16-1	8/21/1996	5:40	Bottom	1.8	1.6	28.88	7.34	4.57	30.60	47,216
16-2	8/21/1996	5:55	Surface	2.6	0.2	28.68	7.33	4.73	30.98	47,707
16-2	8/21/1996	5:55	Mid	2.6	1.0	28.75	7.33	4.74	31.01	47,781
16-2	8/21/1996	5:55	Bottom	2.6	2.4	28.78	7.32	4.70	31.09	47,891
16-3	8/21/1996	6:10	Surface	2.0	0.2	28.71	7.32	4.48	31.11	47,912
16-3	8/21/1996	6:10	Mid	2.0	1.0	28.88	7.32	4.58	31.30	48,211
16-3	8/21/1996	6:10	Bottom	2.0	1.8	29.13	7.37	4.84	32.25	49,443
16-4	8/21/1996	6:20	Surface	1.6	0.2	28.80	7.36	4.92	31.78	48,842
16-4	8/21/1996	6:20	Mid	1.6	0.8	28.82	7.36	5.01	31.79	48,854
16-4	8/21/1996	6:20	Bottom	1.6	1.4	29.08	7.36	5.09	32.19	49,465
16-5	8/21/1996	6:30	Surface	1.0	0.2	29.08	7.46	4.94	32.66	50,037
16-5	8/21/1996	6:30	Mid	1.0	0.5	29.02	7.44	4.94	32.55	49,880
16-5	8/21/1996	6:30	Bottom	1.0	0.8	29.07	7.44	5.13	32.66	50,044
LB-1	8/21/1996	7:15	Surface	1.5	0.2	29.01	7.10	4.03	25.53	40,652
LB-1	8/21/1996	7:15	Mid	1.5	0.7	29.17	7.11	3.99	25.93	40,721
LB-1	8/21/1996	7:15	Bottom	1.5	1.3	29.38	7.05	3.97	26.00	40,828
LB-2	8/21/1996	7:25	Surface	1.0	0.2	29.14	7.24	4.18	25.31	39,835
LB-2	8/21/1996	7:25	Mid	1.0	0.5	29.04	7.24	3.65	25.38	39,927
LB-2	8/21/1996	7:25	Bottom	1.0	0.8	28.65	7.31	3.66	26.03	40,834
LB-3	8/21/1996	7:40	Surface	1.3	0.2	28.45	7.74	5.33	28.39	44,138
LB-3	8/21/1996	7:40	Mid	1.3	0.6	28.45	7.72	5.32	28.40	44,145
LB-3	8/21/1996	7:40	Bottom	1.3	1.1	28.49	7.71	5.30	28.40	44,159
LB-4	8/21/1996	7:50	Surface	2.6	0.2	28.51	7.86	5.22	30.57	47,163
LB-4	8/21/1996	7:50	Mid	2.6	1.0	28.52	7.81	5.01	30.62	47,230
LB-4	8/21/1996	7:50	Bottom	2.6	2.4	28.58	7.75	4.82	30.89	47,604
LB-5	8/21/1996	8:00	Surface	0.7	0.2	27.92	7.63	3.98	31.09	47,850
LB-5	8/21/1996	8:00	Mid	0.7	0.3	27.95	7.62	3.04	31.10	47,861

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductance (µS/cm)
LB-5	8/21/1996	8:00	Bottom	0.7	0.5	27.97	7.62	3.11	31.10	47,861
ML-1	8/19/1996	6:40	Surface	2.5	0.2	30.03	6.55	4.84	0.69	1,392
ML-1	8/19/1996	6:40	Mid	2.5	1.0	29.95	6.53	4.73	0.71	1,427
ML-1	8/19/1996	6:40	Bottom	2.5	2.3	29.99	6.47	4.65	0.91	1,803
ML-2	8/19/1996	6:50	Surface	1.5	0.2	30.18	6.66	5.01	0.85	1,706
ML-2	8/19/1996	6:50	Mid	1.5	0.7	30.19	6.65	4.96	0.81	1,709
ML-2	8/19/1996	6:50	Bottom	1.5	1.3	30.17	6.63	4.97	0.82	1,733
ML-3	8/19/1996	6:55	Surface	2.3	0.2	30.00	6.73	5.02	0.95	1,889
ML-3	8/19/1996	6:55	Mid	2.3	1.0	30.01	6.72	5.00	0.95	1,887
ML-3	8/19/1996	6:55	Bottom	2.3	2.1	30.00	6.71	5.00	0.96	1,917
ML-4	8/19/1996	7:05	Surface	5.5	0.2	30.01	6.76	5.05	1.27	2,492
ML-4	8/19/1996	7:05	Mid	5.5	1.0	30.02	6.76	5.04	1.28	2,511
ML-4	8/19/1996	7:05	Bottom	5.5	5.3	29.94	6.74	5.06	1.28	2,513
ML-5	8/19/1996	7:20	Surface	2.4	0.2	29.12	6.84	5.44	2.52	4,740
ML-5	8/19/1996	7:20	Mid	2.4	1.0	29.24	6.75	5.33	3.36	6,208
ML-5	8/19/1996	7:20	Bottom	2.4	2.2	29.14	6.73	5.33	3.55	6,537
MU-1	8/19/1996	5:45	Surface	2.4	0.2	30.17	6.48	5.00	0.10	225
MU-1	8/19/1996	5:45	Mid	2.4	1.0	30.16	6.48	5.00	0.10	225
MU-1	8/19/1996	5:45	Bottom	2.4	2.2	30.17	6.47	5.07	0.10	223
MU-2	8/19/1996	6:00	Surface	2.1	0.2	29.78	6.45	4.57	0.11	232
MU-2	8/19/1996	6:00	Mid	2.1	1.0	29.77	6.45	4.56	0.11	231
MU-2	8/19/1996	6:00	Bottom	2.1	1.9	29.74	6.44	4.56	0.11	232
MU-3	8/19/1996	6:15	Surface	2.1	0.2	30.05	6.48	4.56	0.11	232
MU-3	8/19/1996	6:15	Mid	2.1	1.0	30.04	6.47	4.57	0.11	236
MU-3	8/19/1996	6:15	Bottom	2.1	1.9	30.06	6.46	4.58	0.11	233
MU-4	8/19/1996	6:30	Surface	1.8	0.2	29.10	6.47	4.40	0.11	237
MU-4	8/19/1996	6:30	Mid	1.8	0.9	29.62	6.47	4.40	0.11	235
MU-4	8/19/1996	6:30	Bottom	1.8	1.6	29.55	6.48	4.46	0.11	237
MU-5	8/19/1996	6:35	Surface	2.8	0.2	30.10	6.52	4.80	0.14	298
MU-5	8/19/1996	6:35	Mid	2.8	1.0	30.12	6.50	4.77	0.14	301
MU-5	8/19/1996	6:35	Bottom	2.8	2.6	30.10	6.48	4.74	0.12	271
10-1	9/23/1996	7:05	Surface	3.5	0.2	28.32	7.73	4.59	32.07	49,216
10-1	9/23/1996	7:05	Mid	3.5	1.0	28.31	7.71	4.64	32.06	49,203
10-1	9/23/1996	7:05	Bottom	3.5	3.3	28.31	7.69	4.77	31.74	48,774
10-2	9/23/1996	7:30	Surface	2.3	0.2	28.57	7.83	5.38	32.55	49,876
10-2	9/23/1996	7:30	Mid	2.3	1.0	28.59	7.82	5.34	32.56	49,892
10-2	9/23/1996	7:30	Bottom	2.3	2.1	28.60	7.81	5.31	32.56	49,886
10-3	9/23/1996	7:20	Surface	2.5	0.2	28.57	7.77	5.32	32.50	49,806
10-3	9/23/1996	7:20	Mid	2.5	1.0	28.59	7.76	5.29	32.50	49,811
10-3	9/23/1996	7:20	Bottom	2.5	2.3	28.60	7.74	5.30	30.96	47,705
10-4	9/23/1996	7:45	Surface	3.2	0.2	28.51	7.92	5.29	32.44	49,728
10-4	9/23/1996	7:45	Mid	3.2	1.0	28.52	7.90	5.26	32.42	49,704
10-4	9/23/1996	7:45	Bottom	3.2	3.0	28.52	7.89	5.28	31.56	48,531
10-5	9/23/1996	8:00	Surface	2.1	0.2	28.38	7.92	4.68	32.09	49,236
10-5	9/23/1996	8:00	Mid	2.1	1.0	28.41	7.91	4.64	32.10	49,246
10-5	9/23/1996	8:00	Bottom	2.1	1.9	28.41	7.88	4.41	31.99	49,115
11-1	9/23/1996	7:00	Surface	3.2	0.2	28.79	7.79	5.51	31.53	48,488
11-1	9/23/1996	7:00	Mid	3.2	1.0	28.83	7.78	5.47	31.52	48,482

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductivity (µS/cm)
11-1	9/23/1996	7:00	Bottom	3.2	3.0	28.84	7.77	5.49	30.34	46,869
11-2	9/23/1996	6:50	Surface	3.2	0.2	28.72	7.55	5.26	31.85	48,930
11-2	9/23/1996	6:50	Mid	3.2	1.0	28.78	7.53	5.19	31.90	49,020
11-2	9/23/1996	6:50	Bottom	3.2	3.0	29.14	7.51	5.07	32.10	49,293
11-3	9/23/1996	7:35	Surface	2.7	0.2	28.71	7.86	4.69	31.87	48,948
11-3	9/23/1996	7:35	Mid	2.7	1.0	28.71	7.85	4.65	31.87	48,951
11-3	9/23/1996	7:35	Bottom	2.7	2.5	28.72	7.84	4.64	30.53	47,107
11-4	9/23/1996	8:10	Surface	4.3	0.2	28.54	7.94	4.49	31.31	48,186
11-4	9/23/1996	8:10	Mid	4.3	1.0	28.57	7.93	4.52	31.32	48,199
11-4	9/23/1996	8:10	Bottom	4.3	4.1	28.70	7.93	4.54	30.90	47,360
11-5	9/23/1996	7:55	Surface	2.9	0.2	28.48	7.88	4.59	30.56	47,277
11-5	9/23/1996	7:55	Mid	2.9	1.0	29.01	7.87	4.05	31.65	48,665
11-5	9/23/1996	7:55	Bottom	2.9	2.7	29.01	7.82	3.73	31.61	48,569
13-1	9/26/1996	6:00	Surface	3.9	0.2	27.11	7.48	5.50	28.76	44,600
13-1	9/26/1996	6:00	Mid	3.9	1.0	27.15	7.47	5.50	28.77	44,612
13-1	9/26/1996	6:00	Bottom	3.9	3.7	27.76	7.48	5.42	30.55	47,111
13-2	9/26/1996	6:10	Surface	1.6	0.2	26.83	7.49	5.42	22.86	43,345
13-2	9/26/1996	6:10	Mid	1.6	0.8	27.03	7.49	5.37	28.55	44,295
13-2	9/26/1996	6:10	Bottom	1.6	1.4	27.88	7.47	4.66	30.41	46,925
13-3	9/26/1996	6:20	Surface	1.2	0.2	26.53	7.26	4.53	20.02	31,899
13-3	9/26/1996	6:20	Mid	1.2	0.6	26.82	7.47	5.07	27.98	43,492
13-3	9/26/1996	6:20	Bottom	1.2	1.0	26.88	7.49	5.05	28.10	43,677
13-4	9/26/1996	6:30	Surface	4.0	0.2	27.06	7.62	5.61	27.92	43,421
13-4	9/26/1996	6:30	Mid	4.0	1.0	27.02	7.61	5.56	27.92	43,422
13-4	9/26/1996	6:30	Bottom	4.0	3.8	26.97	7.60	5.56	27.93	43,437
13-5	9/26/1996	6:40	Surface	1.6	0.2	26.88	7.67	5.85	27.85	43,335
13-5	9/26/1996	6:40	Mid	1.6	0.8	26.87	7.67	5.84	27.84	43,311
13-5	9/26/1996	6:40	Bottom	1.6	1.4	26.84	7.69	5.83	27.83	43,293
14-1	9/26/1996	6:50	Surface	2.2	0.2	26.85	7.68	5.90	27.88	43,363
14-1	9/26/1996	6:50	Mid	2.2	1.0	26.85	7.69	5.88	27.88	43,366
14-1	9/26/1996	6:50	Bottom	2.2	2.0	26.86	7.72	5.83	27.88	43,562
14-2	9/26/1996	7:00	Surface	1.0	0.2	26.45	7.80	5.84	28.24	43,859
14-2	9/26/1996	7:00	Mid	1.0	0.5	26.38	7.80	5.79	28.31	43,955
14-2	9/26/1996	7:00	Bottom	1.0	0.8	26.32	7.80	5.76	28.33	43,982
14-3	9/26/1996	7:10	Surface	2.2	0.2	26.45	7.95	6.12	28.26	43,876
14-3	9/26/1996	7:10	Mid	2.2	1.0	26.48	7.96	6.29	28.25	43,874
14-3	9/26/1996	7:10	Bottom	2.2	2.0	26.56	7.97	6.34	28.29	43,934
14-4	9/26/1996	7:20	Surface	1.6	0.2	26.67	7.97	6.08	29.65	45,818
14-4	9/26/1996	7:20	Mid	1.6	0.8	26.68	7.97	6.05	29.65	45,816
14-4	9/26/1996	7:20	Bottom	1.6	1.4	26.63	8.00	6.03	29.64	45,804
14-5	9/26/1996	7:30	Surface	0.9	0.2	26.83	7.91	5.46	30.23	46,626
14-5	9/26/1996	7:30	Mid	0.9	0.4	26.82	7.90	5.40	30.22	46,611
14-5	9/26/1996	7:30	Bottom	0.9	0.7	26.74	7.90	5.15	30.18	46,570
16-1	9/24/1996	6:15	Surface	4.2	0.2	27.44	7.81	5.08	29.58	45,766
16-1	9/24/1996	6:15	Mid	4.2	1.0	27.45	7.80	5.08	29.58	45,768
16-1	9/24/1996	6:15	Bottom	4.2	4.0	27.45	7.78	5.08	29.54	45,711
16-2	9/24/1996	6:25	Surface	4.4	0.2	27.89	7.76	4.25	29.79	46,053
16-2	9/24/1996	6:25	Mid	4.4	1.0	27.89	7.75	4.73	29.80	46,069
16-2	9/24/1996	6:25	Bottom	4.4	4.2	27.93	7.72	4.68	29.77	46,031

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conductivity
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)
16-3	9/24/1996	6:40	Surface	1.2	0.2	28.09	7.69	5.12	30.98	47,712
16-3	9/24/1996	6:40	Mid	1.2	0.6	28.14	7.68	5.08	31.01	47,755
16-3	9/24/1996	6:40	Bottom	1.2	1.0	28.17	7.68	5.05	31.04	47,786
16-4	9/24/1996	6:50	Surface	1.5	0.2	28.21	7.69	4.82	31.40	48,290
16-4	9/24/1996	6:50	Mid	1.5	0.7	28.22	7.68	4.81	31.40	48,293
16-4	9/24/1996	6:50	Bottom	1.5	1.3	28.23	7.66	4.79	31.40	48,296
16-5	9/24/1996	7:00	Surface	2.7	0.2	28.10	7.67	4.63	31.63	48,600
16-5	9/24/1996	7:00	Mid	2.7	1.0	28.11	7.67	4.64	31.63	48,593
16-5	9/24/1996	7:00	Bottom	2.7	2.5	28.13	7.66	4.65	31.62	48,590
LB-1	9/24/1996	8:00	Surface	3.7	0.2	28.92	7.31	4.18	26.43	41,411
LB-1	9/24/1996	8:00	Mid	3.7	1.0	28.92	7.29	4.16	26.44	41,430
LB-1	9/24/1996	8:00	Bottom	3.7	3.5	28.92	7.27	4.15	26.43	41,418
LB-2	9/24/1996	8:10	Surface	0.9	0.2	28.59	7.55	4.75	25.94	40,772
LB-2	9/24/1996	8:10	Mid	0.9	0.4	28.51	7.54	4.41	26.01	40,802
LB-2	9/24/1996	8:10	Bottom	0.9	0.7	28.49	7.52	4.29	26.02	40,818
LB-3	9/24/1996	8:20	Surface	1.4	0.2	28.08	7.75	5.06	27.25	42,535
LB-3	9/24/1996	8:20	Mid	1.4	0.7	28.05	7.74	5.01	27.26	42,542
LB-3	9/24/1996	8:20	Bottom	1.4	1.2	28.01	7.73	5.00	27.25	42,535
LB-4	9/24/1996	8:30	Surface	1.7	0.2	28.09	7.90	5.46	28.72	44,588
LB-4	9/24/1996	8:30	Mid	1.7	0.8	28.08	7.89	5.39	28.71	44,572
LB-4	9/24/1996	8:30	Bottom	1.7	1.5	28.09	7.88	5.39	28.71	44,571
LB-5	9/24/1996	8:40	Surface	2.2	0.2	28.07	7.89	5.09	29.16	45,194
LB-5	9/24/1996	8:40	Mid	2.2	1.0	27.93	7.86	4.79	29.24	44,283
LB-5	9/24/1996	8:40	Bottom	2.2	2.0	27.69	7.83	4.37	28.41	43,999
ML-1	9/25/1996	7:35	Surface	2.8	0.2	27.28	6.90	5.24	2.16	4,092
ML-1	9/25/1996	7:35	Mid	2.8	1.0	27.27	6.89	5.22	2.21	4,789
ML-1	9/25/1996	7:35	Bottom	2.8	2.6	27.09	6.90	5.30	2.39	4,426
ML-2	9/25/1996	7:40	Surface	1.5	0.2	27.29	6.91	5.22	3.06	5,671
ML-2	9/25/1996	7:40	Mid	1.5	0.7	27.28	6.97	5.20	3.06	5,687
ML-2	9/25/1996	7:40	Bottom	1.5	1.3	27.26	6.95	5.18	3.07	5,701
ML-3	9/25/1996	7:45	Surface	1.0	0.2	27.16	6.96	5.11	3.09	5,726
ML-3	9/25/1996	7:45	Mid	1.0	0.5	27.17	6.95	5.09	3.09	5,728
ML-3	9/25/1996	7:45	Bottom	1.0	0.8	27.16	6.93	5.11	3.09	5,730
ML-4	9/25/1996	7:50	Surface	1.3	0.2	27.24	6.98	5.23	3.43	6,322
ML-4	9/25/1996	7:50	Mid	1.3	0.6	27.25	6.97	5.19	3.47	6,383
ML-4	9/25/1996	7:50	Bottom	1.3	1.1	27.23	6.95	5.19	3.49	6,419
ML-5	9/25/1996	8:00	Surface	2.5	0.2	26.75	6.95	5.36	4.94	8,889
ML-5	9/25/1996	8:00	Mid	2.5	1.0	26.71	6.94	5.35	5.11	9,156
ML-5	9/25/1996	8:00	Bottom	2.5	2.3	26.41	6.95	5.38	5.53	9,845
MU-1	9/25/1996	7:00	Surface	1.0	0.2	27.51	6.89	4.70	0.14	285
MU-1	9/25/1996	7:00	Mid	1.0	0.5	27.51	6.88	4.70	0.13	283
MU-1	9/25/1996	7:00	Bottom	1.0	0.8	27.50	6.88	4.72	0.13	283
MU-2	9/25/1996	7:05	Surface	1.7	0.2	27.83	6.93	4.68	0.13	287
MU-2	9/25/1996	7:05	Mid	1.7	0.8	27.85	6.92	4.64	0.14	291
MU-2	9/25/1996	7:05	Bottom	1.7	1.5	27.83	6.90	4.42	0.09	194
MU-3	9/25/1996	7:15	Surface	3.4	0.2	27.73	6.93	4.79	0.15	317
MU-3	9/25/1996	7:15	Mid	3.4	1.0	27.73	6.92	4.77	0.15	319
MU-3	9/25/1996	7:15	Bottom	3.4	3.2	27.71	6.93	4.75	0.15	320
MU-4	9/25/1996	7:20	Surface	2.5	0.2	27.42	6.94	5.07	0.17	368

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductance (µS/cm)
MU-4	9/25/1996	7:20	Mid	2.5	1.0	27.43	6.93	5.07	0.18	380
MU-4	9/25/1996	7:20	Bottom	2.5	2.3	27.44	6.93	5.06	0.17	379
MU-5	9/25/1996	7:30	Surface	1.8	0.2	27.27	6.88	5.23	1.01	1,999
MU-5	9/25/1996	7:30	Mid	1.8	0.9	27.27	6.87	5.22	1.01	1,997
MU-5	9/25/1996	7:30	Bottom	1.8	1.6	27.27	6.87	5.21	1.02	2,005
10-1	10/21/1996	6:25	Surface	3.7	0.2	22.82	7.78	6.50	31.87	48,761
10-1	10/21/1996	6:25	Mid	3.7	1.0	22.84	7.76	6.50	31.88	48,770
10-1	10/21/1996	6:25	Bottom	3.7	3.5	22.84	7.76	6.48	31.87	48,768
10-2	10/21/1996	6:50	Surface	2.2	0.2	22.52	7.82	6.17	32.25	49,269
10-2	10/21/1996	6:50	Mid	2.2	1.0	22.52	7.82	6.16	32.26	49,285
10-2	10/21/1996	6:50	Bottom	2.2	2.0	22.52	7.82	6.13	32.25	49,276
10-3	10/21/1996	6:35	Surface	4.0	0.2	22.68	7.75	6.25	32.32	49,382
10-3	10/21/1996	6:35	Mid	4.0	1.0	22.71	7.75	6.24	32.33	49,387
10-3	10/21/1996	6:35	Bottom	4.0	3.8	22.69	7.77	6.19	32.31	49,359
10-4	10/21/1996	7:05	Surface	4.5	0.2	22.55	7.86	6.24	32.26	49,289
10-4	10/21/1996	7:05	Mid	4.5	1.0	22.52	7.83	6.23	32.35	49,413
10-4	10/21/1996	7:05	Bottom	4.5	4.3	22.56	7.82	6.20	32.37	49,437
10-5	10/21/1996	7:35	Surface	1.8	0.2	22.72	7.87	6.01	32.23	49,249
10-5	10/21/1996	7:35	Mid	1.8	0.9	22.70	7.86	5.95	32.26	49,245
10-5	10/21/1996	7:35	Bottom	1.8	1.6	22.72	7.84	5.92	32.27	49,249
11-1	10/21/1996	6:10	Surface	2.9	0.2	22.87	7.70	6.89	31.88	48,775
11-1	10/21/1996	6:10	Mid	2.9	1.0	22.89	7.69	6.87	31.88	48,782
11-1	10/21/1996	6:10	Bottom	2.9	2.7	22.90	7.68	6.80	31.88	48,783
11-2	10/21/1996	6:00	Surface	3.4	0.2	22.90	7.56	7.05	31.72	48,561
11-2	10/21/1996	6:00	Mid	3.4	1.0	22.97	7.53	6.87	31.74	48,585
11-2	10/21/1996	6:00	Bottom	3.4	3.2	23.37	7.43	6.06	32.07	49,057
11-3	10/21/1996	8:00	Surface	2.6	0.2	22.51	7.97	6.39	31.89	48,781
11-3	10/21/1996	8:00	Mid	2.6	1.0	22.58	7.96	6.36	31.90	48,789
11-3	10/21/1996	8:00	Bottom	2.6	2.4	22.59	7.95	6.35	31.90	48,799
11-4	10/21/1996	7:45	Surface	2.2	0.2	22.11	7.94	5.97	31.52	48,237
11-4	10/21/1996	7:45	Mid	2.2	1.0	22.14	7.92	6.13	31.53	48,257
11-4	10/21/1996	7:45	Bottom	2.2	2.0	22.34	7.93	6.16	31.72	48,582
11-5	10/21/1996	7:20	Surface	2.6	0.2	22.32	7.96	6.80	31.12	47,227
11-5	10/21/1996	7:20	Mid	2.6	1.0	22.54	7.94	6.57	31.31	47,997
11-5	10/21/1996	7:20	Bottom	2.6	2.4	23.11	7.87	5.72	31.86	48,756
13-1	10/24/1996	5:45	Surface	1.6	0.2	24.83	7.60	5.98	27.26	42,421
13-1	10/24/1996	5:45	Mid	1.6	0.8	25.86	7.60	5.96	27.51	42,800
13-1	10/24/1996	5:45	Bottom	1.6	1.4	28.87	7.59	5.96	27.84	43,260
13-2	10/24/1996	6:00	Surface	1.6	0.2	24.78	7.60	5.60	27.20	42,300
13-2	10/24/1996	6:00	Mid	1.6	0.8	24.79	7.61	5.63	27.20	42,357
13-2	10/24/1996	6:00	Bottom	1.6	1.4	24.88	7.69	4.97	29.06	44,937
13-3	10/24/1996	6:20	Surface	1.4	0.2	24.87	7.72	6.39	26.21	40,966
13-3	10/24/1996	6:20	Mid	1.4	0.7	24.88	7.72	6.40	26.21	40,969
13-3	10/24/1996	6:20	Bottom	1.4	1.2	24.88	7.73	6.44	26.23	40,999
13-4	10/24/1996	6:30	Surface	3.8	0.2	24.83	7.76	6.57	26.11	40,821
13-4	10/24/1996	6:30	Mid	3.8	1.0	24.84	7.77	6.58	26.12	40,833
13-4	10/24/1996	6:30	Bottom	3.8	3.6	24.84	7.78	6.59	26.13	40,854
13-5	10/24/1996	6:45	Surface	2.0	0.2	24.79	7.82	6.73	25.51	39,927

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductivity (µS/cm)
13-5	10/24/1996	6:45	Mid	2.0	1.0	24.95	7.80	5.92	25.82	40,435
13-5	10/24/1996	6:45	Bottom	2.0	1.8	25.24	7.61	4.70	26.52	41,495
14-1	10/24/1996	7:00	Surface	2.3	0.2	24.51	7.95	7.85	25.27	39,635
14-1	10/24/1996	7:00	Mid	2.3	1.0	24.65	7.92	7.64	25.38	39,800
14-1	10/24/1996	7:00	Bottom	2.3	2.1	25.07	7.71	5.01	26.08	40,853
14-2	10/24/1996	7:10	Surface	1.8	0.2	24.65	7.89	6.86	25.19	39,525
14-2	10/24/1996	7:10	Mid	1.8	0.9	24.88	7.81	6.35	25.77	40,428
14-2	10/24/1996	7:10	Bottom	1.8	1.6	24.94	7.78	5.77	25.98	40,641
14-3	10/24/1996	7:20	Surface	1.6	0.2	24.76	7.99	7.54	24.87	39,074
14-3	10/24/1996	7:20	Mid	1.6	0.8	24.86	7.93	6.04	25.13	39,445
14-3	10/24/1996	7:20	Bottom	1.6	1.4	24.52	7.69	5.63	25.65	40,464
14-4	10/24/1996	7:30	Surface	0.9	0.2	24.70	8.01	6.89	25.43	39,866
14-4	10/24/1996	7:30	Mid	0.9	0.4	24.85	8.02	6.76	25.49	39,964
14-4	10/24/1996	7:30	Bottom	0.9	0.7	24.91	8.05	6.05	25.65	40,224
14-5	10/24/1996	7:45	Surface	1.5	0.2	24.64	8.08	8.12	26.25	41,018
14-5	10/24/1996	7:45	Mid	1.5	0.7	24.66	8.09	7.68	26.25	41,020
14-5	10/24/1996	7:45	Bottom	1.5	1.3	25.18	7.84	6.28	27.47	42,712
16-1	10/23/1996	6:00	Surface	1.7	0.2	23.74	7.61	6.44	26.96	41,987
16-1	10/23/1996	6:00	Mid	1.7	0.8	23.75	7.60	6.39	26.99	42,029
16-1	10/23/1996	6:00	Bottom	1.7	1.5	23.75	7.59	6.44	27.01	42,061
16-2	10/23/1996	6:10	Surface	4.2	0.2	23.76	7.61	5.82	27.17	42,277
16-2	10/23/1996	6:10	Mid	4.2	1.0	23.84	7.58	5.73	27.38	42,578
16-2	10/23/1996	6:10	Bottom	4.2	4.0	24.22	7.51	5.59	29.14	45,039
16-3	10/23/1996	6:15	Surface	1.8	0.2	23.79	7.61	5.87	28.56	44,249
16-3	10/23/1996	6:15	Mid	1.8	0.9	23.88	7.58	5.72	28.69	44,289
16-3	10/23/1996	6:15	Bottom	1.8	1.6	24.05	7.52	5.68	29.49	45,518
16-4	10/23/1996	6:20	Surface	1.5	0.2	23.87	7.60	5.81	29.75	45,880
16-4	10/23/1996	6:20	Mid	1.5	0.7	23.93	7.57	5.81	29.82	45,667
16-4	10/23/1996	6:20	Bottom	1.5	1.3	23.93	7.55	5.84	29.90	46,077
16-5	10/23/1996	6:25	Surface	0.8	0.2	23.79	7.57	5.53	30.39	46,758
16-5	10/23/1996	6:25	Mid	0.8	0.4	23.69	7.55	5.50	30.37	46,723
16-5	10/23/1996	6:25	Bottom	0.8	0.6	23.54	7.53	5.55	30.32	46,643
LB-1	10/23/1996	7:00	Surface	0.7	0.2	23.51	7.34	5.21	27.26	42,400
LB-1	10/23/1996	7:00	Mid	0.7	0.3	23.50	7.35	5.24	27.28	42,426
LB-1	10/23/1996	7:00	Bottom	0.7	0.5	23.51	7.37	5.38	27.26	42,406
LB-2	10/23/1996	7:10	Surface	2.3	0.2	23.87	7.70	6.65	26.61	41,498
LB-2	10/23/1996	7:10	Mid	2.3	1.0	24.19	7.64	6.65	26.90	42,000
LB-2	10/23/1996	7:10	Bottom	2.3	2.1	24.34	7.66	6.47	26.93	42,063
LB-3	10/23/1996	7:15	Surface	1.4	0.2	23.88	7.75	7.16	26.22	40,956
LB-3	10/23/1996	7:15	Mid	1.4	0.7	23.93	7.74	7.03	26.22	40,958
LB-3	10/23/1996	7:15	Bottom	1.4	1.2	24.13	7.67	6.48	26.45	41,280
LB-4	10/23/1996	7:20	Surface	1.6	0.2	23.70	7.84	6.18	26.24	40,981
LB-4	10/23/1996	7:20	Mid	1.6	0.8	23.75	7.81	6.11	26.28	41,042
LB-4	10/23/1996	7:20	Bottom	1.6	1.4	23.81	7.77	6.14	26.33	41,110
LB-5	10/23/1996	7:30	Surface	2.3	0.2	23.85	7.88	5.72	27.96	43,387
LB-5	10/23/1996	7:30	Mid	2.3	1.0	23.85	7.87	5.56	27.94	43,365
LB-5	10/23/1996	7:30	Bottom	2.3	2.1	24.05	7.82	5.28	28.11	43,600
ML-1	10/22/1996	7:10	Surface	2.1	0.2	22.66	6.73	5.59	0.29	597
ML-1	10/22/1996	7:10	Mid	2.1	1.0	22.65	6.71	5.60	0.30	608

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductivity (µS/cm)
ML-1	10/22/1996	7:10	Bottom	2.1	1.9	22.67	6.69	5.64	0.40	809
ML-2	10/22/1996	7:15	Surface	0.6	0.2	22.84	6.73	5.51	0.59	1,180
ML-2	10/22/1996	7:15	Mid	0.6	0.3	22.84	6.73	5.67	0.59	1,184
ML-2	10/22/1996	7:15	Bottom	0.6	0.4	22.79	6.77	6.22	0.59	1,189
ML-3	10/22/1996	7:20	Surface	0.9	0.2	22.74	6.71	5.60	0.98	1,923
ML-3	10/22/1996	7:20	Mid	0.9	0.4	22.75	6.83	5.58	0.98	1,927
ML-3	10/22/1996	7:20	Bottom	0.9	0.7	23.25	6.75	5.46	2.55	4,719
ML-4	10/22/1996	7:25	Surface	2.8	0.2	22.85	6.85	5.56	0.76	1,515
ML-4	10/22/1996	7:25	Mid	2.8	1.0	22.88	6.86	5.54	0.85	1,674
ML-4	10/22/1996	7:25	Bottom	2.8	2.6	22.93	6.76	5.60	1.57	3,100
ML-5	10/22/1996	7:30	Surface	0.6	0.2	22.85	6.92	5.64	1.14	2,783
ML-5	10/22/1996	7:30	Mid	0.6	0.3	22.83	6.91	5.62	1.45	2,795
ML-5	10/22/1996	7:30	Bottom	0.6	0.4	22.80	6.90	5.15	1.46	2,809
MU-1	10/22/1996	6:15	Surface	1.8	0.2	22.11	6.67	6.00	0.13	265
MU-1	10/22/1996	6:15	Mid	1.8	0.9	22.11	6.65	5.94	0.13	274
MU-1	10/22/1996	6:15	Bottom	1.8	1.6	22.11	6.65	6.12	0.13	271
MU-2	10/22/1996	6:25	Surface	2.0	0.2	21.94	6.75	5.60	0.13	278
MU-2	10/22/1996	6:25	Mid	2.0	1.0	21.94	6.75	5.54	0.13	281
MU-2	10/22/1996	6:25	Bottom	2.0	1.8	21.96	6.75	5.66	0.13	293
MU-3	10/22/1996	6:40	Surface	2.0	0.2	22.16	6.69	5.65	0.13	279
MU-3	10/22/1996	6:40	Mid	2.0	1.0	22.16	6.67	5.69	0.13	272
MU-3	10/22/1996	6:40	Bottom	2.0	1.8	22.17	6.65	5.75	0.13	276
MU-4	10/22/1996	6:50	Surface	1.8	0.2	22.01	6.69	5.47	0.13	284
MU-4	10/22/1996	6:50	Mid	1.8	0.9	21.98	6.68	5.51	0.13	283
MU-4	10/22/1996	6:50	Bottom	1.8	1.6	21.98	6.67	5.55	0.13	297
MU-5	10/22/1996	6:55	Surface	0.9	0.2	22.30	6.68	5.43	0.17	355
MU-5	10/22/1996	6:55	Mid	0.9	0.4	22.31	6.68	5.48	0.18	383
MU-5	10/22/1996	6:55	Bottom	0.9	0.7	22.37	6.71	5.68	0.19	398
10-1	11/18/1996	6:10	Surface	3.5	0.2	19.72	7.63	7.21	32.72	49,881
10-1	11/18/1996	6:10	Mid	3.5	1.0	19.72	7.63	7.25	32.72	49,880
10-1	11/18/1996	6:10	Bottom	3.5	3.3	19.70	7.65	7.32	32.71	49,866
10-2	11/18/1996	6:20	Surface	3.7	0.2	19.89	7.63	7.22	32.44	49,493
10-2	11/18/1996	6:20	Mid	3.7	1.0	19.90	7.64	7.21	32.44	49,493
10-2	11/18/1996	6:20	Bottom	3.7	3.5	19.92	7.67	7.21	32.45	49,508
10-3	11/18/1996	6:30	Surface	2.1	0.2	19.61	7.62	7.20	32.00	48,898
10-3	11/18/1996	6:30	Mid	2.1	1.0	19.62	7.64	7.24	32.00	48,897
10-3	11/18/1996	6:30	Bottom	2.1	1.9	19.62	7.68	7.35	32.00	48,901
10-4	11/18/1996	6:45	Surface	4.5	0.2	20.42	7.92	7.38	32.53	49,627
10-4	11/18/1996	6:45	Mid	4.5	1.0	20.38	7.91	7.33	32.50	49,575
10-4	11/18/1996	6:45	Bottom	4.5	4.3	20.36	7.91	7.31	32.49	49,570
10-5	11/18/1996	6:55	Surface	4.2	0.2	19.72	7.71	6.96	32.24	49,221
10-5	11/18/1996	6:55	Mid	4.2	1.0	19.72	7.73	6.99	32.23	49,212
10-5	11/18/1996	6:55	Bottom	4.2	4.0	19.76	7.78	7.02	32.24	49,230
11-1	11/18/1996	6:00	Surface	3.8	0.2	19.84	7.56	7.22	32.63	49,749
11-1	11/18/1996	6:00	Mid	3.8	1.0	19.84	7.55	7.14	32.63	49,758
11-1	11/18/1996	6:00	Bottom	3.8	3.6	19.87	7.55	7.18	32.71	49,870
11-2	11/18/1996	5:50	Surface	2.6	0.2	20.10	7.52	7.07	32.41	49,466
11-2	11/18/1996	5:50	Mid	2.6	1.0	20.09	7.52	6.93	32.42	49,468

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductivity (µS/cm)
11-2	11/18/1996	5:50	Bottom	2.6	2.4	20.03	7.53	6.91	32.49	49,565
11-3	11/18/1996	7:25	Surface	3.8	0.2	19.84	7.72	6.77	32.37	49,401
11-3	11/18/1996	7:25	Mid	3.8	1.0	19.84	7.72	6.77	32.37	49,403
11-3	11/18/1996	7:25	Bottom	3.8	3.6	19.85	7.72	6.80	32.37	49,400
11-4	11/18/1996	7:15	Surface	4.2	0.2	19.98	7.73	6.82	32.38	49,420
11-4	11/18/1996	7:15	Mid	4.2	1.0	19.98	7.73	6.47	32.38	49,418
11-4	11/18/1996	7:15	Bottom	4.2	4.0	19.99	7.69	6.79	32.37	49,403
11-5	11/18/1996	7:05	Surface	2.3	0.2	19.90	7.71	6.66	32.31	49,325
11-5	11/18/1996	7:05	Mid	2.3	1.0	19.90	7.73	6.67	32.32	49,334
11-5	11/18/1996	7:05	Bottom	2.3	2.1	19.89	7.75	6.71	32.33	49,357
13-1	11/19/1996	6:30	Surface	3.6	0.2	20.50	7.46	6.78	32.06	48,979
13-1	11/19/1996	6:30	Mid	3.6	1.0	20.50	7.46	6.81	32.06	48,984
13-1	11/19/1996	6:30	Bottom	3.6	3.4	20.49	7.46	6.88	32.06	48,992
13-2	11/19/1996	6:40	Surface	2.3	0.2	20.42	7.48	6.78	31.16	47,760
13-2	11/19/1996	6:40	Mid	2.3	1.0	20.62	7.46	6.66	31.76	48,570
13-2	11/19/1996	6:40	Bottom	2.3	2.1	20.60	7.46	6.66	31.78	48,601
13-3	11/19/1996	6:50	Surface	1.9	0.2	20.77	7.41	6.37	30.97	47,492
13-3	11/19/1996	6:50	Mid	1.9	0.9	20.77	7.40	6.39	30.97	47,493
13-3	11/19/1996	6:50	Bottom	1.9	1.7	20.76	7.40	6.43	30.97	47,496
13-4	11/19/1996	7:00	Surface	0.9	0.2	20.73	7.48	6.28	30.74	47,181
13-4	11/19/1996	7:00	Mid	0.9	0.4	20.73	7.49	6.24	30.74	47,170
13-4	11/19/1996	7:00	Bottom	0.9	0.7	20.71	7.51	6.39	30.73	47,164
13-5	11/19/1996	7:10	Surface	1.5	0.2	20.79	7.49	6.18	30.34	46,632
13-5	11/19/1996	7:10	Mid	1.5	0.7	20.80	7.50	6.20	30.34	46,633
13-5	11/19/1996	7:10	Bottom	1.5	1.3	20.81	7.53	6.26	30.35	46,650
14-1	11/19/1996	7:20	Surface	2.2	0.2	20.81	7.60	7.12	29.99	46,138
14-1	11/19/1996	7:20	Mid	2.2	1.0	20.82	7.61	7.13	29.99	46,147
14-1	11/19/1996	7:20	Bottom	2.2	2.0	20.83	7.63	7.17	29.99	46,145
14-2	11/19/1996	7:25	Surface	1.9	0.2	20.60	7.58	7.04	29.65	45,677
14-2	11/19/1996	7:25	Mid	1.9	0.9	20.60	7.58	7.03	29.66	45,684
14-2	11/19/1996	7:25	Bottom	1.9	1.7	20.61	7.57	6.99	29.66	45,691
14-3	11/19/1996	7:30	Surface	1.7	0.2	20.63	7.60	6.53	29.23	45,094
14-3	11/19/1996	7:30	Mid	1.7	0.8	20.62	7.58	6.34	29.24	45,114
14-3	11/19/1996	7:30	Bottom	1.7	1.5	21.04	7.53	6.26	29.45	45,407
14-4	11/19/1996	7:40	Surface	2.0	0.2	20.59	7.60	6.33	29.80	45,876
14-4	11/19/1996	7:40	Mid	2.0	1.0	20.60	7.60	6.34	29.81	45,897
14-4	11/19/1996	7:40	Bottom	2.0	1.8	20.60	7.59	6.41	29.81	45,895
14-5	11/19/1996	7:45	Surface	1.5	0.2	20.62	7.58	6.27	30.00	46,150
14-5	11/19/1996	7:45	Mid	1.5	0.7	20.63	7.58	6.31	30.00	46,155
14-5	11/19/1996	7:45	Bottom	1.5	1.3	20.63	7.57	6.42	29.99	46,147
16-1	11/20/1996	6:45	Surface	2.1	0.2	21.51	7.50	5.74	30.27	46,551
16-1	11/20/1996	6:45	Mid	2.1	1.0	21.48	7.49	5.66	30.30	46,581
16-1	11/20/1996	6:45	Bottom	2.1	1.9	21.78	7.48	4.93	30.78	47,250
16-2	11/20/1996	6:55	Surface	1.7	0.2	21.42	7.47	5.89	30.83	47,312
16-2	11/20/1996	6:55	Mid	1.7	0.8	21.44	7.47	5.91	30.85	47,347
16-2	11/20/1996	6:55	Bottom	1.7	1.5	21.45	7.47	5.93	30.87	47,362
16-3	11/20/1996	7:00	Surface	2.0	0.2	21.13	7.41	5.97	31.78	48,613
16-3	11/20/1996	7:00	Mid	2.0	1.0	21.13	7.41	5.96	31.78	48,609
16-3	11/20/1996	7:00	Bottom	2.0	1.8	21.13	7.37	5.96	31.78	48,607

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductance (µS/cm)
16-4	11/20/1996	7:05	Surface	2.2	0.2	20.70	7.37	5.27	31.75	48,570
16-4	11/20/1996	7:05	Mid	2.2	1.0	20.67	7.36	5.42	31.75	48,565
16-4	11/20/1996	7:05	Bottom	2.2	2.0	20.82	7.41	6.33	32.05	48,971
16-5	11/20/1996	7:10	Surface	2.7	0.2	20.52	7.46	6.61	32.21	49,183
16-5	11/20/1996	7:10	Mid	2.7	1.0	20.50	7.45	6.63	32.24	49,230
16-5	11/20/1996	7:10	Bottom	2.7	2.5	20.44	7.44	6.58	32.76	49,253
LB-1	11/20/1996	7:45	Surface	3.3	0.2	21.41	7.35	6.29	30.87	47,366
LB-1	11/20/1996	7:45	Mid	3.3	1.0	21.41	7.35	6.31	30.90	47,399
LB-1	11/20/1996	7:45	Bottom	3.3	3.1	21.40	7.36	6.33	30.90	47,408
LB-2	11/20/1996	7:50	Surface	1.4	0.2	21.58	7.36	6.13	30.94	47,464
LB-2	11/20/1996	7:50	Mid	1.4	0.7	21.59	7.35	6.18	30.94	47,461
LB-2	11/20/1996	7:50	Bottom	1.4	1.2	21.57	7.33	6.32	30.94	47,459
LB-3	11/20/1996	8:00	Surface	1.9	0.2	21.69	7.64	6.89	29.06	44,862
LB-3	11/20/1996	8:00	Mid	1.9	0.9	22.12	7.60	6.28	29.24	45,144
LB-3	11/20/1996	8:00	Bottom	1.9	1.7	22.28	7.43	5.19	30.07	46,283
LB-4	11/20/1996	8:10	Surface	2.4	0.2	21.69	7.64	5.87	28.81	44,529
LB-4	11/20/1996	8:10	Mid	2.4	1.0	21.83	7.59	5.66	28.99	44,767
LB-4	11/20/1996	8:10	Bottom	2.4	2.2	22.02	7.28	5.16	30.42	46,760
LB-5	11/20/1996	8:15	Surface	3.6	0.2	21.33	7.68	6.29	29.33	45,248
LB-5	11/20/1996	8:15	Mid	3.6	1.0	21.37	7.67	6.28	29.35	45,274
LB-5	11/20/1996	8:15	Bottom	3.6	3.4	21.69	7.63	5.11	30.46	46,810
ML-1	11/21/1996	7:30	Surface	1.8	0.2	21.30	6.75	6.14	3.72	6,781
ML-1	11/21/1996	7:30	Mid	1.8	0.9	21.31	6.74	6.15	3.73	6,796
ML-1	11/21/1996	7:30	Bottom	1.8	1.6	21.31	6.71	6.13	3.76	6,843
ML-2	11/21/1996	7:40	Surface	1.1	0.2	21.40	6.79	6.13	4.87	8,717
ML-2	11/21/1996	7:40	Mid	1.1	0.5	21.40	6.78	6.13	4.90	8,757
ML-2	11/21/1996	7:40	Bottom	1.1	0.9	21.39	6.75	6.15	4.92	8,782
ML-3	11/21/1996	7:45	Surface	1.0	0.2	21.55	6.81	6.14	5.55	9,832
ML-3	11/21/1996	7:45	Mid	1.0	0.5	21.55	6.80	6.15	5.56	9,848
ML-3	11/21/1996	7:45	Bottom	1.0	0.8	21.54	6.78	6.33	5.57	9,874
ML-4	11/21/1996	7:50	Surface	1.3	0.2	21.54	6.89	6.22	5.88	10,374
ML-4	11/21/1996	7:50	Mid	1.3	0.6	21.53	6.86	6.18	6.09	10,725
ML-4	11/21/1996	7:50	Bottom	1.3	1.1	21.53	6.84	6.19	6.15	10,830
ML-5	11/21/1996	8:00	Surface	1.2	0.2	21.48	6.85	6.05	7.55	13,090
ML-5	11/21/1996	8:00	Mid	1.2	0.6	21.37	6.79	6.00	8.51	14,629
ML-5	11/21/1996	8:00	Bottom	1.2	1.0	21.32	6.75	5.96	8.75	15,025
MU-1	11/21/1996	6:45	Surface	2.3	0.2	20.92	6.92	6.52	0.18	382
MU-1	11/21/1996	6:45	Mid	2.3	1.0	20.91	6.93	6.53	0.18	385
MU-1	11/21/1996	6:45	Bottom	2.3	2.1	20.91	6.95	6.68	0.19	383
MU-2	11/21/1996	6:55	Surface	4.2	0.2	20.86	6.92	6.58	0.19	395
MU-2	11/21/1996	6:55	Mid	4.2	1.0	20.87	6.93	6.60	0.19	396
MU-2	11/21/1996	6:55	Bottom	4.2	4.0	20.85	6.97	6.64	0.19	411
MU-3	11/21/1996	7:05	Surface	3.6	0.2	21.04	6.90	6.60	0.28	565
MU-3	11/21/1996	7:05	Mid	3.6	1.0	21.04	6.89	6.60	0.28	571
MU-3	11/21/1996	7:05	Bottom	3.6	3.4	21.03	6.88	6.60	0.29	588
MU-4	11/21/1996	7:10	Surface	1.0	0.2	21.09	6.78	6.35	1.04	2,035
MU-4	11/21/1996	7:10	Mid	1.0	0.5	21.10	6.77	6.34	1.04	2,036
MU-4	11/21/1996	7:10	Bottom	1.0	0.8	21.10	6.75	6.37	1.04	2,031
MU-5	11/21/1996	7:20	Surface	1.8	0.2	21.04	6.73	6.29	2.18	4,094

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductivity (µS/cm)
MU-5	11/21/1996	7:20	Mid	1.8	0.9	21.05	6.73	6.29	2.17	4,091
MU-5	11/21/1996	7:20	Bottom	1.8	1.6	21.07	6.71	6.31	2.18	4,100
10-1	12/9/1996	7:00	Surface	3.0	0.2	18.51	7.54	7.12	31.73	48,530
10-1	12/9/1996	7:00	Mid	3.0	1.0	18.51	7.52	7.24	31.74	48,535
10-1	12/9/1996	7:00	Bottom	3.0	2.8	18.50	7.50	7.01	31.74	48,543
10-2	12/9/1996	7:25	Surface	1.5	0.2	18.49	7.55	6.59	31.16	47,753
10-2	12/9/1996	7:25	Mid	1.5	0.7	18.51	7.53	6.62	31.18	47,762
10-2	12/9/1996	7:25	Bottom	1.5	1.3	18.52	7.52	6.65	31.18	47,764
10-3	12/9/1996	7:10	Surface	5.3	0.2	18.35	7.43	7.05	31.26	47,871
10-3	12/9/1996	7:10	Mid	5.3	1.0	18.38	7.43	7.02	31.26	47,876
10-3	12/9/1996	7:10	Bottom	5.3	5.1	18.26	7.51	7.11	31.40	48,093
10-4	12/9/1996	7:35	Surface	3.2	0.2	18.72	7.54	7.02	31.17	47,762
10-4	12/9/1996	7:35	Mid	3.2	1.0	18.71	7.55	7.11	31.18	47,768
10-4	12/9/1996	7:35	Bottom	3.2	3.0	18.76	7.62	6.95	31.19	47,791
10-5	12/9/1996	7:55	Surface	1.8	0.2	18.04	7.58	6.53	29.25	45,104
10-5	12/9/1996	7:55	Mid	1.8	0.9	18.12	7.58	6.55	29.22	45,064
10-5	12/9/1996	7:55	Bottom	1.8	1.6	18.73	7.61	6.58	29.14	44,944
11-1	12/9/1996	6:45	Surface	2.7	0.2	18.29	7.40	7.16	31.16	47,751
11-1	12/9/1996	6:45	Mid	2.7	1.0	18.38	7.38	7.23	31.20	47,796
11-1	12/9/1996	6:45	Bottom	2.7	2.5	18.48	7.40	7.23	31.51	48,230
11-2	12/9/1996	6:40	Surface	2.4	0.2	18.54	7.33	6.90	31.12	47,687
11-2	12/9/1996	6:40	Mid	2.4	1.0	18.59	7.31	6.82	31.14	47,712
11-2	12/9/1996	6:40	Bottom	2.4	2.2	18.63	7.29	6.76	31.17	47,757
11-3	12/9/1996	6:30	Surface	2.4	0.2	18.53	7.40	6.98	30.81	47,270
11-3	12/9/1996	6:30	Mid	2.4	1.0	18.71	7.40	6.96	30.88	47,363
11-3	12/9/1996	6:30	Bottom	2.4	2.2	18.75	7.40	6.99	30.91	47,409
11-4	12/9/1996	8:00	Surface	2.6	0.2	18.58	7.58	6.56	30.69	47,107
11-4	12/9/1996	8:00	Mid	2.6	1.0	18.63	7.57	6.53	30.70	47,115
11-4	12/9/1996	8:00	Bottom	2.6	2.4	18.77	7.54	6.47	30.80	47,254
11-5	12/9/1996	7:45	Surface	2.0	0.2	18.02	7.59	6.50	28.91	44,644
11-5	12/9/1996	7:45	Mid	2.0	1.0	18.60	7.55	6.28	30.70	47,177
11-5	12/9/1996	7:45	Bottom	2.0	1.8	18.69	7.50	6.21	31.00	47,525
13-1	12/10/1996	6:40	Surface	2.6	0.2	17.06	7.38	7.08	29.52	45,484
13-1	12/10/1996	6:40	Mid	2.6	1.0	17.06	7.36	6.95	29.59	45,576
13-1	12/10/1996	6:40	Bottom	2.6	2.4	17.07	7.35	7.00	29.63	45,643
13-2	12/10/1996	6:50	Surface	1.3	0.2	16.76	7.46	6.58	27.79	43,099
13-2	12/10/1996	6:50	Mid	1.3	0.6	16.84	7.45	6.63	28.09	43,391
13-2	12/10/1996	6:50	Bottom	1.3	1.1	16.89	7.41	6.71	28.46	44,005
13-3	12/10/1996	6:55	Surface	1.0	0.2	17.14	7.52	6.72	27.30	42,398
13-3	12/10/1996	6:55	Mid	1.0	0.5	16.93	7.47	6.33	28.00	43,392
13-3	12/10/1996	6:55	Bottom	1.0	0.8	17.32	7.43	6.30	29.54	45,517
13-4	12/10/1996	7:10	Surface	1.5	0.2	17.30	7.57	6.79	27.61	42,830
13-4	12/10/1996	7:10	Mid	1.5	0.7	17.30	7.56	6.67	27.61	42,834
13-4	12/10/1996	7:10	Bottom	1.5	1.3	17.29	7.53	6.54	27.62	42,846
13-5	12/10/1996	7:20	Surface	1.5	0.2	17.30	7.60	6.92	27.35	42,466
13-5	12/10/1996	7:20	Mid	1.5	0.7	17.31	7.58	6.77	27.35	42,465
13-5	12/10/1996	7:20	Bottom	1.5	1.3	17.30	7.57	6.67	27.34	42,458
14-1	12/10/1996	7:30	Surface	1.9	0.2	17.04	7.60	6.94	26.76	41,908

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductivity (µS/cm)
14-1	12/10/1996	7:30	Mid	1.9	0.9	17.33	7.62	6.80	27.07	42,070
14-1	12/10/1996	7:30	Bottom	1.9	1.7	17.34	7.66	6.84	27.07	42,082
14-2	12/10/1996	7:40	Surface	1.7	0.2	17.14	7.63	6.73	26.90	41,834
14-2	12/10/1996	7:40	Mid	1.7	0.8	17.17	7.63	6.69	26.91	41,850
14-2	12/10/1996	7:40	Bottom	1.7	1.5	17.18	7.65	6.67	26.91	41,857
14-3	12/10/1996	7:45	Surface	1.0	0.2	17.12	7.70	7.00	26.96	41,923
14-3	12/10/1996	7:45	Mid	1.0	0.5	17.24	7.68	6.96	27.05	42,049
14-3	12/10/1996	7:45	Bottom	1.0	0.8	17.27	7.67	6.80	27.05	42,043
14-4	12/10/1996	8:00	Surface	1.4	0.2	16.72	7.74	6.88	27.17	42,220
14-4	12/10/1996	8:00	Mid	1.4	0.7	16.74	7.73	6.75	27.20	42,259
14-4	12/10/1996	8:00	Bottom	1.4	1.2	16.82	7.72	6.57	27.37	42,501
14-5	12/10/1996	8:10	Surface	1.6	0.2	16.70	7.74	6.36	27.73	43,013
14-5	12/10/1996	8:10	Mid	1.6	0.8	16.69	7.74	6.27	27.74	43,019
14-5	12/10/1996	8:10	Bottom	1.6	1.4	16.20	7.81	6.51	27.72	42,990
16-1	12/11/1996	6:00	Surface	3.2	0.2	16.72	7.57	7.25	28.37	43,889
16-1	12/11/1996	6:00	Mid	3.2	1.0	16.73	7.56	7.17	28.40	43,935
16-1	12/11/1996	6:00	Bottom	3.2	3.0	16.76	7.55	7.29	28.53	44,126
16-2	12/11/1996	6:10	Surface	3.9	0.2	16.71	7.60	7.32	28.43	43,974
16-2	12/11/1996	6:10	Mid	3.9	1.0	16.76	7.62	7.03	28.42	43,963
16-2	12/11/1996	6:10	Bottom	3.9	3.7	16.72	7.70	7.35	28.47	44,041
16-3	12/11/1996	6:20	Surface	1.5	0.2	16.85	7.57	7.02	28.52	44,103
16-3	12/11/1996	6:20	Mid	1.5	0.7	16.87	7.54	6.72	28.54	44,137
16-3	12/11/1996	6:20	Bottom	1.5	1.3	16.87	7.52	7.04	28.57	44,174
16-4	12/11/1996	6:25	Surface	2.3	0.2	17.04	7.56	6.99	29.07	44,859
16-4	12/11/1996	6:25	Mid	2.3	1.0	17.03	7.55	6.81	29.07	44,853
16-4	12/11/1996	6:25	Bottom	2.3	2.1	17.49	7.47	6.50	30.19	46,423
16-5	12/11/1996	6:35	Surface	3.5	0.2	17.18	7.57	6.45	29.62	45,634
16-5	12/11/1996	6:35	Mid	3.5	1.0	17.21	7.56	6.53	29.68	45,713
16-5	12/11/1996	6:35	Bottom	3.5	3.3	17.21	7.56	6.66	29.69	45,719
LB-1	12/11/1996	7:10	Surface	3.3	0.2	17.18	7.52	6.00	27.71	42,963
LB-1	12/11/1996	7:10	Mid	3.3	1.0	17.19	7.54	6.01	27.82	43,123
LB-1	12/11/1996	7:10	Bottom	3.3	3.1	17.19	7.57	6.10	27.83	43,142
LB-2	12/11/1996	7:20	Surface	3.2	0.2	16.97	7.61	6.40	28.01	43,395
LB-2	12/11/1996	7:20	Mid	3.2	1.0	16.95	7.63	6.09	28.04	43,432
LB-2	12/11/1996	7:20	Bottom	3.2	3.0	16.93	7.67	6.58	28.03	43,419
LB-3	12/11/1996	7:25	Surface	3.0	0.2	16.78	7.61	6.28	28.18	43,635
LB-3	12/11/1996	7:25	Mid	3.0	1.0	16.64	7.63	6.21	28.22	43,707
LB-3	12/11/1996	7:25	Bottom	3.0	2.8	17.84	7.68	6.26	29.58	45,564
LB-4	12/11/1996	7:30	Surface	2.2	0.2	18.04	7.71	6.55	30.14	46,362
LB-4	12/11/1996	7:30	Mid	2.2	1.0	17.11	7.70	6.55	29.38	45,296
LB-4	12/11/1996	7:30	Bottom	2.2	2.0	16.49	7.70	6.64	29.04	44,837
LB-5	12/11/1996	7:40	Surface	1.6	0.2	17.03	7.80	6.56	30.47	46,811
LB-5	12/11/1996	7:40	Mid	1.6	0.8	16.87	7.81	6.64	30.51	46,871
LB-5	12/11/1996	7:40	Bottom	1.6	1.4	16.78	7.85	6.84	30.57	46,943
ML-1	12/12/1996	7:30	Surface	2.8	0.2	18.91	7.21	7.75	9.27	15,808
ML-1	12/12/1996	7:30	Mid	2.8	1.0	18.92	7.23	7.79	9.45	16,094
ML-1	12/12/1996	7:30	Bottom	2.8	2.6	18.91	7.27	7.72	9.53	16,217
ML-2	12/12/1996	7:35	Surface	1.5	0.2	19.05	7.24	8.07	10.22	17,281
ML-2	12/12/1996	7:35	Mid	1.5	0.7	19.06	7.25	8.00	10.24	17,315

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January through December 1996.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conductivity (µS/cm)
ML-2	12/12/1996	7:35	Bottom	1.5	1.3	19.05	7.29	7.93	10.26	17,356
ML-3	12/12/1996	7:40	Surface	0.9	0.2	19.11	7.23	7.66	11.44	19,202
ML-3	12/12/1996	7:40	Mid	0.9	0.4	19.09	7.25	7.44	11.90	19,900
ML-3	12/12/1996	7:40	Bottom	0.9	0.7	19.08	7.25	7.33	13.52	22,379
ML-4	12/12/1996	7:45	Surface	5.2	0.2	19.09	7.23	7.97	11.04	18,550
ML-4	12/12/1996	7:45	Mid	5.2	1.0	19.09	7.23	7.83	11.10	18,653
ML-4	12/12/1996	7:45	Bottom	5.2	5.0	19.03	7.21	7.80	11.51	19,290
ML-5	12/12/1996	7:50	Surface	1.0	0.2	19.04	7.28	7.88	12.26	20,444
ML-5	12/12/1996	7:50	Mid	1.0	0.5	19.04	7.30	7.79	12.27	20,455
ML-5	12/12/1996	7:50	Bottom	1.0	0.8	19.03	7.34	7.84	12.27	20,456
MU-1	12/12/1996	6:10	Surface	2.4	0.2	18.67	7.21	8.07	0.26	540
MU-1	12/12/1996	6:10	Mid	2.4	1.0	18.66	7.22	8.14	0.26	531
MU-1	12/12/1996	6:10	Bottom	2.4	2.2	18.67	7.27	8.21	0.26	535
MU-2	12/12/1996	6:20	Surface	2.7	0.2	18.94	7.32	8.54	0.46	909
MU-2	12/12/1996	6:20	Mid	2.7	1.0	18.94	7.33	8.64	0.46	923
MU-2	12/12/1996	6:20	Bottom	2.7	2.5	18.94	7.37	8.80	0.47	957
MU-3	12/12/1996	6:50	Surface	1.5	0.2	18.73	7.05	7.57	4.58	8,213
MU-3	12/12/1996	6:50	Mid	1.5	0.7	18.79	7.06	7.43	4.77	8,538
MU-3	12/12/1996	6:50	Bottom	1.5	1.3	18.79	7.10	7.63	4.80	8,568
MU-4	12/12/1996	7:05	Surface	2.4	0.2	18.86	7.07	7.37	6.45	11,299
MU-4	12/12/1996	7:05	Mid	2.4	1.0	18.87	7.10	7.56	6.47	11,327
MU-4	12/12/1996	7:05	Bottom	2.4	2.2	18.86	7.16	7.47	6.48	11,353
MU-5	12/12/1996	7:15	Surface	2.4	0.2	18.76	7.12	7.53	7.76	13,406
MU-5	12/12/1996	7:15	Mid	2.4	1.0	18.77	7.14	7.56	7.77	13,429
MU-5	12/12/1996	7:15	Bottom	2.4	2.2	18.80	7.20	7.52	7.78	13,436

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
10-1	1/22/1996	11:05	2.0	1.0	875.20	568.20	-0.8640
10-1	1/22/1996	11:05	2.0	1.0	880.00	534.70	-0.9964
10-1	1/22/1996	11:05	2.0	1.0	899.70	530.00	-1.0584
10-2	1/22/1996	11:50	2.4	1.0	969.70	533.00	-1.1969
10-2	1/22/1996	11:50	2.4	1.0	945.50	586.60	-0.9547
10-2	1/22/1996	11:50	2.4	1.0	990.60	610.90	-0.9668
10-3	1/22/1996	11:30	2.9	1.0	1126.00	642.70	-1.1215
10-3	1/22/1996	11:30	2.9	1.0	1161.00	675.40	-1.0835
10-3	1/22/1996	11:30	2.9	1.0	1161.00	633.10	-1.2128
10-4	1/22/1996	12:10	2.0	1.0	795.10	388.10	-1.4344
10-4	1/22/1996	12:10	2.0	1.0	837.40	385.30	-1.5526
10-4	1/22/1996	12:10	2.0	1.0	850.60	384.30	-1.5890
10-5	1/22/1996	12:25	3.7	1.0	895.30	566.70	-0.9147
10-5	1/22/1996	12:25	3.7	1.0	910.40	589.40	-0.8696
10-5	1/22/1996	12:25	3.7	1.0	891.20	578.50	-0.8643
11-1	1/22/1996	10:45	2.9	1.0	1056.00	769.30	-0.6335
11-1	1/22/1996	10:45	2.9	1.0	988.20	716.00	-0.6444
11-1	1/22/1996	10:45	2.9	1.0	1049.00	768.90	-0.6213
11-2	1/22/1996	10:10	2.4	1.0	1017.90	651.60	-0.8921
11-2	1/22/1996	10:10	2.4	1.0	1013.00	629.90	-0.9502
11-2	1/22/1996	10:10	2.4	1.0	1072.30	654.10	-0.9886
11-2 Rep	1/22/1996	10:20	2.4	1.0	1022.00	643.50	-0.9252
11-2 Rep	1/22/1996	10:20	2.4	1.0	1025.00	611.00	-1.0347
11-2 Rep	1/22/1996	10:20	2.4	1.0	1034.00	617.70	-1.0304
11-3	1/22/1996	13:25	3.7	1.0	1292.00	744.90	-1.1014
11-3	1/22/1996	13:25	3.7	1.0	1171.00	723.70	-0.9625
11-3	1/22/1996	13:25	3.7	1.0	1175.90	747.60	-0.9058
11-4	1/22/1996	13:05	4.5	1.0	1171.20	677.60	-1.0945
11-4	1/22/1996	13:05	4.5	1.0	1198.90	669.70	-1.1647
11-4	1/22/1996	13:05	4.5	1.0	1104.60	652.80	-1.0519
11-5	1/22/1996	12:45	1.7	0.8	856.30	590.40	-0.7436
11-5	1/22/1996	12:45	1.7	0.8	903.70	628.60	-0.7260
11-5	1/22/1996	12:45	1.7	0.8	881.00	611.50	-0.7303
13-1	1/23/1996	14:00	1.8	0.9	382.80	283.60	-0.5999
13-1	1/23/1996	14:00	1.8	0.9	381.80	283.60	-0.5947
13-1	1/23/1996	14:00	1.8	0.9	381.80	283.40	-0.5961
13-2	1/23/1996	13:45	1.3	0.6	481.20	302.60	-0.9277
13-2	1/23/1996	13:45	1.3	0.6	489.40	303.40	-0.9563
13-2	1/23/1996	13:45	1.3	0.6	488.20	304.10	-0.9467
13-3	1/23/1996	13:30	1.5	0.7	486.60	310.10	-0.9011
13-3	1/23/1996	13:30	1.5	0.7	479.90	302.00	-0.9263
13-3	1/23/1996	13:30	1.5	0.7	461.60	294.50	-0.8988
13-4	1/23/1996	12:55	1.6	0.8	539.70	406.90	-0.5649
13-4	1/23/1996	12:55	1.6	0.8	533.80	426.70	-0.4479
13-4	1/23/1996	12:55	1.6	0.8	578.70	436.40	-0.5644
13-5	1/23/1996	12:30	1.6	0.8	326.90	215.70	-0.8315
13-5	1/23/1996	12:30	1.6	0.8	318.20	219.10	-0.7463
13-5	1/23/1996	12:30	1.6	0.8	336.70	229.10	-0.7701
14-1	1/23/1996	12:05	1.6	0.8	961.30	669.60	-0.7232

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
14-1	1/23/1996	12:05	1.6	0.8	937.60	648.00	-0.7389
14-1	1/23/1996	12:05	1.6	0.8	921.80	632.50	-0.7533
14-2	1/23/1996	11:45	1.4	0.7	990.60	575.30	-1.0868
14-2	1/23/1996	11:45	1.4	0.7	898.20	551.00	-0.9773
14-2	1/23/1996	11:45	1.4	0.7	882.90	551.50	-0.9411
14-3	1/23/1996	11:30	0.9	0.4	1098.00	707.40	-0.8793
14-3	1/23/1996	11:30	0.9	0.4	1093.00	669.70	-0.9797
14-3	1/23/1996	11:30	0.9	0.4	1036.00	663.30	-0.8918
14-4	1/23/1996	11:15	1.1	0.5	687.70	447.10	-0.8611
14-4	1/23/1996	11:15	1.1	0.5	697.30	455.80	-0.8503
14-4	1/23/1996	11:15	1.1	0.5	717.90	468.30	-0.8544
14-5	1/23/1996	10:55	2.2	1.0	1027.00	467.40	-1.5744
14-5	1/23/1996	10:55	2.2	1.0	677.40	609.60	-0.2109
14-5	1/23/1996	10:55	2.2	1.0	793.20	608.40	-0.5305
14-5 Rep	1/23/1996	11:05	2.2	1.0	655.20	601.80	-0.1700
14-5 Rep	1/23/1996	11:05	2.2	1.0	844.50	524.90	-0.9511
14-5 Rep	1/23/1996	11:05	2.2	1.0	1052.00	517.20	-1.4200
16-1	1/24/1996	13:30	2.1	1.0	849.10	692.60	-0.4074
16-1	1/24/1996	13:30	2.1	1.0	958.40	658.90	-0.7494
16-1	1/24/1996	13:30	2.1	1.0	1008.00	707.20	-0.7088
16-2	1/24/1996	13:10	1.4	0.7	979.70	735.70	-0.5728
16-2	1/24/1996	13:10	1.4	0.7	945.70	722.20	-0.5392
16-2	1/24/1996	13:10	1.4	0.7	921.00	822.00	-0.2274
16-3	1/24/1996	12:55	1.1	0.5	1002.00	700.90	-0.7148
16-3	1/24/1996	12:55	1.1	0.5	928.60	690.90	-0.5914
16-3	1/24/1996	12:55	1.1	0.5	925.80	657.40	-0.6847
16-4	1/24/1996	12:45	1.6	0.8	615.50	469.00	-0.5437
16-4	1/24/1996	12:45	1.6	0.8	612.70	462.60	-0.5620
16-4	1/24/1996	12:45	1.6	0.8	617.80	459.00	-0.5942
16-5	1/24/1996	12:25	1.3	0.6	990.20	776.10	-0.4873
16-5	1/24/1996	12:25	1.3	0.6	968.60	741.40	-0.5346
16-5	1/24/1996	12:25	1.3	0.6	974.00	770.60	-0.4685
LB-1	1/24/1996	11:25	1.6	0.8	665.00	347.00	-1.3009
LB-1	1/24/1996	11:25	1.6	0.8	748.50	337.60	-1.5924
LB-1	1/24/1996	11:25	1.6	0.8	730.50	358.40	-1.4242
LB-2	1/24/1996	11:10	1.0	0.5	500.20	361.60	-0.6489
LB-2	1/24/1996	11:10	1.0	0.5	571.20	412.10	-0.6529
LB-2	1/24/1996	11:10	1.0	0.5	661.20	363.80	-1.1949
LB-3	1/24/1996	10:50	1.0	0.5	808.50	422.10	-1.2999
LB-3	1/24/1996	10:50	1.0	0.5	802.20	460.30	-1.1110
LB-3	1/24/1996	10:50	1.0	0.5	706.90	416.00	-1.0604
LB-4	1/24/1996	10:30	0.8	0.4	781.90	712.70	-0.1853
LB-4	1/24/1996	10:30	0.8	0.4	760.40	809.00	0.1239
LB-4	1/24/1996	10:30	0.8	0.4	821.20	741.60	-0.2039
LB-5	1/24/1996	10:00	1.7	0.8	711.20	418.50	-1.0606
LB-5	1/24/1996	10:00	1.7	0.8	701.20	404.00	-1.1028
LB-5	1/24/1996	10:00	1.7	0.8	781.60	453.40	-1.0891
LB-5 Rep	1/24/1996	10:10	1.7	0.8	708.20	440.80	-0.9483
LB-5 Rep	1/24/1996	10:10	1.7	0.8	664.90	416.40	-0.9360

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
LB-5 Rep	1/24/1996	10:10	1.7	0.8	761.60	484.00	-0.9067
ML-1	1/25/1996	11:05	1.0	0.5	621.40	157.50	-2.7451
ML-1	1/25/1996	11:05	1.0	0.5	582.70	148.80	-2.7301
ML-1	1/25/1996	11:05	1.0	0.5	391.80	122.00	-2.3335
ML-2	1/25/1996	10:50	1.0	0.5	337.80	129.70	-1.9145
ML-2	1/25/1996	10:50	1.0	0.5	361.60	137.90	-1.9280
ML-2	1/25/1996	10:50	1.0	0.5	365.00	137.40	-1.9540
ML-3	1/25/1996	10:35	2.5	1.0	137.40	44.64	-2.2485
ML-3	1/25/1996	10:35	2.5	1.0	142.00	41.60	-2.4555
ML-3	1/25/1996	10:35	2.5	1.0	122.20	37.64	-2.3552
ML-4	1/25/1996	10:10	3.2	1.0	161.40	45.95	-2.5127
ML-4	1/25/1996	10:10	3.2	1.0	155.00	44.09	-2.5144
ML-4	1/25/1996	10:10	3.2	1.0	151.10	44.10	-2.4630
ML-5	1/25/1996	9:55	1.6	0.8	108.20	32.17	-2.4259
ML-5	1/25/1996	9:55	1.6	0.8	119.80	32.48	-2.6104
ML-5	1/25/1996	9:55	1.6	0.8	113.50	33.05	-2.4676
ML-5 Rep	1/25/1996	10:00	1.6	0.8	101.20	30.52	-2.3974
ML-5 Rep	1/25/1996	10:00	1.6	0.8	103.00	28.22	-2.5894
ML-5 Rep	1/25/1996	10:00	1.6	0.8	106.80	30.24	-2.5236
MU-1	1/25/1996	12:50	1.7	0.8	286.30	91.23	-2.2873
MU-1	1/25/1996	12:50	1.7	0.8	295.40	95.86	-2.2509
MU-1	1/25/1996	12:50	1.7	0.8	285.20	93.28	-2.2352
MU-2	1/25/1996	12:25	2.1	1.0	287.00	94.43	-2.2232
MU-2	1/25/1996	12:25	2.1	1.0	282.20	91.18	-2.2596
MU-2	1/25/1996	12:25	2.1	1.0	297.90	91.58	-2.3591
MU-3	1/25/1996	12:10	1.1	0.5	381.90	126.00	-2.2178
MU-3	1/25/1996	12:10	1.1	0.5	396.50	124.90	-2.3103
MU-3	1/25/1996	12:10	1.1	0.5	373.70	124.10	-2.2047
MU-4	1/25/1996	11:50	0.9	0.4	548.70	152.60	-2.5595
MU-4	1/25/1996	11:50	0.9	0.4	509.40	158.00	-2.3413
MU-4	1/25/1996	11:50	0.9	0.4	632.40	164.80	-2.6896
MU-5	1/25/1996	11:25	1.9	0.9	347.50	118.60	-2.1500
MU-5	1/25/1996	11:25	1.9	0.9	332.30	115.80	-2.1083
MU-5	1/25/1996	11:25	1.9	0.9	340.20	115.30	-2.1640
10-1	2/15/1996	11:45	2.7	1.0	141.60	90.03	-0.9057
10-1	2/15/1996	11:45	2.7	1.0	141.40	90.24	-0.8982
10-1	2/15/1996	11:45	2.7	1.0	143.80	90.04	-0.9363
10-2	2/15/1996	12:00	1.6	0.8	108.00	58.24	-1.2351
10-2	2/15/1996	12:00	1.6	0.8	110.10	59.10	-1.2443
10-2	2/15/1996	12:00	1.6	0.8	114.20	59.65	-1.2989
10-3	2/15/1996	12:15	1.1	0.5	210.60	125.90	-1.0289
10-3	2/15/1996	12:15	1.1	0.5	206.80	123.40	-1.0326
10-3	2/15/1996	12:15	1.1	0.5	208.10	123.70	-1.0403
10-4	2/15/1996	12:30	4.1	1.0	563.20	310.70	-1.1896
10-4	2/15/1996	12:30	4.1	1.0	551.50	316.20	-1.1125
10-4	2/15/1996	12:30	4.1	1.0	558.30	322.40	-1.0982
10-5	2/15/1996	12:45	4.9	1.0	579.20	309.20	-1.2553
10-5	2/15/1996	12:45	4.9	1.0	615.40	326.30	-1.2689
10-5	2/15/1996	12:45	4.9	1.0	611.80	317.70	-1.3106

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
11-1	2/15/1996	11:30	3.2	1.0	1379.00	1001.00	-0.6407
11-1	2/15/1996	11:30	3.2	1.0	1385.00	1021.00	-0.6098
11-1	2/15/1996	11:30	3.2	1.0	1369.00	1002.00	-0.6242
11-2	2/15/1996	11:10	3.3	1.0	871.40	661.40	-0.5515
11-2	2/15/1996	11:10	3.3	1.0	851.20	649.70	-0.5403
11-2	2/15/1996	11:10	3.3	1.0	841.00	646.90	-0.5248
11-3	2/15/1996	11:00	2.6	1.0	447.90	310.40	-0.7334
11-3	2/15/1996	11:00	2.6	1.0	446.40	309.10	-0.7351
11-3	2/15/1996	11:00	2.6	1.0	428.80	302.60	-0.6972
11-4	2/15/1996	10:40	1.5	0.7	341.80	177.20	-1.3139
11-4	2/15/1996	10:40	1.5	0.7	343.60	178.60	-1.3087
11-4	2/15/1996	10:40	1.5	0.7	345.30	180.70	-1.2952
11-5	2/15/1996	10:15	2.4	1.0	488.20	322.90	-0.8268
11-5	2/15/1996	10:15	2.4	1.0	492.80	324.30	-0.8369
11-5	2/15/1996	10:15	2.4	1.0	494.30	333.90	-0.7846
11-5 Rep	2/15/1996	10:25	2.4	1.0	485.30	325.00	-0.8019
11-5 Rep	2/15/1996	10:25	2.4	1.0	499.40	331.50	-0.8196
11-5 Rep	2/15/1996	10:25	2.4	1.0	492.70	328.90	-0.8083
13-1	2/14/1996	13:05	1.7	0.8	1392.00	879.00	-0.9194
13-1	2/14/1996	13:05	1.7	0.8	1388.00	875.10	-0.9226
13-1	2/14/1996	13:05	1.7	0.8	1487.00	929.00	-0.9408
13-2	2/14/1996	12:50	1.4	0.7	1271.00	890.30	-0.7120
13-2	2/14/1996	12:50	1.4	0.7	1302.00	923.00	-0.6881
13-2	2/14/1996	12:50	1.4	0.7	1313.00	930.20	-0.6893
13-3	2/14/1996	12:20	3.7	1.0	1282.00	891.80	-0.7259
13-3	2/14/1996	12:20	3.7	1.0	1376.00	906.50	-0.8347
13-3	2/14/1996	12:20	3.7	1.0	1322.00	910.30	-0.7463
13-4	2/14/1996	11:55	1.5	0.7	1115.00	698.20	-0.9362
13-4	2/14/1996	11:55	1.5	0.7	1040.00	667.00	-0.8884
13-4	2/14/1996	11:55	1.5	0.7	981.80	636.10	-0.8681
13-5	2/14/1996	11:35	2.1	1.0	1040.00	718.50	-0.7396
13-5	2/14/1996	11:35	2.1	1.0	1053.00	721.80	-0.7553
13-5	2/14/1996	11:35	2.1	1.0	1159.00	782.00	-0.7869
14-1	2/14/1996	11:20	1.9	0.9	1143.00	815.30	-0.6757
14-1	2/14/1996	11:20	1.9	0.9	1054.00	751.80	-0.6758
14-1	2/14/1996	11:20	1.9	0.9	1067.00	770.90	-0.6501
14-2	2/14/1996	11:10	1.7	0.8	1073.00	779.80	-0.6384
14-2	2/14/1996	11:10	1.7	0.8	1080.30	790.80	-0.6239
14-2	2/14/1996	11:10	1.7	0.8	1083.50	799.90	-0.6069
14-3	2/14/1996	10:55	3.7	1.0	1188.00	771.60	-0.8631
14-3	2/14/1996	10:55	3.7	1.0	1031.00	703.00	-0.7659
14-3	2/14/1996	10:55	3.7	1.0	1043.00	701.40	-0.7936
14-4	2/14/1996	10:35	1.3	0.6	1028.00	608.60	-1.0484
14-4	2/14/1996	10:35	1.3	0.6	1088.00	607.80	-1.1645
14-4	2/14/1996	10:35	1.3	0.6	971.90	559.10	-1.1058
14-5	2/14/1996	10:00	1.5	0.7	911.10	621.00	-0.7666
14-5	2/14/1996	10:00	1.5	0.7	892.20	597.00	-0.8035
14-5	2/14/1996	10:00	1.5	0.7	867.00	591.40	-0.7651
14-5 Rep	2/14/1996	10:15	1.5	0.7	847.20	561.40	-0.8230

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
14-5 Rep	2/14/1996	10:15	1.5	0.7	835.00	554.90	-0.8173
14-5 Rep	2/14/1996	10:15	1.5	0.7	890.20	585.30	-0.8386
16-1	2/13/1996	13:55	3.3	1.0	1158.00	792.60	-0.7583
16-1	2/13/1996	13:55	3.3	1.0	1045.00	736.20	-0.7005
16-1	2/13/1996	13:55	3.3	1.0	1091.00	735.70	-0.7881
16-1 Rep	2/13/1996	14:05	3.3	1.0	1048.00	733.40	-0.7139
16-1 Rep	2/13/1996	14:05	3.3	1.0	1014.00	697.50	-0.7483
16-1 Rep	2/13/1996	14:05	3.3	1.0	1012.00	706.00	-0.7201
16-2	2/13/1996	13:45	3.0	1.0	1160.00	707.60	-0.9886
16-2	2/13/1996	13:45	3.0	1.0	1126.00	690.70	-0.9774
16-2	2/13/1996	13:45	3.0	1.0	1075.00	631.30	-1.0646
16-3	2/13/1996	13:30	1.6	0.8	1152.00	671.40	-1.0798
16-3	2/13/1996	13:30	1.6	0.8	1168.00	692.60	-1.0452
16-3	2/13/1996	13:30	1.6	0.8	1173.00	716.00	-0.9873
16-4	2/13/1996	13:15	2.0	1.0	1271.20	843.50	-0.8203
16-4	2/13/1996	13:15	2.0	1.0	1222.00	806.90	-0.8301
16-4	2/13/1996	13:15	2.0	1.0	1262.00	812.20	-0.8814
16-5	2/13/1996	13:00	3.1	1.0	1519.00	786.90	-1.3154
16-5	2/13/1996	13:00	3.1	1.0	1318.00	721.60	-1.2048
16-5	2/13/1996	13:00	3.1	1.0	1347.00	745.20	-1.1840
LB-1	2/13/1996	12:05	2.5	1.0	1063.00	720.60	-0.7775
LB-1	2/13/1996	12:05	2.5	1.0	1066.00	720.20	-0.7843
LB-1	2/13/1996	12:05	2.5	1.0	1064.00	717.20	-0.7889
LB-2	2/13/1996	11:10	2.3	1.0	1122.00	731.40	-0.8558
LB-2	2/13/1996	11:10	2.3	1.0	1105.40	774.10	-0.7125
LB-2	2/13/1996	11:10	2.3	1.0	1112.30	741.90	-0.8099
LB-3	2/13/1996	10:50	0.9	0.4	1195.00	973.80	-0.4094
LB-3	2/13/1996	10:50	0.9	0.4	1196.00	969.90	-0.4191
LB-3	2/13/1996	10:50	0.9	0.4	1181.00	946.20	-0.4433
LB-4	2/13/1996	10:25	0.8	0.4	1345.00	738.80	-1.1982
LB-4	2/13/1996	10:25	0.8	0.4	1388.00	766.80	-1.1868
LB-4	2/13/1996	10:25	0.8	0.4	1351.00	718.80	-1.2620
LB-5	2/13/1996	10:00	0.9	0.4	1106.00	601.70	-1.2175
LB-5	2/13/1996	10:00	0.9	0.4	1192.00	614.40	-1.3255
LB-5	2/13/1996	10:00	0.9	0.4	1227.00	631.90	-1.3272
ML-1	2/12/1996	11:20	1.9	0.9	430.40	144.20	-2.1870
ML-1	2/12/1996	11:20	1.9	0.9	394.70	141.40	-2.0531
ML-1	2/12/1996	11:20	1.9	0.9	403.00	148.00	-2.0034
ML-2	2/12/1996	11:00	2.2	1.0	462.60	151.50	-2.2326
ML-2	2/12/1996	11:00	2.2	1.0	401.60	131.10	-2.2390
ML-2	2/12/1996	11:00	2.2	1.0	435.30	126.60	-2.4700
ML-3	2/12/1996	10:40	2.4	1.0	339.10	108.30	-2.2828
ML-3	2/12/1996	10:40	2.4	1.0	351.60	116.90	-2.2024
ML-3	2/12/1996	10:40	2.4	1.0	351.70	123.70	-2.0898
ML-4	2/12/1996	10:20	2.0	1.0	476.40	120.90	-2.7426
ML-4	2/12/1996	10:20	2.0	1.0	396.70	121.90	-2.3600
ML-4	2/12/1996	10:20	2.0	1.0	387.60	126.40	-2.2410
ML-5	2/12/1996	10:00	1.1	0.5	298.10	113.10	-1.9383
ML-5	2/12/1996	10:00	1.1	0.5	307.80	110.20	-2.0543

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
ML-5	2/12/1996	10:00	1.1	0.5	307.10	108.30	-2.0845
MU-1	2/12/1996	13:15	2.0	1.0	488.60	169.80	-2.1138
MU-1	2/12/1996	13:15	2.0	1.0	467.40	170.60	-2.0157
MU-1	2/12/1996	13:15	2.0	1.0	450.40	170.30	-1.9451
MU-1 Rep	2/12/1996	13:25	2.0	1.0	473.80	162.90	-2.1353
MU-1 Rep	2/12/1996	13:25	2.0	1.0	479.50	160.70	-2.1864
MU-1 Rep	2/12/1996	13:25	2.0	1.0	462.10	167.90	-2.0248
MU-2	2/12/1996	12:55	1.8	0.9	545.00	172.60	-2.2996
MU-2	2/12/1996	12:55	1.8	0.9	430.90	143.20	-2.2033
MU-2	2/12/1996	12:55	1.8	0.9	321.70	117.90	-2.0076
MU-3	2/12/1996	12:20	1.3	0.6	543.40	173.00	-2.2891
MU-3	2/12/1996	12:20	1.3	0.6	511.40	178.70	-2.1029
MU-3	2/12/1996	12:20	1.3	0.6	480.60	171.80	-2.0574
MU-4	2/12/1996	12:00	2.1	1.0	572.80	230.50	-1.8206
MU-4	2/12/1996	12:00	2.1	1.0	510.80	210.00	-1.7777
MU-4	2/12/1996	12:00	2.1	1.0	544.40	213.20	-1.8749
MU-5	2/12/1996	11:40	0.9	0.4	619.80	180.60	-2.4662
MU-5	2/12/1996	11:40	0.9	0.4	633.80	177.10	-2.5500
MU-5	2/12/1996	11:40	0.9	0.4	614.10	164.10	-2.6394
10-1	3/22/1996	12:20	3.3	1.0	1610.00	969.80	-1.0138
10-1	3/22/1996	12:20	3.3	1.0	1620.00	1014.00	-0.9370
10-1	3/22/1996	12:20	3.3	1.0	1500.00	936.60	-0.9419
10-2	3/22/1996	11:45	2.6	1.0	1386.00	984.20	-0.6847
10-2	3/22/1996	11:45	2.6	1.0	1362.00	922.20	-0.7799
10-2	3/22/1996	11:45	2.6	1.0	1321.00	912.00	-0.7410
10-3	3/22/1996	12:00	2.8	1.0	1045.00	504.80	-1.4552
10-3	3/22/1996	12:00	2.8	1.0	1049.00	513.60	-1.4283
10-3	3/22/1996	12:00	2.8	1.0	1100.00	519.10	-1.5019
10-4	3/22/1996	11:30	3.9	1.0	1384.00	1010.00	-0.6301
10-4	3/22/1996	11:30	3.9	1.0	1412.00	1075.00	-0.5454
10-4	3/22/1996	11:30	3.9	1.0	1399.00	1052.00	-0.5701
10-5	3/22/1996	10:00	1.8	0.9	1002.00	594.40	-1.0444
10-5	3/22/1996	10:00	1.8	0.9	1001.70	587.80	-1.0661
10-5	3/22/1996	10:00	1.8	0.9	1071.00	667.40	-0.9459
10-5 Rep	3/22/1996	10:15	1.8	0.9	986.20	607.00	-0.9707
10-5 Rep	3/22/1996	10:15	1.8	0.9	969.00	584.50	-1.0110
10-5 Rep	3/22/1996	10:15	1.8	0.9	965.40	572.50	-1.0451
11-1	3/22/1996	12:40	3.3	1.0	1213.00	864.90	-0.6765
11-1	3/22/1996	12:40	3.3	1.0	1160.00	864.90	-0.5871
11-1	3/22/1996	12:40	3.3	1.0	1188.00	858.00	-0.6508
11-2	3/22/1996	13:00	3.2	1.0	1223.00	926.20	-0.5559
11-2	3/22/1996	13:00	3.2	1.0	1252.00	889.40	-0.6839
11-2	3/22/1996	13:00	3.2	1.0	1185.00	874.90	-0.6068
11-3	3/22/1996	11:15	2.1	1.0	1361.00	983.40	-0.6499
11-3	3/22/1996	11:15	2.1	1.0	1300.00	960.30	-0.6057
11-3	3/22/1996	11:15	2.1	1.0	1367.00	974.80	-0.6763
11-4	3/22/1996	10:55	2.2	1.0	1185.00	761.30	-0.8849
11-4	3/22/1996	10:55	2.2	1.0	1150.00	751.00	-0.8522
11-4	3/22/1996	10:55	2.2	1.0	1130.00	733.90	-0.8632

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
11-5	3/22/1996	10:35	2.2	1.0	1058.00	587.60	-1.1762
11-5	3/22/1996	10:35	2.2	1.0	1051.00	581.00	-1.1855
11-5	3/22/1996	10:35	2.2	1.0	1003.00	572.60	-1.1211
13-1	3/21/1996	13:05	0.9	0.4	741.80	387.20	-1.3003
13-1	3/21/1996	13:05	0.9	0.4	744.00	389.70	-1.2933
13-1	3/21/1996	13:05	0.9	0.4	746.30	398.60	-1.2543
13-1 Rep	3/21/1996	13:15	0.9	0.4	746.10	391.00	-1.2923
13-1 Rep	3/21/1996	13:15	0.9	0.4	738.10	391.10	-1.2702
13-1 Rep	3/21/1996	13:15	0.9	0.4	748.30	394.90	-1.2783
13-2	3/21/1996	12:45	1.3	0.6	1407.00	982.90	-0.7174
13-2	3/21/1996	12:45	1.3	0.6	1452.00	999.00	-0.7479
13-2	3/21/1996	12:45	1.3	0.6	1445.00	1000.00	-0.7362
13-3	3/21/1996	12:20	1.8	0.9	1270.00	1006.00	-0.4661
13-3	3/21/1996	12:20	1.8	0.9	1228.00	996.20	-0.4184
13-3	3/21/1996	12:20	1.8	0.9	1249.00	986.50	-0.4719
13-4	3/21/1996	12:05	1.4	0.7	1492.00	1055.00	-0.6932
13-4	3/21/1996	12:05	1.4	0.7	1450.00	1025.00	-0.6937
13-4	3/21/1996	12:05	1.4	0.7	1434.00	1006.00	-0.7090
13-5	3/21/1996	11:30	1.9	0.9	1496.00	889.00	-1.0409
13-5	3/21/1996	11:30	1.9	0.9	1522.00	914.90	-1.0179
13-5	3/21/1996	11:30	1.9	0.9	1574.00	898.20	-1.1220
14-1	3/21/1996	11:05	1.3	0.6	981.80	624.40	-0.9052
14-1	3/21/1996	11:05	1.3	0.6	988.20	635.80	-0.8820
14-1	3/21/1996	11:05	1.3	0.6	942.00	612.80	-0.8599
14-2	3/21/1996	10:45	1.2	0.6	421.00	238.20	-1.1390
14-2	3/21/1996	10:45	1.2	0.6	421.00	236.30	-1.1551
14-2	3/21/1996	10:45	1.2	0.6	422.60	238.00	-1.1483
14-3	3/21/1996	10:25	1.4	0.7	512.80	312.80	-0.9886
14-3	3/21/1996	10:25	1.4	0.7	507.50	312.60	-0.9691
14-3	3/21/1996	10:25	1.4	0.7	569.00	361.50	-0.9072
14-4	3/21/1996	10:10	1.3	0.6	355.90	254.60	-0.6699
14-4	3/21/1996	10:10	1.3	0.6	351.30	257.00	-0.6251
14-4	3/21/1996	10:10	1.3	0.6	347.50	254.50	-0.6229
14-5	3/21/1996	10:00	1.2	0.6	263.80	195.30	-0.6013
14-5	3/21/1996	10:00	1.2	0.6	271.40	192.90	-0.6828
14-5	3/21/1996	10:00	1.2	0.6	272.40	199.90	-0.6189
16-1	3/19/1996	13:40	0.9	0.4	519.10	260.10	-1.3821
16-1	3/19/1996	13:40	0.9	0.4	513.50	258.40	-1.3735
16-1	3/19/1996	13:40	0.9	0.4	509.70	259.90	-1.3471
16-1 Rep	3/19/1996	13:50	0.9	0.4	635.20	334.30	-1.2838
16-1 Rep	3/19/1996	13:50	0.9	0.4	638.20	334.20	-1.2938
16-1 Rep	3/19/1996	13:50	0.9	0.4	660.00	347.30	-1.2841
16-2	3/19/1996	13:30	0.8	0.4	630.10	343.20	-1.2151
16-2	3/19/1996	13:30	0.8	0.4	648.70	346.90	-1.2519
16-2	3/19/1996	13:30	0.8	0.4	678.90	375.80	-1.1828
16-3	3/19/1996	13:05	1.7	0.8	594.60	379.90	-0.8960
16-3	3/19/1996	13:05	1.7	0.8	571.00	380.70	-0.8108
16-3	3/19/1996	13:05	1.7	0.8	595.70	394.00	-0.8268
16-4	3/19/1996	12:55	1.3	0.6	424.20	322.00	-0.5513

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
16-4	3/19/1996	12:55	1.3	0.6	425.20	322.80	-0.5511
16-4	3/19/1996	12:55	1.3	0.6	426.70	323.80	-0.5519
16-5	3/19/1996	12:35	1.5	0.7	972.60	587.40	-1.0085
16-5	3/19/1996	12:35	1.5	0.7	983.90	590.10	-1.0225
16-5	3/19/1996	12:35	1.5	0.7	994.80	578.00	-1.0859
LB-1	3/19/1996	11:10	3.3	1.0	397.00	259.00	-0.8542
LB-1	3/19/1996	11:10	3.3	1.0	376.90	244.10	-0.8688
LB-1	3/19/1996	11:10	3.3	1.0	371.40	246.10	-0.8231
LB-2	3/19/1996	10:55	1.3	0.6	665.60	436.70	-0.8429
LB-2	3/19/1996	10:55	1.3	0.6	683.20	432.40	-0.9149
LB-2	3/19/1996	10:55	1.3	0.6	704.90	434.90	-0.9659
LB-3	3/19/1996	10:30	1.4	0.7	698.60	373.50	-1.2523
LB-3	3/19/1996	10:30	1.4	0.7	711.90	393.30	-1.1867
LB-3	3/19/1996	10:30	1.4	0.7	689.30	363.10	-1.2820
LB-4	3/19/1996	9:55	1.2	0.6	670.10	346.20	-1.3208
LB-4	3/19/1996	9:55	1.2	0.6	665.30	330.00	-1.4023
LB-4	3/19/1996	9:55	1.2	0.6	668.60	323.00	-1.4551
LB-5	3/19/1996	10:10	1.8	0.9	531.40	234.60	-1.6353
LB-5	3/19/1996	10:10	1.8	0.9	543.80	243.80	-1.6045
LB-5	3/19/1996	10:10	1.8	0.9	597.40	251.00	-1.7343
ML-1	3/18/1996	12:10	0.9	0.4	748.30	296.50	-1.8515
ML-1	3/18/1996	12:10	0.9	0.4	725.40	293.80	-1.8076
ML-1	3/18/1996	12:10	0.9	0.4	756.40	300.60	-1.8456
ML-2	3/18/1996	11:50	1.1	0.5	506.60	185.90	-2.0050
ML-2	3/18/1996	11:50	1.1	0.5	533.40	193.20	-2.0311
ML-2	3/18/1996	11:50	1.1	0.5	543.80	200.70	-1.9935
ML-3	3/18/1996	11:30	3.0	1.0	314.60	141.50	-1.5980
ML-3	3/18/1996	11:30	3.0	1.0	333.60	149.40	-1.6066
ML-3	3/18/1996	11:30	3.0	1.0	329.70	143.30	-1.6665
ML-4	3/18/1996	10:35	1.5	0.7	664.80	247.10	-1.9794
ML-4	3/18/1996	10:35	1.5	0.7	643.50	253.30	-1.8647
ML-4	3/18/1996	10:35	1.5	0.7	693.00	269.70	-1.8874
ML-5	3/18/1996	10:10	1.2	0.6	393.60	194.60	-1.4088
ML-5	3/18/1996	10:10	1.2	0.6	383.70	186.40	-1.4439
ML-5	3/18/1996	10:10	1.2	0.6	370.10	182.00	-1.4195
MU-1	3/18/1996	13:55	1.8	0.9	638.10	271.10	-1.7120
MU-1	3/18/1996	13:55	1.8	0.9	637.20	272.40	-1.6996
MU-1	3/18/1996	13:55	1.8	0.9	628.40	265.00	-1.7269
MU-1 Rep	3/18/1996	14:05	1.8	0.9	536.80	240.60	-1.6050
MU-1 Rep	3/18/1996	14:05	1.8	0.9	535.60	238.40	-1.6189
MU-1 Rep	3/18/1996	14:05	1.8	0.9	540.60	235.60	-1.6611
MU-2	3/18/1996	13:35	2.0	1.0	492.40	198.70	-1.8150
MU-2	3/18/1996	13:35	2.0	1.0	464.80	184.80	-1.8447
MU-2	3/18/1996	13:35	2.0	1.0	489.50	189.10	-1.9022
MU-3	3/18/1996	13:15	1.1	0.5	700.60	264.60	-1.9474
MU-3	3/18/1996	13:15	1.1	0.5	700.70	266.20	-1.9357
MU-3	3/18/1996	13:15	1.1	0.5	686.90	250.90	-2.0143
MU-4	3/18/1996	12:50	1.1	0.5	737.60	285.80	-1.8962
MU-4	3/18/1996	12:50	1.1	0.5	833.00	306.60	-1.9990

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
MU-4	3/18/1996	12:50	1.1	0.5	812.70	301.00	-1.9865
MU-5	3/18/1996	12:25	1.9	0.9	707.80	238.70	-2.1739
MU-5	3/18/1996	12:25	1.9	0.9	722.40	249.10	-2.1294
MU-5	3/18/1996	12:25	1.9	0.9	659.40	235.70	-2.0575
10-1	4/9/1996	12:30	3.0	1.0	1264.00	845.60	-0.8040
10-1	4/9/1996	12:30	3.0	1.0	1090.00	724.50	-0.8169
10-1	4/9/1996	12:30	2.8	1.0	1090.00	711.50	-0.8531
10-2	4/9/1996	12:10	2.7	1.0	1590.00	979.50	-0.9689
10-2	4/9/1996	12:10	2.7	1.0	1579.00	976.70	-0.9607
10-2	4/9/1996	12:10	2.7	1.0	1590.00	980.20	-0.9675
10-3	4/9/1996	12:20	2.0	1.0	1455.00	851.20	-1.0722
10-3	4/9/1996	12:20	2.0	1.0	1428.00	811.70	-1.1298
10-3	4/9/1996	12:20	2.0	1.0	1346.00	795.70	-1.0513
10-4	4/9/1996	11:55	5.3	1.0	1100.00	701.50	-0.8997
10-4	4/9/1996	11:55	5.3	1.0	1152.00	715.20	-0.9534
10-4	4/9/1996	11:55	5.3	1.0	1100.00	701.50	-0.8997
10-5	4/9/1996	11:40	2.3	1.0	977.60	650.00	-0.8163
10-5	4/9/1996	11:40	2.3	1.0	974.40	648.90	-0.8131
10-5	4/9/1996	11:40	2.3	1.0	992.00	652.50	-0.8378
11-1	4/9/1996	12:45	3.5	1.0	899.70	574.30	-0.8978
11-1	4/9/1996	12:45	3.5	1.0	854.70	563.10	-0.8346
11-1	4/9/1996	12:45	3.5	1.0	902.40	592.30	-0.8421
11-2	4/9/1996	13:00	3.6	1.0	1206.00	815.90	-0.7815
11-2	4/9/1996	13:00	3.6	1.0	1288.00	854.00	-0.8218
11-2	4/9/1996	13:00	3.6	1.0	1274.00	834.00	-0.8474
11-3	4/9/1996	10:00	2.5	1.0	880.80	599.90	-0.7681
11-3	4/9/1996	10:00	2.5	1.0	882.40	623.60	-0.6943
11-3	4/9/1996	10:00	2.5	1.0	896.80	611.30	-0.7665
11-3 Rep	4/9/1996	10:15	2.5	1.0	872.00	609.80	-0.7153
11-3 Rep	4/9/1996	10:15	2.5	1.0	864.00	605.10	-0.7124
11-3 Rep	4/9/1996	10:15	2.5	1.0	884.80	596.90	-0.7872
11-4	4/9/1996	10:30	1.9	0.9	715.70	480.60	-0.7965
11-4	4/9/1996	10:30	1.9	0.9	721.10	484.20	-0.7966
11-4	4/9/1996	10:30	1.9	0.9	721.70	479.20	-0.8190
11-5	4/9/1996	10:40	2.8	1.0	865.60	615.80	-0.6810
11-5	4/9/1996	10:40	2.8	1.0	864.80	620.00	-0.6656
11-5	4/9/1996	10:40	2.8	1.0	883.20	618.60	-0.7122
13-1	4/8/1996	9:40	1.0	0.5	462.80	301.00	-0.8604
13-1	4/8/1996	9:40	1.0	0.5	468.80	300.10	-0.8921
13-1	4/8/1996	9:40	1.0	0.5	468.90	301.70	-0.8819
13-1 Rep	4/8/1996	9:50	1.0	0.5	484.40	308.70	-0.9011
13-1 Rep	4/8/1996	9:50	1.0	0.5	491.60	311.90	-0.9100
13-1 Rep	4/8/1996	9:50	1.0	0.5	487.50	312.70	-0.8881
13-2	4/8/1996	10:00	1.3	0.6	505.70	295.20	-1.0766
13-2	4/8/1996	10:00	1.3	0.6	515.20	298.70	-1.0902
13-2	4/8/1996	10:00	1.3	0.6	517.50	300.80	-1.0851
13-3	4/8/1996	10:20	1.2	0.6	848.80	471.30	-1.1767
13-3	4/8/1996	10:20	1.2	0.6	856.00	475.10	-1.1775
13-3	4/8/1996	10:20	1.2	0.6	834.40	468.70	-1.1535

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
13-4	4/8/1996	10:35	1.0	0.5	761.40	457.10	-1.0205
13-4	4/8/1996	10:35	1.0	0.5	770.30	456.60	-1.0459
13-4	4/8/1996	10:35	1.0	0.5	789.80	457.10	-1.0938
13-5	4/8/1996	10:50	1.6	0.8	377.60	187.80	-1.3969
13-5	4/8/1996	10:50	1.6	0.8	376.20	181.30	-1.4599
13-5	4/8/1996	10:50	1.6	0.8	369.80	173.80	-1.5101
14-1	4/8/1996	11:10	1.9	0.9	303.60	134.50	-1.6283
14-1	4/8/1996	11:10	1.9	0.9	298.40	134.60	-1.5923
14-1	4/8/1996	11:10	1.9	0.9	283.20	127.20	-1.6008
14-2	4/8/1996	11:25	2.0	1.0	692.30	321.30	-1.5353
14-2	4/8/1996	11:25	2.0	1.0	744.70	348.10	-1.5210
14-2	4/8/1996	11:25	2.0	1.0	752.60	354.60	-1.5051
14-3	4/8/1996	11:40	1.4	0.7	969.60	522.90	-1.2350
14-3	4/8/1996	11:40	1.4	0.7	975.20	525.00	-1.2385
14-3	4/8/1996	11:40	1.4	0.7	975.20	518.60	-1.2630
14-4	4/8/1996	11:50	1.7	0.8	604.60	282.60	-1.5211
14-4	4/8/1996	11:50	1.7	0.8	601.80	278.60	-1.5403
14-4	4/8/1996	11:50	1.7	0.8	616.70	291.00	-1.5021
14-5	4/8/1996	12:05	2.7	1.0	686.60	381.80	-1.1737
14-5	4/8/1996	12:05	2.7	1.0	686.80	382.70	-1.1696
14-5	4/8/1996	12:05	2.7	1.0	687.80	380.90	-1.1819
16-1	4/10/1996	13:00	2.0	1.0	1090.00	757.60	-0.7276
16-1	4/10/1996	13:00	2.0	1.0	1035.00	700.60	-0.7804
16-1	4/10/1996	13:00	2.0	1.0	1063.00	728.80	-0.7549
16-2	4/10/1996	12:40	1.3	0.6	881.10	625.00	-0.6868
16-2	4/10/1996	12:40	1.3	0.6	854.90	616.50	-0.6539
16-2	4/10/1996	12:40	1.3	0.6	894.10	625.80	-0.7136
16-3	4/10/1996	12:25	2.0	1.0	1040.00	697.30	-0.7995
16-3	4/10/1996	12:25	2.0	1.0	926.40	617.40	-0.8116
16-3	4/10/1996	12:25	2.0	1.0	965.40	654.60	-0.7770
16-4	4/10/1996	12:15	1.2	0.6	1386.00	853.50	-0.9697
16-4	4/10/1996	12:15	1.2	0.6	1385.00	846.90	-0.9837
16-4	4/10/1996	12:15	1.2	0.6	1309.00	844.90	-0.8756
16-5	4/10/1996	11:55	2.1	1.0	903.50	599.70	-0.8197
16-5	4/10/1996	11:55	2.1	1.0	910.60	594.90	-0.8514
16-5	4/10/1996	11:55	2.1	1.0	918.30	587.40	-0.8936
LB-1	4/10/1996	11:15	1.1	0.5	1201.00	777.20	-0.8704
LB-1	4/10/1996	11:15	1.1	0.5	1232.00	787.70	-0.8946
LB-1	4/10/1996	11:15	1.1	0.5	1241.00	817.80	-0.8341
LB-2	4/10/1996	10:55	1.2	0.6	1098.00	688.50	-0.9335
LB-2	4/10/1996	10:55	1.2	0.6	1089.00	673.40	-0.9614
LB-2	4/10/1996	10:55	1.2	0.6	1066.00	676.20	-0.9104
LB-3	4/10/1996	10:40	1.0	0.5	778.80	515.20	-0.8264
LB-3	4/10/1996	10:40	1.0	0.5	760.60	505.40	-0.8175
LB-3	4/10/1996	10:40	1.0	0.5	796.50	524.90	-0.8340
LB-4	4/10/1996	10:25	2.2	1.0	738.90	486.80	-0.8346
LB-4	4/10/1996	10:25	2.2	1.0	733.50	493.90	-0.7910
LB-4	4/10/1996	10:25	2.2	1.0	706.00	468.60	-0.8197
LB-5	4/10/1996	10:00	1.3	0.6	829.30	519.10	-0.9370

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
LB-5	4/10/1996	10:00	1.3	0.6	864.60	536.60	-0.9540
LB-5	4/10/1996	10:00	1.3	0.6	819.00	512.40	-0.9380
LB-5 Rep	4/10/1996	10:10	1.3	0.6	970.70	616.50	-0.9079
LB-5 Rep	4/10/1996	10:10	1.3	0.6	892.00	563.20	-0.9197
LB-5 Rep	4/10/1996	10:10	1.3	0.6	875.80	553.50	-0.9178
ML-1	4/11/1996	11:20	2.1	1.0	618.90	141.00	-2.9584
ML-1	4/11/1996	11:20	2.1	1.0	561.40	132.90	-2.8817
ML-1	4/11/1996	11:20	2.1	1.0	579.70	115.30	-3.2299
ML-2	4/11/1996	11:00	2.1	1.0	517.10	100.20	-3.2821
ML-2	4/11/1996	11:00	2.1	1.0	502.60	99.11	-3.2471
ML-2	4/11/1996	11:00	2.1	1.0	459.90	109.50	-2.8702
ML-3	4/11/1996	10:45	2.3	1.0	132.00	42.43	-2.2699
ML-3	4/11/1996	10:45	2.3	1.0	127.90	42.30	-2.2129
ML-3	4/11/1996	10:45	2.3	1.0	130.50	44.51	-2.1513
ML-4	4/11/1996	10:25	1.8	0.9	138.70	35.15	-2.7454
ML-4	4/11/1996	10:25	1.8	0.9	122.60	38.90	-2.2959
ML-4	4/11/1996	10:25	1.8	0.9	105.60	34.52	-2.2362
ML-5	4/11/1996	10:00	1.0	0.5	254.60	78.61	-2.3504
ML-5	4/11/1996	10:00	1.0	0.5	356.60	98.91	-2.5648
ML-5	4/11/1996	10:00	1.0	0.5	363.10	95.03	-2.6810
ML-5 Rep	4/11/1996	10:15	1.0	0.5	309.50	90.91	-2.4502
ML-5 Rep	4/11/1996	10:15	1.0	0.5	265.70	92.10	-2.1190
ML-5 Rep	4/11/1996	10:15	1.0	0.5	261.90	75.33	-2.4922
MU-1	4/11/1996	12:35	2.3	1.0	211.60	61.42	-2.4739
MU-1	4/11/1996	12:35	2.3	1.0	216.80	63.41	-2.4587
MU-1	4/11/1996	12:35	2.3	1.0	212.40	62.21	-2.4559
MU-2	4/11/1996	12:15	2.0	1.0	215.70	56.06	-2.6949
MU-2	4/11/1996	12:15	2.0	1.0	185.00	52.50	-2.5191
MU-2	4/11/1996	12:15	2.0	1.0	175.40	52.05	-2.4297
MU-3	4/11/1996	11:55	1.4	0.7	131.40	45.36	-2.1272
MU-3	4/11/1996	11:55	1.4	0.7	150.20	50.27	-2.1891
MU-3	4/11/1996	11:55	1.4	0.7	165.50	50.18	-2.3867
MU-4	4/11/1996	11:45	1.4	0.7	346.10	86.46	-2.7741
MU-4	4/11/1996	11:45	1.4	0.7	312.50	71.63	-2.9462
MU-4	4/11/1996	11:45	1.4	0.7	354.90	79.14	-3.0012
MU-5	4/11/1996	11:30	1.7	0.8	209.80	68.27	-2.2454
MU-5	4/11/1996	11:30	1.7	0.8	207.00	59.64	-2.4888
MU-5	4/11/1996	11:30	1.7	0.8	186.50	60.96	-2.2364
10-1	5/8/1996	10:05	1.9	0.4	981.80	715.20	-0.6337
10-1	5/8/1996	10:05	1.9	0.4	990.80	707.00	-0.6750
10-1	5/8/1996	10:05	2.8	0.4	977.80	706.90	-0.6488
10-2	5/8/1996	9:35	2.0	1.0	867.80	610.30	-0.7040
10-2	5/8/1996	9:35	2.0	1.0	962.80	671.50	-0.7207
10-2	5/8/1996	9:35	2.0	1.0	969.50	674.30	-0.7262
10-3	5/8/1996	9:50	5.3	1.0	969.80	675.90	-0.7221
10-3	5/8/1996	9:50	5.3	1.0	997.10	681.50	-0.7611
10-3	5/8/1996	9:50	5.3	1.0	984.30	655.10	-0.8143
10-4	5/8/1996	9:20	0.8	0.4	841.00	565.20	-0.7948
10-4	5/8/1996	9:20	0.8	0.4	879.80	584.50	-0.8179

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
10-4	5/8/1996	9:20	0.8	0.4	866.70	579.90	-0.8037
10-5	5/8/1996	9:05	4.4	1.0	765.50	458.40	-1.0256
10-5	5/8/1996	9:05	4.4	1.0	805.50	462.50	-1.1096
10-5	5/8/1996	9:05	4.4	1.0	806.20	458.60	-1.1283
11-1	5/8/1996	10:20	3.5	1.0	1327.00	741.90	-1.1629
11-1	5/8/1996	10:20	3.5	1.0	1318.00	745.30	-1.1402
11-1	5/8/1996	10:20	3.5	1.0	1360.00	760.90	-1.1615
11-2	5/8/1996	10:40	3.4	1.0	1280.00	788.50	-0.9690
11-2	5/8/1996	10:40	3.4	1.0	1227.00	771.70	-0.9275
11-2	5/8/1996	10:40	3.4	1.0	1164.00	752.30	-0.8730
11-3	5/8/1996	8:00	2.7	1.0	315.00	201.70	-0.8916
11-3	5/8/1996	8:00	2.7	1.0	301.10	194.30	-0.8761
11-3	5/8/1996	8:00	2.7	1.0	302.70	194.20	-0.8877
11-3 Rep	5/8/1996	8:10	2.7	1.0	344.20	220.50	-0.8907
11-3 Rep	5/8/1996	8:10	2.7	1.0	315.80	204.60	-0.8681
11-3 Rep	5/8/1996	8:10	2.7	1.0	323.40	209.20	-0.8712
11-4	5/8/1996	8:35	3.1	1.0	496.30	287.00	-1.0954
11-4	5/8/1996	8:35	3.1	1.0	501.80	297.00	-1.0489
11-4	5/8/1996	8:35	3.1	1.0	492.40	279.00	-1.1362
11-5	5/8/1996	8:50	2.6	1.0	546.20	350.20	-0.8890
11-5	5/8/1996	8:50	2.6	1.0	554.40	352.60	-0.9051
11-5	5/8/1996	8:50	2.6	1.0	506.60	330.20	-0.8560
13-1	5/10/1996	11:35	1.6	0.8	419.10	251.50	-1.0213
13-1	5/10/1996	11:35	1.6	0.8	404.50	245.60	-0.9979
13-1	5/10/1996	11:35	1.6	0.8	400.20	247.50	-0.9611
13-2	5/10/1996	11:20	1.8	0.9	1333.00	877.00	-0.8374
13-2	5/10/1996	11:20	1.8	0.9	1401.00	919.90	-0.8414
13-2	5/10/1996	11:20	1.8	0.9	1306.00	850.20	-0.8585
13-3	5/10/1996	11:00	3.9	1.0	1033.00	642.40	-0.9500
13-3	5/10/1996	11:00	3.9	1.0	1043.00	652.60	-0.9378
13-3	5/10/1996	11:00	3.9	1.0	1100.00	684.00	-0.9502
13-4	5/10/1996	10:40	2.6	1.0	750.20	461.20	-0.9730
13-4	5/10/1996	10:40	2.6	1.0	787.70	455.50	-1.0954
13-4	5/10/1996	10:40	2.6	1.0	765.40	461.40	-1.0123
13-5	5/10/1996	10:30	2.0	1.0	810.60	484.60	-1.0289
13-5	5/10/1996	10:30	2.0	1.0	897.80	495.60	-1.1884
13-5	5/10/1996	10:30	2.0	1.0	849.40	502.50	-1.0499
14-1	5/10/1996	10:15	2.2	1.0	696.60	427.60	-0.9760
14-1	5/10/1996	10:15	2.2	1.0	665.40	407.30	-0.9817
14-1	5/10/1996	10:15	2.2	1.0	726.90	426.90	-1.0645
14-2	5/10/1996	10:05	1.4	0.7	801.60	438.40	-1.2070
14-2	5/10/1996	10:05	1.4	0.7	899.80	473.30	-1.2849
14-2	5/10/1996	10:05	1.4	0.7	815.70	452.40	-1.1790
14-3	5/10/1996	9:50	1.1	0.5	815.00	345.50	-1.7164
14-3	5/10/1996	9:50	1.1	0.5	818.20	365.30	-1.6128
14-3	5/10/1996	9:50	1.1	0.5	804.30	383.10	-1.4834
14-4	5/10/1996	9:40	2.3	1.0	627.70	312.40	-1.3956
14-4	5/10/1996	9:40	2.3	1.0	656.60	334.20	-1.3507
14-4	5/10/1996	9:40	2.3	1.0	652.30	336.00	-1.3268

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
14-5	5/10/1996	9:20	1.3	0.6	687.30	387.90	-1.1440
14-5	5/10/1996	9:20	1.3	0.6	697.80	397.60	-1.1250
14-5	5/10/1996	9:20	1.3	0.6	693.50	401.10	-1.0951
14-5 Rep	5/10/1996	9:30	1.3	0.6	680.80	406.90	-1.0294
14-5 Rep	5/10/1996	9:30	1.3	0.6	694.50	404.20	-1.0826
14-5 Rep	5/10/1996	9:30	1.3	0.6	693.00	412.30	-1.0386
16-1	5/7/1996	13:00	2.2	1.0	1536.00	1080.00	-0.7044
16-1	5/7/1996	13:00	2.2	1.0	1485.00	1076.00	-0.6443
16-1	5/7/1996	13:00	2.2	1.0	1506.00	1086.00	-0.6539
16-2	5/7/1996	12:45	1.4	0.7	1424.00	901.00	-0.9154
16-2	5/7/1996	12:45	1.4	0.7	1490.00	918.40	-0.9678
16-2	5/7/1996	12:45	1.4	0.7	1463.00	904.70	-0.9613
16-3	5/7/1996	13:30	1.7	0.8	1539.00	1027.00	-0.8090
16-3	5/7/1996	13:30	1.7	0.8	1549.00	1059.00	-0.7606
16-3	5/7/1996	13:30	1.7	0.8	1571.00	1093.00	-0.7256
16-4	5/7/1996	12:15	2.2	1.0	1418.00	903.00	-0.9026
16-4	5/7/1996	12:15	2.2	1.0	1433.00	906.00	-0.9170
16-4	5/7/1996	12:15	2.2	1.0	1501.00	962.20	-0.8893
16-5	5/7/1996	11:55	1.3	0.6	1486.00	943.40	-0.9087
16-5	5/7/1996	11:55	1.3	0.6	1450.00	928.60	-0.8913
16-5	5/7/1996	11:55	1.3	0.6	1498.00	907.90	-1.0015
LB-1	5/7/1996	11:05	0.9	0.4	1229.00	725.80	-1.0534
LB-1	5/7/1996	11:05	0.9	0.4	1263.00	805.90	-0.8986
LB-1	5/7/1996	11:05	0.9	0.4	1157.00	721.00	-0.9459
LB-2	5/7/1996	10:50	1.9	0.9	817.50	406.90	-1.3954
LB-2	5/7/1996	10:50	1.9	0.9	820.20	399.60	-1.4382
LB-2	5/7/1996	10:50	1.9	0.9	839.90	409.40	-1.4372
LB-3	5/7/1996	10:35	1.7	0.8	800.20	432.30	-1.2315
LB-3	5/7/1996	10:35	1.7	0.8	747.60	428.20	-1.1146
LB-3	5/7/1996	10:35	1.7	0.8	792.10	443.40	-1.1604
LB-4	5/7/1996	10:15	1.0	0.5	1138.00	634.20	-1.1693
LB-4	5/7/1996	10:15	1.0	0.5	1145.00	667.50	-1.0792
LB-4	5/7/1996	10:15	1.0	0.5	1185.00	677.60	-1.1179
LB-5	5/7/1996	10:00	1.5	0.7	836.80	528.00	-0.9210
LB-5	5/7/1996	10:00	1.5	0.7	887.40	539.60	-0.9949
LB-5	5/7/1996	10:00	1.5	0.7	843.20	524.90	-0.9480
LB-5 Rep	5/7/1996	10:01	1.5	0.7	709.10	458.80	-0.8708
LB-5 Rep	5/7/1996	10:01	1.5	0.7	769.60	500.80	-0.8593
LB-5 Rep	5/7/1996	10:01	1.5	0.7	776.90	490.40	-0.9202
ML-1	5/9/1996	10:25	1.2	0.6	702.10	256.90	-2.0108
ML-1	5/9/1996	10:25	1.2	0.6	633.50	233.50	-1.9962
ML-1	5/9/1996	10:25	1.2	0.6	602.00	202.40	-2.1800
ML-2	5/9/1996	10:10	1.1	0.5	634.90	259.60	-1.7887
ML-2	5/9/1996	10:10	1.1	0.5	581.30	238.20	-1.7843
ML-2	5/9/1996	10:10	1.1	0.5	589.60	230.90	-1.8749
ML-3	5/9/1996	10:00	3.3	1.0	383.70	135.40	-2.0833
ML-3	5/9/1996	10:00	3.3	1.0	260.10	103.60	-1.8411
ML-3	5/9/1996	10:00	3.3	1.0	279.70	100.10	-2.0551
ML-4	5/9/1996	9:45	1.7	0.8	247.40	94.12	-1.9329

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
ML-4	5/9/1996	9:45	1.7	0.8	264.50	96.48	-2.0170
ML-4	5/9/1996	9:45	1.7	0.8	287.80	93.85	-2.2411
ML-5	5/9/1996	9:30	2.3	1.0	183.50	67.90	-1.9884
ML-5	5/9/1996	9:30	2.3	1.0	183.10	68.35	-1.9708
ML-5	5/9/1996	9:30	2.3	1.0	187.60	67.74	-2.0373
ML-5 Rep	5/9/1996	9:35	2.3	1.0	187.00	66.18	-2.0775
ML-5 Rep	5/9/1996	9:35	2.3	1.0	188.10	66.84	-2.0693
ML-5 Rep	5/9/1996	9:35	2.3	1.0	190.20	66.64	-2.0975
MU-1	5/9/1996	11:45	2.0	1.0	408.60	139.30	-2.1522
MU-1	5/9/1996	11:45	2.0	1.0	394.60	140.40	-2.0668
MU-1	5/9/1996	11:45	2.0	1.0	367.50	139.10	-1.9431
MU-2	5/9/1996	11:25	3.4	1.0	394.40	142.00	-2.0431
MU-2	5/9/1996	11:25	3.4	1.0	394.60	150.00	-1.9345
MU-2	5/9/1996	11:25	3.4	1.0	455.20	151.40	-2.2016
MU-3	5/9/1996	11:10	1.1	0.5	501.40	139.80	-2.5544
MU-3	5/9/1996	11:10	1.1	0.5	464.00	128.50	-2.5679
MU-3	5/9/1996	11:10	1.1	0.5	381.40	126.20	-2.2120
MU-4	5/9/1996	10:50	1.7	0.8	107.10	37.13	-2.1187
MU-4	5/9/1996	10:50	1.7	0.8	108.60	37.66	-2.1181
MU-4	5/9/1996	10:50	1.7	0.8	109.40	38.66	-2.0804
MU-5	5/9/1996	10:40	1.3	0.6	117.70	38.76	-2.2215
MU-5	5/9/1996	10:40	1.3	0.6	118.40	39.98	-2.1714
MU-5	5/9/1996	10:40	1.3	0.6	110.30	39.68	-2.0447
LB-5	6/17/1996	9:55	2.1	1.0	526.10	357.80	-0.7710
LB-5	6/17/1996	9:55	2.1	1.0	486.00	340.00	-0.7145
LB-5	6/17/1996	9:55	2.1	1.0	469.60	327.80	-0.7190
LB-5 Rep	6/17/1996	10:00	2.1	0.7	460.00	320.20	-0.7246
LB-5 Rep	6/17/1996	10:00	2.1	0.7	513.80	358.60	-0.7193
LB-5 Rep	6/17/1996	10:00	2.1	0.7	503.70	354.10	-0.7048
LB-4	6/17/1996	10:10	1.4	0.7	493.20	322.40	-0.8502
LB-4	6/17/1996	10:10	1.4	0.7	481.00	312.10	-0.8651
LB-4	6/17/1996	10:10	1.4	0.7	470.40	306.70	-0.8554
LB-3	6/17/1996	10:25	1.0	0.5	670.40	312.00	-1.5297
LB-3	6/17/1996	10:25	1.0	0.5	693.40	320.50	-1.5434
LB-3	6/17/1996	10:25	1.0	0.5	683.60	320.90	-1.5125
LB-2	6/17/1996	10:40	1.5	0.7	646.00	334.00	-1.3193
LB-2	6/17/1996	10:40	1.5	0.7	645.60	333.40	-1.3217
LB-2	6/17/1996	10:40	1.5	0.7	655.80	333.40	-1.3530
LB-1	6/17/1996	11:00	2.7	1.0	555.20	273.80	-1.4139
LB-1	6/17/1996	11:00	2.7	1.0	549.60	275.12	-1.3840
LB-1	6/17/1996	11:00	2.7	1.0	540.80	274.36	-1.3572
16-5	6/17/1996	12:10	1.6	0.8	969.50	589.50	-0.9950
16-5	6/17/1996	12:10	1.6	0.8	916.30	558.50	-0.9902
16-5	6/17/1996	12:10	1.6	0.8	952.00	593.00	-0.9467
16-4	6/17/1996	12:25	3.3	1.0	1168.20	645.00	-1.1879
16-4	6/17/1996	12:25	3.3	1.0	1180.20	638.00	-1.2302
16-4	6/17/1996	12:25	3.3	1.0	1176.70	643.50	-1.2071
16-3	6/17/1996	12:40	2.3	1.0	757.40	421.50	-1.1721
16-3	6/17/1996	12:40	2.3	1.0	711.20	411.70	-1.0933

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
16-3	6/17/1996	12:40	2.3	1.0	743.30	428.60	-1.1012
16-2	6/17/1996	12:50	1.4	0.7	861.40	557.60	-0.8698
16-2	6/17/1996	12:50	1.4	0.7	857.60	551.60	-0.8826
16-2	6/17/1996	12:50	1.4	0.7	857.90	559.80	-0.8538
16-1	6/17/1996	13:05	2.6	1.0	329.50	206.90	-0.9307
16-1	6/17/1996	13:05	2.6	1.0	334.50	210.80	-0.9235
16-1	6/17/1996	13:05	2.6	1.0	343.10	211.90	-0.9638
10-5	6/18/1996	10:20	3.1	1.0	1136.00	809.10	-0.6787
10-5	6/18/1996	10:20	3.1	1.0	1123.00	805.20	-0.6653
10-5	6/18/1996	10:20	3.1	1.0	1186.00	858.60	-0.6461
10-5 Rep	6/18/1996	10:30	3.1	1.0	1119.00	790.50	-0.6951
10-5 Rep	6/18/1996	10:30	3.1	1.0	1120.00	796.60	-0.6815
10-5 Rep	6/18/1996	10:30	3.1	1.0	1091.50	789.90	-0.6468
11-5	6/18/1996	10:50	2.9	1.0	1020.00	784.80	-0.5243
11-5	6/18/1996	10:50	2.9	1.0	971.40	736.70	-0.5531
11-5	6/18/1996	10:50	2.9	1.0	983.50	746.50	-0.5514
11-4	6/18/1996	11:10	1.6	0.8	1045.00	804.70	-0.5226
11-4	6/18/1996	11:10	1.6	0.8	1035.00	789.80	-0.5408
11-4	6/18/1996	11:10	1.6	0.8	994.20	754.60	-0.5515
11-3	6/18/1996	11:25	4.0	1.0	1004.00	765.10	-0.5435
11-3	6/18/1996	11:25	4.0	1.0	1026.00	784.30	-0.5373
11-3	6/18/1996	11:25	4.0	1.0	1068.00	819.70	-0.5292
10-4	6/18/1996	11:35	4.8	1.0	1305.00	947.90	-0.6394
10-4	6/18/1996	11:35	4.8	1.0	1227.00	902.60	-0.6141
10-4	6/18/1996	11:35	4.8	1.0	1268.00	925.70	-0.6293
10-2	6/18/1996	11:55	1.8	0.9	1443.00	1078.00	-0.5832
10-2	6/18/1996	11:55	1.8	0.9	1439.00	1072.00	-0.5888
10-2	6/18/1996	11:55	1.8	0.9	1461.00	1099.00	-0.5694
10-3	6/18/1996	12:10	1.6	0.8	1304.00	1031.00	-0.4698
10-3	6/18/1996	12:10	1.6	0.8	1590.00	1254.00	-0.4748
10-3	6/18/1996	12:10	1.6	0.8	1537.00	1216.00	-0.4685
10-1	6/18/1996	12:30	3.8	1.0	1255.00	1047.00	-0.3624
10-1	6/18/1996	12:30	3.8	1.0	1218.00	1029.00	-0.3372
10-1	6/18/1996	12:30	3.8	1.0	1218.00	1030.00	-0.3353
11-1	6/18/1996	12:45	2.6	1.0	1189.00	928.50	-0.4946
11-1	6/18/1996	12:45	2.6	1.0	1135.00	890.40	-0.4854
11-1	6/18/1996	12:45	2.6	1.0	1133.00	890.30	-0.4821
11-2	6/18/1996	13:05	4.0	1.0	1139.00	910.00	-0.4489
11-2	6/18/1996	13:05	4.0	1.0	1182.00	947.10	-0.4431
11-2	6/18/1996	13:05	4.0	1.0	1121.00	902.50	-0.4336
14-5	6/19/1996	10:00	1.1	0.5	600.10	384.20	-0.8919
14-5	6/19/1996	10:00	1.1	0.5	600.20	387.20	-0.8766
14-5	6/19/1996	10:00	1.1	0.5	605.60	388.20	-0.8894
14-5 Rep	6/19/1996	10:05	1.1	0.5	616.60	397.30	-0.8791
14-5 Rep	6/19/1996	10:05	1.1	0.5	620.60	402.80	-0.8645
14-5 Rep	6/19/1996	10:05	1.1	0.5	618.60	404.10	-0.8516
14-4	6/19/1996	10:20	2.0	1.0	879.40	607.30	-0.7404
14-4	6/19/1996	10:20	2.0	1.0	797.40	557.50	-0.7158
14-4	6/19/1996	10:20	2.0	1.0	809.00	552.50	-0.7627

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
14-3	6/19/1996	10:35	3.0	1.0	781.20	465.20	-1.0367
14-3	6/19/1996	10:35	3.0	1.0	790.00	476.60	-1.0107
14-3	6/19/1996	10:35	3.0	1.0	788.70	468.80	-1.0404
14-2	6/19/1996	10:55	2.0	1.0	661.10	422.20	-0.8969
14-2	6/19/1996	10:55	2.0	1.0	654.60	422.40	-0.8761
14-2	6/19/1996	10:55	2.0	1.0	661.40	424.80	-0.8855
14-1	6/19/1996	11:10	2.1	1.0	824.70	465.80	-1.1425
14-1	6/19/1996	11:10	2.1	1.0	830.20	470.60	-1.1353
14-1	6/19/1996	11:10	2.1	1.0	820.20	474.70	-1.0937
13-5	6/19/1996	11:25	3.2	1.0	486.10	280.50	-1.0997
13-5	6/19/1996	11:25	3.2	1.0	404.60	236.20	-1.0764
13-5	6/19/1996	11:25	3.2	1.0	416.50	244.50	-1.0653
13-4	6/19/1996	11:40	1.3	0.6	1029.00	605.60	-1.0602
13-4	6/19/1996	11:40	1.3	0.6	1075.00	605.40	-1.1484
13-4	6/19/1996	11:40	1.3	0.6	1049.00	603.80	-1.1047
13-3	6/19/1996	11:50	1.7	0.8	605.50	356.40	-1.0600
13-3	6/19/1996	11:50	1.7	0.8	642.30	390.10	-0.9973
13-3	6/19/1996	11:50	1.7	0.8	627.80	376.60	-1.0221
13-2	6/19/1996	12:15	1.2	0.6	1355.00	805.10	-1.0412
13-2	6/19/1996	12:15	1.2	0.6	1361.00	822.50	-1.0073
13-2	6/19/1996	12:15	1.2	0.6	1368.00	831.40	-0.9960
13-1	6/19/1996	12:30	1.2	0.6	1095.00	734.20	-0.7995
13-1	6/19/1996	12:30	1.2	0.6	1099.00	739.60	-0.7921
13-1	6/19/1996	12:30	1.2	0.6	1104.00	741.20	-0.7968
ML-5	6/20/1996	10:10	2.1	1.0	294.60	138.66	-1.5072
ML-5	6/20/1996	10:10	2.1	1.0	292.60	138.46	-1.4965
ML-5	6/20/1996	10:10	2.1	1.0	292.40	137.48	-1.5093
ML-5 Rep	6/20/1996	10:20	2.1	1.0	288.40	136.66	-1.4937
ML-5 Rep	6/20/1996	10:20	2.1	1.0	288.20	135.68	-1.5067
ML-5 Rep	6/20/1996	10:20	2.1	1.0	286.40	135.14	-1.5022
ML-4	6/20/1996	10:30	2.3	1.0	286.40	129.00	-1.5952
ML-4	6/20/1996	10:30	2.3	1.0	282.10	128.00	-1.5805
ML-4	6/20/1996	10:30	2.3	1.0	277.00	127.20	-1.5565
ML-3	6/20/1996	10:40	1.8	0.9	387.00	133.30	-2.1316
ML-3	6/20/1996	10:40	1.8	0.9	385.50	132.60	-2.1344
ML-3	6/20/1996	10:40	1.8	0.9	382.20	131.20	-2.1384
ML-2	6/20/1996	10:50	1.3	0.6	893.40	325.00	-2.0224
ML-2	6/20/1996	10:50	1.3	0.6	937.20	340.40	-2.0256
ML-2	6/20/1996	10:50	1.3	0.6	941.10	347.10	-1.9949
ML-1	6/20/1996	11:00	1.4	0.7	865.80	340.80	-1.8647
ML-1	6/20/1996	11:00	1.4	0.7	860.60	338.00	-1.8692
ML-1	6/20/1996	11:00	1.4	0.7	871.70	338.20	-1.8936
MU-5	6/20/1996	11:15	1.8	0.9	551.00	287.20	-1.3031
MU-5	6/20/1996	11:15	1.8	0.9	552.60	286.20	-1.3159
MU-5	6/20/1996	11:15	1.8	0.9	559.60	291.00	-1.3078
MU-4	6/20/1996	11:25	1.4	0.7	539.70	111.30	-3.1576
MU-4	6/20/1996	11:25	1.4	0.7	533.60	111.70	-3.1277
MU-4	6/20/1996	11:25	1.4	0.7	542.80	120.40	-3.0118
MU-3	6/20/1996	11:40	1.7	0.8	644.30	335.20	-1.3069

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
MU-3	6/20/1996	11:40	1.7	0.8	622.10	326.10	-1.2918
MU-3	6/20/1996	11:40	1.7	0.8	621.10	323.30	-1.3058
MU-2	6/20/1996	11:50	2.9	1.0	418.60	86.94	-3.1434
MU-2	6/20/1996	11:50	2.9	1.0	408.40	80.56	-3.2465
MU-2	6/20/1996	11:50	2.9	1.0	401.40	75.10	-3.3523
MU-1	6/20/1996	12:10	1.7	0.8	252.40	59.18	-2.9009
MU-1	6/20/1996	12:10	1.7	0.8	250.20	59.84	-2.8612
MU-1	6/20/1996	12:10	1.7	0.8	248.40	61.18	-2.8024
10-1	7/15/1996	11:35	2.4	1.0	1313.00	887.00	-0.7844
10-1	7/15/1996	11:35	2.4	1.0	1339.00	898.00	-0.7990
10-1	7/15/1996	11:35	2.4	1.0	1354.00	910.00	-0.7947
10-2	7/15/1996	10:55	1.6	0.8	1219.00	814.00	-0.8077
10-2	7/15/1996	10:55	1.6	0.8	1662.00	1113.00	-0.8019
10-2	7/15/1996	10:55	1.6	0.8	1698.00	1132.00	-0.8109
10-3	7/15/1996	11:15	1.4	0.7	1842.00	1243.00	-0.7866
10-3	7/15/1996	11:15	1.4	0.7	1694.00	1139.00	-0.7939
10-3	7/15/1996	11:15	1.4	0.7	1666.00	1118.00	-0.7978
10-4	7/15/1996	10:35	5.3	1.0	1242.00	822.00	-0.8255
10-4	7/15/1996	10:35	5.3	1.0	1210.00	800.00	-0.8275
10-4	7/15/1996	10:35	5.3	1.0	1186.00	787.60	-0.8187
10-5	7/15/1996	9:50	2.9	1.0	951.90	582.50	-0.9823
10-5	7/15/1996	9:50	2.9	1.0	814.20	501.80	-0.9680
10-5	7/15/1996	9:50	2.9	1.0	841.80	516.20	-0.9781
10-5 Rep	7/15/1996	10:00	2.9	1.0	823.70	512.30	-0.9498
10-5 Rep	7/15/1996	10:00	2.9	1.0	863.10	540.90	-0.9346
10-5 Rep	7/15/1996	10:00	2.9	1.0	847.80	533.40	-0.9267
11-1	7/15/1996	11:55	4.2	1.0	905.20	669.60	-0.6030
11-1	7/15/1996	11:55	4.2	1.0	899.20	660.80	-0.6161
11-1	7/15/1996	11:55	4.2	1.0	893.60	654.00	-0.6243
11-2	7/15/1996	12:05	3.8	1.0	1165.00	792.40	-0.7708
11-2	7/15/1996	12:05	3.8	1.0	1152.00	778.80	-0.7830
11-2	7/15/1996	12:05	3.8	1.0	1158.00	782.40	-0.7842
11-3	7/15/1996	12:20	3.5	1.0	1245.00	816.40	-0.8440
11-3	7/15/1996	12:20	3.5	1.0	1192.00	778.80	-0.8513
11-3	7/15/1996	12:20	3.5	1.0	1198.00	782.40	-0.8521
11-4	7/15/1996	10:20	2.5	1.0	1359.00	902.40	-0.8189
11-4	7/15/1996	10:20	2.5	1.0	1315.00	873.00	-0.8193
11-4	7/15/1996	10:20	2.5	1.0	1254.00	837.50	-0.8073
11-5	7/15/1996	10:10	2.5	1.0	957.90	648.30	-0.7808
11-5	7/15/1996	10:10	2.5	1.0	915.20	613.50	-0.7999
11-5	7/15/1996	10:10	2.5	1.0	920.40	617.90	-0.7970
13-1	7/16/1996	12:45	1.7	0.8	1061.00	780.10	-0.6151
13-1	7/16/1996	12:45	1.7	0.8	1080.00	798.80	-0.6032
13-1	7/16/1996	12:45	1.7	0.8	1080.00	793.70	-0.6160
13-2	7/16/1996	12:30	2.5	1.0	1064.00	700.70	-0.8354
13-2	7/16/1996	12:30	2.5	1.0	1097.00	715.60	-0.8544
13-2	7/16/1996	12:30	2.5	1.0	1091.00	712.60	-0.8519
13-3	7/16/1996	12:15	2.8	1.0	962.30	577.00	-1.0230

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
13-3	7/16/1996	12:15	2.8	1.0	968.10	563.80	-1.0813
13-3	7/16/1996	12:15	2.8	1.0	920.60	545.10	-1.0481
13-4	7/16/1996	11:45	1.4	0.7	1003.00	624.60	-0.9473
13-4	7/16/1996	11:45	1.4	0.7	1014.00	631.60	-0.9468
13-4	7/16/1996	11:45	1.4	0.7	976.30	605.10	-0.9568
13-5	7/16/1996	11:10	1.4	0.7	925.10	660.00	-0.6753
13-5	7/16/1996	11:10	1.4	0.7	939.50	666.90	-0.6854
13-5	7/16/1996	11:10	1.4	0.7	1007.00	715.00	-0.6849
14-1	7/16/1996	10:55	0.8	0.4	1325.00	705.60	-1.2602
14-1	7/16/1996	10:55	0.8	0.4	1327.00	704.70	-1.2658
14-1	7/16/1996	10:55	0.8	0.4	1420.00	747.00	-1.2847
14-2	7/16/1996	10:40	2.0	1.0	1039.00	542.80	-1.2985
14-2	7/16/1996	10:40	2.0	1.0	1006.00	523.60	-1.3060
14-2	7/16/1996	10:40	2.0	1.0	1055.00	548.80	-1.3071
14-3	7/16/1996	10:25	2.0	1.0	850.00	431.50	-1.3559
14-3	7/16/1996	10:25	2.0	1.0	854.40	442.70	-1.3150
14-3	7/16/1996	10:25	2.0	1.0	809.00	413.00	-1.3447
14-4	7/16/1996	10:10	2.5	1.0	635.60	361.70	-1.1275
14-4	7/16/1996	10:10	2.5	1.0	616.90	350.60	-1.1301
14-4	7/16/1996	10:10	2.5	1.0	600.20	340.50	-1.1337
14-5	7/16/1996	9:55	1.5	0.7	729.90	436.60	-1.0278
14-5	7/16/1996	9:55	1.5	0.7	708.60	415.20	-1.0691
14-5	7/16/1996	9:55	1.5	0.7	758.10	453.00	-1.0298
14-5 Rep	7/16/1996	10:00	1.5	0.7	806.40	465.10	-1.1007
14-5 Rep	7/16/1996	10:00	1.5	0.7	793.70	479.30	-1.0088
14-5 Rep	7/16/1996	10:00	1.5	0.7	801.80	462.40	-1.1009
16-1	7/17/1996	13:15	2.5	1.0	538.80	316.60	-1.0634
16-1	7/17/1996	13:15	2.5	1.0	535.00	309.00	-1.0979
16-1	7/17/1996	13:15	2.5	1.0	537.40	315.20	-1.0671
16-2	7/17/1996	12:55	2.3	1.0	654.00	443.50	-0.7768
16-2	7/17/1996	12:55	2.3	1.0	525.00	356.20	-0.7758
16-2	7/17/1996	12:55	2.3	1.0	487.50	332.10	-0.7677
16-3	7/17/1996	12:40	1.9	0.9	654.00	527.00	-0.4318
16-3	7/17/1996	12:40	1.9	0.9	749.00	497.80	-0.8171
16-3	7/17/1996	12:40	1.9	0.9	729.50	542.50	-0.5923
16-4	7/17/1996	12:30	2.9	1.0	805.00	548.50	-0.7673
16-4	7/17/1996	12:30	2.9	1.0	850.50	523.50	-0.9706
16-4	7/17/1996	12:30	2.9	1.0	888.00	500.00	-1.1487
16-5	7/17/1996	12:15	2.2	1.0	599.20	395.80	-0.8294
16-5	7/17/1996	12:15	2.2	1.0	584.00	385.40	-0.8312
16-5	7/17/1996	12:15	2.2	1.0	589.60	386.90	-0.8426
LB-1	7/17/1996	10:55	3.2	1.0	542.60	279.80	-1.3246
LB-1	7/17/1996	10:55	3.2	1.0	561.60	289.40	-1.3260
LB-1	7/17/1996	10:55	3.2	1.0	656.60	340.20	-1.3151
LB-2	7/17/1996	10:40	2.9	1.0	496.50	228.10	-1.5556
LB-2	7/17/1996	10:40	2.9	1.0	492.70	230.50	-1.5193
LB-2	7/17/1996	10:40	2.9	1.0	494.30	232.00	-1.5128
LB-3	7/17/1996	10:25	1.2	0.6	596.40	316.60	-1.2665
LB-3	7/17/1996	10:25	1.2	0.6	553.20	295.60	-1.2534

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
LB-3	7/17/1996	10:25	1.2	0.6	507.60	274.40	-1.2302
LB-4	7/17/1996	10:15	1.2	0.6	628.60	327.30	-1.3052
LB-4	7/17/1996	10:15	1.2	0.6	633.40	328.00	-1.3162
LB-4	7/17/1996	10:15	1.2	0.6	617.60	319.70	-1.3169
LB-5	7/17/1996	9:50	1.8	0.9	540.40	289.20	-1.2504
LB-5	7/17/1996	9:50	1.8	0.9	541.20	289.40	-1.2520
LB-5	7/17/1996	9:50	1.8	0.9	553.60	297.50	-1.2421
LB-5 Rep	7/17/1996	10:00	1.8	0.9	534.80	281.00	-1.2871
LB-5 Rep	7/17/1996	10:00	1.8	0.9	513.20	271.00	-1.2771
LB-5 Rep	7/17/1996	10:00	1.8	0.9	537.20	282.40	-1.2861
ML-1	7/18/1996	10:40	2.4	1.0	496.80	127.40	-2.7217
ML-1	7/18/1996	10:40	2.4	1.0	477.30	117.80	-2.7983
ML-1	7/18/1996	10:40	2.4	1.0	476.10	117.60	-2.7967
ML-2	7/18/1996	10:30	1.7	0.8	397.50	97.38	-2.8131
ML-2	7/18/1996	10:30	1.7	0.8	398.40	96.87	-2.8282
ML-2	7/18/1996	10:30	1.7	0.8	379.80	95.58	-2.7594
ML-3	7/18/1996	10:20	0.8	0.4	569.30	96.82	-3.5431
ML-3	7/18/1996	10:20	0.8	0.4	555.10	95.08	-3.5289
ML-3	7/18/1996	10:20	0.8	0.4	554.80	96.26	-3.5031
ML-4	7/18/1996	10:10	2.8	1.0	296.40	60.00	-3.1947
ML-4	7/18/1996	10:10	2.8	1.0	324.20	65.68	-3.1931
ML-4	7/18/1996	10:10	2.8	1.0	326.90	66.48	-3.1855
ML-5	7/18/1996	9:50	1.3	0.6	348.00	87.28	-2.7662
ML-5	7/18/1996	9:50	1.3	0.6	359.00	92.04	-2.7222
ML-5	7/18/1996	9:50	1.3	0.6	359.90	89.52	-2.7827
ML-5 Rep	7/18/1996	10:00	1.3	0.6	380.00	97.72	-2.7161
ML-5 Rep	7/18/1996	10:00	1.3	0.6	378.20	93.52	-2.7945
ML-5 Rep	7/18/1996	10:00	1.3	0.6	378.00	93.84	-2.7866
MU-1	7/18/1996	12:05	1.8	0.9	155.30	36.26	-2.9093
MU-1	7/18/1996	12:05	1.8	0.9	151.20	34.29	-2.9675
MU-1	7/18/1996	12:05	1.8	0.9	162.10	34.89	-3.0720
MU-2	7/18/1996	11:35	2.6	1.0	203.30	54.89	-2.6187
MU-2	7/18/1996	11:35	2.6	1.0	202.30	54.29	-2.6308
MU-2	7/18/1996	11:35	2.6	1.0	200.20	53.90	-2.6244
MU-3	7/18/1996	11:20	2.0	1.0	105.90	21.01	-3.2350
MU-3	7/18/1996	11:20	2.0	1.0	118.50	21.80	-3.3860
MU-3	7/18/1996	11:20	2.0	1.0	117.60	22.85	-3.2767
MU-4	7/18/1996	11:00	1.3	0.6	247.80	53.04	-3.0832
MU-4	7/18/1996	11:00	1.3	0.6	240.50	53.31	-3.0132
MU-4	7/18/1996	11:00	1.3	0.6	218.90	49.61	-2.9688
MU-5	7/18/1996	10:50	2.4	1.0	430.50	101.50	-2.8898
MU-5	7/18/1996	10:50	2.4	1.0	436.50	104.00	-2.8688
MU-5	7/18/1996	10:50	2.4	1.0	419.40	103.10	-2.8063
10-1	8/22/1996	11:35	3.5	1.0	536.60	357.10	-0.8145
10-1	8/22/1996	11:35	3.5	1.0	545.90	363.50	-0.8133
10-1	8/22/1996	11:35	3.5	1.0	540.00	356.10	-0.8327
10-2	8/22/1996	12:30	2.9	1.0	1105.00	792.70	-0.6643
10-2	8/22/1996	12:30	2.9	1.0	1060.00	760.50	-0.6641

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
10-2	8/22/1996	12:30	2.9	1.0	1009.00	726.30	-0.6575
10-3	8/22/1996	11:55	2.9	1.0	1013.00	693.50	-0.7578
10-3	8/22/1996	11:55	2.9	1.0	993.70	685.90	-0.7414
10-3	8/22/1996	11:55	2.9	1.0	1010.00	687.20	-0.7702
10-4	8/22/1996	12:15	1.3	0.6	981.50	665.40	-0.7774
10-4	8/22/1996	12:15	1.3	0.6	1004.00	676.70	-0.7890
10-4	8/22/1996	12:15	1.3	0.6	1034.00	698.70	-0.7839
10-5	8/22/1996	10:20	3.0	1.0	905.90	500.70	-1.1858
10-5	8/22/1996	10:20	3.0	1.0	941.60	516.30	-1.2018
10-5	8/22/1996	10:20	3.0	1.0	987.40	537.80	-1.2152
11-1	8/22/1996	11:20	3.2	1.0	704.40	389.00	-1.1875
11-1	8/22/1996	11:20	3.2	1.0	658.90	377.80	-1.1124
11-1	8/22/1996	11:20	3.2	1.0	610.70	356.40	-1.0771
11-2	8/22/1996	11:05	3.2	1.0	930.20	548.10	-1.0579
11-2	8/22/1996	11:05	3.2	1.0	945.00	564.84	-1.0293
11-2	8/22/1996	11:05	3.2	1.0	949.20	567.72	-1.0280
11-3	8/22/1996	10:50	3.3	1.0	886.40	600.60	-0.7785
11-3	8/22/1996	10:50	3.3	1.0	858.80	582.90	-0.7750
11-3	8/22/1996	10:50	3.3	1.0	872.30	592.30	-0.7742
11-4	8/22/1996	10:35	2.0	1.0	951.80	666.50	-0.7126
11-4	8/22/1996	10:35	2.0	1.0	952.40	669.50	-0.7049
11-4	8/22/1996	10:35	2.0	1.0	911.10	635.50	-0.7205
11-5	8/22/1996	10:00	2.4	1.0	798.20	501.90	-0.9279
11-5	8/22/1996	10:00	2.4	1.0	763.60	478.60	-0.9344
11-5	8/22/1996	10:00	2.4	1.0	773.20	487.40	-0.9229
11-5 Rep	8/22/1996	10:10	2.4	1.0	748.80	474.00	-0.9145
11-5 Rep	8/22/1996	10:10	2.4	1.0	776.80	491.80	-0.9142
11-5 Rep	8/22/1996	10:10	2.4	1.0	778.40	492.60	-0.9151
13-1	8/20/1996	12:45	1.4	0.7	402.40	198.40	-1.4143
13-1	8/20/1996	12:45	1.4	0.7	416.30	205.60	-1.4109
13-1	8/20/1996	12:45	1.4	0.7	419.50	206.80	-1.4146
13-2	8/20/1996	12:30	1.8	0.9	481.10	223.00	-1.5378
13-2	8/20/1996	12:30	1.8	0.9	459.00	213.50	-1.5308
13-2	8/20/1996	12:30	1.8	0.9	449.60	210.10	-1.5215
13-3	8/20/1996	12:15	3.7	1.0	730.20	426.90	-1.0735
13-3	8/20/1996	12:15	3.7	1.0	767.50	456.00	-1.0413
13-3	8/20/1996	12:15	3.7	1.0	758.00	438.30	-1.0956
13-4	8/20/1996	11:45	2.6	1.0	398.80	176.50	-1.6303
13-4	8/20/1996	11:45	2.6	1.0	383.60	170.50	-1.6217
13-4	8/20/1996	11:45	2.6	1.0	380.00	168.10	-1.6312
13-5	8/20/1996	11:30	2.2	1.0	469.70	262.00	-1.1675
13-5	8/20/1996	11:30	2.2	1.0	451.00	253.30	-1.1538
13-5	8/20/1996	11:30	2.2	1.0	444.90	250.70	-1.1472
14-1	8/20/1996	11:20	4.2	1.0	176.30	91.29	-1.3163
14-1	8/20/1996	11:20	4.2	1.0	183.30	94.23	-1.3308
14-1	8/20/1996	11:20	4.2	1.0	197.80	100.30	-1.3582
14-2	8/20/1996	11:05	1.6	0.8	390.60	238.60	-0.9858
14-2	8/20/1996	11:05	1.6	0.8	383.20	233.10	-0.9942
14-2	8/20/1996	11:05	1.6	0.8	378.30	227.80	-1.0144

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
14-3	8/20/1996	10:45	1.0	0.5	528.00	307.50	-1.0812
14-3	8/20/1996	10:45	1.0	0.5	514.60	301.80	-1.0673
14-3	8/20/1996	10:45	1.0	0.5	521.80	300.50	-1.1037
14-4	8/20/1996	10:30	1.6	0.8	285.50	202.50	-0.6870
14-4	8/20/1996	10:30	1.6	0.8	277.80	195.80	-0.6996
14-4	8/20/1996	10:30	1.6	0.8	272.90	193.50	-0.6877
14-5	8/20/1996	10:00	1.7	0.8	283.60	188.20	-0.8201
14-5	8/20/1996	10:00	1.7	0.8	291.90	193.10	-0.8264
14-5	8/20/1996	10:00	1.7	0.8	305.70	202.30	-0.8257
14-5 Rep	8/20/1996	10:10	1.7	0.8	309.90	204.30	-0.8333
14-5 Rep	8/20/1996	10:10	1.7	0.8	315.10	207.20	-0.8384
14-5 Rep	8/20/1996	10:10	1.7	0.8	298.10	195.50	-0.8437
16-1	8/21/1996	12:20	1.7	0.8	1182.00	798.70	-0.7840
16-1	8/21/1996	12:20	1.7	0.8	1205.00	816.00	-0.7796
16-1	8/21/1996	12:20	1.7	0.8	1222.00	833.40	-0.7655
16-2	8/21/1996	12:10	1.3	0.6	980.40	703.40	-0.6641
16-2	8/21/1996	12:10	1.3	0.6	880.90	633.40	-0.6597
16-2	8/21/1996	12:10	1.3	0.6	1078.00	769.70	-0.6737
16-3	8/21/1996	11:55	1.8	0.9	535.70	392.30	-0.6231
16-3	8/21/1996	11:55	1.8	0.9	531.50	388.50	-0.6268
16-3	8/21/1996	11:55	1.8	0.9	537.30	393.80	-0.6214
16-4	8/21/1996	11:45	1.5	0.7	1237.00	812.30	-0.8411
16-4	8/21/1996	11:45	1.5	0.7	1231.00	811.00	-0.8346
16-4	8/21/1996	11:45	1.5	0.7	1292.00	856.30	-0.8227
16-5	8/21/1996	11:30	2.7	1.0	949.90	613.20	-0.8753
16-5	8/21/1996	11:30	2.7	1.0	885.00	574.70	-0.8635
16-5	8/21/1996	11:30	2.7	1.0	996.00	646.70	-0.8637
LB-1	8/21/1996	10:45	1.3	0.6	374.20	172.80	-1.5453
LB-1	8/21/1996	10:45	1.3	0.6	361.20	165.90	-1.5561
LB-1	8/21/1996	10:45	1.3	0.6	369.30	169.70	-1.5552
LB-2	8/21/1996	10:30	1.8	0.9	312.50	149.90	-1.4693
LB-2	8/21/1996	10:30	1.8	0.9	302.60	142.50	-1.5061
LB-2	8/21/1996	10:30	1.8	0.9	309.80	147.50	-1.4842
LB-3	8/21/1996	10:15	1.1	0.5	458.20	249.70	-1.2141
LB-3	8/21/1996	10:15	1.1	0.5	479.20	256.40	-1.2508
LB-3	8/21/1996	10:15	1.1	0.5	466.20	251.50	-1.2343
LB-4	8/21/1996	10:00	1.3	0.6	481.30	263.30	-1.2064
LB-4	8/21/1996	10:00	1.3	0.6	477.60	256.20	-1.2456
LB-4	8/21/1996	10:00	1.3	0.6	463.80	252.90	-1.2129
LB-5	8/21/1996	9:30	1.6	0.8	214.00	134.70	-0.9259
LB-5	8/21/1996	9:30	1.6	0.8	212.00	133.20	-0.9295
LB-5	8/21/1996	9:30	1.6	0.8	217.80	136.70	-0.9316
LB-5 Rep	8/21/1996	9:40	1.6	0.8	216.20	134.90	-0.9433
LB-5 Rep	8/21/1996	9:40	1.6	0.8	217.10	135.80	-0.9383
LB-5 Rep	8/21/1996	9:40	1.6	0.8	218.70	137.40	-0.9296
ML-1	8/19/1996	10:55	2.4	1.0	63.70	13.61	-3.0868
ML-1	8/19/1996	10:55	2.4	1.0	61.34	13.40	-3.0424
ML-1	8/19/1996	10:55	2.4	1.0	60.60	13.61	-2.9870
ML-2	8/19/1996	10:40	1.3	0.6	157.80	35.09	-3.0068

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
ML-2	8/19/1996	10:40	1.3	0.6	156.70	35.99	-2.9422
ML-2	8/19/1996	10:40	1.3	0.6	168.20	37.72	-2.9899
ML-3	8/19/1996	10:25	1.2	0.6	230.70	55.32	-2.8560
ML-3	8/19/1996	10:25	1.2	0.6	218.00	49.36	-2.9707
ML-3	8/19/1996	10:25	1.2	0.6	202.30	47.02	-2.9184
ML-4	8/19/1996	10:05	5.5	1.0	58.21	16.34	-2.5409
ML-4	8/19/1996	10:05	5.5	1.0	58.61	16.37	-2.5509
ML-4	8/19/1996	10:05	5.5	1.0	63.56	16.66	-2.6779
ML-5	8/19/1996	9:40	1.6	0.8	86.86	23.82	-2.5875
ML-5	8/19/1996	9:40	1.6	0.8	84.93	23.46	-2.5731
ML-5	8/19/1996	9:40	1.6	0.8	87.07	25.50	-2.4561
ML-5 Rep	8/19/1996	9:50	1.6	0.8	105.00	28.82	-2.5858
ML-5 Rep	8/19/1996	9:50	1.6	0.8	102.40	28.27	-2.5742
ML-5 Rep	8/19/1996	9:50	1.6	0.8	101.80	27.87	-2.5909
MU-1	8/19/1996	12:30	2.2	1.0	131.10	39.04	-2.4227
MU-1	8/19/1996	12:30	2.2	1.0	134.20	40.43	-2.3995
MU-1	8/19/1996	12:30	2.2	1.0	135.10	42.60	-2.3083
MU-2	8/19/1996	12:10	2.7	1.0	108.30	26.67	-2.8027
MU-2	8/19/1996	12:10	2.7	1.0	113.21	28.56	-2.7545
MU-2	8/19/1996	12:10	2.7	1.0	110.00	28.07	-2.7316
MU-3	8/19/1996	11:50	1.4	0.7	52.83	12.88	-2.8228
MU-3	8/19/1996	11:50	1.4	0.7	50.07	12.37	-2.7963
MU-3	8/19/1996	11:50	1.4	0.7	48.32	12.30	-2.7365
MU-4	8/19/1996	11:30	1.8	0.9	70.77	17.22	-2.8267
MU-4	8/19/1996	11:30	1.8	0.9	68.96	17.78	-2.7109
MU-4	8/19/1996	11:30	1.8	0.9	65.49	17.10	-2.6856
MU-5	8/19/1996	11:15	2.7	1.0	72.68	15.81	-3.0508
MU-5	8/19/1996	11:15	2.7	1.0	70.08	15.49	-3.0189
MU-5	8/19/1996	11:15	2.7	1.0	67.70	15.76	-2.9152
10-1	9/23/1996	10:25	3.5	1.0	916.10	641.00	-0.7142
10-1	9/23/1996	10:25	3.5	1.0	944.90	662.10	-0.7113
10-1	9/23/1996	10:25	3.5	1.0	933.40	640.40	-0.7535
10-2	9/23/1996	11:00	2.2	1.0	971.80	636.90	-0.8451
10-2	9/23/1996	11:00	2.2	1.0	989.10	640.40	-0.8694
10-2	9/23/1996	11:00	2.2	1.0	986.60	644.00	-0.8531
10-3	9/23/1996	10:40	2.7	1.0	1028.00	698.40	-0.7732
10-3	9/23/1996	10:40	2.7	1.0	1010.00	688.10	-0.7675
10-3	9/23/1996	10:40	2.7	1.0	1027.00	699.40	-0.7683
10-4	9/23/1996	11:15	5.2	1.0	1129.00	811.90	-0.6594
10-4	9/23/1996	11:15	5.2	1.0	1121.00	800.20	-0.6742
10-4	9/23/1996	11:15	5.2	1.0	1151.00	830.60	-0.6525
10-4 Rep	9/23/1996	11:20	5.2	1.0	1162.00	836.90	-0.6564
10-4 Rep	9/23/1996	11:20	5.2	1.0	1201.00	862.00	-0.6633
10-4 Rep	9/23/1996	11:20	5.2	1.0	1152.00	829.50	-0.6569
10-5	9/23/1996	11:45	3.2	1.0	1091.00	773.60	-0.6876
10-5	9/23/1996	11:45	3.2	1.0	1110.00	788.10	-0.6850
10-5	9/23/1996	11:45	3.2	1.0	1112.00	788.20	-0.6883
11-1	9/23/1996	10:10	2.9	1.0	465.30	250.20	-1.2408

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
11-1	9/23/1996	10:10	2.9	1.0	462.40	249.80	-1.2315
11-1	9/23/1996	10:10	2.9	1.0	485.90	253.70	-1.2997
11-2	9/23/1996	9:55	3.4	1.0	559.60	344.50	-0.9703
11-2	9/23/1996	9:55	3.4	1.0	563.10	348.30	-0.9608
11-2	9/23/1996	9:55	3.4	1.0	596.30	369.10	-0.9594
11-3	9/23/1996	9:40	2.7	1.0	398.00	254.50	-0.8943
11-3	9/23/1996	9:40	2.7	1.0	398.20	255.70	-0.8859
11-3	9/23/1996	9:40	2.7	1.0	403.60	259.60	-0.8826
11-4	9/23/1996	12:00	4.2	1.0	981.40	613.20	-0.9406
11-4	9/23/1996	12:00	4.2	1.0	988.00	619.70	-0.9329
11-4	9/23/1996	12:00	4.2	1.0	994.10	624.00	-0.9314
11-5	9/23/1996	11:35	2.9	1.0	987.20	659.00	-0.8083
11-5	9/23/1996	11:35	2.9	1.0	964.60	645.60	-0.8031
11-5	9/23/1996	11:35	2.9	1.0	961.30	640.80	-0.8111
13-1	9/26/1996	13:05	2.2	1.0	661.50	429.10	-0.8656
13-1	9/26/1996	13:05	2.2	1.0	658.20	424.50	-0.8772
13-1	9/26/1996	13:05	2.2	1.0	695.70	451.20	-0.8660
13-2	9/26/1996	12:50	2.2	1.0	326.80	179.40	-1.1995
13-2	9/26/1996	12:50	2.2	1.0	328.70	184.20	-1.1582
13-2	9/26/1996	12:50	2.2	1.0	321.40	181.20	-1.1462
13-3	9/26/1996	12:35	1.8	0.9	175.80	86.33	-1.4223
13-3	9/26/1996	12:35	1.8	0.9	182.20	89.88	-1.4133
13-3	9/26/1996	12:35	1.8	0.9	175.60	84.76	-1.4568
13-4	9/26/1996	12:10	4.6	1.0	635.80	398.50	-0.9344
13-4	9/26/1996	12:10	4.6	1.0	640.80	398.70	-0.9490
13-4	9/26/1996	12:10	4.6	1.0	621.90	388.20	-0.9425
13-5	9/26/1996	11:25	2.2	1.0	669.60	401.10	-1.0249
13-5	9/26/1996	11:25	2.2	1.0	698.60	419.60	-1.0196
13-5	9/26/1996	11:25	2.2	1.0	746.60	443.20	-1.0430
14-1	9/26/1996	11:15	2.4	1.0	756.40	408.20	-1.2336
14-1	9/26/1996	11:15	2.4	1.0	718.70	387.50	-1.2355
14-1	9/26/1996	11:15	2.4	1.0	703.70	375.20	-1.2578
14-2	9/26/1996	11:00	1.9	0.9	534.60	336.40	-0.9264
14-2	9/26/1996	11:00	1.9	0.9	540.80	338.40	-0.9376
14-2	9/26/1996	11:00	1.9	0.9	566.10	356.00	-0.9277
14-3	9/26/1996	10:50	2.0	1.0	670.20	383.60	-1.1160
14-3	9/26/1996	10:50	2.0	1.0	656.40	367.00	-1.1628
14-3	9/26/1996	10:50	2.0	1.0	678.90	387.20	-1.1231
14-4	9/26/1996	10:35	2.8	1.0	585.90	330.40	-1.1457
14-4	9/26/1996	10:35	2.8	1.0	555.10	308.10	-1.1774
14-4	9/26/1996	10:35	2.8	1.0	569.70	319.20	-1.1586
14-5	9/26/1996	10:10	1.7	0.8	630.10	365.80	-1.0876
14-5	9/26/1996	10:10	1.7	0.8	610.10	360.10	-1.0545
14-5	9/26/1996	10:10	1.7	0.8	628.80	369.70	-1.0622
14-5 Rep	9/26/1996	10:20	1.7	0.8	616.20	364.30	-1.0512
14-5 Rep	9/26/1996	10:20	1.7	0.8	612.60	362.40	-1.0499
14-5 Rep	9/26/1996	10:20	1.7	0.8	636.30	375.30	-1.0559
16-1	9/24/1996	13:20	4.5	1.0	1076.00	780.00	-0.6434
16-1	9/24/1996	13:20	4.5	1.0	1069.00	765.80	-0.6671

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
16-1	9/24/1996	13:20	4.5	1.0	994.20	725.90	-0.6291
16-2	9/24/1996	13:00	2.2	1.0	457.40	317.80	-0.7283
16-2	9/24/1996	13:00	2.2	1.0	446.00	305.60	-0.7561
16-2	9/24/1996	13:00	2.2	1.0	400.30	279.40	-0.7191
16-3	9/24/1996	12:50	1.5	0.7	1081.00	815.00	-0.5649
16-3	9/24/1996	12:50	1.5	0.7	1124.00	845.40	-0.5697
16-3	9/24/1996	12:50	1.5	0.7	1093.00	820.20	-0.5743
16-4	9/24/1996	12:35	2.4	1.0	1132.00	814.20	-0.6591
16-4	9/24/1996	12:35	2.4	1.0	1156.00	833.30	-0.6547
16-4	9/24/1996	12:35	2.4	1.0	1195.00	856.30	-0.6666
16-5	9/24/1996	12:20	2.0	1.0	1292.00	930.00	-0.6575
16-5	9/24/1996	12:20	2.0	1.0	1420.00	1020.00	-0.6617
16-5	9/24/1996	12:20	2.0	1.0	1516.00	1085.00	-0.6690
LB-1	9/24/1996	11:30	2.0	1.0	539.70	350.20	-0.8650
LB-1	9/24/1996	11:30	2.0	1.0	513.00	341.10	-0.8162
LB-1	9/24/1996	11:30	2.0	1.0	511.50	340.40	-0.8145
LB-2	9/24/1996	11:10	1.2	0.6	991.00	387.70	-1.8770
LB-2	9/24/1996	11:10	1.2	0.6	992.60	387.10	-1.8833
LB-2	9/24/1996	11:10	1.2	0.6	975.40	381.90	-1.8754
LB-3	9/24/1996	10:50	3.1	1.0	415.80	240.60	-1.0941
LB-3	9/24/1996	10:50	3.1	1.0	411.00	242.80	-1.0527
LB-3	9/24/1996	10:50	3.1	1.0	408.40	242.10	-1.0458
LB-4	9/24/1996	10:35	1.9	0.9	627.80	349.00	-1.1743
LB-4	9/24/1996	10:35	1.9	0.9	638.10	365.60	-1.1139
LB-4	9/24/1996	10:35	1.9	0.9	659.70	378.00	-1.1138
LB-5	9/24/1996	10:10	2.1	1.0	490.40	280.10	-1.1201
LB-5	9/24/1996	10:10	2.1	1.0	494.40	278.50	-1.1479
LB-5	9/24/1996	10:10	2.1	1.0	513.10	299.80	-1.0747
LB-5 Rep	9/24/1996	10:15	2.1	1.0	498.50	284.40	-1.1224
LB-5 Rep	9/24/1996	10:15	2.1	1.0	499.60	286.80	-1.1100
LB-5 Rep	9/24/1996	10:15	2.1	1.0	497.60	282.30	-1.1337
ML-1	9/25/1996	10:30	2.9	1.0	107.70	40.11	-1.9754
ML-1	9/25/1996	10:30	2.9	1.0	102.80	38.32	-1.9736
ML-1	9/25/1996	10:30	2.9	1.0	105.40	39.29	-1.9736
ML-2	9/25/1996	10:20	1.6	0.8	120.20	40.04	-2.1986
ML-2	9/25/1996	10:20	1.6	0.8	112.40	38.16	-2.1606
ML-2	9/25/1996	10:20	1.6	0.8	97.47	34.44	-2.0807
ML-3	9/25/1996	10:10	0.9	0.4	521.10	144.40	-2.5667
ML-3	9/25/1996	10:10	0.9	0.4	513.30	145.60	-2.5200
ML-3	9/25/1996	10:10	0.9	0.4	549.60	152.90	-2.5588
ML-4	9/25/1996	10:00	1.5	0.7	218.00	66.44	-2.3764
ML-4	9/25/1996	10:00	1.5	0.7	199.50	61.28	-2.3607
ML-4	9/25/1996	10:00	1.5	0.7	181.80	52.40	-2.4880
ML-5	9/25/1996	9:35	2.7	1.0	207.60	90.98	-1.6499
ML-5	9/25/1996	9:35	2.7	1.0	232.40	100.90	-1.6687
ML-5	9/25/1996	9:35	2.7	1.0	244.40	106.10	-1.6688
ML-5 Rep	9/25/1996	9:40	2.7	1.0	264.10	114.40	-1.6733
ML-5 Rep	9/25/1996	9:40	2.7	1.0	249.25	108.40	-1.6653
ML-5 Rep	9/25/1996	9:40	2.7	1.0	234.60	102.60	-1.6541

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
MU-1	9/25/1996	11:40	1.3	0.6	272.10	100.20	-1.9980
MU-1	9/25/1996	11:40	1.3	0.6	249.20	90.78	-2.0196
MU-1	9/25/1996	11:40	1.3	0.6	256.70	89.91	-2.0982
MU-2	9/25/1996	11:15	2.4	1.0	118.80	38.05	-2.2771
MU-2	9/25/1996	11:15	2.4	1.0	113.20	36.26	-2.2769
MU-2	9/25/1996	11:15	2.4	1.0	119.80	38.76	-2.2569
MU-3	9/25/1996	11:05	3.5	1.0	95.39	35.35	-1.9854
MU-3	9/25/1996	11:05	3.5	1.0	92.90	34.57	-1.9771
MU-3	9/25/1996	11:05	3.5	1.0	92.59	33.02	-2.0621
MU-4	9/25/1996	10:50	1.9	0.9	109.20	37.21	-2.1532
MU-4	9/25/1996	10:50	1.9	0.9	102.10	34.45	-2.1729
MU-4	9/25/1996	10:50	1.9	0.9	107.30	36.78	-2.1413
MU-5	9/25/1996	10:40	2.3	1.0	135.60	40.16	-2.4337
MU-5	9/25/1996	10:40	2.3	1.0	130.00	38.00	-2.4599
MU-5	9/25/1996	10:40	2.3	1.0	135.00	39.72	-2.4468
10-1	10/21/1996	11:35	3.6	1.0	760.20	513.00	-0.7866
10-1	10/21/1996	11:35	3.6	1.0	800.20	541.20	-0.7821
10-1	10/21/1996	11:35	3.6	1.0	756.30	511.00	-0.7841
10-2	10/21/1996	11:00	3.0	1.0	745.20	490.00	-0.8385
10-2	10/21/1996	11:00	3.0	1.0	728.20	486.40	-0.8071
10-2	10/21/1996	11:00	3.0	1.0	699.20	462.20	-0.8279
10-3	10/21/1996	11:20	2.3	1.0	921.20	598.20	-0.8635
10-3	10/21/1996	11:20	2.3	1.0	965.50	628.60	-0.8583
10-3	10/21/1996	11:20	2.3	1.0	953.00	630.60	-0.8259
10-4	10/21/1996	10:40	4.0	1.0	761.70	489.00	-0.8864
10-4	10/21/1996	10:40	4.0	1.0	754.40	487.20	-0.8745
10-4	10/21/1996	10:40	4.0	1.0	744.40	478.60	-0.8834
10-5	10/21/1996	10:20	1.8	0.9	629.70	373.40	-1.0452
10-5	10/21/1996	10:20	1.8	0.9	644.90	389.10	-1.0105
10-5	10/21/1996	10:20	1.8	0.9	646.80	392.20	-1.0005
11-1	10/21/1996	11:50	3.2	1.0	760.30	509.90	-0.7990
11-1	10/21/1996	11:50	3.2	1.0	756.30	508.00	-0.7959
11-1	10/21/1996	11:50	3.2	1.0	762.50	509.60	-0.8060
11-2	10/21/1996	12:05	3.4	1.0	766.60	522.10	-0.7682
11-2	10/21/1996	12:05	3.4	1.0	765.90	519.70	-0.7756
11-2	10/21/1996	12:05	3.4	1.0	760.30	519.20	-0.7628
11-3	10/21/1996	12:20	2.5	1.0	989.70	648.60	-0.8452
11-3	10/21/1996	12:20	2.5	1.0	974.00	639.40	-0.8418
11-3	10/21/1996	12:20	2.5	1.0	991.50	654.30	-0.8313
11-4	10/21/1996	9:40	2.0	1.0	424.80	257.40	-1.0020
11-4	10/21/1996	9:40	2.0	1.0	455.80	272.60	-1.0281
11-4	10/21/1996	9:40	2.0	1.0	451.00	272.00	-1.0113
11-4 Rep	10/21/1996	9:45	2.0	1.0	446.60	267.30	-1.0266
11-4 Rep	10/21/1996	9:45	2.0	1.0	460.60	268.60	-1.0786
11-4 Rep	10/21/1996	9:45	2.0	1.0	457.70	265.90	-1.0862
11-5	10/21/1996	10:05	3.4	1.0	573.30	343.50	-1.0244
11-5	10/21/1996	10:05	3.4	1.0	562.60	327.70	-1.0809
11-5	10/21/1996	10:05	3.4	1.0	568.30	332.30	-1.0732

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
13-1	10/24/1996	13:20	2.3	1.0	933.00	602.50	-0.8746
13-1	10/24/1996	13:20	2.3	1.0	955.00	617.00	-0.8737
13-1	10/24/1996	13:20	2.3	1.0	966.50	625.60	-0.8699
13-2	10/24/1996	12:55	2.2	1.0	995.50	618.10	-0.9532
13-2	10/24/1996	12:55	2.2	1.0	1038.00	643.60	-0.9559
13-2	10/24/1996	12:55	2.2	1.0	1030.00	629.30	-0.9854
13-3	10/24/1996	12:35	3.7	1.0	883.70	515.70	-1.0772
13-3	10/24/1996	12:35	3.7	1.0	819.90	492.20	-1.0206
13-3	10/24/1996	12:35	3.7	1.0	829.90	499.10	-1.0170
13-4	10/24/1996	12:10	1.5	0.7	825.20	528.10	-0.8927
13-4	10/24/1996	12:10	1.5	0.7	841.90	537.50	-0.8975
13-4	10/24/1996	12:10	1.5	0.7	826.20	528.60	-0.8932
13-5	10/24/1996	11:40	2.5	1.0	743.50	429.20	-1.0989
13-5	10/24/1996	11:40	2.5	1.0	741.90	430.90	-1.0867
13-5	10/24/1996	11:40	2.5	1.0	744.00	433.10	-1.0821
14-1	10/24/1996	11:25	2.3	1.0	736.30	437.20	-1.0425
14-1	10/24/1996	11:25	2.3	1.0	731.60	437.90	-1.0265
14-1	10/24/1996	11:25	2.3	1.0	756.00	443.40	-1.0671
14-2	10/24/1996	11:10	2.1	1.0	779.20	461.80	-1.0463
14-2	10/24/1996	11:10	2.1	1.0	785.80	476.10	-1.0021
14-2	10/24/1996	11:10	2.1	1.0	780.40	462.40	-1.0468
14-3	10/24/1996	10:50	0.8	0.4	1102.00	537.10	-1.4374
14-3	10/24/1996	10:50	0.8	0.4	1136.00	560.60	-1.4125
14-3	10/24/1996	10:50	0.8	0.4	1163.00	577.40	-1.4004
14-4	10/24/1996	10:30	1.9	0.9	597.10	335.70	-1.1517
14-4	10/24/1996	10:30	1.9	0.9	585.60	332.20	-1.1338
14-4	10/24/1996	10:30	1.9	0.9	599.10	341.30	-1.1253
14-5	10/24/1996	10:10	1.7	0.8	500.80	310.70	-0.9548
14-5	10/24/1996	10:10	1.7	0.8	480.00	298.50	-0.9500
14-5	10/24/1996	10:10	1.7	0.8	474.20	294.10	-0.9554
14-5 Rep	10/24/1996	10:15	1.7	0.8	495.00	306.30	-0.9600
14-5 Rep	10/24/1996	10:15	1.7	0.8	497.50	309.00	-0.9525
14-5 Rep	10/24/1996	10:15	1.7	0.8	506.30	316.00	-0.9428
16-1	10/23/1996	12:25	1.8	0.9	679.70	386.70	-1.1280
16-1	10/23/1996	12:25	1.8	0.9	707.70	403.10	-1.1257
16-1	10/23/1996	12:25	1.8	0.9	711.20	409.70	-1.1031
16-2	10/23/1996	12:10	2.4	1.0	798.40	428.80	-1.2432
16-2	10/23/1996	12:10	2.4	1.0	775.50	425.50	-1.2005
16-2	10/23/1996	12:10	2.4	1.0	783.90	429.80	-1.2019
16-3	10/23/1996	12:00	2.1	1.0	705.90	445.00	-0.9228
16-3	10/23/1996	12:00	2.1	1.0	706.20	446.90	-0.9151
16-3	10/23/1996	12:00	2.1	1.0	725.90	457.30	-0.9241
16-4	10/23/1996	11:50	1.9	0.9	957.40	617.60	-0.8768
16-4	10/23/1996	11:50	1.9	0.9	955.40	616.00	-0.8778
16-4	10/23/1996	11:50	1.9	0.9	952.50	615.80	-0.8723
16-5	10/23/1996	11:40	3.9	1.0	826.00	544.60	-0.8331
16-5	10/23/1996	11:40	3.9	1.0	829.40	540.00	-0.8583
16-5	10/23/1996	11:40	3.9	1.0	829.50	540.90	-0.8552
LB-1	10/23/1996	11:00	3.3	1.0	495.70	240.90	-1.4432

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
LB-1	10/23/1996	11:00	3.3	1.0	496.50	240.70	-1.4481
LB-1	10/23/1996	11:00	3.3	1.0	514.20	252.90	-1.4192
LB-2	10/23/1996	10:40	1.5	0.7	425.00	184.20	-1.6721
LB-2	10/23/1996	10:40	1.5	0.7	400.30	171.80	-1.6918
LB-2	10/23/1996	10:40	1.5	0.7	418.30	179.90	-1.6876
LB-3	10/23/1996	10:30	1.4	0.7	466.20	222.10	-1.4830
LB-3	10/23/1996	10:30	1.4	0.7	469.10	227.60	-1.4465
LB-3	10/23/1996	10:30	1.4	0.7	465.30	230.70	-1.4031
LB-4	10/23/1996	10:15	1.5	0.7	356.10	170.50	-1.4730
LB-4	10/23/1996	10:15	1.5	0.7	361.10	175.90	-1.4385
LB-4	10/23/1996	10:15	1.5	0.7	363.30	176.00	-1.4495
LB-5	10/23/1996	9:55	2.3	1.0	471.80	278.00	-1.0579
LB-5	10/23/1996	9:55	2.3	1.0	461.70	273.80	-1.0450
LB-5	10/23/1996	9:55	2.3	1.0	465.70	271.50	-1.0792
LB-5 Rep	10/23/1996	10:00	2.3	1.0	462.20	272.60	-1.0560
LB-5 Rep	10/23/1996	10:00	2.3	1.0	474.60	280.80	-1.0497
LB-5 Rep	10/23/1996	10:00	2.3	1.0	475.00	282.30	-1.0407
ML-1	10/22/1996	11:35	2.1	1.0	79.14	18.30	-2.9286
ML-1	10/22/1996	11:35	2.1	1.0	84.46	17.95	-3.0974
ML-1	10/22/1996	11:35	2.1	1.0	75.53	17.16	-2.9639
ML-2	10/22/1996	11:20	1.8	0.9	97.09	29.16	-2.4057
ML-2	10/22/1996	11:20	1.8	0.9	75.88	23.00	-2.3873
ML-2	10/22/1996	11:20	1.8	0.9	76.01	23.65	-2.3350
ML-3	10/22/1996	11:10	1.4	0.7	105.30	25.58	-2.8300
ML-3	10/22/1996	11:10	1.4	0.7	108.40	26.40	-2.8249
ML-3	10/22/1996	11:10	1.4	0.7	108.70	26.45	-2.8267
ML-4	10/22/1996	11:00	2.6	1.0	61.08	16.59	-2.6068
ML-4	10/22/1996	11:00	2.6	1.0	58.16	15.08	-2.6997
ML-4	10/22/1996	11:00	2.6	1.0	56.83	14.82	-2.6882
ML-5	10/22/1996	10:35	1.6	0.8	118.70	42.84	-2.0383
ML-5	10/22/1996	10:35	1.6	0.8	115.80	41.10	-2.0717
ML-5	10/22/1996	10:35	1.6	0.8	111.60	39.79	-2.0626
ML-5 Rep	10/22/1996	10:40	1.6	0.8	117.22	42.70	-2.0197
ML-5 Rep	10/22/1996	10:40	1.6	0.8	118.40	42.56	-2.0463
ML-5 Rep	10/22/1996	10:40	1.6	0.8	121.60	43.87	-2.0390
MU-1	10/22/1996	13:10	3.5	1.0	95.74	27.06	-2.5272
MU-1	10/22/1996	13:10	3.5	1.0	96.64	27.73	-2.4970
MU-1	10/22/1996	13:10	3.5	1.0	96.77	27.87	-2.4896
MU-2	10/22/1996	12:55	1.7	0.8	76.82	24.24	-2.3069
MU-2	10/22/1996	12:55	1.7	0.8	73.14	23.84	-2.2420
MU-2	10/22/1996	12:55	1.7	0.8	72.52	22.51	-2.3398
MU-3	10/22/1996	12:40	1.6	0.8	80.59	31.97	-1.8492
MU-3	10/22/1996	12:40	1.6	0.8	76.54	30.23	-1.8580
MU-3	10/22/1996	12:40	1.6	0.8	73.11	28.84	-1.8604
MU-4	10/22/1996	12:20	1.9	0.9	112.10	32.67	-2.4659
MU-4	10/22/1996	12:20	1.9	0.9	100.10	29.03	-2.4757
MU-4	10/22/1996	12:20	1.9	0.9	104.30	31.12	-2.4188
MU-5	10/22/1996	11:55	1.9	0.9	69.22	21.23	-2.3637
MU-5	10/22/1996	11:55	1.9	0.9	74.04	24.12	-2.2431

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
MU-5	10/22/1996	11:55	1.9	0.9	74.56	24.62	-2.2161
10-1	11/18/1996	10:50	3.8	1.0	687.30	512.40	-0.5873
10-1	11/18/1996	10:50	3.8	1.0	680.50	508.60	-0.5823
10-1	11/18/1996	10:50	3.8	1.0	688.70	513.70	-0.5863
10-2	11/18/1996	11:00	3.6	1.0	844.50	587.00	-0.7274
10-2	11/18/1996	11:00	3.6	1.0	863.20	602.70	-0.7185
10-2	11/18/1996	11:00	3.6	1.0	879.40	612.70	-0.7227
10-3	11/18/1996	11:15	2.2	1.0	465.60	356.20	-0.5357
10-3	11/18/1996	11:15	2.2	1.0	467.80	357.50	-0.5378
10-3	11/18/1996	11:15	2.2	1.0	460.80	352.40	-0.5364
10-4	11/18/1996	11:30	3.9	1.0	1274.00	802.90	-0.9234
10-4	11/18/1996	11:30	3.9	1.0	1273.00	798.00	-0.9340
10-4	11/18/1996	11:30	3.9	1.0	1283.00	809.80	-0.9203
10-5	11/18/1996	11:45	4.3	1.0	1048.00	764.60	-0.6306
10-5	11/18/1996	11:45	4.3	1.0	1038.00	748.80	-0.6532
10-5	11/18/1996	11:45	4.3	1.0	1017.00	737.10	-0.6438
11-1	11/18/1996	10:40	3.5	1.0	428.70	305.30	-0.6789
11-1	11/18/1996	10:40	3.5	1.0	437.20	311.20	-0.6799
11-1	11/18/1996	10:40	3.5	1.0	437.50	310.70	-0.6845
11-2	11/18/1996	10:25	2.8	1.0	422.50	273.80	-0.8676
11-2	11/18/1996	10:25	2.8	1.0	420.40	273.50	-0.8598
11-2	11/18/1996	10:25	2.8	1.0	417.80	270.60	-0.8687
11-3	11/18/1996	10:00	4.8	1.0	322.80	223.40	-0.7361
11-3	11/18/1996	10:00	4.8	1.0	320.60	221.60	-0.7386
11-3	11/18/1996	10:00	4.8	1.0	325.40	226.60	-0.7237
11-3 Rep	11/18/1996	10:10	4.8	1.0	324.50	223.60	-0.7449
11-3 Rep	11/18/1996	10:10	4.8	1.0	322.40	222.50	-0.7417
11-3 Rep	11/18/1996	10:10	4.8	1.0	327.30	226.10	-0.7398
11-4	11/18/1996	12:10	3.3	1.0	625.50	398.20	-0.9032
11-4	11/18/1996	12:10	3.3	1.0	636.00	402.50	-0.9150
11-4	11/18/1996	12:10	3.3	1.0	628.00	401.90	-0.8927
11-5	11/18/1996	11:55	2.3	1.0	952.80	655.70	-0.7474
11-5	11/18/1996	11:55	2.3	1.0	968.80	667.40	-0.7453
11-5	11/18/1996	11:55	2.3	1.0	982.20	678.80	-0.7389
13-1	11/19/1996	12:05	1.8	0.9	980.60	674.90	-0.7472
13-1	11/19/1996	12:05	1.8	0.9	986.60	684.00	-0.7326
13-1	11/19/1996	12:05	1.8	0.9	979.80	670.40	-0.7589
13-2	11/19/1996	11:50	2.1	1.0	818.20	559.00	-0.7619
13-2	11/19/1996	11:50	2.1	1.0	814.70	557.60	-0.7584
13-2	11/19/1996	11:50	2.1	1.0	819.70	560.70	-0.7595
13-3	11/19/1996	11:35	0.8	0.4	1215.00	773.90	-0.9021
13-3	11/19/1996	11:35	0.8	0.4	1236.00	783.70	-0.9112
13-3	11/19/1996	11:35	0.8	0.4	1276.00	807.10	-0.9161
13-4	11/19/1996	11:20	1.0	0.5	953.80	678.90	-0.6800
13-4	11/19/1996	11:20	1.0	0.5	955.80	679.50	-0.6824
13-4	11/19/1996	11:20	1.0	0.5	945.30	667.30	-0.6965
13-5	11/19/1996	11:05	1.1	0.5	977.50	722.60	-0.6043
13-5	11/19/1996	11:05	1.1	0.5	967.80	719.70	-0.5924

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
13-5	11/19/1996	11:05	1.1	0.5	986.60	733.60	-0.5926
14-1	11/19/1996	10:55	2.2	1.0	706.30	481.60	-0.7659
14-1	11/19/1996	10:55	2.2	1.0	708.70	482.10	-0.7706
14-1	11/19/1996	10:55	2.2	1.0	717.80	490.40	-0.7619
14-2	11/19/1996	10:45	1.3	0.6	804.50	554.90	-0.7429
14-2	11/19/1996	10:45	1.3	0.6	806.20	556.60	-0.7410
14-2	11/19/1996	10:45	1.3	0.6	811.20	558.40	-0.7469
14-3	11/19/1996	10:35	1.6	0.8	639.40	407.30	-0.9020
14-3	11/19/1996	10:35	1.6	0.8	655.70	417.80	-0.9014
14-3	11/19/1996	10:35	1.6	0.8	638.20	407.80	-0.8957
14-4	11/19/1996	10:20	2.1	1.0	603.90	369.60	-0.9820
14-4	11/19/1996	10:20	2.1	1.0	601.40	368.20	-0.9813
14-4	11/19/1996	10:20	2.1	1.0	600.80	366.30	-0.9896
14-5	11/19/1996	10:00	1.6	0.8	740.40	482.30	-0.8572
14-5	11/19/1996	10:00	1.6	0.8	730.40	476.80	-0.8530
14-5	11/19/1996	10:00	1.6	0.8	745.90	489.00	-0.8445
14-5 Rep	11/19/1996	10:05	1.6	0.8	704.70	461.80	-0.8453
14-5 Rep	11/19/1996	10:05	1.6	0.8	701.90	459.70	-0.8464
14-5 Rep	11/19/1996	10:05	1.6	0.8	699.60	457.20	-0.8508
16-1	11/20/1996	12:15	2.1	1.0	1051.40	726.80	-0.7385
16-1	11/20/1996	12:15	2.1	1.0	1094.00	757.90	-0.7341
16-1	11/20/1996	12:15	2.1	1.0	1064.00	740.60	-0.7247
16-2	11/20/1996	12:00	1.6	0.8	964.10	644.40	-0.8058
16-2	11/20/1996	12:00	1.6	0.8	938.20	630.50	-0.7949
16-2	11/20/1996	12:00	1.6	0.8	966.90	649.70	-0.7952
16-3	11/20/1996	11:50	2.0	1.0	1035.00	702.20	-0.7759
16-3	11/20/1996	11:50	2.0	1.0	1041.00	709.80	-0.7659
16-3	11/20/1996	11:50	2.0	1.0	1014.00	691.40	-0.7659
16-4	11/20/1996	11:40	1.9	0.9	951.50	686.40	-0.6532
16-4	11/20/1996	11:40	1.9	0.9	933.00	674.80	-0.6480
16-4	11/20/1996	11:40	1.9	0.9	960.30	696.70	-0.6418
16-5	11/20/1996	11:30	2.0	1.0	781.80	526.10	-0.7922
16-5	11/20/1996	11:30	2.0	1.0	813.80	549.50	-0.7854
16-5	11/20/1996	11:30	2.0	1.0	798.50	537.50	-0.7916
LB-1	11/20/1996	10:50	2.2	1.0	658.20	435.10	-0.8279
LB-1	11/20/1996	10:50	2.2	1.0	662.00	441.00	-0.8124
LB-1	11/20/1996	10:50	2.2	1.0	690.20	457.80	-0.8211
LB-2	11/20/1996	10:40	1.1	0.5	907.50	428.60	-1.5003
LB-2	11/20/1996	10:40	1.1	0.5	897.80	421.00	-1.5146
LB-2	11/20/1996	10:40	1.1	0.5	872.20	409.30	-1.5131
LB-3	11/20/1996	10:25	1.6	0.8	607.00	398.60	-0.8411
LB-3	11/20/1996	10:25	1.6	0.8	611.20	402.00	-0.8379
LB-3	11/20/1996	10:25	1.6	0.8	598.70	395.30	-0.8302
LB-4	11/20/1996	10:15	2.3	1.0	701.20	386.10	-1.1934
LB-4	11/20/1996	10:15	2.3	1.0	669.00	370.20	-1.1835
LB-4	11/20/1996	10:15	2.3	1.0	657.40	368.90	-1.1555
LB-5	11/20/1996	10:00	1.0	0.5	914.90	639.70	-0.7156
LB-5	11/20/1996	10:00	1.0	0.5	901.40	633.30	-0.7060
LB-5	11/20/1996	10:00	1.0	0.5	925.10	647.40	-0.7139

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
LB-5 Rep	11/20/1996	10:05	1.0	0.5	918.50	646.70	-0.7017
LB-5 Rep	11/20/1996	10:05	1.0	0.5	945.10	661.60	-0.7133
LB-5 Rep	11/20/1996	10:05	1.0	0.5	940.50	657.80	-0.7150
ML-1	11/21/1996	10:50	2.4	1.0	140.80	59.98	-1.7067
ML-1	11/21/1996	10:50	2.4	1.0	141.30	60.99	-1.6804
ML-1	11/21/1996	10:50	2.4	1.0	153.60	65.78	-1.6961
ML-2	11/21/1996	10:40	1.1	0.5	359.10	121.50	-2.1674
ML-2	11/21/1996	10:40	1.1	0.5	377.70	128.40	-2.1579
ML-2	11/21/1996	10:40	1.1	0.5	386.50	133.50	-2.1261
ML-3	11/21/1996	10:30	1.1	0.5	430.70	147.40	-2.1445
ML-3	11/21/1996	10:30	1.1	0.5	430.60	146.50	-2.1563
ML-3	11/21/1996	10:30	1.1	0.5	438.10	154.00	-2.0910
ML-4	11/21/1996	10:15	1.3	0.6	236.00	97.42	-1.7696
ML-4	11/21/1996	10:15	1.3	0.6	232.70	95.55	-1.7802
ML-4	11/21/1996	10:15	1.3	0.6	239.20	100.10	-1.7423
ML-5	11/21/1996	10:00	1.4	0.7	215.40	92.95	-1.6809
ML-5	11/21/1996	10:00	1.4	0.7	212.60	91.79	-1.6798
ML-5	11/21/1996	10:00	1.4	0.7	218.00	94.02	-1.6820
ML-5 Rep	11/21/1996	10:05	1.4	0.7	206.20	88.82	-1.6845
ML-5 Rep	11/21/1996	10:05	1.4	0.7	207.50	89.95	-1.6718
ML-5 Rep	11/21/1996	10:05	1.4	0.7	205.80	88.00	-1.6991
MU-1	11/21/1996	12:15	1.8	0.9	138.90	45.99	-2.2107
MU-1	11/21/1996	12:15	1.8	0.9	124.90	41.46	-2.2056
MU-1	11/21/1996	12:15	1.8	0.9	124.80	41.11	-2.2209
MU-2	11/21/1996	11:45	2.5	1.0	118.30	44.02	-1.9772
MU-2	11/21/1996	11:45	2.5	1.0	110.50	40.87	-1.9892
MU-2	11/21/1996	11:45	2.5	1.0	107.40	39.83	-1.9839
MU-3	11/21/1996	11:35	3.7	1.0	122.30	38.86	-2.2930
MU-3	11/21/1996	11:35	3.7	1.0	122.90	39.39	-2.2757
MU-3	11/21/1996	11:35	3.7	1.0	120.50	38.45	-2.2846
MU-4	11/21/1996	11:20	1.1	0.5	535.10	105.00	-3.2570
MU-4	11/21/1996	11:20	1.1	0.5	517.30	100.40	-3.2789
MU-4	11/21/1996	11:20	1.1	0.5	497.60	93.38	-3.3462
MU-5	11/21/1996	11:05	3.1	1.0	151.60	59.90	-1.8571
MU-5	11/21/1996	11:05	3.1	1.0	129.50	51.10	-1.8598
MU-5	11/21/1996	11:05	3.1	1.0	122.50	48.09	-1.8701
10-1	12/9/1996	10:40	3.0	1.0	883.10	584.00	-0.8271
10-1	12/9/1996	10:40	3.0	1.0	878.10	577.30	-0.8388
10-1	12/9/1996	10:40	3.0	1.0	857.50	567.40	-0.8259
10-2	12/9/1996	11:10	2.9	1.0	483.40	231.10	-1.4760
10-2	12/9/1996	11:10	2.9	1.0	488.90	234.60	-1.4686
10-2	12/9/1996	11:10	2.9	1.0	465.60	223.10	-1.4714
10-3	12/9/1996	10:50	5.4	1.0	407.20	203.60	-1.3863
10-3	12/9/1996	10:50	5.4	1.0	409.10	206.40	-1.3683
10-3	12/9/1996	10:50	5.4	1.0	397.40	198.10	-1.3923
10-4	12/9/1996	11:30	3.8	1.0	676.90	409.30	-1.0062
10-4	12/9/1996	11:30	3.8	1.0	685.90	416.40	-0.9982
10-4	12/9/1996	11:30	3.8	1.0	687.90	416.90	-1.0016

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
10-5	12/9/1996	11:55	2.2	1.0	527.40	220.00	-1.7487
10-5	12/9/1996	11:55	2.2	1.0	526.40	218.60	-1.7576
10-5	12/9/1996	11:55	2.2	1.0	523.20	217.20	-1.7583
10-5 Rep	12/9/1996	12:00	2.2	1.0	536.20	222.60	-1.7583
10-5 Rep	12/9/1996	12:00	2.2	1.0	530.60	220.60	-1.7553
10-5 Rep	12/9/1996	12:00	2.2	1.0	539.20	225.20	-1.7462
11-1	12/9/1996	10:20	2.7	1.0	564.40	386.20	-0.7588
11-1	12/9/1996	10:20	2.7	1.0	570.60	390.40	-0.7590
11-1	12/9/1996	10:20	2.7	1.0	605.30	414.00	-0.7597
11-2	12/9/1996	10:00	2.6	1.0	305.90	158.30	-1.3175
11-2	12/9/1996	10:00	2.6	1.0	288.40	150.20	-1.3048
11-2	12/9/1996	10:00	2.6	1.0	278.70	144.50	-1.3137
11-3	12/9/1996	13:00	2.8	1.0	429.90	215.60	-1.3803
11-3	12/9/1996	13:00	2.8	1.0	431.40	216.40	-1.3798
11-3	12/9/1996	13:00	2.8	1.0	422.70	212.00	-1.3802
11-4	12/9/1996	12:40	3.9	1.0	785.90	532.20	-0.7796
11-4	12/9/1996	12:40	3.9	1.0	778.50	526.60	-0.7819
11-4	12/9/1996	12:40	3.9	1.0	785.00	532.80	-0.7751
11-5	12/9/1996	12:10	2.7	1.0	716.10	432.00	-1.0108
11-5	12/9/1996	12:10	2.7	1.0	651.20	396.00	-0.9948
11-5	12/9/1996	12:10	2.7	1.0	659.70	385.30	-1.0755
13-1	12/10/1996	13:30	1.6	0.8	984.40	592.10	-1.0167
13-1	12/10/1996	13:30	1.6	0.8	1033.00	624.70	-1.0059
13-1	12/10/1996	13:30	1.6	0.8	1081.00	630.20	-1.0792
13-2	12/10/1996	13:20	1.4	0.7	813.10	512.90	-0.9215
13-2	12/10/1996	13:20	1.4	0.7	774.60	487.70	-0.9253
13-2	12/10/1996	13:20	1.4	0.7	760.90	479.40	-0.9239
13-3	12/10/1996	13:10	1.5	0.7	757.40	456.30	-1.0135
13-3	12/10/1996	13:10	1.5	0.7	747.70	448.90	-1.0204
13-3	12/10/1996	13:10	1.5	0.7	749.40	453.00	-1.0068
13-4	12/10/1996	12:50	1.9	0.9	701.80	445.40	-0.9094
13-4	12/10/1996	12:50	1.9	0.9	677.60	432.60	-0.8975
13-4	12/10/1996	12:50	1.9	0.9	669.30	426.50	-0.9012
13-5	12/10/1996	12:30	3.6	1.0	800.50	526.60	-0.8376
13-5	12/10/1996	12:30	3.6	1.0	846.60	561.80	-0.8202
13-5	12/10/1996	12:30	3.6	1.0	842.10	555.60	-0.8317
14-1	12/10/1996	12:00	1.8	0.9	667.90	426.50	-0.8971
14-1	12/10/1996	12:00	1.8	0.9	645.90	412.50	-0.8968
14-1	12/10/1996	12:00	1.8	0.9	704.70	450.90	-0.8931
14-1 Rep	12/10/1996	12:05	1.8	0.9	650.80	418.10	-0.8850
14-1 Rep	12/10/1996	12:05	1.8	0.9	669.00	429.00	-0.8887
14-1 Rep	12/10/1996	12:05	1.8	0.9	655.30	420.70	-0.8863
14-2	12/10/1996	11:50	1.7	0.8	623.60	464.60	-0.5887
14-2	12/10/1996	11:50	1.7	0.8	642.90	480.50	-0.5823
14-2	12/10/1996	11:50	1.7	0.8	652.00	487.40	-0.5819
14-3	12/10/1996	11:30	2.8	1.0	440.60	208.30	-1.4983
14-3	12/10/1996	11:30	2.8	1.0	426.20	202.20	-1.4913
14-3	12/10/1996	11:30	2.8	1.0	426.70	201.70	-1.4986
14-4	12/10/1996	11:10	1.4	0.7	675.30	371.50	-1.1952

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
14-4	12/10/1996	11:10	1.4	0.7	680.80	374.30	-1.1964
14-4	12/10/1996	11:10	1.4	0.7	698.30	388.30	-1.1737
14-5	12/10/1996	10:40	2.2	1.0	490.10	302.90	-0.9624
14-5	12/10/1996	10:40	2.2	1.0	489.20	302.60	-0.9607
14-5	12/10/1996	10:40	2.2	1.0	486.00	300.80	-0.9595
16-1	12/11/1996	13:15	3.0	1.0	772.80	540.90	-0.7136
16-1	12/11/1996	13:15	3.0	1.0	774.60	541.40	-0.7164
16-1	12/11/1996	13:15	3.0	1.0	737.50	516.80	-0.7112
16-2	12/11/1996	13:00	1.5	0.7	874.00	626.90	-0.6646
16-2	12/11/1996	13:00	1.5	0.7	876.80	628.40	-0.6662
16-2	12/11/1996	13:00	1.5	0.7	841.20	606.80	-0.6533
16-3	12/11/1996	12:50	1.8	0.9	689.60	406.10	-1.0590
16-3	12/11/1996	12:50	1.8	0.9	686.10	403.60	-1.0612
16-3	12/11/1996	12:50	1.8	0.9	673.00	392.20	-1.0799
16-4	12/11/1996	12:40	1.6	0.8	624.00	371.30	-1.0383
16-4	12/11/1996	12:40	1.6	0.8	616.50	363.90	-1.0544
16-4	12/11/1996	12:40	1.6	0.8	618.80	369.50	-1.0313
16-5	12/11/1996	12:30	1.1	0.5	902.60	639.20	-0.6901
16-5	12/11/1996	12:30	1.1	0.5	906.90	642.00	-0.6909
16-5	12/11/1996	12:30	1.1	0.5	939.70	665.30	-0.6906
LB-1	12/11/1996	11:30	1.1	0.5	708.10	389.40	-1.1960
LB-1	12/11/1996	11:30	1.1	0.5	675.70	386.50	-1.1172
LB-1	12/11/1996	11:30	1.1	0.5	638.30	365.20	-1.1167
LB-2	12/11/1996	11:15	2.9	1.0	601.70	317.10	-1.2811
LB-2	12/11/1996	11:15	2.9	1.0	606.70	324.00	-1.2546
LB-2	12/11/1996	11:15	2.9	1.0	603.00	322.40	-1.2522
LB-3	12/11/1996	11:00	1.6	0.8	676.40	429.40	-0.9088
LB-3	12/11/1996	11:00	1.6	0.8	626.20	395.40	-0.9195
LB-3	12/11/1996	11:00	1.6	0.8	668.20	422.10	-0.9187
LB-4	12/11/1996	10:45	1.6	0.8	759.70	485.90	-0.8938
LB-4	12/11/1996	10:45	1.6	0.8	775.10	496.50	-0.8908
LB-4	12/11/1996	10:45	1.6	0.8	752.10	479.50	-0.9003
LB-5	12/11/1996	10:20	1.6	0.8	805.60	519.70	-0.8767
LB-5	12/11/1996	10:20	1.6	0.8	799.70	518.30	-0.8674
LB-5	12/11/1996	10:20	1.6	0.8	803.40	519.00	-0.8739
LB-5 Rep	12/11/1996	10:25	1.6	0.8	855.30	555.00	-0.8650
LB-5 Rep	12/11/1996	10:25	1.6	0.8	867.00	563.20	-0.8628
LB-5 Rep	12/11/1996	10:25	1.6	0.8	843.40	547.20	-0.8653
ML-1	12/12/1996	12:05	2.3	1.0	468.80	197.50	-1.7289
ML-1	12/12/1996	12:05	2.3	1.0	471.90	198.10	-1.7360
ML-1	12/12/1996	12:05	2.3	1.0	454.70	188.70	-1.7590
ML-2	12/12/1996	11:55	1.4	0.7	408.00	186.00	-1.5710
ML-2	12/12/1996	11:55	1.4	0.7	408.80	185.10	-1.5847
ML-2	12/12/1996	11:55	1.4	0.7	427.60	193.60	-1.5848
ML-3	12/12/1996	11:40	0.7	0.3	1426.00	487.20	-2.1479
ML-3	12/12/1996	11:40	0.7	0.3	1427.00	486.20	-2.1534
ML-3	12/12/1996	11:40	0.7	0.3	1507.00	505.80	-2.1835
ML-4	12/12/1996	11:25	4.4	1.0	313.80	125.40	-1.8345
ML-4	12/12/1996	11:25	4.4	1.0	312.90	124.90	-1.8367

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January through December 1996.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
ML-4	12/12/1996	11:25	4.4	1.0	350.80	138.90	-1.8529
ML-5	12/12/1996	11:00	1.0	0.5	139.80	64.45	-1.5486
ML-5	12/12/1996	11:00	1.0	0.5	139.60	64.52	-1.5436
ML-5	12/12/1996	11:00	1.0	0.5	130.60	60.16	-1.5503
MU-1	12/12/1996	13:45	1.7	0.8	125.00	41.48	-2.2062
MU-1	12/12/1996	13:45	1.7	0.8	119.50	40.50	-2.1640
MU-1	12/12/1996	13:45	1.7	0.8	127.20	40.49	-2.2894
MU-2	12/12/1996	13:30	1.3	0.6	173.90	70.70	-1.8001
MU-2	12/12/1996	13:30	1.3	0.6	175.60	71.56	-1.7953
MU-2	12/12/1996	13:30	1.3	0.6	173.60	70.76	-1.7949
MU-3	12/12/1996	13:10	0.9	0.4	694.90	275.80	-1.8482
MU-3	12/12/1996	13:10	0.9	0.4	654.60	259.60	-1.8498
MU-3	12/12/1996	13:10	0.9	0.4	697.60	278.40	-1.8372
MU-4	12/12/1996	12:45	2.2	1.0	310.10	152.80	-1.4155
MU-4	12/12/1996	12:45	2.2	1.0	306.90	151.50	-1.4119
MU-4	12/12/1996	12:45	2.2	1.0	314.20	154.90	-1.4145
MU-5	12/12/1996	12:20	2.9	1.0	432.30	172.60	-1.8363
MU-5	12/12/1996	12:20	2.9	1.0	435.90	174.20	-1.8344
MU-5	12/12/1996	12:20	2.9	1.0	439.20	176.50	-1.8233
MU-5 Rep	12/12/1996	12:25	2.9	1.0	433.10	172.50	-1.8411
MU-5 Rep	12/12/1996	12:25	2.9	1.0	430.60	171.70	-1.8389
MU-5 Rep	12/12/1996	12:25	2.9	1.0	431.20	171.30	-1.8463

**Table 4. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
16-5	2/12/1996	15:30	15.35	7.72	42.20	27.00	96.70	8.02	12.5
16-5	2/12/1996	15:45	15.47	7.76	42.30	27.10	94.70	7.92	12.4
16-5	2/12/1996	16:00	15.67	7.79	42.30	27.10	94.30	7.99	12.4
16-5	2/12/1996	16:15	15.77	7.80	42.30	27.10	94.00	8.01	12.3
16-5	2/12/1996	16:30	16.18	7.81	42.50	27.30	91.90	8.04	12.3
16-5	2/12/1996	16:45	16.64	7.81	42.50	27.30	89.60	8.06	12.3
16-5	2/12/1996	17:00	16.80	7.83	42.80	27.50	88.00	7.99	12.3
16-5	2/12/1996	17:15	16.95	7.85	43.00	27.70	87.10	7.98	12.3
16-5	2/12/1996	17:30	17.05	7.86	43.20	27.90	86.30	7.95	12.3
16-5	2/12/1996	17:45	17.12	7.85	44.20	28.60	86.00	7.96	12.3
16-5	2/12/1996	18:00	17.16	7.86	45.20	29.30	86.00	7.98	12.3
16-5	2/12/1996	18:15	17.16	7.86	45.50	29.50	86.00	7.98	12.3
16-5	2/12/1996	18:30	17.18	7.88	45.70	29.70	86.10	8.00	12.3
16-5	2/12/1996	18:45	17.16	7.86	45.80	29.80	86.20	8.00	12.2
16-5	2/12/1996	19:00	17.18	7.86	45.80	29.80	86.10	8.00	12.3
16-5	2/12/1996	19:15	17.21	7.87	45.80	29.80	86.60	8.06	12.2
16-5	2/12/1996	19:30	17.16	7.85	45.80	29.80	87.50	8.12	12.2
16-5	2/12/1996	19:45	17.16	7.86	45.80	29.80	86.80	8.05	12.2
16-5	2/12/1996	20:00	17.14	7.86	45.80	29.80	86.30	8.00	12.2
16-5	2/12/1996	20:15	17.12	7.86	45.80	29.80	86.80	8.03	12.3
16-5	2/12/1996	20:30	17.09	7.86	45.80	29.80	86.30	7.97	12.2
16-5	2/12/1996	20:45	17.11	7.88	45.80	29.80	86.10	7.96	12.2
16-5	2/12/1996	21:00	17.05	7.87	45.80	29.80	85.20	7.85	12.2
16-5	2/12/1996	21:15	17.07	7.86	45.80	29.70	85.40	7.88	12.2
16-5	2/12/1996	21:30	17.12	7.86	45.80	29.70	84.30	7.80	12.2
16-5	2/12/1996	21:45	17.09	7.87	45.70	29.70	84.50	7.81	12.2
16-5	2/12/1996	22:00	17.05	7.85	45.80	29.70	85.10	7.84	12.2
16-5	2/12/1996	22:15	17.05	7.87	45.80	29.80	85.20	7.85	12.2
16-5	2/12/1996	22:30	17.00	7.86	45.80	29.80	85.10	7.82	12.2
16-5	2/12/1996	22:45	16.97	7.85	45.70	29.70	84.90	7.79	12.2
16-5	2/12/1996	23:00	16.95	7.84	45.70	29.70	85.00	7.79	12.2
16-5	2/12/1996	23:15	16.99	7.87	45.80	29.80	84.80	7.79	12.3
16-5	2/12/1996	23:30	17.00	7.87	45.70	29.70	84.90	7.80	12.2
16-5	2/12/1996	23:45	16.99	7.85	45.70	29.70	84.50	7.76	12.2
16-5	2/12/1996	0:00	16.93	7.85	45.80	29.80	84.90	7.77	12.2
16-5	2/12/1996	0:15	16.93	7.88	45.80	29.80	85.10	7.79	12.2
16-5	2/12/1996	0:30	16.87	7.87	45.80	29.80	84.80	7.73	12.2
16-5	2/12/1996	0:45	16.88	7.87	45.70	29.70	84.20	7.68	12.2
16-5	2/12/1996	1:00	16.81	7.87	45.80	29.80	85.20	7.74	12.1
16-5	2/12/1996	1:15	16.83	7.86	45.80	29.80	85.10	7.74	12.1
16-5	2/12/1996	1:30	16.87	7.84	45.80	29.80	84.30	7.69	12.2
16-5	2/13/1996	1:45	16.88	7.86	45.80	29.80	84.20	7.68	12.1
16-5	2/13/1996	2:00	16.85	7.85	45.80	29.80	84.00	7.65	12.1
16-5	2/13/1996	2:15	16.85	7.86	45.70	29.70	83.60	7.61	12.1
16-5	2/13/1996	2:30	16.73	7.84	45.70	29.70	83.90	7.59	12.1
16-5	2/13/1996	2:45	16.80	7.87	45.80	29.80	83.70	7.60	12.1
16-5	2/13/1996	3:00	16.76	7.87	45.80	29.80	83.90	7.60	12.1
16-5	2/13/1996	3:15	16.73	7.86	45.80	29.80	83.30	7.53	12.1
16-5	2/13/1996	3:30	16.61	7.86	45.70	29.70	84.30	7.57	12.1
16-5	2/13/1996	3:45	16.69	7.86	45.70	29.70	83.80	7.56	12.1

**Table 4. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
16-5	2/13/1996	4:00	16.69	7.85	45.80	29.80	84.10	7.59	12.1
16-5	2/13/1996	4:15	16.68	7.86	45.80	29.80	84.10	7.58	12.1
16-5	2/13/1996	4:30	16.69	7.85	45.70	29.70	84.10	7.59	12.1
16-5	2/13/1996	4:45	16.71	7.84	45.70	29.70	83.90	7.58	12.1
16-5	2/13/1996	5:00	16.64	7.85	45.70	29.70	83.90	7.55	12.1
16-5	2/13/1996	5:15	16.68	7.84	45.80	29.80	83.80	7.56	12.0
16-5	2/13/1996	5:30	16.75	7.86	45.80	29.80	84.10	7.61	12.1
16-5	2/13/1996	5:45	16.71	7.85	45.80	29.80	84.00	7.59	12.1
16-5	2/13/1996	6:00	16.68	7.86	45.80	29.80	84.00	7.57	12.1
16-5	2/13/1996	6:15	16.59	7.84	45.90	29.80	84.00	7.53	12.1
16-5	2/13/1996	6:30	16.59	7.86	45.90	29.80	83.90	7.52	12.1
16-5	2/13/1996	6:45	16.61	7.85	45.90	29.80	84.00	7.54	12.1
16-5	2/13/1996	7:00	16.54	7.85	45.90	29.80	83.80	7.49	12.1
16-5	2/13/1996	7:15	16.57	7.85	45.90	29.80	83.80	7.51	12.1
16-5	2/13/1996	7:30	16.61	7.84	45.90	29.80	83.80	7.52	12.1
16-5	2/13/1996	7:45	16.45	7.83	45.90	29.80	84.20	7.49	12.1
16-5	2/13/1996	8:00	16.44	7.83	45.90	29.80	83.80	7.45	12.0
16-5	2/13/1996	8:15	16.42	7.84	45.80	29.80	83.80	7.44	12.0
16-5	2/13/1996	8:30	16.25	7.84	45.90	29.80	84.00	7.38	12.0
16-5	2/13/1996	8:45	16.35	7.84	45.90	29.80	84.00	7.42	12.0
16-5	2/13/1996	9:00	16.28	7.83	45.90	29.80	83.40	7.34	12.0
16-5	2/13/1996	9:15	16.18	7.84	45.90	29.80	83.90	7.34	12.0
16-5	2/13/1996	9:30	16.15	7.85	45.70	29.70	84.50	7.38	12.0
16-5	2/13/1996	9:45	16.04	7.86	45.60	29.60	85.20	7.39	12.2
16-5	2/13/1996	10:00	15.96	7.85	45.60	29.60	86.10	7.43	12.0
16-5	2/13/1996	10:15	15.81	7.86	45.60	29.60	87.40	7.47	12.0
16-5	2/13/1996	10:30	15.82	7.85	45.50	29.50	87.20	7.46	12.0
16-5	2/13/1996	10:45	15.91	7.85	45.50	29.50	85.80	7.38	12.0
16-5	2/13/1996	11:00	15.82	7.85	45.50	29.50	86.50	7.40	12.0
16-5	2/13/1996	11:15	15.81	7.85	45.40	29.50	86.20	7.37	12.0
16-5	2/13/1996	11:30	15.81	7.85	45.20	29.30	86.10	7.36	12.0
16-5	2/13/1996	11:45	15.86	7.84	45.20	29.30	85.30	7.31	12.0
16-5	2/13/1996	12:00	15.86	7.84	45.20	29.30	85.20	7.30	12.0
16-5	2/13/1996	12:15	15.89	7.82	45.20	29.30	84.60	7.27	12.0
16-5	2/13/1996	12:30	15.91	7.82	45.10	29.30	84.10	7.23	12.0
16-5	2/13/1996	12:45	15.91	7.83	45.10	29.20	84.20	7.24	12.0
16-5	2/13/1996	13:00	15.94	7.81	45.00	29.10	83.80	7.22	12.0
16-5	2/13/1996	13:15	15.96	7.83	44.80	29.00	84.30	7.27	12.0
16-5	2/13/1996	13:30	16.01	7.81	44.70	29.00	84.00	7.27	12.0
16-5	2/13/1996	13:45	16.08	7.81	44.60	28.90	83.80	7.28	12.0
16-5	2/13/1996	14:00	16.06	7.81	44.60	28.80	83.90	7.28	12.0
16-5	2/13/1996	14:15	16.16	7.82	44.50	28.80	84.40	7.37	12.0
16-5	2/13/1996	14:30	16.15	7.85	44.40	28.70	85.00	7.42	12.0
16-5	2/13/1996	14:45	16.37	7.80	44.30	28.70	85.20	7.54	12.0
16-5	2/13/1996	15:00	16.36	7.82	44.10	28.50	85.70	7.58	12.0
16-5	2/13/1996	15:15	16.51	7.84	43.90	28.40	85.40	7.62	12.0
16-5	2/13/1996	15:30	16.45	7.86	43.90	28.40	87.60	7.79	12.0
16-5	2/13/1996	15:45	16.49	7.86	43.80	28.30	86.50	7.71	12.0
MU-1	3/18/1996	14:30	22.38	5.87	0.37	0.20	81.90	7.10	14.5
MU-1	3/18/1996	14:45	22.39	5.86	0.37	0.20	81.80	7.09	14.4

**Table 4. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
MU-1	3/18/1996	15:00	22.42	5.97	0.37	0.20	82.20	7.12	14.4
MU-1	3/18/1996	15:15	22.46	6.00	0.37	0.20	82.40	7.13	14.4
MU-1	3/18/1996	15:30	22.44	6.00	0.37	0.20	82.70	7.16	14.4
MU-1	3/18/1996	15:45	22.42	5.90	0.37	0.20	83.00	7.19	14.4
MU-1	3/18/1996	16:00	22.48	5.92	0.37	0.20	83.50	7.22	14.3
MU-1	3/18/1996	16:15	22.46	5.93	0.37	0.20	83.90	7.26	14.3
MU-1	3/18/1996	16:30	22.46	5.93	0.37	0.20	84.30	7.30	14.3
MU-1	3/18/1996	16:45	22.44	5.94	0.37	0.20	84.70	7.34	14.3
MU-1	3/18/1996	17:00	22.44	5.93	0.37	0.20	84.60	7.33	14.3
MU-1	3/18/1996	17:15	22.44	5.94	0.38	0.20	85.20	7.38	14.3
MU-1	3/18/1996	17:30	22.45	5.94	0.38	0.20	85.30	7.38	14.3
MU-1	3/18/1996	17:45	22.44	5.93	0.38	0.20	85.50	7.40	14.3
MU-1	3/18/1996	18:00	22.45	5.94	0.38	0.20	85.20	7.37	14.3
MU-1	3/18/1996	18:15	22.47	5.95	0.38	0.20	83.80	7.25	14.3
MU-1	3/18/1996	18:30	22.45	5.95	0.38	0.20	85.40	7.39	14.3
MU-1	3/18/1996	18:45	22.42	6.09	0.38	0.20	85.50	7.41	14.2
MU-1	3/18/1996	19:00	22.42	6.10	0.38	0.20	85.40	7.40	14.2
MU-1	3/18/1996	19:15	22.39	6.09	0.38	0.20	84.60	7.34	14.2
MU-1	3/18/1996	19:30	22.33	6.06	0.37	0.20	83.80	7.27	14.2
MU-1	3/18/1996	19:45	22.35	5.85	0.37	0.20	84.10	7.30	14.2
MU-1	3/18/1996	20:00	22.35	5.85	0.37	0.20	83.40	7.24	14.2
MU-1	3/18/1996	20:15	22.37	5.82	0.37	0.20	82.80	7.18	14.2
MU-1	3/18/1996	20:30	22.39	5.85	0.37	0.20	81.50	7.07	14.2
MU-1	3/18/1996	20:45	22.39	6.05	0.37	0.20	81.90	7.10	14.1
MU-1	3/18/1996	21:00	22.39	6.04	0.37	0.20	81.80	7.09	14.2
MU-1	3/18/1996	21:15	22.40	6.02	0.37	0.20	81.10	7.03	14.2
MU-1	3/18/1996	21:30	22.41	5.69	0.37	0.20	80.60	6.99	14.2
MU-1	3/18/1996	21:45	22.42	5.73	0.37	0.20	80.40	6.96	14.1
MU-1	3/18/1996	22:00	22.44	5.72	0.37	0.20	79.90	6.92	14.1
MU-1	3/18/1996	22:15	22.47	5.71	0.37	0.20	79.40	6.87	14.1
MU-1	3/18/1996	22:30	22.48	5.69	0.36	0.20	79.10	6.85	14.1
MU-1	3/18/1996	22:45	22.49	5.68	0.36	0.20	78.90	6.82	14.1
MU-1	3/18/1996	23:00	22.49	5.66	0.36	0.20	78.30	6.77	14.1
MU-1	3/18/1996	23:15	22.51	5.65	0.36	0.20	77.90	6.73	14.1
MU-1	3/18/1996	23:30	22.51	5.65	0.36	0.20	77.50	6.70	14.1
MU-1	3/18/1996	23:45	22.51	5.64	0.36	0.20	77.40	6.69	14.1
MU-1	3/19/1996	0:00	22.53	5.65	0.36	0.20	76.30	6.59	14.1
MU-1	3/19/1996	0:15	22.51	5.67	0.36	0.20	74.30	6.42	14.1
MU-1	3/19/1996	0:30	22.49	5.65	0.36	0.20	76.50	6.61	14.1
MU-1	3/19/1996	0:45	22.42	5.66	0.36	0.20	76.50	6.63	14.1
MU-1	3/19/1996	1:00	22.46	5.66	0.36	0.20	77.00	6.67	14.1
MU-1	3/19/1996	1:15	22.44	5.67	0.36	0.20	77.10	6.67	14.0
MU-1	3/19/1996	1:30	22.44	5.97	0.36	0.20	76.10	6.59	14.0
MU-1	3/19/1996	1:45	22.42	5.75	0.36	0.20	76.00	6.59	14.0
MU-1	3/19/1996	2:00	22.42	5.96	0.36	0.20	75.90	6.58	14.0
MU-1	3/19/1996	2:15	22.39	5.95	0.36	0.20	75.60	6.56	14.0
MU-1	3/19/1996	2:30	22.38	5.98	0.36	0.20	75.30	6.52	14.0
MU-1	3/19/1996	2:45	22.35	5.76	0.36	0.20	75.40	6.54	14.0
MU-1	3/19/1996	3:00	22.33	5.74	0.36	0.20	75.00	6.51	14.0
MU-1	3/19/1996	3:15	22.33	5.77	0.37	0.20	74.90	6.50	14.0

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During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
MU-1	3/19/1996	3:30	22.30	5.79	0.37	0.20	74.80	6.49	14.0
MU-1	3/19/1996	3:45	22.28	5.83	0.37	0.20	74.90	6.51	14.0
MU-1	3/19/1996	4:00	22.25	5.81	0.37	0.20	75.20	6.54	14.0
MU-1	3/19/1996	4:15	22.23	5.81	0.37	0.20	75.40	6.56	13.9
MU-1	3/19/1996	4:30	22.21	5.81	0.37	0.20	75.30	6.55	14.0
MU-1	3/19/1996	4:45	22.17	5.82	0.38	0.20	75.50	6.57	13.9
MU-1	3/19/1996	5:00	22.17	5.83	0.38	0.20	75.90	6.61	13.9
MU-1	3/19/1996	5:15	22.15	5.83	0.38	0.20	76.10	6.62	13.9
MU-1	3/19/1996	5:30	22.13	5.84	0.38	0.20	75.60	6.59	13.9
MU-1	3/19/1996	5:45	22.10	5.84	0.38	0.20	75.20	6.56	13.9
MU-1	3/19/1996	6:00	22.09	5.84	0.38	0.20	74.90	6.53	13.9
MU-1	3/19/1996	6:15	22.09	5.81	0.38	0.20	74.50	6.50	13.9
MU-1	3/19/1996	6:30	22.03	5.81	0.38	0.20	75.30	6.57	13.9
MU-1	3/19/1996	6:45	21.99	5.82	0.38	0.20	75.50	6.59	13.9
MU-1	3/19/1996	7:00	21.99	5.81	0.38	0.20	75.20	6.57	13.9
MU-1	3/19/1996	7:15	21.98	5.79	0.38	0.20	74.30	6.49	13.9
MU-1	3/19/1996	7:30	21.97	6.01	0.37	0.20	74.80	6.53	13.9
MU-1	3/19/1996	7:45	21.94	5.99	0.38	0.20	74.30	6.49	13.9
MU-1	3/19/1996	8:00	21.94	5.99	0.37	0.20	73.90	6.46	13.9
MU-1	3/19/1996	8:15	21.93	5.67	0.37	0.20	73.70	6.44	13.9
MU-1	3/19/1996	8:30	21.94	5.62	0.37	0.20	73.70	6.44	13.8
MU-1	3/19/1996	8:45	21.93	5.60	0.37	0.20	73.30	6.41	13.8
MU-1	3/19/1996	9:00	21.96	5.72	0.37	0.20	73.40	6.41	13.8
MU-1	3/19/1996	9:15	21.98	5.96	0.36	0.20	73.20	6.39	13.8
MU-1	3/19/1996	9:30	22.01	5.96	0.36	0.20	73.20	6.39	13.9
MU-1	3/19/1996	9:45	22.03	5.95	0.36	0.20	73.20	6.39	13.8
MU-1	3/19/1996	10:00	22.08	5.95	0.36	0.20	73.20	6.38	13.9
MU-1	3/19/1996	10:15	22.10	5.95	0.36	0.20	73.20	6.38	14.1
MU-1	3/19/1996	10:30	22.17	5.95	0.36	0.20	73.10	6.36	13.8
MU-1	3/19/1996	10:45	22.21	5.59	0.36	0.20	73.00	6.35	13.8
MU-1	3/19/1996	11:00	22.23	5.57	0.36	0.20	72.60	6.31	13.8
MU-1	3/19/1996	11:15	22.26	5.56	0.36	0.20	73.00	6.35	13.9
MU-1	3/19/1996	11:30	22.29	5.55	0.36	0.20	72.90	6.33	13.8
MU-1	3/19/1996	11:45	22.35	5.55	0.36	0.20	72.60	6.30	13.8
MU-1	3/19/1996	12:00	22.38	5.55	0.36	0.20	72.90	6.32	13.7
MU-1	3/19/1996	12:15	22.37	5.55	0.36	0.20	72.70	6.30	13.7
MU-1	3/19/1996	12:30	22.37	5.54	0.36	0.20	72.50	6.29	13.7
MU-1	3/19/1996	12:45	22.42	5.55	0.36	0.20	72.40	6.27	13.7
MU-1	3/19/1996	13:00	22.46	5.94	0.36	0.20	71.90	6.22	13.7
MU-1	3/19/1996	13:15	22.46	5.71	0.36	0.20	72.00	6.23	13.7
MU-1	3/19/1996	13:30	22.54	5.72	0.36	0.20	71.50	6.18	13.7
MU-1	3/19/1996	13:45	22.55	5.73	0.36	0.20	71.70	6.19	13.7
MU-1	3/19/1996	14:00	22.65	5.95	0.36	0.20	71.80	6.19	13.7
MU-1	3/19/1996	14:15	22.68	5.96	0.36	0.20	71.70	6.18	13.7
MU-1	3/19/1996	14:30	22.73	5.96	0.36	0.20	71.60	6.17	13.7
14-1	04\08\96	6:00	22.31	7.22	35.70	22.50	66.40	5.03	13.1
14-1	04\08\96	6:15	22.28	7.22	35.90	22.60	65.00	4.92	13.1
14-1	04\08\96	6:30	22.26	7.22	35.90	22.60	64.90	4.91	13.1
14-1	04\08\96	6:45	22.16	7.24	35.90	22.70	66.60	5.05	13.1
14-1	04\08\96	7:00	22.06	7.24	35.90	22.70	67.80	5.15	13.0

**Table 4. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
14-1	04\08\96	7:15	22.08	7.25	35.90	22.70	69.80	5.30	13.1
14-1	04\08\96	7:30	22.14	7.24	35.90	22.70	68.90	5.22	13.0
14-1	04\08\96	7:45	22.22	7.24	35.90	22.60	67.90	5.15	13.0
14-1	04\08\96	8:00	22.23	7.23	35.90	22.60	67.60	5.12	13.0
14-1	04\08\96	8:15	22.10	7.25	35.90	22.60	69.60	5.28	13.0
14-1	04\08\96	8:30	22.09	7.28	35.90	22.60	70.20	5.33	13.0
14-1	04\08\96	8:45	22.07	7.26	35.80	22.60	70.10	5.33	13.0
14-1	04\08\96	9:00	22.03	7.25	35.70	22.50	69.60	5.29	13.0
14-1	04\08\96	9:15	22.04	7.26	35.80	22.60	69.70	5.30	13.0
14-1	04\08\96	9:30	22.01	7.26	35.80	22.60	70.10	5.33	12.9
14-1	04\08\96	9:45	22.01	7.27	35.80	22.60	70.60	5.37	12.9
14-1	04\08\96	10:00	21.98	7.26	35.80	22.60	70.00	5.33	12.9
14-1	04\08\96	10:15	22.00	7.27	35.80	22.60	70.20	5.34	12.9
14-1	04\08\96	10:30	22.02	7.26	35.80	22.60	69.80	5.31	12.9
14-1	04\08\96	10:45	22.03	7.25	35.90	22.70	69.10	5.25	12.9
14-1	04\08\96	11:00	21.93	7.24	36.00	22.70	68.50	5.21	12.9
14-1	04\08\96	11:15	21.96	7.21	36.10	22.80	65.70	4.99	12.9
14-1	04\08\96	11:30	22.01	7.22	36.20	22.90	64.70	4.91	12.9
14-1	04\08\96	11:45	22.07	7.21	36.40	23.00	63.60	4.82	12.9
14-1	04\08\96	12:00	22.05	7.21	36.40	23.00	63.40	4.81	12.9
14-1	04\08\96	12:15	22.05	7.19	36.60	23.10	62.00	4.70	12.9
14-1	04\08\96	12:30	22.04	7.19	36.40	23.00	62.10	4.71	12.9
14-1	04\08\96	12:45	22.07	7.18	36.60	23.20	62.00	4.69	12.9
14-1	04\08\96	13:00	21.94	7.17	37.00	23.40	61.20	4.64	12.8
14-1	04\08\96	13:15	21.99	7.16	37.00	23.40	61.60	4.67	12.9
14-1	04\08\96	13:30	22.01	7.15	37.00	23.40	60.40	4.57	12.8
14-1	04\08\96	13:45	22.01	7.15	37.10	23.50	61.00	4.61	12.8
14-1	04\08\96	14:00	22.07	7.16	36.90	23.40	61.20	4.63	12.8
14-1	04\08\96	14:15	22.16	7.16	36.50	23.10	60.10	4.54	12.8
14-1	04\08\96	14:30	22.09	7.17	36.80	23.30	62.10	4.70	12.8
14-1	04\08\96	14:45	22.10	7.17	36.90	23.40	60.30	4.56	12.9
14-1	04\08\96	15:00	22.16	7.18	36.70	23.20	61.10	4.62	12.8
14-1	04\08\96	15:15	22.09	7.20	37.20	23.60	61.90	4.68	12.8
14-1	04\08\96	15:30	22.10	7.20	37.10	23.50	63.00	4.76	13.1
14-1	04\08\96	15:45	22.09	7.21	37.10	23.50	64.20	4.85	12.8
14-1	04\08\96	16:00	22.13	7.21	36.80	23.30	63.60	4.80	12.8
14-1	04\08\96	16:15	22.10	7.20	37.10	23.50	64.30	4.85	12.8
14-1	04\08\96	16:30	22.10	7.20	37.10	23.50	65.00	4.91	12.8
14-1	04\08\96	16:45	22.14	7.19	37.10	23.50	63.60	4.80	12.8
14-1	04\08\96	17:00	22.11	7.20	37.20	23.60	64.70	4.89	12.8
14-1	04\08\96	17:15	22.14	7.20	37.10	23.50	64.90	4.90	12.8
14-1	04\08\96	17:30	22.14	7.21	37.10	23.50	64.90	4.90	12.8
14-1	04\08\96	17:45	22.14	7.21	37.20	23.60	63.80	4.82	12.8
14-1	04\08\96	18:00	22.19	7.19	37.00	23.40	61.40	4.63	12.8
14-1	04\08\96	18:15	22.12	7.22	36.70	23.20	69.10	5.23	12.8
14-1	04\08\96	18:30	22.16	7.23	36.80	23.30	69.80	5.27	12.8
14-1	04\08\96	18:45	22.13	7.29	36.80	23.30	72.10	5.45	12.9
14-1	04\08\96	19:00	22.10	7.31	36.70	23.20	75.60	5.72	12.8
14-1	04\08\96	19:15	22.07	7.31	36.80	23.30	75.40	5.71	12.9
14-1	04\08\96	19:30	22.07	7.31	36.90	23.40	74.50	5.63	12.8

**Table 4. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
14-1	04\08\96	19:45	21.98	7.34	36.60	23.10	77.30	5.86	12.8
14-1	04\08\96	20:00	21.89	7.30	36.40	23.00	73.50	5.59	12.8
14-1	04\08\96	20:15	21.94	7.31	36.40	23.00	71.90	5.46	12.8
14-1	04\08\96	20:30	21.85	7.35	36.40	23.00	72.10	5.49	12.8
14-1	04\08\96	20:45	21.57	7.38	36.10	22.80	83.00	6.36	12.8
14-1	04\08\96	21:00	21.80	7.33	36.20	22.90	75.60	5.76	12.8
14-1	04\08\96	21:15	22.01	7.29	36.40	23.00	72.40	5.49	12.8
14-1	04\08\96	21:30	22.07	7.26	36.70	23.20	67.80	5.13	12.8
14-1	04\08\96	21:45	22.00	7.28	36.50	23.10	68.20	5.17	12.8
14-1	04\08\96	22:00	21.92	7.28	36.30	23.00	69.30	5.27	12.8
14-1	04\08\96	22:15	21.98	7.27	36.60	23.10	67.60	5.13	12.8
14-1	04\08\96	22:30	22.03	7.26	36.90	23.40	65.80	4.98	12.8
14-1	04\08\96	22:45	21.70	7.30	36.30	23.00	72.20	5.51	12.8
14-1	04\08\96	23:00	21.84	7.28	36.30	22.90	70.30	5.35	12.8
14-1	04\08\96	23:15	21.85	7.28	36.50	23.10	69.00	5.25	12.8
14-1	04\08\96	23:30	21.91	7.27	36.60	23.10	68.60	5.21	12.8
14-1	04\08\96	23:45	21.75	7.28	36.40	23.00	69.60	5.31	12.8
14-1	04\09\96	0:00	21.75	7.28	36.40	23.00	69.00	5.26	12.8
14-1	04\09\96	0:15	21.68	7.28	36.50	23.00	68.50	5.23	12.8
14-1	04\09\96	0:30	21.68	7.28	36.40	23.00	69.00	5.27	12.8
14-1	04\09\96	0:45	21.68	7.28	36.40	23.00	68.50	5.23	12.8
14-1	04\09\96	1:00	21.66	7.28	36.30	23.00	68.70	5.25	12.8
14-1	04\09\96	1:15	21.68	7.28	36.30	23.00	67.90	5.19	12.8
14-1	04\09\96	1:30	21.64	7.28	36.30	23.00	67.10	5.13	12.8
14-1	04\09\96	1:45	21.59	7.29	36.00	22.80	67.40	5.17	12.7
14-1	04\09\96	2:00	21.62	7.29	36.00	22.80	67.70	5.19	12.8
14-1	04\09\96	2:15	21.64	7.28	36.10	22.80	67.50	5.16	12.8
14-1	04\09\96	2:30	21.66	7.28	36.10	22.80	67.00	5.13	12.8
14-1	04\09\96	2:45	21.63	7.28	36.00	22.80	66.50	5.09	12.8
14-1	04\09\96	3:00	21.68	7.27	36.10	22.80	66.30	5.07	12.8
14-1	04\09\96	3:15	21.57	7.28	36.00	22.80	66.20	5.08	12.8
14-1	04\09\96	3:30	21.50	7.28	36.10	22.80	66.30	5.08	12.7
14-1	04\09\96	3:45	21.48	7.27	36.10	22.80	66.20	5.08	12.7
14-1	04\09\96	4:00	21.54	7.26	36.20	22.80	64.30	4.93	12.7
14-1	04\09\96	4:15	21.55	7.25	36.20	22.90	62.80	4.81	12.7
14-1	04\09\96	4:30	21.57	7.25	36.20	22.90	61.10	4.68	12.8
14-1	04\09\96	4:45	21.65	7.24	36.20	22.90	58.00	4.44	12.7
14-1	04\09\96	5:00	21.65	7.23	36.30	23.00	55.80	4.26	12.7
14-1	04\09\96	5:15	21.50	7.21	35.80	22.60	57.50	4.41	12.7
14-1	04\09\96	5:30	21.52	7.20	35.80	22.60	57.30	4.40	12.7
14-1	04\09\96	5:45	21.50	7.20	35.80	22.60	56.60	4.35	12.7
14-1	04\09\96	6:00	21.48	7.20	35.80	22.60	56.40	4.33	12.7
14-1	04\09\96	6:15	21.47	7.19	35.80	22.60	56.30	4.33	12.7
14-1	04\09\96	6:30	21.42	7.18	35.70	22.50	55.70	4.29	12.7
14-1	04\09\96	6:45	21.42	7.18	35.70	22.50	55.40	4.27	12.7
14-1	04\09\96	7:00	21.41	7.18	35.70	22.60	55.90	4.30	12.7
14-1	04\09\96	7:15	21.38	7.18	35.80	22.60	55.90	4.31	12.7
14-1	04\09\96	7:30	21.40	7.18	35.80	22.60	56.10	4.32	12.7
14-1	04\09\96	7:45	21.38	7.18	35.80	22.60	56.30	4.34	12.7
14-1	04\09\96	8:00	21.34	7.18	35.80	22.60	56.40	4.34	12.7

**Table 4. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
14-1	04\09\96	8:15	21.31	7.17	35.90	22.60	56.20	4.33	12.7
14-1	04\09\96	8:30	21.24	7.18	35.90	22.60	56.30	4.35	12.7
14-1	04\09\96	8:45	21.31	7.16	36.00	22.70	54.70	4.21	12.7
14-1	04\09\96	9:00	21.26	7.18	35.90	22.60	57.30	4.42	12.7
14-1	04\09\96	9:15	21.31	7.18	35.90	22.60	56.60	4.36	12.7
14-1	04\09\96	9:30	21.34	7.18	35.90	22.70	56.60	4.36	12.7
14-1	04\09\96	9:45	21.27	7.18	35.90	22.60	57.20	4.42	12.7
LB-3	05\07\96	8:45	27.21	8.00	41.10	26.30	90.30	6.11	11.9
LB-3	05\07\96	9:00	27.32	8.01	41.20	26.40	95.80	6.47	11.9
LB-3	05\07\96	9:15	27.43	8.02	41.20	26.40	97.70	6.58	11.9
LB-3	05\07\96	9:30	27.52	8.03	41.20	26.40	99.20	6.67	11.9
LB-3	05\07\96	9:45	27.60	8.03	41.20	26.40	100.50	6.75	11.9
LB-3	05\07\96	10:00	27.66	8.04	41.20	26.50	102.40	6.87	11.9
LB-3	05\07\96	10:15	27.68	8.04	41.20	26.40	104.00	6.98	11.9
LB-3	05\07\96	10:30	27.74	8.05	41.20	26.40	105.50	7.07	11.9
LB-3	05\07\96	10:45	27.71	8.05	41.10	26.40	103.60	6.95	11.8
LB-3	05\07\96	11:00	27.77	8.06	41.10	26.40	105.60	7.08	11.8
LB-3	05\07\96	11:15	27.86	8.07	41.10	26.40	107.60	7.20	11.8
LB-3	05\07\96	11:30	27.99	8.08	41.10	26.30	109.90	7.34	11.8
LB-3	05\07\96	11:45	28.12	8.10	41.20	26.40	114.80	7.64	11.8
LB-3	05\07\96	12:00	28.22	8.11	41.20	26.40	117.00	7.78	11.8
LB-3	05\07\96	12:15	28.36	8.13	41.20	26.40	122.80	8.14	11.8
LB-3	05\07\96	12:30	28.41	8.14	41.20	26.40	124.90	8.27	11.8
LB-3	05\07\96	12:45	28.51	8.15	41.20	26.40	128.30	8.49	11.8
LB-3	05\07\96	13:00	28.67	8.15	41.10	26.40	127.50	8.41	11.8
LB-3	05\07\96	13:15	28.63	8.15	40.90	26.20	130.10	8.60	11.8
LB-3	05\07\96	13:30	28.61	8.16	40.80	26.20	127.80	8.45	11.8
LB-3	05\07\96	13:45	28.67	8.15	40.70	26.10	129.10	8.53	11.8
LB-3	05\07\96	14:00	28.82	8.15	40.60	26.00	128.50	8.47	11.8
LB-3	05\07\96	14:15	28.79	8.14	40.60	26.00	127.00	8.38	11.8
LB-3	05\07\96	14:30	28.84	8.14	40.60	26.00	126.10	8.31	11.8
LB-3	05\07\96	14:45	28.90	8.15	40.60	26.00	127.80	8.41	11.8
LB-3	05\07\96	15:00	28.97	8.15	40.60	26.00	128.90	8.48	11.8
LB-3	05\07\96	15:15	29.08	8.18	40.60	26.00	135.90	8.92	11.8
LB-3	05\07\96	15:30	29.22	8.21	40.60	26.00	146.80	9.61	11.8
LB-3	05\07\96	15:45	29.10	8.20	40.70	26.00	143.20	9.40	11.7
LB-3	05\07\96	16:00	29.04	8.20	40.70	26.10	142.00	9.33	11.7
LB-3	05\07\96	16:15	29.08	8.21	40.70	26.00	145.90	9.57	11.7
LB-3	05\07\96	16:30	29.05	8.18	40.70	26.00	141.70	9.31	11.7
LB-3	05\07\96	16:45	29.10	8.19	40.70	26.00	142.90	9.38	11.7
LB-3	05\07\96	17:00	29.12	8.20	40.70	26.00	143.30	9.40	11.7
LB-3	05\07\96	17:15	29.10	8.20	40.70	26.10	141.60	9.29	11.6
LB-3	05\07\96	17:30	29.06	8.20	40.70	26.10	138.90	9.11	11.6
LB-3	05\07\96	17:45	28.99	8.20	40.80	26.10	137.70	9.05	11.6
LB-3	05\07\96	18:00	28.94	8.19	40.70	26.10	136.20	8.96	11.6
LB-3	05\07\96	18:15	28.88	8.19	40.80	26.10	135.10	8.89	11.6
LB-3	05\07\96	18:30	28.80	8.19	40.80	26.20	133.50	8.79	11.6
LB-3	05\07\96	18:45	28.75	8.21	40.90	26.20	134.90	8.90	11.6
LB-3	05\07\96	19:00	28.75	8.20	40.80	26.10	132.20	8.72	11.6
LB-3	05\07\96	19:15	28.73	8.19	40.80	26.10	129.90	8.57	11.7

**Table 4. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
LB-3	05\07\96	19:30	28.71	8.19	40.80	26.10	128.10	8.46	11.6
LB-3	05\07\96	19:45	28.67	8.20	40.80	26.20	129.90	8.58	11.5
LB-3	05\07\96	20:00	28.65	8.20	40.80	26.20	127.60	8.43	11.5
LB-3	05\07\96	20:15	28.63	8.20	40.80	26.10	130.60	8.64	11.5
LB-3	05\07\96	20:30	28.55	8.20	40.80	26.10	129.10	8.55	11.5
LB-3	05\07\96	20:45	28.51	8.20	40.90	26.20	126.40	8.37	11.5
LB-3	05\07\96	21:00	28.45	8.19	40.80	26.20	126.00	8.35	11.5
LB-3	05\07\96	21:15	28.41	8.19	40.80	26.20	123.80	8.22	11.5
LB-3	05\07\96	21:30	28.35	8.18	40.90	26.20	120.90	8.03	11.5
LB-3	05\07\96	21:45	28.28	8.18	40.90	26.20	117.70	7.82	11.4
LB-3	05\07\96	22:00	28.26	8.19	40.70	26.10	117.40	7.81	11.4
LB-3	05\07\96	22:15	28.20	8.18	40.80	26.10	116.60	7.77	11.4
LB-3	05\07\96	22:30	28.11	8.19	40.70	26.10	116.10	7.75	11.4
LB-3	05\07\96	22:45	28.06	8.18	40.80	26.10	112.90	7.54	11.4
LB-3	05\07\96	23:00	28.24	8.17	40.70	26.10	111.60	7.43	11.4
LB-3	05\07\96	23:15	28.38	8.15	40.50	26.00	109.70	7.29	11.4
LB-3	05\07\96	23:30	28.36	8.15	40.60	26.00	108.70	7.23	11.4
LB-3	05\07\96	23:45	28.22	8.16	40.70	26.00	109.30	7.28	11.4
LB-3	05\08\96	0:00	28.18	8.15	40.70	26.00	107.20	7.15	11.3
LB-3	05\08\96	0:15	28.12	8.14	40.60	26.00	105.10	7.01	11.3
LB-3	05\08\96	0:30	28.03	8.13	40.50	25.90	101.50	6.79	11.3
LB-3	05\08\96	0:45	27.95	8.13	40.60	26.00	99.70	6.68	11.3
LB-3	05\08\96	1:00	27.85	8.12	40.60	26.00	97.70	6.55	11.3
LB-3	05\08\96	1:15	27.78	8.12	40.70	26.10	96.50	6.47	11.3
LB-3	05\08\96	1:30	27.73	8.12	40.70	26.10	95.10	6.39	11.1
LB-3	05\08\96	1:45	27.67	8.12	40.60	26.00	94.20	6.34	11.2
LB-3	05\08\96	2:00	27.65	8.11	40.60	26.00	92.40	6.22	11.2
LB-3	05\08\96	2:15	27.57	8.11	40.70	26.00	91.70	6.18	11.3
LB-3	05\08\96	2:30	27.51	8.12	40.70	26.10	93.60	6.32	11.2
LB-3	05\08\96	2:45	27.51	8.11	40.70	26.10	92.70	6.25	11.3
LB-3	05\08\96	3:00	27.52	8.12	40.70	26.10	93.30	6.29	11.2
LB-3	05\08\96	3:15	27.46	8.12	40.70	26.10	91.60	6.18	11.1
LB-3	05\08\96	3:30	27.40	8.11	40.80	26.10	90.40	6.10	11.2
LB-3	05\08\96	3:45	27.36	8.11	40.80	26.10	89.00	6.01	11.1
LB-3	05\08\96	4:00	27.30	8.11	40.80	26.10	88.50	5.99	11.1
LB-3	05\08\96	4:15	27.25	8.11	40.80	26.10	86.90	5.88	11.1
LB-3	05\08\96	4:30	27.17	8.10	40.80	26.10	86.30	5.85	11.1
LB-3	05\08\96	4:45	27.10	8.10	40.80	26.20	85.00	5.77	11.0
LB-3	05\08\96	5:00	27.00	8.10	40.90	26.20	84.00	5.71	11.0
LB-3	05\08\96	5:15	26.96	8.09	40.90	26.20	83.30	5.67	11.0
LB-3	05\08\96	5:30	26.89	8.09	40.90	26.20	82.00	5.58	11.0
LB-3	05\08\96	5:45	26.83	8.09	40.90	26.20	81.60	5.57	11.0
LB-3	05\08\96	6:00	26.75	8.09	40.90	26.20	81.00	5.53	10.9
LB-3	05\08\96	6:15	26.71	8.08	40.90	26.20	80.50	5.50	10.9
LB-3	05\08\96	6:30	26.70	8.08	40.90	26.20	80.40	5.50	10.9
LB-3	05\08\96	6:45	26.66	8.08	40.90	26.20	80.80	5.53	10.9
LB-3	05\08\96	7:00	26.62	8.07	41.00	26.30	80.90	5.54	10.9
LB-3	05\08\96	7:15	26.62	8.07	41.00	26.30	81.30	5.57	10.9
LB-3	05\08\96	7:30	26.64	8.07	41.00	26.30	81.60	5.58	10.8
LB-3	05\08\96	7:45	26.66	8.06	41.00	26.30	83.50	5.71	10.8

**Table 4. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
LB-3	05\08\96	8:00	26.79	8.06	41.00	26.30	85.20	5.81	10.8
LB-3	05\08\96	8:15	26.87	8.06	41.00	26.30	86.70	5.91	10.8
LB-3	05\08\96	8:30	27.22	8.06	41.10	26.40	90.20	6.10	10.8
LB-3	05\08\96	8:45	27.30	8.07	41.20	26.40	91.80	6.20	10.9
LB-3	05\08\96	9:00	27.49	8.05	41.30	26.50	91.60	6.17	10.9
LB-3	05\08\96	9:15	27.51	8.07	41.40	26.60	95.90	6.45	10.8
LB-3	05\08\96	9:30	27.52	8.08	41.40	26.60	96.50	6.49	10.7
LB-3	05\08\96	9:45	27.52	8.08	41.40	26.60	96.90	6.51	10.7
LB-3	05\08\96	10:00	27.46	8.10	41.40	26.50	99.40	6.69	10.7
LB-3	05\08\96	10:15	27.48	8.10	41.40	26.60	100.60	6.77	10.7
LB-3	05\08\96	10:30	27.50	8.09	41.40	26.60	100.70	6.77	10.7
LB-3	05\08\96	10:45	27.65	8.11	41.40	26.50	106.10	7.12	10.6
LB-3	05\08\96	11:00	27.29	8.14	41.30	26.50	100.30	6.77	10.7
11-1	6/18/1996	7:15	28.48	7.85	44846	29.10	86.40	5.63	13.8
11-1	6/18/1996	7:30	28.48	7.90	44906	29.10	85.40	5.56	13.8
11-1	6/18/1996	7:45	28.46	7.91	44901	29.10	84.70	5.52	13.8
11-1	6/18/1996	8:00	28.43	7.92	44890	29.10	84.60	5.51	13.8
11-1	6/18/1996	8:15	28.44	7.92	44895	29.10	84.30	5.50	13.8
11-1	6/18/1996	8:30	28.46	7.92	44961	29.10	84.10	5.48	13.8
11-1	6/18/1996	8:45	28.52	7.91	45037	29.20	83.00	5.40	13.8
11-1	6/18/1996	9:00	28.54	7.92	45042	29.20	84.00	5.46	13.8
11-1	6/18/1996	9:15	28.56	7.92	45048	29.20	84.20	5.47	13.8
11-1	6/18/1996	9:30	28.78	7.88	45228	29.30	80.50	5.21	13.7
11-1	6/18/1996	9:45	28.82	7.89	45239	29.30	82.60	5.34	13.7
11-1	6/18/1996	10:00	28.84	7.88	45305	29.40	83.00	5.36	13.8
11-1	6/18/1996	10:15	28.86	7.88	45310	29.40	83.10	5.37	13.7
11-1	6/18/1996	10:30	28.94	7.86	45393	29.50	80.10	5.17	13.7
11-1	6/18/1996	10:45	28.99	7.85	45530	29.60	78.20	5.03	13.7
11-1	6/18/1996	11:00	29.03	7.85	45542	29.60	78.00	5.02	13.8
11-1	6/18/1996	11:15	29.05	7.87	45488	29.50	80.80	5.20	13.7
11-1	6/18/1996	11:30	29.11	7.86	45565	29.60	80.60	5.18	13.7
11-1	6/18/1996	11:45	29.15	7.86	45577	29.60	81.30	5.22	13.7
11-1	6/18/1996	12:00	29.21	7.86	45595	29.60	82.30	5.27	13.7
11-1	6/18/1996	12:15	29.29	7.87	45559	29.60	83.50	5.35	13.7
11-1	6/18/1996	12:30	29.37	7.87	45583	29.60	84.00	5.37	13.7
11-1	6/18/1996	12:45	29.65	7.87	45368	29.40	86.30	5.50	13.7
11-1	6/18/1996	13:00	29.69	7.87	45381	29.40	88.30	5.62	13.7
11-1	6/18/1996	13:15	29.79	7.88	45291	29.40	90.50	5.75	13.7
11-1	6/18/1996	13:30	29.89	7.89	45263	29.40	94.10	5.97	13.7
11-1	6/18/1996	13:45	30.01	7.90	45120	29.30	96.20	6.10	13.6
11-1	6/18/1996	14:00	30.15	7.91	44984	29.20	98.70	6.24	13.7
11-1	6/18/1996	14:15	30.23	7.91	44950	29.10	100.1	6.33	13.7
11-1	6/18/1996	14:30	30.35	7.92	44929	29.10	101.6	6.41	13.7
11-1	6/18/1996	14:45	30.39	7.92	44942	29.10	102.8	6.48	13.7
11-1	6/18/1996	15:00	30.45	7.91	45023	29.20	103.0	6.48	13.7
11-1	6/18/1996	15:15	30.49	7.92	45097	29.20	101.2	6.36	13.6
11-1	6/18/1996	15:30	30.35	7.92	45232	29.30	101.3	6.38	13.6
11-1	6/18/1996	15:45	30.43	7.94	45138	29.30	106.8	6.72	13.6
11-1	6/18/1996	16:00	30.43	7.96	45077	29.20	109.2	6.87	13.6
11-1	6/18/1996	16:15	30.43	7.95	45198	29.30	107.3	6.75	13.7

**Table 4. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
11-1	6/18/1996	16:30	30.39	7.96	45124	29.30	107.6	6.78	13.6
11-1	6/18/1996	16:45	30.39	7.96	45185	29.30	107.9	6.79	13.6
11-1	6/18/1996	17:00	30.39	7.97	45124	29.30	108.1	6.81	13.6
11-1	6/18/1996	17:15	30.41	7.97	45131	29.30	109.4	6.88	13.6
11-1	6/18/1996	17:30	30.37	7.98	45057	29.20	110.9	6.99	13.7
11-1	6/18/1996	17:45	30.37	8.00	45057	29.20	111.9	7.05	13.6
11-1	6/18/1996	18:00	30.37	8.00	44997	29.20	112.5	7.09	13.6
11-1	6/18/1996	18:15	30.33	8.02	44983	29.20	112.3	7.08	13.6
11-1	6/18/1996	18:30	30.29	8.02	44970	29.10	112.1	7.07	13.6
11-1	6/18/1996	18:45	30.27	8.02	44963	29.10	112.1	7.08	13.6
11-1	6/18/1996	19:00	30.27	8.03	44963	29.10	112.4	7.10	13.6
11-1	6/18/1996	19:15	30.25	8.03	44957	29.10	112.3	7.10	13.6
11-1	6/18/1996	19:30	30.27	8.03	44963	29.10	111.9	7.06	13.6
11-1	6/18/1996	19:45	30.29	8.04	44909	29.10	112.4	7.10	13.6
11-1	6/18/1996	20:00	30.33	8.04	44923	29.10	113.4	7.15	13.6
11-1	6/18/1996	20:15	30.35	8.05	44929	29.10	114.7	7.23	13.5
11-1	6/18/1996	20:30	30.35	8.05	44929	29.10	114.3	7.21	13.6
11-1	6/18/1996	20:45	30.35	8.05	44869	29.10	112.9	7.12	13.6
11-1	6/18/1996	21:00	30.31	8.04	44916	29.10	111.5	7.04	13.6
11-1	6/18/1996	21:15	30.33	8.04	44923	29.10	109.4	6.90	13.6
11-1	6/18/1996	21:30	30.27	8.04	44903	29.10	108.6	6.86	13.6
11-1	6/18/1996	21:45	30.29	8.03	44909	29.10	106.8	6.74	13.6
11-1	6/18/1996	22:00	30.25	8.04	44896	29.10	105.5	6.66	13.6
11-1	6/18/1996	22:15	30.23	8.03	44950	29.10	102.7	6.49	13.5
11-1	6/18/1996	22:30	30.21	8.03	44943	29.10	104.1	6.58	13.6
11-1	6/18/1996	22:45	30.17	8.02	44930	29.10	102.0	6.46	13.5
11-1	6/18/1996	23:00	30.27	8.04	44963	29.10	109.7	6.93	13.5
11-1	6/18/1996	23:15	30.25	8.04	44957	29.10	108.1	6.83	13.5
11-1	6/18/1996	23:30	30.17	8.03	44991	29.20	107.6	6.80	13.5
11-1	6/18/1996	23:45	30.05	8.02	45012	29.20	105.1	6.66	13.5
11-1	6/19/1996	0:00	30.03	8.02	45006	29.20	104.3	6.61	13.5
11-1	6/19/1996	0:15	29.97	8.01	44987	29.20	103.3	6.56	13.5
11-1	6/19/1996	0:30	29.95	8.01	45041	29.20	102.8	6.53	13.5
11-1	6/19/1996	0:45	29.91	8.01	45088	29.20	103.3	6.56	13.5
11-1	6/19/1996	1:00	29.93	8.00	45094	29.20	102.6	6.51	13.5
11-1	6/19/1996	1:15	29.97	7.99	45107	29.20	100.7	6.39	13.5
11-1	6/19/1996	1:30	29.99	7.96	45174	29.30	97.20	6.16	13.5
11-1	6/19/1996	1:45	29.91	7.98	45209	29.30	100.3	6.37	13.5
11-1	6/19/1996	2:00	29.95	7.98	45161	29.30	101.7	6.45	13.5
11-1	6/19/1996	2:15	29.95	7.97	45161	29.30	100.6	6.38	13.5
11-1	6/19/1996	2:30	29.93	7.97	45094	29.20	101.4	6.43	13.5
11-1	6/19/1996	2:45	29.93	7.97	45155	29.30	102.6	6.51	13.5
11-1	6/19/1996	3:00	29.97	7.96	45168	29.30	100.0	6.34	13.4
11-1	6/19/1996	3:15	29.93	7.95	45155	29.30	98.00	6.22	13.5
11-1	6/19/1996	3:30	29.83	7.95	45123	29.30	98.70	6.28	13.4
11-1	6/19/1996	3:45	29.81	7.95	45117	29.30	99.20	6.31	13.4
11-1	6/19/1996	4:00	29.73	7.95	45031	29.20	99.60	6.35	13.4
11-1	6/19/1996	4:15	29.71	7.95	45086	29.20	99.20	6.32	13.4
11-1	6/19/1996	4:30	29.75	7.94	45158	29.30	98.10	6.25	13.4
11-1	6/19/1996	4:45	29.69	7.94	45200	29.30	97.90	6.23	13.4

**Table 4. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
11-1	6/19/1996	5:00	29.67	7.94	45193	29.30	97.00	6.19	13.4
11-1	6/19/1996	5:15	29.63	7.94	45181	29.30	97.00	6.18	13.4
11-1	6/19/1996	5:30	29.65	7.94	45187	29.30	96.70	6.16	13.4
11-1	6/19/1996	5:45	29.53	7.95	45090	29.20	97.40	6.22	13.4
11-1	6/19/1996	6:00	29.55	7.93	45156	29.30	94.60	6.04	13.4
11-1	6/19/1996	6:15	29.65	7.93	45187	29.30	93.40	5.95	13.4
11-1	6/19/1996	6:30	29.63	7.94	45181	29.30	93.00	5.93	13.2
11-1	6/19/1996	6:45	29.47	7.95	45132	29.30	92.70	5.93	13.4
11-1	6/19/1996	7:00	29.47	7.96	45192	29.30	91.70	5.87	13.4
11-1	6/19/1996	7:15	29.49	7.96	45138	29.30	91.70	5.86	13.4
11-1	6/19/1996	7:30	29.47	7.96	45192	29.30	90.80	5.81	13.4
11-1	6/19/1996	7:45	29.47	7.96	45192	29.30	90.10	5.76	13.4
11-1	6/19/1996	8:00	29.47	7.95	45192	29.30	89.70	5.73	13.4
11-1	6/19/1996	8:15	29.45	7.96	45126	29.30	89.60	5.74	13.4
11-1	6/19/1996	8:30	29.45	7.96	45126	29.30	89.80	5.75	13.4
11-1	6/19/1996	8:45	29.37	7.96	45102	29.20	90.10	5.77	13.4
11-1	6/19/1996	9:00	29.39	7.96	45108	29.20	89.60	5.74	13.4
11-1	6/19/1996	9:15	29.49	7.95	45198	29.30	90.50	5.78	13.3
11-1	6/19/1996	9:30	29.47	7.94	45192	29.30	91.80	5.87	13.3
11-1	6/19/1996	9:45	29.47	7.92	45192	29.30	91.10	5.82	13.3
11-1	6/19/1996	10:00	29.51	7.90	45204	29.30	89.60	5.72	13.3
11-1	6/19/1996	10:15	29.53	7.90	45271	29.40	89.40	5.71	13.3
11-1	6/19/1996	10:30	29.53	7.90	45271	29.40	89.30	5.70	13.3
11-1	6/19/1996	10:45	29.53	7.90	45271	29.40	89.80	5.73	13.3
11-1	6/19/1996	11:00	29.59	7.89	45289	29.40	87.70	5.59	13.3
11-1	6/19/1996	11:15	29.65	7.89	45308	29.40	89.40	5.70	13.3
11-1	6/19/1996	11:30	29.69	7.88	45320	29.40	89.30	5.69	13.3
11-1	6/19/1996	11:45	29.75	7.89	45339	29.40	90.70	5.77	13.3
11-1	6/19/1996	12:00	29.83	7.89	45304	29.40	90.70	5.76	13.3
11-1	6/19/1996	12:15	29.85	7.89	45310	29.40	91.10	5.79	13.3
11-1	6/19/1996	12:30	29.95	7.88	45342	29.40	91.30	5.79	13.3
11-1	6/19/1996	12:45	30.09	7.88	45327	29.40	91.80	5.80	13.3
11-1	6/19/1996	13:00	30.21	7.87	45125	29.30	93.20	5.89	13.2
11-1	6/19/1996	13:15	30.25	7.88	45078	29.20	94.20	5.95	13.2
11-1	6/19/1996	13:30	30.33	7.89	44983	29.20	96.00	6.05	13.2
10-1	7/15/1996	7:15	30.62	8.06	####	30.30	95.80	5.98	13.4
10-1	7/15/1996	7:30	30.51	8.04	####	30.40	89.10	5.56	13.4
10-1	7/15/1996	7:45	30.43	8.03	####	30.50	86.20	5.39	13.4
10-1	7/15/1996	8:00	30.43	8.02	####	30.60	83.10	5.19	13.4
10-1	7/15/1996	8:15	30.49	8.03	####	30.60	84.60	5.28	13.4
10-1	7/15/1996	8:30	30.53	8.04	####	30.60	86.80	5.41	13.4
10-1	7/15/1996	8:45	30.53	8.04	####	30.60	86.80	5.41	13.3
10-1	7/15/1996	9:00	30.51	8.04	####	30.60	86.80	5.41	13.3
10-1	7/15/1996	9:15	30.58	8.03	####	30.80	89.60	5.58	13.3
10-1	7/15/1996	9:30	30.62	8.04	####	30.80	92.70	5.77	13.3
10-1	7/15/1996	9:45	30.68	8.05	####	30.80	95.90	5.96	13.3
10-1	7/15/1996	10:00	30.78	8.06	####	30.90	99.20	6.15	13.3
10-1	7/15/1996	10:15	30.88	8.07	####	30.90	101.60	6.29	13.3
10-1	7/15/1996	10:30	30.90	8.08	####	30.90	103.40	6.39	13.3

**Table 4. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
10-1	7/15/1996	10:45	30.98	8.06	####	30.90	103.60	6.40	13.4
10-1	7/15/1996	11:00	31.04	8.09	####	30.90	104.80	6.46	13.3
10-1	7/15/1996	11:15	31.11	8.09	####	30.90	105.00	6.47	13.3
10-1	7/15/1996	11:30	31.15	8.09	####	30.90	105.70	6.51	13.3
10-1	7/15/1996	11:45	31.21	8.07	####	30.90	106.70	6.57	13.3
10-1	7/15/1996	12:00	31.23	8.09	####	30.90	107.80	6.63	13.3
10-1	7/15/1996	12:15	31.25	8.10	####	30.90	108.10	6.65	13.3
10-1	7/15/1996	12:30	31.25	8.10	####	30.90	106.80	6.56	13.2
10-1	7/15/1996	12:45	31.25	8.10	####	30.90	106.10	6.52	13.2
10-1	7/15/1996	13:00	31.25	8.10	####	30.90	106.80	6.56	13.2
10-1	7/15/1996	13:15	31.25	8.11	####	30.90	109.00	6.70	13.2
10-1	7/15/1996	13:30	31.23	8.12	####	30.90	110.30	6.78	13.2
10-1	7/15/1996	13:45	31.31	8.11	####	30.90	110.40	6.78	13.2
10-1	7/15/1996	14:00	31.31	8.11	####	30.80	110.50	6.79	13.2
10-1	7/15/1996	14:15	31.35	8.11	####	30.80	110.40	6.78	13.2
10-1	7/15/1996	14:30	31.39	8.11	####	30.80	110.80	6.80	13.2
10-1	7/15/1996	14:45	31.35	8.12	####	30.70	109.10	6.70	13.2
10-1	7/15/1996	15:00	31.31	8.11	####	30.70	107.70	6.62	13.2
10-1	7/15/1996	15:15	31.31	8.11	####	30.70	106.50	6.55	13.2
10-1	7/15/1996	15:30	31.39	8.11	####	30.50	107.80	6.63	13.2
10-1	7/15/1996	15:45	31.41	8.11	####	30.50	106.50	6.55	13.2
10-1	7/15/1996	16:00	31.41	8.12	####	30.50	107.50	6.61	13.2
10-1	7/15/1996	16:15	31.46	8.12	####	30.40	109.70	6.74	13.1
10-1	7/15/1996	16:30	31.46	8.13	####	30.40	111.50	6.85	13.2
10-1	7/15/1996	16:45	31.48	8.14	####	30.40	111.80	6.87	13.1
10-1	7/15/1996	17:00	31.46	8.15	####	30.40	112.60	6.92	13.1
10-1	7/15/1996	17:15	31.46	8.15	####	30.30	114.00	7.01	13.1
10-1	7/15/1996	17:30	31.46	8.15	####	30.30	113.00	6.95	13.1
10-1	7/15/1996	17:45	31.46	8.16	####	30.10	113.10	6.96	13.1
10-1	7/15/1996	18:00	31.48	8.16	####	30.10	114.00	7.01	13.1
10-1	7/15/1996	18:15	31.48	8.16	####	30.20	115.10	7.08	13.1
10-1	7/15/1996	18:30	31.52	8.17	####	30.10	117.40	7.22	13.1
10-1	7/15/1996	18:45	31.50	8.17	####	30.10	117.80	7.25	13.1
10-1	7/15/1996	19:00	31.46	8.16	####	30.20	116.10	7.15	13.1
10-1	7/15/1996	19:15	31.41	8.16	####	30.20	113.10	6.96	13.1
10-1	7/15/1996	19:30	31.35	8.15	####	30.30	110.30	6.79	13.1
10-1	7/15/1996	19:45	31.33	8.14	####	30.40	106.50	6.56	13.1
10-1	7/15/1996	20:00	31.33	8.13	####	30.40	104.20	6.42	13.1
10-1	7/15/1996	20:15	31.33	8.13	####	30.40	102.60	6.32	13.0
10-1	7/15/1996	20:30	31.35	8.12	####	30.30	102.00	6.28	13.1
10-1	7/15/1996	20:45	31.35	8.12	####	30.30	97.70	6.02	13.1
10-1	7/15/1996	21:00	31.35	8.11	####	30.30	96.10	5.92	13.1
10-1	7/15/1996	21:15	31.33	8.13	####	30.10	100.80	6.22	13.1
10-1	7/15/1996	21:30	31.27	8.15	####	30.10	108.40	6.69	13.1
10-1	7/15/1996	21:45	31.25	8.12	####	30.10	97.40	6.02	13.1
10-1	7/15/1996	22:00	31.21	8.11	####	30.00	95.30	5.89	13.0
10-1	7/15/1996	22:15	31.15	8.10	####	30.00	92.40	5.72	13.0
10-1	7/15/1996	22:30	31.13	8.13	####	30.10	97.20	6.02	13.0
10-1	7/15/1996	22:45	31.06	8.11	####	30.10	95.60	5.92	13.1
10-1	7/15/1996	23:00	31.04	8.12	####	30.10	94.20	5.84	13.0

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**Table 4. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
10-1	7/15/1996	23:15	31.00	8.12	####	30.10	96.70	5.99	13.0
10-1	7/15/1996	23:30	30.96	8.11	####	30.20	93.40	5.80	13.0
10-1	7/15/1996	23:45	31.00	8.11	####	30.10	95.00	5.89	13.0
10-1	7/16/1996	0:00	30.94	8.09	####	30.10	89.20	5.54	13.0
10-1	7/16/1996	0:15	30.94	8.06	####	30.60	92.30	5.72	13.0
10-1	7/16/1996	0:30	30.92	8.09	####	30.70	93.00	5.76	13.0
10-1	7/16/1996	0:45	30.90	8.10	####	30.70	93.60	5.79	13.0
10-1	7/16/1996	1:00	30.88	8.09	####	30.80	93.40	5.78	13.0
10-1	7/16/1996	1:15	30.84	8.09	####	30.80	92.50	5.73	13.0
10-1	7/16/1996	1:30	30.82	8.08	####	30.80	92.20	5.71	13.0
10-1	7/16/1996	1:45	30.80	8.09	####	30.80	91.60	5.68	13.0
10-1	7/16/1996	2:00	30.76	8.09	####	30.90	90.90	5.64	13.0
10-1	7/16/1996	2:15	30.72	8.08	####	30.90	89.40	5.55	13.0
10-1	7/16/1996	2:30	30.68	8.08	####	30.90	88.30	5.48	13.0
10-1	7/16/1996	2:45	30.62	8.07	####	30.90	88.50	5.50	12.9
10-1	7/16/1996	3:00	30.60	8.07	####	30.90	88.90	5.52	13.0
10-1	7/16/1996	3:15	30.55	8.07	####	30.90	87.90	5.47	13.1
10-1	7/16/1996	3:30	30.55	8.07	####	30.90	88.90	5.53	13.0
10-1	7/16/1996	3:45	30.47	8.08	####	30.80	88.50	5.52	12.9
10-1	7/16/1996	4:00	30.45	8.08	####	30.70	87.70	5.47	12.9
10-1	7/16/1996	4:15	30.47	8.09	####	30.70	87.90	5.48	12.9
10-1	7/16/1996	4:30	30.41	8.09	####	30.70	88.10	5.50	12.9
10-1	7/16/1996	4:45	30.41	8.08	####	30.60	88.10	5.50	12.9
10-1	7/16/1996	5:00	30.41	8.09	####	30.60	88.00	5.50	12.9
10-1	7/16/1996	5:15	30.39	8.10	####	30.60	88.40	5.53	12.9
10-1	7/16/1996	5:30	30.41	8.09	####	30.70	87.70	5.47	12.9
10-1	7/16/1996	5:45	30.35	8.08	####	30.70	86.20	5.39	13.0
10-1	7/16/1996	6:00	30.37	8.08	####	30.60	86.50	5.41	12.9
10-1	7/16/1996	6:15	30.33	8.08	####	30.60	85.40	5.34	12.9
10-1	7/16/1996	6:30	30.31	8.09	####	30.50	85.30	5.34	12.9
10-1	7/16/1996	6:45	30.29	8.08	####	30.50	85.30	5.34	12.9
10-1	7/16/1996	7:00	30.25	8.08	####	30.50	82.20	5.15	12.6
10-1	7/16/1996	7:15	30.17	8.08	####	30.40	82.70	5.19	12.9
10-1	7/16/1996	7:30	30.11	8.07	####	30.30	81.00	5.09	12.9
10-1	7/16/1996	7:45	30.01	8.05	####	30.30	76.30	4.81	12.9
10-1	7/16/1996	8:00	29.93	8.04	####	30.20	74.50	4.71	12.9
10-1	7/16/1996	8:15	29.69	7.98	####	30.20	67.30	4.27	12.9
10-1	7/16/1996	8:30	30.01	8.03	####	30.40	74.80	4.71	12.9
10-1	7/16/1996	8:45	30.11	8.05	####	30.40	78.10	4.91	12.9
10-1	7/16/1996	9:00	30.15	8.06	####	30.50	79.80	5.01	12.9
10-1	7/16/1996	9:15	30.15	8.05	####	30.70	80.30	5.04	12.9
10-1	7/16/1996	9:30	30.13	8.03	####	30.80	81.00	5.07	12.9
10-1	7/16/1996	9:45	30.21	8.06	####	30.90	84.20	5.27	12.6
10-1	7/16/1996	10:00	30.35	8.08	####	30.90	89.50	5.59	12.9
10-1	7/16/1996	10:15	30.53	8.10	####	30.90	94.70	5.89	12.9
10-1	7/16/1996	10:30	30.66	8.11	####	30.90	97.70	6.07	12.8
10-1	7/16/1996	10:45	30.74	8.11	####	30.90	99.80	6.19	12.8
10-1	7/16/1996	11:00	30.80	8.12	####	30.90	99.70	6.17	12.9
10-1	7/16/1996	11:15	30.84	8.11	####	30.90	100.30	6.21	12.8
10-1	7/16/1996	11:30	30.92	8.12	####	30.90	101.10	6.25	12.9

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**Table 4. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
10-1	7/16/1996	11:45	31.00	8.12	####	30.90	101.50	6.26	12.8
10-1	7/16/1996	12:00	31.06	8.12	####	30.90	102.40	6.31	12.8
10-1	7/16/1996	12:15	31.13	8.11	####	30.90	104.00	6.41	12.8
10-1	7/16/1996	12:30	31.21	8.13	####	30.90	104.10	6.41	12.8
10-1	7/16/1996	12:45	31.25	8.11	####	30.90	103.30	6.35	12.8
10-1	7/16/1996	13:00	31.27	8.13	####	30.90	103.10	6.34	12.9
10-1	7/16/1996	13:15	31.31	8.12	####	30.80	104.50	6.42	12.8
10-1	7/16/1996	13:30	31.31	8.12	####	30.90	105.10	6.45	12.9
16-1	8/20/1996	7:45	29.37	8.02	####	28.1	71.1	4.59	12.6
16-1	8/20/1996	8:00	29.39	8.04	####	28.1	68.5	4.42	12.6
16-1	8/20/1996	8:15	29.35	8.06	####	27.9	69.3	4.48	12.6
16-1	8/20/1996	8:30	29.35	8.06	####	27.9	67.3	4.35	12.6
16-1	8/20/1996	8:45	29.35	8.06	####	27.9	66.7	4.31	12.6
16-1	8/20/1996	9:00	29.35	8.07	####	27.9	66.4	4.29	12.6
16-1	8/20/1996	9:15	29.35	8.08	####	27.7	67.9	4.39	12.6
16-1	8/20/1996	9:30	29.37	8.09	####	27.7	68.6	4.44	12.6
16-1	8/20/1996	9:45	29.37	8.09	####	27.7	68.2	4.41	12.6
16-1	8/20/1996	10:00	29.35	8.09	####	27.7	68.8	4.45	12.6
16-1	8/20/1996	10:15	29.35	8.10	####	27.6	69.9	4.53	12.6
16-1	8/20/1996	10:30	29.37	8.10	####	27.6	71.3	4.61	12.6
16-1	8/20/1996	10:45	29.37	8.11	####	27.6	73.6	4.76	12.6
16-1	8/20/1996	11:00	29.39	8.12	####	27.5	75.1	4.86	12.6
16-1	8/20/1996	11:15	29.43	8.12	####	27.5	76.3	4.94	12.6
16-1	8/20/1996	11:30	29.43	8.13	####	27.5	77.5	5.01	12.6
16-1	8/20/1996	11:45	29.47	8.14	####	27.5	79.6	5.15	12.6
16-1	8/20/1996	12:00	29.49	8.14	####	27.5	81.1	5.24	12.6
16-1	8/20/1996	12:15	29.51	8.16	####	27.4	83.6	5.40	12.6
16-1	8/20/1996	12:30	29.55	8.16	####	27.5	85.0	5.49	12.6
16-1	8/20/1996	12:45	29.61	8.16	####	27.5	87.8	5.66	12.6
16-1	8/20/1996	13:00	29.69	8.18	####	27.5	91.2	5.87	12.6
16-1	8/20/1996	13:15	29.91	8.18	####	27.6	96.4	6.18	12.6
16-1	8/20/1996	13:30	30.25	8.18	####	27.8	108.2	6.89	12.6
16-1	8/20/1996	13:45	29.91	8.22	####	27.4	108.1	6.94	12.6
16-1	8/20/1996	14:00	30.09	8.24	####	27.5	119.0	7.61	12.6
16-1	8/20/1996	14:15	29.95	8.25	####	27.3	117.2	7.52	12.6
16-1	8/20/1996	14:30	29.89	8.25	####	27.3	118.8	7.63	12.6
16-1	8/20/1996	14:45	29.89	8.26	####	27.3	119.4	7.67	12.5
16-1	8/20/1996	15:00	29.79	8.23	####	27.3	112.3	7.23	12.5
16-1	8/20/1996	15:15	29.75	8.21	####	27.3	107.8	6.95	12.5
16-1	8/20/1996	15:30	29.81	8.22	####	27.2	108.7	7.00	12.5
16-1	8/20/1996	15:45	29.83	8.20	####	27.3	107.7	6.93	12.5
16-1	8/20/1996	16:00	29.87	8.21	####	27.5	110.4	7.09	12.5
16-1	8/20/1996	16:15	29.89	8.19	####	27.6	112.6	7.22	12.5
16-1	8/20/1996	16:30	29.85	8.20	####	27.5	114.4	7.34	12.5
16-1	8/20/1996	16:45	29.89	8.21	####	27.5	114.6	7.35	12.7
16-1	8/20/1996	17:00	29.87	8.21	####	27.5	115.2	7.39	12.5
16-1	8/20/1996	17:15	29.75	8.16	####	27.9	106.7	6.85	12.5
16-1	8/20/1996	17:30	29.75	8.16	####	27.9	104.8	6.73	12.5
16-1	8/20/1996	17:45	29.73	8.16	####	27.9	107.1	6.88	12.5

**Table 4. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
16-1	8/20/1996	18:00	29.73	8.15	####	28.0	105.6	6.78	12.5
16-1	8/20/1996	18:15	29.71	8.14	####	28.1	104.5	6.70	12.5
16-1	8/20/1996	18:30	29.73	8.13	####	28.2	102.2	6.55	12.5
16-1	8/20/1996	18:45	29.73	8.13	####	28.2	101.2	6.49	12.5
16-1	8/20/1996	19:00	29.77	8.13	####	28.0	97.9	6.28	12.5
16-1	8/20/1996	19:15	29.77	8.14	####	27.9	98.5	6.32	12.5
16-1	8/20/1996	19:30	29.69	8.14	####	28.0	102.1	6.55	12.5
16-1	8/20/1996	19:45	29.63	8.15	####	28.0	101.2	6.51	12.5
16-1	8/20/1996	20:00	29.59	8.15	####	28.0	101.8	6.55	12.5
16-1	8/20/1996	20:15	29.57	8.15	####	28.0	101.3	6.52	12.5
16-1	8/20/1996	20:30	29.61	8.14	####	28.0	99.6	6.41	12.5
16-1	8/20/1996	20:45	29.63	8.14	####	28.0	97.9	6.29	12.5
16-1	8/20/1996	21:00	29.67	8.14	####	27.9	98.3	6.31	12.5
16-1	8/20/1996	21:15	29.63	8.14	####	27.9	98.4	6.33	12.5
16-1	8/20/1996	21:30	29.51	8.15	####	27.8	96.7	6.23	12.5
16-1	8/20/1996	21:45	29.45	8.15	####	27.7	94.2	6.09	12.5
16-1	8/20/1996	22:00	29.43	8.16	####	27.6	94.0	6.08	12.4
16-1	8/20/1996	22:15	29.43	8.17	####	27.6	93.6	6.05	12.4
16-1	8/20/1996	22:30	29.39	8.18	####	27.5	93.6	6.06	12.4
16-1	8/20/1996	22:45	29.37	8.19	####	27.4	93.2	6.04	12.4
16-1	8/20/1996	23:00	29.37	8.17	####	27.5	89.6	5.80	12.4
16-1	8/20/1996	23:15	29.37	8.16	####	27.5	82.2	5.32	12.4
16-1	8/20/1996	23:30	29.41	8.10	####	27.7	81.4	5.26	12.4
16-1	8/20/1996	23:45	29.23	8.13	####	27.6	83.6	5.42	12.4
16-1	8/21/1996	0:00	29.17	8.17	####	27.4	85.8	5.57	12.4
16-1	8/21/1996	0:15	29.17	8.17	####	27.4	84.5	5.49	12.4
16-1	8/21/1996	0:30	29.15	8.17	####	27.4	82.3	5.35	12.4
16-1	8/21/1996	0:45	29.15	8.15	####	27.4	80.4	5.22	12.2
16-1	8/21/1996	1:00	29.13	8.14	####	27.5	78.0	5.07	12.4
16-1	8/21/1996	1:15	29.13	8.13	####	27.5	77.9	5.06	12.4
16-1	8/21/1996	1:30	29.09	8.12	####	27.5	75.3	4.90	12.4
16-1	8/21/1996	1:45	29.11	8.11	####	27.5	73.6	4.79	12.4
16-1	8/21/1996	2:00	29.15	8.11	####	27.6	73.5	4.78	12.4
16-1	8/21/1996	2:15	29.07	8.11	####	27.8	78.3	5.09	12.4
16-1	8/21/1996	2:30	29.03	8.09	####	28.0	79.5	5.16	12.4
16-1	8/21/1996	2:45	29.05	8.09	####	28.1	77.9	5.05	12.4
16-1	8/21/1996	3:00	29.01	8.08	####	28.1	76.9	5.00	12.4
16-1	8/21/1996	3:15	28.99	8.07	####	28.1	75.2	4.88	12.4
16-1	8/21/1996	3:30	28.99	8.07	####	28.2	74.0	4.80	12.4
16-1	8/21/1996	3:45	28.99	8.06	####	28.3	74.5	4.83	12.4
16-1	8/21/1996	4:00	28.95	8.06	####	28.3	74.1	4.81	12.4
16-1	8/21/1996	4:15	28.92	8.06	####	28.3	74.3	4.83	12.4
16-1	8/21/1996	4:30	28.80	8.05	####	28.4	73.6	4.79	12.4
16-1	8/21/1996	4:45	28.74	8.05	####	28.4	73.0	4.75	12.4
16-1	8/21/1996	5:00	28.70	8.03	####	28.6	70.5	4.59	12.4
16-1	8/21/1996	5:15	28.70	8.03	####	28.7	73.0	4.75	12.4
16-1	8/21/1996	5:30	28.72	8.02	####	28.8	70.7	4.59	12.4
16-1	8/21/1996	5:45	28.70	8.02	####	28.8	69.6	4.53	12.4
16-1	8/21/1996	6:00	28.68	8.01	####	28.8	67.1	4.37	12.4
16-1	8/21/1996	6:15	28.68	8.00	####	28.8	62.5	4.06	12.4

**Table 4. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
16-1	8/21/1996	6:30	28.68	7.99	####	28.8	61.5	4.00	12.4
16-1	8/21/1996	6:45	28.70	7.99	####	28.8	58.7	3.81	12.4
16-1	8/21/1996	7:00	28.70	7.99	####	28.8	58.1	3.78	12.3
16-1	8/21/1996	7:15	28.64	7.99	####	28.6	62.1	4.05	12.3
16-1	8/21/1996	7:30	28.56	8.02	####	28.5	67.7	4.42	12.3
16-1	8/21/1996	7:45	28.52	8.03	####	28.5	70.0	4.57	12.4
16-1	8/21/1996	8:00	28.52	8.03	####	28.5	70.4	4.60	12.4
16-1	8/21/1996	8:15	28.58	8.03	####	28.6	69.8	4.55	12.3
16-1	8/21/1996	8:30	28.58	8.03	####	28.5	69.8	4.56	12.3
16-1	8/21/1996	8:45	28.50	8.04	####	28.5	71.3	4.66	12.3
16-1	8/21/1996	9:00	28.43	8.04	####	28.3	68.6	4.49	12.3
16-1	8/21/1996	9:15	28.44	8.05	####	28.2	67.8	4.44	12.3
16-1	8/21/1996	9:30	28.43	8.06	####	28.0	67.1	4.40	12.3
16-1	8/21/1996	9:45	28.43	8.07	####	27.9	67.2	4.41	12.3
16-1	8/21/1996	10:00	28.44	8.08	####	27.9	68.6	4.50	12.3
16-1	8/21/1996	10:15	28.48	8.09	####	27.9	69.0	4.52	12.3
16-1	8/21/1996	10:30	28.48	8.10	####	27.8	70.5	4.62	12.3
16-1	8/21/1996	10:45	28.54	8.10	####	27.8	72.2	4.73	12.3
16-1	8/21/1996	11:00	28.60	8.12	####	27.7	73.7	4.83	12.3
16-1	8/21/1996	11:15	28.66	8.12	####	27.7	75.5	4.94	12.3
16-1	8/21/1996	11:30	28.72	8.13	####	27.7	78.9	5.16	12.4
16-1	8/21/1996	11:45	28.76	8.14	####	27.6	81.7	5.34	12.3
16-1	8/21/1996	12:00	28.82	8.15	####	27.6	85.2	5.56	12.3
16-1	8/21/1996	12:15	28.92	8.16	####	27.6	89.4	5.83	12.3
16-1	8/21/1996	12:30	29.01	8.19	####	27.6	93.3	6.07	12.3
LB-4	9/24/1996	8:45	27.90	8.17	####	27.2	106.1	7.09	11.7
LB-4	9/24/1996	9:00	28.02	8.20	####	27.2	107.7	7.18	11.8
LB-4	9/24/1996	9:15	28.17	8.21	####	27.3	110.5	7.34	11.9
LB-4	9/24/1996	9:30	28.25	8.22	####	27.3	111.4	7.39	11.9
LB-4	9/24/1996	9:45	28.27	8.22	####	27.3	110.5	7.33	11.9
LB-4	9/24/1996	10:00	28.21	8.22	####	27.3	112.3	7.46	11.9
LB-4	9/24/1996	10:15	28.19	8.22	####	27.3	112.6	7.48	11.8
LB-4	9/24/1996	10:30	28.19	8.22	####	27.3	111.5	7.41	11.8
LB-4	9/24/1996	10:45	28.19	8.23	####	27.3	112.0	7.44	11.8
LB-4	9/24/1996	11:00	28.19	8.23	####	27.3	113.5	7.54	11.8
LB-4	9/24/1996	11:15	28.23	8.23	####	27.3	114.5	7.60	11.8
LB-4	9/24/1996	11:30	28.23	8.24	####	27.3	115.5	7.67	11.8
LB-4	9/24/1996	11:45	28.25	8.24	####	27.2	116.6	7.74	11.8
LB-4	9/24/1996	12:00	28.23	8.27	####	27.2	117.9	7.83	11.8
LB-4	9/24/1996	12:15	28.27	8.24	####	27.2	119.5	7.93	11.8
LB-4	9/24/1996	12:30	28.33	8.24	####	27.2	121.5	8.06	11.8
LB-4	9/24/1996	12:45	28.43	8.24	####	27.3	123.7	8.19	11.8
LB-4	9/24/1996	13:00	28.46	8.26	####	27.2	125.4	8.30	11.8
LB-4	9/24/1996	13:15	28.52	8.25	####	27.2	126.8	8.38	11.8
LB-4	9/24/1996	13:30	28.56	8.25	####	27.2	129.0	8.52	11.7
LB-4	9/24/1996	13:45	28.58	8.26	####	27.2	129.9	8.57	11.8
LB-4	9/24/1996	14:00	28.76	8.27	####	27.2	134.5	8.85	11.7
LB-4	9/24/1996	14:15	28.94	8.27	####	27.2	137.5	9.02	11.7
LB-4	9/24/1996	14:30	29.13	8.28	####	27.2	141.5	9.25	11.7

**Table 4. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
LB-4	9/24/1996	14:45	29.31	8.27	####	27.1	140.1	9.14	11.7
LB-4	9/24/1996	15:00	29.37	8.27	####	27.1	140.3	9.14	11.7
LB-4	9/24/1996	15:15	29.45	8.27	####	27.1	140.0	9.11	11.7
LB-4	9/24/1996	15:30	29.57	8.28	####	27.1	140.4	9.12	11.7
LB-4	9/24/1996	15:45	29.59	8.28	####	27.1	142.2	9.23	11.7
LB-4	9/24/1996	16:00	29.63	8.29	####	27.1	145.2	9.42	11.7
LB-4	9/24/1996	16:15	29.67	8.29	####	27.0	147.6	9.57	11.7
LB-4	9/24/1996	16:30	29.73	8.30	####	27.0	148.9	9.65	11.7
LB-4	9/24/1996	16:45	29.71	8.30	####	27.0	151.7	9.83	11.7
LB-4	9/24/1996	17:00	29.75	8.30	####	27.0	153.4	9.93	11.7
LB-4	9/24/1996	17:15	29.73	8.31	####	27.0	155.9	10.10	11.7
LB-4	9/24/1996	17:30	29.75	8.31	####	27.0	157.5	10.20	11.7
LB-4	9/24/1996	17:45	29.75	8.32	####	27.0	161.5	10.46	11.7
LB-4	9/24/1996	18:00	29.73	8.32	####	27.0	164.7	10.67	11.7
LB-4	9/24/1996	18:15	29.73	8.32	####	27.0	164.5	10.66	11.7
LB-4	9/24/1996	18:30	29.69	8.32	####	27.0	164.3	10.66	11.7
LB-4	9/24/1996	18:45	29.57	8.32	####	27.0	165.8	10.78	11.7
LB-4	9/24/1996	19:00	29.53	8.34	####	27.0	164.5	10.69	11.7
LB-4	9/24/1996	19:15	29.47	8.32	####	27.0	164.6	10.72	11.6
LB-4	9/24/1996	19:30	29.43	8.31	####	27.0	164.1	10.69	11.6
LB-4	9/24/1996	19:45	29.43	8.32	####	27.0	163.2	10.63	11.6
LB-4	9/24/1996	20:00	29.03	8.34	####	26.9	172.3	11.30	11.6
LB-4	9/24/1996	20:15	29.01	8.33	####	26.6	172.2	11.32	11.6
LB-4	9/24/1996	20:30	28.95	8.33	####	26.8	168.7	11.10	11.6
LB-4	9/24/1996	20:45	28.90	8.36	####	26.9	165.9	10.91	11.6
LB-4	9/24/1996	21:00	29.03	8.32	####	26.9	162.4	10.66	11.6
LB-4	9/24/1996	21:15	29.03	8.31	####	27.0	159.9	10.48	11.6
LB-4	9/24/1996	21:30	28.99	8.32	####	27.1	158.4	10.39	11.6
LB-4	9/24/1996	21:45	28.94	8.33	####	27.1	157.2	10.32	11.6
LB-4	9/24/1996	22:00	28.88	8.34	####	27.1	157.2	10.33	11.6
LB-4	9/24/1996	22:15	28.84	8.31	####	27.1	155.6	10.23	11.6
LB-4	9/24/1996	22:30	28.80	8.32	####	27.1	154.1	10.14	11.6
LB-4	9/24/1996	22:45	28.80	8.31	####	27.1	152.1	10.00	11.6
LB-4	9/24/1996	23:00	28.74	8.31	####	27.1	151.8	9.99	11.5
LB-4	9/24/1996	23:15	28.76	8.31	####	27.1	151.5	9.97	11.5
LB-4	9/24/1996	23:30	28.70	8.30	####	27.2	148.1	9.76	11.5
LB-4	9/24/1996	23:45	28.66	8.30	####	27.2	145.8	9.61	11.5
LB-4	9/25/1996	0:00	28.62	8.29	####	27.2	144.3	9.52	11.5
LB-4	9/25/1996	0:15	28.60	8.28	####	27.2	139.2	9.18	11.5
LB-4	9/25/1996	0:30	28.54	8.29	####	27.2	137.9	9.11	11.5
LB-4	9/25/1996	0:45	28.50	8.27	####	27.3	135.6	8.96	11.5
LB-4	9/25/1996	1:00	28.46	8.26	####	27.3	129.8	8.58	11.5
LB-4	9/25/1996	1:15	28.35	8.26	####	27.3	127.9	8.47	11.5
LB-4	9/25/1996	1:30	28.35	8.26	####	27.3	126.9	8.40	11.5
LB-4	9/25/1996	1:45	28.33	8.26	####	27.3	127.9	8.47	11.5
LB-4	9/25/1996	2:00	28.31	8.26	####	27.3	126.8	8.40	11.5
LB-4	9/25/1996	2:15	28.29	8.26	####	27.3	129.3	8.58	11.5
LB-4	9/25/1996	2:30	28.27	8.26	####	27.3	128.0	8.49	11.4
LB-4	9/25/1996	2:45	28.25	8.26	####	27.3	126.8	8.41	11.5
LB-4	9/25/1996	3:00	28.19	8.27	####	27.3	129.9	8.63	11.4

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During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
LB-4	9/25/1996	3:15	28.11	8.27	####	27.3	130.8	8.70	11.4
LB-4	9/25/1996	3:30	28.13	8.27	####	27.2	130.7	8.69	11.4
LB-4	9/25/1996	3:45	28.00	8.27	####	27.3	125.7	8.38	11.4
LB-4	9/25/1996	4:00	27.88	8.26	####	27.2	125.5	8.38	11.4
LB-4	9/25/1996	4:15	27.86	8.26	####	27.2	123.4	8.24	11.4
LB-4	9/25/1996	4:30	27.94	8.26	####	27.2	120.9	8.07	11.4
LB-4	9/25/1996	4:45	27.82	8.25	####	27.2	117.9	7.89	11.4
LB-4	9/25/1996	5:00	27.82	8.24	####	27.1	115.2	7.71	11.4
LB-4	9/25/1996	5:15	27.59	8.24	####	27.0	113.9	7.66	11.4
LB-4	9/25/1996	5:30	27.48	8.23	####	27.0	112.6	7.59	11.3
LB-4	9/25/1996	5:45	27.46	8.22	####	26.9	110.2	7.43	11.4
LB-4	9/25/1996	6:00	27.50	8.22	####	26.9	109.4	7.38	11.3
LB-4	9/25/1996	6:15	27.40	8.22	####	26.9	109.1	7.36	11.4
LB-4	9/25/1996	6:30	27.42	8.22	####	26.9	110.1	7.43	11.3
LB-4	9/25/1996	6:45	27.42	8.22	####	27.0	108.8	7.34	11.3
LB-4	9/25/1996	7:00	27.34	8.22	####	26.9	109.5	7.40	11.3
LB-4	9/25/1996	7:15	27.30	8.21	####	26.9	105.7	7.14	11.3
LB-4	9/25/1996	7:30	27.26	8.21	####	27.0	104.5	7.07	11.3
LB-4	9/25/1996	7:45	27.25	8.22	####	27.0	105.2	7.11	11.3
LB-4	9/25/1996	8:00	27.17	8.22	####	27.0	106.0	7.18	11.3
LB-4	9/25/1996	8:15	27.17	8.22	####	27.0	107.2	7.26	11.2
LB-4	9/25/1996	8:30	27.23	8.22	####	27.1	105.1	7.11	11.3
LB-4	9/25/1996	8:45	27.23	8.22	####	27.1	105.7	7.14	11.2
LB-4	9/25/1996	9:00	27.25	8.25	####	27.1	107.4	7.26	11.2
LB-4	9/25/1996	9:15	27.25	8.23	####	27.2	110.7	7.48	11.2
LB-4	9/25/1996	9:30	27.32	8.23	####	27.2	112.6	7.60	11.2
LB-4	9/25/1996	9:45	27.34	8.24	####	27.2	114.8	7.74	11.2
LB-4	9/25/1996	10:00	27.38	8.26	####	27.2	116.4	7.84	11.2
LB-4	9/25/1996	10:15	27.44	8.24	####	27.3	113.5	7.64	11.2
LB-4	9/25/1996	10:30	27.50	8.24	####	27.3	115.2	7.74	11.2
LB-4	9/25/1996	10:45	27.57	8.25	####	27.4	117.8	7.90	11.2
LB-4	9/25/1996	11:00	27.63	8.24	####	27.4	120.7	8.09	11.2
LB-4	9/25/1996	11:15	27.67	8.25	####	27.4	119.7	8.02	11.2
LB-4	9/25/1996	11:30	27.71	8.25	####	27.4	121.2	8.11	11.2
LB-4	9/25/1996	11:45	27.80	8.25	####	27.4	123.3	8.24	11.2
LB-4	9/25/1996	12:00	27.84	8.25	####	27.4	126.4	8.44	11.2
LB-4	9/25/1996	12:15	27.86	8.27	####	27.5	126.8	8.46	11.2
LB-4	9/25/1996	12:30	27.92	8.26	####	27.5	128.4	8.56	11.1
ML-1	10/22/1996	12:00	22.97	7.10	1305	0.7	90.00	7.69	14.5
ML-1	10/22/1996	12:15	22.99	7.12	1423	0.8	83.80	7.15	14.4
ML-1	10/22/1996	12:30	23.11	7.13	1461	0.8	82.90	7.06	14.4
ML-1	10/22/1996	12:45	23.17	7.16	1536	0.8	83.70	7.12	14.4
ML-1	10/22/1996	13:00	23.24	7.16	1615	0.9	82.90	7.04	14.4
ML-1	10/22/1996	13:15	23.36	7.09	1823	1.0	83.60	7.08	14.3
ML-1	10/22/1996	13:30	23.47	7.21	1989	1.1	83.60	7.05	14.4
ML-1	10/22/1996	13:45	23.53	7.23	2111	1.1	83.40	7.03	14.4
ML-1	10/22/1996	14:00	23.64	7.24	2242	1.2	83.60	7.03	14.4
ML-1	10/22/1996	14:15	23.69	7.25	2329	1.2	83.40	7.01	14.3
ML-1	10/22/1996	14:30	23.74	7.25	2373	1.3	83.50	7.00	14.2

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During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
ML-1	10/22/1996	14:45	23.76	7.26	2391	1.3	83.80	7.02	14.3
ML-1	10/22/1996	15:00	23.87	7.25	2226	1.2	83.70	7.01	14.3
ML-1	10/22/1996	15:15	23.96	7.18	1914	1.0	83.60	6.99	14.3
ML-1	10/22/1996	15:30	24.09	7.22	1819	1.0	83.40	6.96	14.3
ML-1	10/22/1996	15:45	23.98	7.19	1566	0.8	83.40	6.99	14.3
ML-1	10/22/1996	16:00	24.05	7.19	1610	0.9	83.70	6.99	14.0
ML-1	10/22/1996	16:15	24.13	7.19	1549	0.8	84.50	7.06	14.3
ML-1	10/22/1996	16:30	24.22	7.19	1515	0.8	84.50	7.04	14.3
ML-1	10/22/1996	16:45	24.11	7.17	1403	0.7	84.20	7.04	14.2
ML-1	10/22/1996	17:00	24.18	7.16	1354	0.7	83.50	6.98	14.2
ML-1	10/22/1996	17:15	24.11	7.16	1342	0.7	83.20	6.96	14.2
ML-1	10/22/1996	17:30	24.09	7.15	1250	0.7	83.00	6.94	14.3
ML-1	10/22/1996	17:45	24.13	7.14	1156	0.6	83.00	6.94	14.2
ML-1	10/22/1996	18:00	24.09	7.13	1058	0.6	83.10	6.95	14.2
ML-1	10/22/1996	18:15	24.04	7.13	1067	0.6	82.90	6.95	14.2
ML-1	10/22/1996	18:30	24.11	7.11	789	0.4	83.30	6.98	14.2
ML-1	10/22/1996	18:45	24.07	7.11	780	0.4	83.20	6.98	14.1
ML-1	10/22/1996	19:00	24.04	7.11	727	0.4	83.30	6.99	14.2
ML-1	10/22/1996	19:15	23.96	7.11	752	0.4	82.80	6.95	14.1
ML-1	10/22/1996	19:30	24.00	7.13	740	0.4	83.80	7.04	14.2
ML-1	10/22/1996	19:45	23.89	7.09	661	0.3	82.20	6.92	14.2
ML-1	10/22/1996	20:00	23.83	7.09	629	0.3	82.20	6.93	14.1
ML-1	10/22/1996	20:15	23.83	7.08	627	0.3	81.70	6.89	14.1
ML-1	10/22/1996	20:30	23.73	7.08	522	0.3	81.70	6.90	14.1
ML-1	10/22/1996	20:45	23.71	7.09	571	0.3	81.40	6.88	14.1
ML-1	10/22/1996	21:00	23.69	7.08	554	0.3	81.10	6.86	14.1
ML-1	10/22/1996	21:15	23.64	7.08	491	0.2	81.40	6.89	14.1
ML-1	10/22/1996	21:30	23.62	7.08	470	0.2	81.70	6.92	14.1
ML-1	10/22/1996	21:45	23.62	7.08	474	0.2	81.40	6.89	14.1
ML-1	10/22/1996	22:00	23.58	7.07	457	0.2	81.80	6.93	14.1
ML-1	10/22/1996	22:15	23.56	7.08	440	0.2	81.90	6.94	14.1
ML-1	10/22/1996	22:30	23.58	7.06	442	0.2	81.80	6.93	14.1
ML-1	10/22/1996	22:45	23.60	7.07	468	0.2	81.40	6.89	14.1
ML-1	10/22/1996	23:00	23.58	7.06	487	0.2	80.90	6.85	14.0
ML-1	10/22/1996	23:15	23.56	7.07	485	0.2	80.30	6.80	14.0
ML-1	10/22/1996	23:30	23.54	7.07	507	0.3	80.10	6.79	14.0
ML-1	10/22/1996	23:45	23.53	7.08	561	0.3	79.70	6.75	14.0
ML-1	10/23/1996	0:00	23.60	7.07	707	0.4	78.80	6.66	14.0
ML-1	10/23/1996	0:15	23.71	7.07	1042	0.5	77.60	6.54	14.0
ML-1	10/23/1996	0:30	23.73	7.09	1184	0.6	77.70	6.55	14.0
ML-1	10/23/1996	0:45	23.73	7.10	1271	0.7	77.70	6.55	14.0
ML-1	10/23/1996	1:00	23.80	7.11	1548	0.8	77.40	6.50	14.0
ML-1	10/23/1996	1:15	23.82	7.12	1635	0.9	77.20	6.48	14.0
ML-1	10/23/1996	1:30	23.82	7.13	1661	0.9	77.40	6.50	14.0
ML-1	10/23/1996	1:45	23.83	7.13	1739	0.9	77.50	6.50	14.0
ML-1	10/23/1996	2:00	23.83	7.15	1835	1.0	77.90	6.53	14.0
ML-1	10/23/1996	2:15	23.85	7.16	1913	1.0	78.40	6.57	14.0
ML-1	10/23/1996	2:30	23.85	7.18	1991	1.1	78.60	6.59	14.0
ML-1	10/23/1996	2:45	23.83	7.18	2087	1.1	78.60	6.59	13.9
ML-1	10/23/1996	3:00	23.82	7.19	2191	1.2	78.90	6.61	13.9

**Table 4. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
ML-1	10/23/1996	3:15	23.82	7.20	2296	1.2	78.60	6.58	13.9
ML-1	10/23/1996	3:30	23.80	7.21	2391	1.3	78.10	6.54	14.1
ML-1	10/23/1996	3:45	23.78	7.21	2417	1.3	77.60	6.50	13.9
ML-1	10/23/1996	4:00	23.78	7.21	2408	1.3	78.00	6.54	13.9
ML-1	10/23/1996	4:15	23.76	7.21	2382	1.3	78.00	6.54	13.9
ML-1	10/23/1996	4:30	23.71	7.20	2182	1.2	78.20	6.57	13.9
ML-1	10/23/1996	4:45	23.62	7.18	2033	1.1	77.80	6.55	13.9
ML-1	10/23/1996	5:00	23.60	7.18	1903	1.0	76.80	6.47	13.9
ML-1	10/23/1996	5:15	23.51	7.18	1868	1.0	77.10	6.51	13.9
ML-1	10/23/1996	5:30	23.49	7.16	1737	0.9	77.00	6.51	13.9
ML-1	10/23/1996	5:45	23.42	7.15	1598	0.8	77.10	6.52	13.9
ML-1	10/23/1996	6:00	23.38	7.12	1494	0.8	76.80	6.50	13.9
ML-1	10/23/1996	6:15	23.42	7.04	1598	0.8	76.10	6.43	13.9
ML-1	10/23/1996	6:30	23.35	7.02	1449	0.8	75.70	6.42	13.9
ML-1	10/23/1996	6:45	23.20	7.09	1267	0.7	75.30	6.40	13.9
ML-1	10/23/1996	7:00	23.11	7.10	1151	0.6	74.70	6.36	13.9
ML-1	10/23/1996	7:15	23.06	7.07	1001	0.5	74.60	6.37	13.9
ML-1	10/23/1996	7:30	22.99	7.08	989	0.5	74.70	6.39	13.8
ML-1	10/23/1996	7:45	22.93	7.06	871	0.5	74.50	6.38	13.8
ML-1	10/23/1996	8:00	22.82	6.94	804	0.4	74.40	6.38	13.9
ML-1	10/23/1996	8:15	22.70	7.05	617	0.3	74.20	6.39	13.8
ML-1	10/23/1996	8:30	22.77	7.06	726	0.4	73.30	6.30	13.8
ML-1	10/23/1996	8:45	22.70	7.02	723	0.4	73.30	6.30	13.8
ML-1	10/23/1996	9:00	22.73	7.06	700	0.4	73.10	6.28	13.7
ML-1	10/23/1996	9:15	22.68	7.05	634	0.3	73.30	6.31	13.8
ML-1	10/23/1996	9:30	22.68	7.03	597	0.3	73.10	6.29	13.8
ML-1	10/23/1996	9:45	22.70	7.01	654	0.3	72.80	6.27	13.8
ML-1	10/23/1996	10:00	22.63	7.00	527	0.3	72.80	6.27	13.8
ML-1	10/23/1996	10:15	22.72	7.03	670	0.3	72.70	6.25	13.8
ML-1	10/23/1996	10:30	22.66	7.02	508	0.3	72.60	6.25	13.8
ML-1	10/23/1996	10:45	22.70	7.03	545	0.3	72.50	6.24	13.8
ML-1	10/23/1996	11:00	22.64	7.00	385	0.2	72.40	6.24	13.8
ML-1	10/23/1996	11:15	22.77	7.02	497	0.3	72.60	6.24	13.8
ML-1	10/23/1996	11:30	22.81	7.03	526	0.3	72.00	6.19	13.8
ML-1	10/23/1996	11:45	22.75	7.02	461	0.2	71.50	6.15	13.7
ML-1	10/23/1996	12:00	22.90	7.02	470	0.2	71.60	6.15	13.7
ML-1	10/23/1996	12:15	23.08	7.03	498	0.3	71.40	6.11	13.7
ML-1	10/23/1996	12:30	23.15	7.03	654	0.3	71.10	6.07	13.7
13-5	11/19/1996	7:15	20.69	7.86	####	28.50	135.00	10.17	13.1
13-5	11/19/1996	7:30	20.71	7.91	####	28.90	129.10	9.69	13.2
13-5	11/19/1996	7:45	20.69	7.89	####	29.00	124.80	9.37	13.3
13-5	11/19/1996	8:00	20.71	7.89	####	29.10	122.60	9.20	13.3
13-5	11/19/1996	8:15	20.71	7.92	####	29.00	125.50	9.42	13.3
13-5	11/19/1996	8:30	20.71	7.93	####	29.00	126.50	9.50	13.3
13-5	11/19/1996	8:45	20.67	7.93	####	29.00	127.30	9.56	13.3
13-5	11/19/1996	9:00	20.69	7.92	####	29.00	125.60	9.43	13.5
13-5	11/19/1996	9:15	20.73	7.91	####	29.00	122.00	9.16	13.4
13-5	11/19/1996	9:30	20.71	7.93	####	29.00	126.90	9.53	13.3
13-5	11/19/1996	9:45	20.76	7.95	####	29.10	127.60	9.56	13.4

**Table 4. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
13-5	11/19/1996	10:00	20.78	7.94	####	29.10	126.00	9.44	13.4
13-5	11/19/1996	10:15	20.81	7.95	####	29.00	127.90	9.58	13.4
13-5	11/19/1996	10:30	20.86	7.95	####	29.00	128.40	9.61	13.4
13-5	11/19/1996	10:45	20.86	7.96	####	29.00	128.90	9.65	13.3
13-5	11/19/1996	11:00	20.88	7.99	####	28.90	132.70	9.94	13.4
13-5	11/19/1996	11:15	20.92	8.00	####	28.90	136.10	10.19	13.4
13-5	11/19/1996	11:30	21.00	8.01	####	28.80	139.10	10.40	13.4
13-5	11/19/1996	11:45	21.09	8.02	####	28.80	140.80	10.50	13.4
13-5	11/19/1996	12:00	21.16	8.03	####	28.80	142.70	10.63	13.4
13-5	11/19/1996	12:15	21.27	8.04	####	28.80	147.50	10.97	13.4
13-5	11/19/1996	12:30	21.33	8.05	####	28.80	148.90	11.06	13.4
13-5	11/19/1996	12:45	21.42	8.04	####	28.70	147.40	10.94	13.4
13-5	11/19/1996	13:00	21.48	8.04	####	28.70	149.70	11.09	13.4
13-5	11/19/1996	13:15	21.57	8.04	####	28.70	146.90	10.87	13.4
13-5	11/19/1996	13:30	21.62	8.05	####	28.70	148.40	10.96	13.3
13-5	11/19/1996	13:45	21.71	8.05	####	28.70	149.40	11.03	13.3
13-5	11/19/1996	14:00	21.74	8.07	####	28.70	151.50	11.17	13.3
13-5	11/19/1996	14:15	21.84	8.07	####	28.70	152.70	11.24	13.4
13-5	11/19/1996	14:30	21.93	8.08	####	28.70	155.10	11.39	13.4
13-5	11/19/1996	14:45	21.87	8.08	####	28.70	156.50	11.52	13.3
13-5	11/19/1996	15:00	21.95	8.08	####	28.70	156.20	11.47	13.4
13-5	11/19/1996	15:15	21.99	8.09	####	28.70	156.80	11.51	13.3
13-5	11/19/1996	15:30	22.07	8.09	####	28.70	157.20	11.52	13.4
13-5	11/19/1996	15:45	22.06	8.09	####	28.70	158.70	11.64	13.2
13-5	11/19/1996	16:00	22.07	8.09	####	28.60	158.90	11.65	13.3
13-5	11/19/1996	16:15	22.06	8.09	####	28.60	158.70	11.64	13.3
13-5	11/19/1996	16:30	22.13	8.10	####	28.60	161.60	11.84	13.3
13-5	11/19/1996	16:45	22.18	8.13	####	28.70	169.00	12.36	13.3
13-5	11/19/1996	17:00	22.15	8.15	####	28.70	177.00	12.95	13.3
13-5	11/19/1996	17:15	22.09	8.15	####	28.70	179.60	13.16	13.3
13-5	11/19/1996	17:30	22.00	8.13	####	28.70	171.20	12.56	13.3
13-5	11/19/1996	17:45	21.94	8.11	####	28.70	163.00	11.98	13.3
13-5	11/19/1996	18:00	21.92	8.11	####	28.70	161.00	11.83	13.3
13-5	11/19/1996	18:15	21.90	8.11	####	28.70	161.10	11.85	13.3
13-5	11/19/1996	18:30	21.76	8.13	####	28.80	170.80	12.59	13.3
13-5	11/19/1996	18:45	21.71	8.11	####	28.80	164.80	12.16	13.3
13-5	11/19/1996	19:00	21.65	8.05	####	28.80	150.90	11.14	13.3
13-5	11/19/1996	19:15	21.66	8.04	####	28.80	145.40	10.73	13.4
13-5	11/19/1996	19:30	21.74	8.03	####	28.80	142.30	10.48	13.3
13-5	11/19/1996	19:45	21.95	8.03	####	29.00	143.40	10.51	13.2
13-5	11/19/1996	20:00	21.96	8.03	####	28.90	143.10	10.50	13.3
13-5	11/19/1996	20:15	21.92	8.03	####	28.90	144.10	10.58	13.3
13-5	11/19/1996	20:30	21.90	8.03	####	29.00	143.60	10.54	13.3
13-5	11/19/1996	20:45	21.83	8.03	####	28.90	143.30	10.54	13.3
13-5	11/19/1996	21:00	22.02	8.02	####	28.90	141.90	10.40	13.3
13-5	11/19/1996	21:15	22.06	8.01	####	29.10	142.90	10.45	13.3
13-5	11/19/1996	21:30	22.04	8.01	####	29.10	143.30	10.48	13.3
13-5	11/19/1996	21:45	22.02	8.01	####	29.10	141.90	10.38	13.3
13-5	11/19/1996	22:00	21.99	8.01	####	29.20	139.80	10.23	13.3
13-5	11/19/1996	22:15	21.97	8.00	####	29.20	139.50	10.21	13.3

**Table 4. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
13-5	11/19/1996	22:30	21.93	8.00	####	29.20	139.80	10.24	13.2
13-5	11/19/1996	22:45	21.94	8.00	####	29.20	138.20	10.12	13.3
13-5	11/19/1996	23:00	21.95	8.01	####	29.20	138.80	10.17	13.3
13-5	11/19/1996	23:15	21.95	8.01	####	29.20	139.30	10.20	13.3
13-5	11/19/1996	23:30	21.95	8.00	####	29.20	138.80	10.17	13.3
13-5	11/19/1996	23:45	21.91	8.01	####	29.10	140.80	10.32	13.2
13-5	11/20/1996	0:00	21.79	8.03	####	28.90	140.80	10.36	13.3
13-5	11/20/1996	0:15	21.81	8.03	####	28.90	140.80	10.36	13.3
13-5	11/20/1996	0:30	21.81	8.03	####	28.90	140.00	10.30	13.2
13-5	11/20/1996	0:45	21.77	8.04	####	28.80	139.30	10.25	13.2
13-5	11/20/1996	1:00	21.75	8.03	####	28.80	138.60	10.21	13.2
13-5	11/20/1996	1:15	21.71	8.04	####	28.80	138.70	10.23	13.2
13-5	11/20/1996	1:30	21.69	8.04	####	28.80	138.30	10.20	13.2
13-5	11/20/1996	1:45	21.69	8.04	####	28.80	138.30	10.20	13.2
13-5	11/20/1996	2:00	21.70	8.04	####	28.80	137.50	10.14	13.2
13-5	11/20/1996	2:15	21.70	8.04	####	28.80	136.60	10.08	13.2
13-5	11/20/1996	2:30	21.71	8.04	####	28.80	135.30	9.98	13.2
13-5	11/20/1996	2:45	21.71	8.04	####	28.80	135.10	9.97	13.2
13-5	11/20/1996	3:00	21.71	8.04	####	28.80	135.00	9.96	13.2
13-5	11/20/1996	3:15	21.71	8.04	####	28.80	134.80	9.94	13.2
13-5	11/20/1996	3:30	21.68	8.04	####	28.80	134.50	9.92	13.2
13-5	11/20/1996	3:45	21.67	8.04	####	28.80	134.40	9.92	13.2
13-5	11/20/1996	4:00	21.66	8.04	####	28.80	134.40	9.92	13.2
13-5	11/20/1996	4:15	21.66	8.04	####	28.80	134.10	9.90	13.2
13-5	11/20/1996	4:30	21.65	8.04	####	28.70	133.00	9.82	13.2
13-5	11/20/1996	4:45	21.64	8.04	####	28.70	132.10	9.76	13.2
13-5	11/20/1996	5:00	21.62	8.04	####	28.70	133.60	9.87	13.2
13-5	11/20/1996	5:15	21.65	8.04	####	28.70	132.50	9.79	13.2
13-5	11/20/1996	5:30	21.54	8.04	####	28.70	132.70	9.82	13.3
13-5	11/20/1996	5:45	21.53	8.03	####	28.70	130.80	9.68	13.2
13-5	11/20/1996	6:00	21.55	8.03	####	28.80	129.80	9.60	13.2
13-5	11/20/1996	6:15	21.52	8.02	####	28.80	128.50	9.51	13.2
13-5	11/20/1996	6:30	21.50	8.02	####	28.80	128.30	9.50	13.2
13-5	11/20/1996	6:45	21.52	8.02	####	28.80	127.20	9.42	13.3
13-5	11/20/1996	7:00	21.47	8.02	####	28.80	128.00	9.48	13.2
13-5	11/20/1996	7:15	21.49	8.02	####	28.80	127.90	9.47	13.1
13-5	11/20/1996	7:30	21.50	8.01	####	28.90	126.10	9.34	13.1
13-5	11/20/1996	7:45	21.41	8.01	####	28.90	127.70	9.47	13.1
13-5	11/20/1996	8:00	21.44	8.00	####	28.90	125.90	9.33	13.1
13-5	11/20/1996	8:15	21.41	8.00	####	28.90	124.60	9.24	13.1
13-5	11/20/1996	8:30	21.43	7.97	####	29.00	120.60	8.93	13.1
13-5	11/20/1996	8:45	21.44	7.97	####	29.00	118.30	8.76	13.1
13-5	11/20/1996	9:00	21.44	7.98	####	29.00	119.80	8.87	13.1
13-5	11/20/1996	9:15	21.42	7.99	####	28.90	123.10	9.12	13.2
13-5	11/20/1996	9:30	21.45	7.98	####	28.90	119.70	8.86	13.1
13-5	11/20/1996	9:45	21.43	7.97	####	29.00	119.60	8.85	13.1
13-5	11/20/1996	10:00	21.42	7.95	####	29.10	115.60	8.56	13.0
13-5	11/20/1996	10:15	21.41	7.96	####	29.10	116.60	8.63	13.1
13-5	11/20/1996	10:30	21.43	7.96	####	29.10	118.00	8.73	13.1
13-5	11/20/1996	10:45	21.44	7.98	####	29.20	120.90	8.94	13.1

Hydro 1

**Table 4. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
13-5	11/20/1996	11:00	21.49	7.98	####	29.10	121.30	8.97	13.1
13-5	11/20/1996	11:15	21.51	7.97	####	29.10	120.90	8.93	13.1
13-5	11/20/1996	11:30	21.64	7.99	####	29.00	125.40	9.25	13.1
13-5	11/20/1996	11:45	22.06	7.97	####	28.90	120.00	8.78	13.2
13-5	11/20/1996	12:00	22.04	7.98	####	28.90	120.50	8.83	13.1
13-5	11/20/1996	12:15	21.97	8.02	####	28.80	128.60	9.44	13.1
10-4	12/10/1996	14:00	17.88	7.82	####	30.30	142.30	11.20	13.0
10-4	12/10/1996	14:15	17.93	7.84	####	30.30	139.90	11.00	13.0
10-4	12/10/1996	14:30	17.91	7.87	####	30.40	140.00	11.01	13.0
10-4	12/10/1996	14:45	17.86	7.89	####	30.40	143.20	11.27	12.9
10-4	12/10/1996	15:00	17.83	7.91	####	30.40	147.40	11.60	12.9
10-4	12/10/1996	15:15	17.90	7.91	####	30.40	147.70	11.61	12.9
10-4	12/10/1996	15:30	17.85	7.91	####	30.50	147.30	11.59	12.9
10-4	12/10/1996	15:45	17.74	7.90	####	30.50	144.10	11.36	12.9
10-4	12/10/1996	16:00	17.73	7.90	####	30.50	143.00	11.28	12.9
10-4	12/10/1996	16:15	17.71	7.90	####	30.50	142.80	11.27	12.9
10-4	12/10/1996	16:30	17.69	7.90	####	30.50	143.40	11.31	12.9
10-4	12/10/1996	16:45	17.96	7.90	####	30.40	143.80	11.30	12.8
10-4	12/10/1996	17:00	17.90	7.90	####	30.40	144.70	11.39	12.8
10-4	12/10/1996	17:15	17.96	7.90	####	30.30	144.90	11.39	12.8
10-4	12/10/1996	17:30	17.86	7.89	####	30.40	146.20	11.51	12.8
10-4	12/10/1996	17:45	17.85	7.90	####	30.40	146.70	11.55	12.7
10-4	12/10/1996	18:00	17.79	7.90	####	30.40	147.30	11.61	12.8
10-4	12/10/1996	18:15	17.69	7.91	####	30.40	147.50	11.64	12.8
10-4	12/10/1996	18:30	17.64	7.92	####	30.50	150.40	11.88	12.8
10-4	12/10/1996	18:45	17.64	7.91	####	30.50	150.40	11.88	12.8
10-4	12/10/1996	19:00	17.62	7.92	####	30.50	147.70	11.67	12.8
10-4	12/10/1996	19:15	17.74	7.92	####	30.40	147.80	11.66	12.8
10-4	12/10/1996	19:30	17.83	7.91	####	30.40	146.10	11.50	12.8
10-4	12/10/1996	19:45	17.90	7.90	####	30.40	144.00	11.33	12.8
10-4	12/10/1996	20:00	17.88	7.90	####	30.40	141.00	11.09	12.8
10-4	12/10/1996	20:15	17.90	7.89	####	30.40	138.50	10.89	12.7
10-4	12/10/1996	20:30	17.93	7.89	####	30.40	138.00	10.85	12.8
10-4	12/10/1996	20:45	18.00	7.88	####	30.40	138.00	10.83	12.7
10-4	12/10/1996	21:00	18.05	7.89	####	30.40	138.70	10.88	12.7
10-4	12/10/1996	21:15	18.08	7.89	####	30.40	139.70	10.95	12.7
10-4	12/10/1996	21:30	18.12	7.89	####	30.40	139.50	10.93	12.8
10-4	12/10/1996	21:45	18.10	7.89	####	30.30	139.30	10.92	12.7
10-4	12/10/1996	22:00	18.10	7.89	####	30.40	139.00	10.89	12.8
10-4	12/10/1996	22:15	18.08	7.89	####	30.40	139.30	10.91	12.7
10-4	12/10/1996	22:30	18.07	7.89	####	30.40	139.30	10.92	12.7
10-4	12/10/1996	22:45	18.05	7.89	####	30.40	139.60	10.95	12.7
10-4	12/10/1996	23:00	18.00	7.89	####	30.40	139.50	10.95	12.7
10-4	12/10/1996	23:15	18.00	7.89	####	30.40	138.50	10.88	12.7
10-4	12/10/1996	23:30	17.96	7.89	####	30.40	138.00	10.84	12.7
10-4	12/10/1996	23:45	17.91	7.88	####	30.40	136.80	10.76	12.8
10-4	12/11/1996	0:00	17.83	7.88	####	30.40	135.80	10.70	12.7
10-4	12/11/1996	0:15	17.69	7.88	####	30.40	135.50	10.70	12.6
10-4	12/11/1996	0:30	17.78	7.89	####	30.40	135.50	10.68	12.7

**Table 4. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
10-4	12/11/1996	0:45	17.74	7.90	####	30.40	136.40	10.76	12.7
10-4	12/11/1996	1:00	17.73	7.89	####	30.40	136.20	10.75	12.7
10-4	12/11/1996	1:15	17.66	7.89	####	30.50	136.10	10.75	12.7
10-4	12/11/1996	1:30	17.57	7.91	####	30.40	138.20	10.94	12.7
10-4	12/11/1996	1:45	17.56	7.92	####	30.40	138.40	10.96	12.7
10-4	12/11/1996	2:00	17.59	7.91	####	30.30	137.60	10.89	12.6
10-4	12/11/1996	2:15	17.49	7.91	####	30.30	137.80	10.93	12.6
10-4	12/11/1996	2:30	17.47	7.92	####	30.40	137.70	10.93	12.6
10-4	12/11/1996	2:45	17.46	7.92	####	30.30	139.50	11.08	12.6
10-4	12/11/1996	3:00	17.52	7.92	####	30.30	138.50	10.98	12.6
10-4	12/11/1996	3:15	17.56	7.92	####	30.30	137.70	10.91	12.6
10-4	12/11/1996	3:30	17.54	7.92	####	30.40	138.00	10.93	12.7
10-4	12/11/1996	3:45	17.54	7.92	####	30.40	138.00	10.93	12.6
10-4	12/11/1996	4:00	17.54	7.92	####	30.40	138.40	10.96	12.6
10-4	12/11/1996	4:15	17.52	7.93	####	30.40	138.80	10.99	12.6
10-4	12/11/1996	4:30	17.51	7.93	####	30.40	139.40	11.05	12.6
10-4	12/11/1996	4:45	17.42	7.93	####	30.50	140.10	11.12	12.6
10-4	12/11/1996	5:00	17.35	7.93	####	30.50	140.80	11.19	12.6
10-4	12/11/1996	5:15	17.40	7.92	####	30.50	139.20	11.05	12.6
10-4	12/11/1996	5:30	17.32	7.92	####	30.50	138.50	11.01	12.6
10-4	12/11/1996	5:45	17.29	7.92	####	30.50	137.50	10.94	12.6
10-4	12/11/1996	6:00	17.27	7.91	####	30.50	136.80	10.89	12.6
10-4	12/11/1996	6:15	17.20	7.92	####	30.60	136.70	10.89	12.6
10-4	12/11/1996	6:30	17.15	7.92	####	30.60	137.60	10.97	12.6
10-4	12/11/1996	6:45	17.13	7.92	####	30.60	138.10	11.01	12.6
10-4	12/11/1996	7:00	17.08	7.92	####	30.60	137.80	11.00	12.6
10-4	12/11/1996	7:15	17.07	7.92	####	30.60	137.70	11.00	12.6
10-4	12/11/1996	7:30	17.05	7.92	####	30.60	137.50	10.98	12.6
10-4	12/11/1996	7:45	17.05	7.92	####	30.60	137.20	10.96	12.6
10-4	12/11/1996	8:00	17.02	7.92	####	30.60	136.50	10.91	12.5
10-4	12/11/1996	8:15	17.03	7.91	####	30.70	135.70	10.84	12.5
10-4	12/11/1996	8:30	17.03	7.92	####	30.60	136.10	10.88	12.5
10-4	12/11/1996	8:45	17.07	7.91	####	30.60	137.10	10.95	12.5
10-4	12/11/1996	9:00	17.07	7.93	####	30.60	138.70	11.08	12.5
10-4	12/11/1996	9:15	17.08	7.92	####	30.60	139.20	11.11	12.5
10-4	12/11/1996	9:30	17.17	7.92	####	30.60	138.20	11.02	12.6
10-4	12/11/1996	9:45	17.23	7.93	####	30.60	140.50	11.18	12.5
10-4	12/11/1996	10:00	17.30	7.92	####	30.50	138.10	10.99	12.5
10-4	12/11/1996	10:15	17.39	7.92	####	30.50	137.40	10.91	12.5
10-4	12/11/1996	10:30	17.39	7.91	####	30.50	137.70	10.94	12.5
10-4	12/11/1996	10:45	17.40	7.92	####	30.50	137.90	10.95	12.5
10-4	12/11/1996	11:00	17.44	7.93	####	30.50	138.30	10.97	12.5
10-4	12/11/1996	11:15	17.47	7.93	####	30.50	138.60	10.99	12.4
10-4	12/11/1996	11:30	17.51	7.93	####	30.40	138.40	10.97	12.6
10-4	12/11/1996	11:45	17.51	7.93	####	30.40	138.70	10.99	12.5
10-4	12/11/1996	12:00	17.54	7.93	####	30.40	138.50	10.98	12.5
10-4	12/11/1996	12:15	17.57	7.93	####	30.40	138.80	10.99	12.5
10-4	12/11/1996	12:30	17.57	7.93	####	30.40	139.40	11.03	12.5
10-4	12/11/1996	12:45	17.59	7.93	####	30.40	140.30	11.10	12.5
10-4	12/11/1996	13:00	17.64	7.93	####	30.40	140.30	11.09	12.5

**Table 4. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
10-4	12/11/1996	13:15	17.69	7.93	####	30.40	140.60	11.11	12.5
10-4	12/11/1996	13:30	17.76	7.93	####	30.40	140.40	11.08	12.5
10-4	12/11/1996	13:45	17.81	7.93	####	30.40	140.80	11.09	12.5
10-4	12/11/1996	14:00	17.85	7.93	####	30.40	141.20	11.11	12.5
10-4	12/11/1996	14:15	17.90	7.93	####	30.40	142.00	11.17	12.5
10-4	12/11/1996	14:30	17.96	7.94	####	30.30	143.00	11.23	12.5

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
11-5	1/22/1996	13:00	16.07	7.57	40.70	26.10	89.70	7.51	12.6
11-5	1/22/1996	13:15	16.10	7.59	41.00	26.30	91.80	7.68	12.6
11-5	1/22/1996	13:30	15.98	7.58	41.80	26.90	91.40	7.63	12.5
11-5	1/22/1996	13:45	16.07	7.60	42.50	27.30	92.70	7.70	12.5
11-5	1/22/1996	14:00	16.02	7.62	42.60	27.50	92.30	7.68	12.5
11-5	1/22/1996	14:15	16.04	7.63	42.80	27.60	93.80	7.80	12.5
11-5	1/22/1996	14:30	16.10	7.63	42.70	27.50	93.80	7.78	12.5
11-5	1/22/1996	14:45	16.10	7.63	42.70	27.50	92.40	7.67	12.5
11-5	1/22/1996	15:00	16.19	7.64	43.00	27.70	92.60	7.66	12.5
11-5	1/22/1996	15:15	16.19	7.64	43.10	27.80	92.80	7.68	12.5
11-5	1/22/1996	15:30	16.19	7.66	43.10	27.80	94.50	7.82	12.5
11-5	1/22/1996	15:45	16.30	7.65	42.90	27.70	95.20	7.86	12.5
11-5	1/22/1996	16:00	16.44	7.67	42.80	27.60	95.90	7.91	12.5
11-5	1/22/1996	16:15	16.52	7.69	42.70	27.50	97.40	8.02	12.5
11-5	1/22/1996	16:30	16.37	7.70	43.00	27.70	98.10	8.09	12.5
11-5	1/22/1996	16:45	16.47	7.70	42.90	27.60	98.40	8.10	12.4
11-5	1/22/1996	17:00	16.44	7.71	42.90	27.70	98.40	8.10	12.4
11-5	1/22/1996	17:15	16.40	7.71	42.90	27.70	98.70	8.13	12.4
11-5	1/22/1996	17:30	16.42	7.73	42.80	27.60	100.00	8.24	12.4
11-5	1/22/1996	17:45	16.47	7.75	42.60	27.40	101.00	8.33	12.4
11-5	1/22/1996	18:00	16.64	7.76	42.30	27.20	102.20	8.40	12.4
11-5	1/22/1996	18:15	16.81	7.77	41.90	26.90	102.60	8.42	12.4
11-5	1/22/1996	18:30	16.74	7.78	41.90	26.90	102.30	8.41	12.4
11-5	1/22/1996	18:45	17.01	7.81	41.50	26.60	105.10	8.60	12.4
11-5	1/22/1996	19:00	17.06	7.82	41.30	26.50	106.20	8.70	12.4
11-5	1/22/1996	19:15	16.99	7.82	41.30	26.50	105.10	8.62	12.4
11-5	1/22/1996	19:30	16.94	7.82	41.10	26.40	104.50	8.58	12.4
11-5	1/22/1996	19:45	17.13	7.83	40.80	26.20	106.00	8.68	12.4
11-5	1/22/1996	20:00	17.13	7.83	40.80	26.20	105.60	8.66	12.4
11-5	1/22/1996	20:15	16.96	7.83	41.20	26.40	105.60	8.67	12.4
11-5	1/22/1996	20:30	16.91	7.82	41.10	26.40	103.60	8.51	12.4
11-5	1/22/1996	20:45	16.80	7.81	41.70	26.80	102.60	8.44	12.4
11-5	1/22/1996	21:00	16.59	7.81	42.40	27.30	102.90	8.47	12.4
11-5	1/22/1996	21:15	16.84	7.81	41.50	26.60	98.50	8.10	12.4
11-5	1/22/1996	21:30	16.76	7.82	41.30	26.50	102.20	8.42	12.4
11-5	1/22/1996	21:45	16.72	7.81	41.30	26.50	102.20	8.43	12.4
11-5	1/22/1996	22:00	16.54	7.78	42.40	27.30	99.10	8.16	12.4
11-5	1/22/1996	22:15	16.54	7.79	42.30	27.20	96.80	7.98	12.3
11-5	1/22/1996	22:30	16.35	7.79	43.10	27.80	96.60	7.96	12.3
11-5	1/22/1996	22:45	16.42	7.78	42.80	27.60	92.90	7.65	12.4
11-5	1/22/1996	23:00	16.44	7.78	42.60	27.40	93.50	7.71	12.4
11-5	1/22/1996	23:15	16.40	7.81	42.60	27.40	95.70	7.90	12.4
11-5	1/22/1996	23:30	16.30	7.80	42.80	27.60	97.10	8.02	12.3
11-5	1/22/1996	23:45	16.10	7.77	43.90	28.40	95.60	7.89	12.3
11-5	1/23/1996	0:00	16.10	7.77	44.10	28.60	90.80	7.49	12.3
11-5	1/23/1996	0:15	16.07	7.76	44.30	28.60	88.40	7.29	12.3
11-5	1/23/1996	0:30	16.05	7.76	44.30	28.70	88.10	7.27	12.5
11-5	1/23/1996	0:45	16.05	7.77	44.30	28.60	87.90	7.26	12.3
11-5	1/23/1996	1:00	15.98	7.79	44.00	28.40	91.00	7.53	12.3
11-5	1/23/1996	1:15	15.97	7.80	44.00	28.50	90.50	7.49	12.3

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
11-5	1/23/1996	1:30	15.93	7.79	44.20	28.60	90.10	7.46	12.3
11-5	1/23/1996	1:45	15.92	7.78	44.20	28.60	89.40	7.40	12.4
11-5	1/23/1996	2:00	15.92	7.78	44.30	28.60	88.70	7.34	12.3
11-5	1/23/1996	2:15	15.87	7.77	44.50	28.80	88.00	7.28	12.3
11-5	1/23/1996	2:30	15.88	7.78	44.40	28.80	88.00	7.28	12.3
11-5	1/23/1996	2:45	15.88	7.77	44.40	28.80	87.20	7.22	12.3
11-5	1/23/1996	3:00	15.85	7.77	44.60	28.90	86.80	7.18	12.3
11-5	1/23/1996	3:15	15.82	7.78	44.50	28.80	86.90	7.20	12.3
11-5	1/23/1996	3:30	15.73	7.78	45.00	29.10	87.40	7.23	12.3
11-5	1/23/1996	3:45	15.83	7.78	44.30	28.60	86.90	7.20	12.3
11-5	1/23/1996	4:00	15.85	7.78	44.20	28.60	87.50	7.26	12.3
11-5	1/23/1996	4:15	15.85	7.79	44.10	28.50	88.20	7.32	12.3
11-5	1/23/1996	4:30	15.92	7.79	43.80	28.30	88.40	7.33	12.3
11-5	1/23/1996	4:45	15.98	7.79	43.50	28.10	88.30	7.32	12.2
11-5	1/23/1996	5:00	16.04	7.80	43.10	27.80	88.90	7.37	12.3
11-5	1/23/1996	5:15	16.00	7.80	42.90	27.60	88.60	7.37	12.3
11-5	1/23/1996	5:30	16.00	7.79	43.00	27.70	88.30	7.33	12.3
11-5	1/23/1996	5:45	16.00	7.79	43.00	27.70	87.80	7.29	12.3
11-5	1/23/1996	6:00	16.00	7.79	42.90	27.70	87.90	7.31	12.3
11-5	1/23/1996	6:15	16.02	7.79	42.90	27.70	87.30	7.26	12.3
11-5	1/23/1996	6:30	15.98	7.79	43.00	27.70	87.30	7.25	12.3
11-5	1/23/1996	6:45	15.97	7.79	42.90	27.70	87.20	7.25	12.3
11-5	1/23/1996	7:00	15.95	7.79	42.70	27.50	86.90	7.23	12.3
11-5	1/23/1996	7:15	15.97	7.79	42.40	27.30	87.30	7.28	12.3
11-5	1/23/1996	7:30	16.05	7.80	41.80	26.90	87.90	7.33	12.3
11-5	1/23/1996	7:45	16.07	7.79	41.60	26.70	87.20	7.28	12.3
11-5	1/23/1996	8:00	16.10	7.78	41.30	26.50	86.90	7.26	12.3
11-5	1/23/1996	8:15	16.14	7.77	41.10	26.40	86.80	7.25	12.3
11-5	1/23/1996	8:30	16.19	7.76	40.80	26.10	86.50	7.22	12.3
11-5	1/23/1996	8:45	16.24	7.75	40.40	25.80	86.30	7.22	12.3
11-5	1/23/1996	9:00	16.29	7.74	40.00	25.60	86.30	7.22	12.3
11-5	1/23/1996	9:15	16.35	7.74	39.60	25.30	86.30	7.22	12.3
11-5	1/23/1996	9:30	16.34	7.73	39.80	25.40	86.30	7.22	12.3
11-5	1/23/1996	9:45	16.42	7.73	39.20	25.00	86.60	7.25	12.2
11-5	1/23/1996	10:00	16.42	7.75	39.60	25.20	86.90	7.27	12.2
11-5	1/23/1996	10:15	16.37	7.75	40.10	25.60	87.60	7.32	12.2
11-5	1/23/1996	10:30	16.27	7.75	40.50	25.90	86.50	7.23	12.2
11-5	1/23/1996	10:45	16.27	7.75	40.60	26.00	86.90	7.25	12.2
11-5	1/23/1996	11:00	16.40	7.75	40.50	25.90	88.20	7.35	12.2
11-5	1/23/1996	11:15	16.50	7.74	40.60	26.00	87.70	7.29	12.2
11-5	1/23/1996	11:30	16.49	7.73	40.90	26.20	87.80	7.28	12.2
11-5	1/23/1996	11:45	16.50	7.74	41.20	26.40	87.90	7.28	12.2
11-5	1/23/1996	12:00	16.54	7.75	41.40	26.60	88.10	7.29	12.2
11-5	1/23/1996	12:15	16.54	7.75	41.50	26.70	88.10	7.29	12.2
11-5	1/23/1996	12:30	16.60	7.76	41.70	26.80	89.80	7.41	12.3
11-5	1/23/1996	12:45	16.52	7.78	41.90	26.90	91.30	7.54	12.2
11-5	1/23/1996	13:00	16.35	7.78	43.00	27.70	94.00	7.75	12.2
11-5	1/23/1996	13:15	16.37	7.81	43.20	27.80	99.50	8.20	12.2
11-5	1/23/1996	13:30	16.55	7.84	43.00	27.80	103.00	8.46	12.2
11-5	1/23/1996	13:45	16.60	7.77	42.50	27.30	96.20	7.91	12.2

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
11-5	1/23/1996	14:00	16.48	7.76	42.20	27.10	93.70	7.74	12.2
13-1	2/14/1996	13:15	15.48	7.51	43.70	28.30	96.70	8.09	11.9
13-1	2/14/1996	13:30	15.57	7.56	43.80	28.30	100.10	8.36	11.9
13-1	2/14/1996	13:45	15.63	7.58	43.60	28.20	101.70	8.49	11.9
13-1	2/14/1996	14:00	15.67	7.60	43.50	28.10	101.70	8.49	11.9
13-1	2/14/1996	14:15	15.70	7.61	43.50	28.10	101.10	8.43	11.9
13-1	2/14/1996	14:30	15.75	7.61	43.60	28.10	100.40	8.36	11.9
13-1	2/14/1996	14:45	15.78	7.62	43.50	28.10	100.50	8.36	11.9
13-1	2/14/1996	15:00	15.83	7.63	43.60	28.20	100.30	8.33	11.9
13-1	2/14/1996	15:15	15.87	7.64	43.60	28.20	100.80	8.37	11.9
13-1	2/14/1996	15:30	15.92	7.65	43.70	28.20	100.90	8.38	11.9
13-1	2/14/1996	15:45	15.93	7.66	43.70	28.20	101.20	8.39	11.9
13-1	2/14/1996	16:00	15.95	7.67	43.80	28.30	102.20	8.47	11.8
13-1	2/14/1996	16:15	15.97	7.67	43.80	28.30	102.40	8.48	11.9
13-1	2/14/1996	16:30	16.00	7.68	43.90	28.40	102.60	8.49	11.9
13-1	2/14/1996	16:45	16.17	7.69	43.90	28.40	104.50	8.61	11.8
13-1	2/14/1996	17:00	16.24	7.70	43.90	28.40	106.80	8.80	11.8
13-1	2/14/1996	17:15	16.22	7.71	43.90	28.40	107.90	8.89	11.8
13-1	2/14/1996	17:30	16.15	7.73	43.90	28.40	108.60	8.96	11.8
13-1	2/14/1996	17:45	16.14	7.74	44.00	28.40	109.90	9.06	11.8
13-1	2/14/1996	18:00	16.19	7.75	44.10	28.50	110.30	9.09	11.8
13-1	2/14/1996	18:15	16.19	7.76	44.20	28.60	110.00	9.05	11.8
13-1	2/14/1996	18:30	16.19	7.77	44.30	28.70	109.80	9.04	11.8
13-1	2/14/1996	18:45	16.14	7.77	44.40	28.70	108.70	8.95	11.8
13-1	2/14/1996	19:00	15.80	7.76	44.50	28.80	105.90	8.78	11.8
13-1	2/14/1996	19:15	15.68	7.76	44.60	28.90	105.00	8.72	11.8
13-1	2/14/1996	19:30	15.62	7.76	44.80	29.00	104.80	8.70	11.8
13-1	2/14/1996	19:45	15.52	7.75	44.90	29.10	103.00	8.57	11.8
13-1	2/14/1996	20:00	15.50	7.75	44.90	29.10	102.20	8.50	11.8
13-1	2/14/1996	20:15	15.48	7.74	45.00	29.20	100.90	8.40	11.8
13-1	2/14/1996	20:30	15.47	7.74	45.10	29.20	100.00	8.32	11.7
13-1	2/14/1996	20:45	15.47	7.74	45.10	29.20	99.30	8.26	11.7
13-1	2/14/1996	21:00	15.58	7.76	44.80	29.00	101.50	8.44	11.7
13-1	2/14/1996	21:15	15.53	7.75	44.80	29.00	100.40	8.35	11.7
13-1	2/14/1996	21:30	15.58	7.76	44.80	29.00	101.70	8.45	11.7
13-1	2/14/1996	21:45	15.62	7.76	44.80	29.00	102.10	8.48	11.7
13-1	2/14/1996	22:00	15.72	7.77	44.60	28.90	103.20	8.56	11.7
13-1	2/14/1996	22:15	15.72	7.77	44.60	28.90	102.70	8.52	11.7
13-1	2/14/1996	22:30	15.63	7.76	44.80	29.00	100.20	8.32	11.7
13-1	2/14/1996	22:45	15.60	7.75	44.90	29.10	98.60	8.19	11.7
13-1	2/14/1996	23:00	15.67	7.76	44.80	29.00	98.20	8.15	11.7
13-1	2/14/1996	23:15	15.67	7.76	44.80	29.00	98.50	8.18	11.7
13-1	2/14/1996	23:30	15.70	7.76	44.60	28.90	98.60	8.18	11.7
13-1	2/14/1996	23:45	15.75	7.76	44.50	28.80	99.40	8.24	11.7
13-1	2/15/1996	0:00	15.78	7.77	44.30	28.70	99.80	8.28	11.7
13-1	2/15/1996	0:15	15.80	7.77	44.20	28.60	99.40	8.24	11.5
13-1	2/15/1996	0:30	15.78	7.76	44.10	28.50	98.80	8.20	11.7
13-1	2/15/1996	0:45	15.82	7.76	43.80	28.30	97.70	8.11	11.7
13-1	2/15/1996	1:00	15.83	7.76	43.70	28.20	97.60	8.11	11.7
13-1	2/15/1996	1:15	15.82	7.76	43.80	28.30	97.30	8.09	11.6

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
13-1	2/15/1996	1:30	15.83	7.76	43.70	28.20	96.90	8.05	11.6
13-1	2/15/1996	1:45	15.90	7.76	43.30	27.90	96.90	8.05	11.6
13-1	2/15/1996	2:00	15.93	7.76	43.20	27.90	96.90	8.05	11.6
13-1	2/15/1996	2:15	15.92	7.76	43.30	27.90	96.10	7.99	11.6
13-1	2/15/1996	2:30	15.93	7.76	43.10	27.80	96.10	7.99	11.8
13-1	2/15/1996	2:45	15.95	7.76	43.00	27.70	95.80	7.97	11.6
13-1	2/15/1996	3:00	15.98	7.76	42.90	27.70	95.20	7.92	11.6
13-1	2/15/1996	3:15	15.98	7.75	43.00	27.70	94.70	7.87	11.6
13-1	2/15/1996	3:30	16.00	7.75	43.00	27.70	94.20	7.82	11.6
13-1	2/15/1996	3:45	16.02	7.75	42.80	27.60	93.90	7.81	11.6
13-1	2/15/1996	4:00	16.05	7.75	42.60	27.40	93.80	7.80	11.6
13-1	2/15/1996	4:15	16.07	7.74	42.40	27.30	93.10	7.74	11.6
13-1	2/15/1996	4:30	16.07	7.75	42.20	27.10	93.40	7.78	11.6
13-1	2/15/1996	4:45	16.09	7.74	41.90	26.90	93.50	7.79	11.6
13-1	2/15/1996	5:00	16.09	7.74	41.60	26.70	93.60	7.80	11.6
13-1	2/15/1996	5:15	16.10	7.74	41.30	26.50	93.20	7.78	11.6
13-1	2/15/1996	5:30	16.11	7.74	41.10	26.30	93.20	7.79	11.6
13-1	2/15/1996	5:45	16.11	7.74	40.90	26.20	93.00	7.78	11.6
13-1	2/15/1996	6:00	16.12	7.74	40.60	26.00	92.60	7.76	11.6
13-1	2/15/1996	6:15	16.12	7.74	40.50	25.90	92.10	7.72	11.6
13-1	2/15/1996	6:30	16.12	7.73	40.60	26.00	91.40	7.66	11.6
13-1	2/15/1996	6:45	16.10	7.74	40.80	26.10	90.80	7.60	11.5
13-1	2/15/1996	7:00	16.10	7.73	40.70	26.10	90.70	7.59	11.5
13-1	2/15/1996	7:15	16.09	7.74	40.70	26.10	91.40	7.66	11.5
13-1	2/15/1996	7:30	16.05	7.72	41.00	26.30	89.70	7.51	11.5
13-1	2/15/1996	7:45	16.00	7.72	41.60	26.70	87.50	7.32	11.5
13-1	2/15/1996	8:00	15.98	7.72	41.50	26.60	88.30	7.38	11.5
13-1	2/15/1996	8:15	15.92	7.71	42.20	27.10	86.10	7.19	11.7
13-1	2/15/1996	8:30	15.90	7.71	42.50	27.30	87.20	7.28	11.5
13-1	2/15/1996	8:45	15.90	7.71	42.60	27.50	88.70	7.39	11.5
13-1	2/15/1996	9:00	15.92	7.72	42.70	27.50	89.80	7.48	11.5
13-1	2/15/1996	9:15	15.93	7.71	42.70	27.50	90.10	7.50	11.5
13-1	2/15/1996	9:30	15.97	7.71	42.70	27.50	90.30	7.52	11.5
13-1	2/15/1996	9:45	16.04	7.70	42.60	27.40	90.60	7.53	11.4
13-1	2/15/1996	10:00	16.05	7.70	42.70	27.50	91.70	7.62	11.5
13-1	2/15/1996	10:15	16.04	7.71	43.00	27.70	92.70	7.70	11.5
13-1	2/15/1996	10:30	16.00	7.71	43.50	28.10	93.20	7.72	11.5
13-1	2/15/1996	10:45	16.00	7.72	43.60	28.20	94.50	7.83	11.5
13-1	2/15/1996	11:00	16.00	7.72	43.90	28.40	95.50	7.90	11.5
13-1	2/15/1996	11:15	16.02	7.72	44.00	28.50	94.90	7.85	11.5
13-1	2/15/1996	11:30	16.04	7.72	44.10	28.50	95.90	7.92	11.5
13-1	2/15/1996	11:45	16.07	7.73	44.00	28.50	96.40	7.96	11.5
13-1	2/15/1996	12:00	16.12	7.74	44.00	28.50	99.70	8.22	11.5
13-1	2/15/1996	12:15	16.15	7.73	43.90	28.40	98.80	8.14	11.5
13-1	2/15/1996	12:30	16.15	7.73	44.10	28.50	98.10	8.08	11.5
13-1	2/15/1996	12:45	16.17	7.74	44.20	28.60	98.40	8.10	11.4
13-1	2/15/1996	13:00	16.17	7.74	44.20	28.60	98.40	8.10	11.5
13-1	2/15/1996	13:15	16.18	7.74	44.10	28.50	98.10	8.08	11.5
13-1	2/15/1996	13:30	16.19	7.74	44.20	28.60	98.40	8.10	11.4
10-2	3/21/1996	14:15	16.14	7.90	45.60	29.60	88.80	7.27	13.0

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
10-2	3/21/1996	14:30	16.17	7.91	45.70	29.70	88.10	7.21	13.1
10-2	3/21/1996	14:45	16.20	7.91	45.70	29.70	88.60	7.24	13.0
10-2	3/21/1996	15:00	16.29	7.93	45.60	29.60	90.20	7.37	13.0
10-2	3/21/1996	15:15	16.20	7.94	45.30	29.40	92.40	7.57	13.0
10-2	3/21/1996	15:30	16.25	7.95	45.20	29.30	92.10	7.54	12.9
10-2	3/21/1996	15:45	16.50	7.97	45.00	29.20	94.90	7.74	12.9
10-2	3/21/1996	16:00	16.55	7.97	45.00	29.20	95.70	7.79	12.9
10-2	3/21/1996	16:15	16.66	7.98	45.00	29.10	96.00	7.80	12.9
10-2	3/21/1996	16:30	16.67	7.98	45.00	29.10	95.70	7.77	12.9
10-2	3/21/1996	16:45	16.64	7.98	45.00	29.10	95.10	7.73	13.0
10-2	3/21/1996	17:00	16.59	7.99	45.00	29.10	94.80	7.71	12.9
10-2	3/21/1996	17:15	16.84	8.01	45.10	29.20	94.40	7.64	12.9
10-2	3/21/1996	17:30	16.89	8.02	45.00	29.20	94.20	7.62	12.9
10-2	3/21/1996	17:45	16.86	8.03	45.00	29.10	93.00	7.53	12.9
10-2	3/21/1996	18:00	16.72	8.04	45.00	29.10	92.10	7.48	12.9
10-2	3/21/1996	18:15	16.60	8.04	45.00	29.10	91.70	7.46	12.9
10-2	3/21/1996	18:30	16.52	8.04	45.00	29.20	91.20	7.43	12.9
10-2	3/21/1996	18:45	16.44	8.03	45.00	29.20	90.50	7.38	12.9
10-2	3/21/1996	19:00	16.40	8.03	45.00	29.20	89.80	7.34	12.8
10-2	3/21/1996	19:15	16.40	8.03	45.00	29.20	89.80	7.34	12.8
10-2	3/21/1996	19:30	16.35	8.02	45.10	29.20	89.90	7.34	12.9
10-2	3/21/1996	19:45	16.32	8.02	45.20	29.30	89.20	7.29	12.8
10-2	3/21/1996	20:00	16.32	8.02	45.10	29.20	89.10	7.28	13.0
10-2	3/21/1996	20:15	16.30	8.02	45.10	29.20	88.80	7.27	12.9
10-2	3/21/1996	20:30	16.29	8.02	45.10	29.20	88.80	7.26	12.8
10-2	3/21/1996	20:45	16.27	8.02	45.10	29.20	88.40	7.23	12.8
10-2	3/21/1996	21:00	16.15	8.02	45.20	29.30	87.90	7.21	12.8
10-2	3/21/1996	21:15	16.14	8.02	45.20	29.30	87.30	7.16	12.8
10-2	3/21/1996	21:30	16.04	8.02	45.20	29.30	86.90	7.14	12.8
10-2	3/21/1996	21:45	16.04	8.02	45.20	29.30	86.70	7.13	12.8
10-2	3/21/1996	22:00	16.04	8.02	45.20	29.30	86.70	7.13	12.8
10-2	3/21/1996	22:15	16.02	8.02	45.20	29.30	86.50	7.11	12.8
10-2	3/21/1996	22:30	15.98	8.02	45.20	29.30	86.60	7.13	12.8
10-2	3/21/1996	22:45	15.92	8.03	45.20	29.30	85.80	7.07	12.8
10-2	3/21/1996	23:00	16.07	8.03	45.30	29.40	87.40	7.18	12.8
10-2	3/21/1996	23:15	15.92	8.03	45.40	29.40	88.90	7.32	12.8
10-2	3/21/1996	23:30	15.93	8.03	45.40	29.50	89.20	7.34	12.8
10-2	3/21/1996	23:45	16.09	8.07	45.50	29.50	93.10	7.64	12.8
10-2	3/22/1996	0:00	16.05	8.06	45.50	29.50	92.40	7.58	12.8
10-2	3/22/1996	0:15	16.07	8.06	45.50	29.50	91.40	7.50	12.7
10-2	3/22/1996	0:30	16.07	8.05	45.50	29.50	90.80	7.45	12.8
10-2	3/22/1996	0:45	16.15	8.05	45.50	29.50	91.30	7.48	12.8
10-2	3/22/1996	1:00	16.20	8.06	45.50	29.50	92.00	7.53	12.8
10-2	3/22/1996	1:15	16.14	8.06	45.60	29.60	92.20	7.55	12.8
10-2	3/22/1996	1:30	16.14	8.06	45.60	29.60	91.60	7.50	12.8
10-2	3/22/1996	1:45	16.09	8.05	45.60	29.60	90.80	7.44	12.7
10-2	3/22/1996	2:00	16.12	8.04	45.60	29.60	89.50	7.33	12.8
10-2	3/22/1996	2:15	16.12	8.03	45.60	29.60	89.20	7.30	12.8
10-2	3/22/1996	2:30	16.07	8.03	45.60	29.60	88.70	7.28	12.7
10-2	3/22/1996	2:45	15.92	8.04	45.60	29.60	88.90	7.31	12.8

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
10-2	3/22/1996	3:00	15.85	8.04	45.60	29.60	88.50	7.29	12.7
10-2	3/22/1996	3:15	15.87	8.04	45.60	29.60	88.30	7.27	12.7
10-2	3/22/1996	3:30	15.77	8.04	45.60	29.60	87.80	7.24	12.7
10-2	3/22/1996	3:45	15.67	8.04	45.60	29.60	86.90	7.18	12.7
10-2	3/22/1996	4:00	15.65	8.04	45.60	29.60	86.90	7.19	12.7
10-2	3/22/1996	4:15	15.70	8.04	45.60	29.60	86.90	7.18	12.7
10-2	3/22/1996	4:30	15.57	8.05	45.50	29.50	88.60	7.34	12.7
10-2	3/22/1996	4:45	15.38	8.04	45.30	29.40	89.30	7.44	12.7
10-2	3/22/1996	5:00	14.79	8.03	45.20	29.30	88.60	7.47	12.7
10-2	3/22/1996	5:15	14.71	8.03	45.20	29.30	88.10	7.44	12.7
10-2	3/22/1996	5:30	14.74	8.03	45.20	29.30	87.80	7.41	12.7
10-2	3/22/1996	5:45	14.73	8.02	45.20	29.30	87.40	7.38	12.7
10-2	3/22/1996	6:00	14.82	8.03	45.20	29.30	86.90	7.32	12.7
10-2	3/22/1996	6:15	15.06	8.04	45.20	29.30	84.70	7.11	12.7
10-2	3/22/1996	6:30	15.20	8.05	45.30	29.40	83.80	7.01	12.7
10-2	3/22/1996	6:45	15.17	8.04	45.30	29.40	83.30	6.97	12.7
10-2	3/22/1996	7:00	15.17	8.04	45.30	29.40	83.10	6.95	12.7
10-2	3/22/1996	7:15	15.18	8.04	45.30	29.40	82.80	6.92	12.7
10-2	3/22/1996	7:30	15.15	8.03	45.30	29.40	82.40	6.90	12.7
10-2	3/22/1996	7:45	15.14	8.03	45.30	29.40	82.30	6.89	12.7
10-2	3/22/1996	8:00	15.22	8.01	45.30	29.40	82.00	6.86	12.7
10-2	3/22/1996	8:15	15.14	8.01	45.30	29.40	82.80	6.93	12.7
10-2	3/22/1996	8:30	15.14	8.01	45.30	29.40	83.10	6.96	12.7
10-2	3/22/1996	8:45	15.10	8.00	45.30	29.40	83.60	7.01	12.7
10-2	3/22/1996	9:00	15.07	7.99	45.30	29.40	84.50	7.09	12.7
10-2	3/22/1996	9:15	15.02	7.99	45.30	29.40	84.80	7.12	12.8
10-2	3/22/1996	9:30	15.04	7.99	45.30	29.40	85.10	7.14	12.7
10-2	3/22/1996	9:45	15.14	7.98	45.30	29.40	84.80	7.10	12.9
10-2	3/22/1996	10:00	15.18	7.98	45.30	29.40	84.60	7.08	12.7
10-2	3/22/1996	10:15	15.09	7.97	45.30	29.40	86.00	7.21	12.7
10-2	3/22/1996	10:30	15.38	7.97	45.50	29.50	85.80	7.14	12.7
10-2	3/22/1996	10:45	15.62	7.97	45.50	29.50	86.10	7.13	12.7
10-2	3/22/1996	11:00	15.58	7.97	45.40	29.50	86.40	7.16	12.7
10-2	3/22/1996	11:15	15.57	7.97	45.40	29.50	86.30	7.16	12.7
10-2	3/22/1996	11:30	15.57	7.97	45.40	29.50	86.90	7.21	12.7
10-2	3/22/1996	11:45	15.50	7.97	45.40	29.50	87.10	7.23	12.7
10-2	3/22/1996	12:00	15.58	7.98	45.40	29.50	87.20	7.22	12.7
10-2	3/22/1996	12:15	15.75	7.98	45.40	29.50	87.40	7.22	12.7
10-2	3/22/1996	12:30	15.80	7.97	45.40	29.50	87.50	7.22	12.8
10-2	3/22/1996	12:45	15.87	7.98	45.40	29.50	88.30	7.28	12.8
10-2	3/22/1996	13:00	15.98	7.98	45.40	29.50	88.90	7.30	12.7
10-2	3/22/1996	13:15	16.02	7.98	45.40	29.50	89.20	7.33	12.7
10-2	3/22/1996	13:30	16.05	7.98	45.40	29.50	89.20	7.33	12.7
10-2	3/22/1996	13:45	16.09	7.98	45.40	29.50	89.60	7.35	12.7
10-2	3/22/1996	14:00	16.11	7.98	45.40	29.50	89.60	7.35	12.6
10-2	3/22/1996	14:15	16.10	7.97	45.40	29.50	89.30	7.34	12.6
16-5	04\10\96	6:45	19.53	7.83	46.00	29.90	79.90	6.11	12.6
16-5	04\10\96	7:00	19.49	7.84	46.20	30.10	80.20	6.12	12.7
16-5	04\10\96	7:15	19.39	7.83	46.20	30.10	79.30	6.07	12.7
16-5	04\10\96	7:30	19.50	7.82	46.20	30.00	78.90	6.03	12.7

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
16-5	04\10\96	7:45	19.53	7.82	46.20	30.00	79.20	6.05	12.7
16-5	04\10\96	8:00	19.58	7.82	46.20	30.10	78.80	6.01	12.7
16-5	04\10\96	8:15	19.37	7.81	46.00	29.90	79.20	6.07	12.7
16-5	04\10\96	8:30	19.46	7.81	45.90	29.90	78.70	6.02	12.7
16-5	04\10\96	8:45	19.52	7.81	46.00	29.90	79.40	6.07	12.7
16-5	04\10\96	9:00	19.48	7.81	46.00	29.90	79.50	6.08	12.7
16-5	04\10\96	9:15	19.32	7.80	45.70	29.60	78.90	6.06	12.6
16-5	04\10\96	9:30	19.24	7.78	44.70	29.00	79.20	6.12	12.6
16-5	04\10\96	9:45	19.29	7.79	44.70	29.00	79.50	6.13	12.6
16-5	04\10\96	10:00	19.37	7.79	44.70	28.90	79.50	6.13	12.6
16-5	04\10\96	10:15	19.49	7.78	44.40	28.70	79.90	6.15	12.6
16-5	04\10\96	10:30	19.51	7.77	44.10	28.50	80.60	6.21	12.6
16-5	04\10\96	10:45	19.65	7.78	44.00	28.40	82.70	6.36	12.6
16-5	04\10\96	11:00	19.70	7.77	43.90	28.40	81.30	6.25	12.6
16-5	04\10\96	11:15	19.80	7.77	43.60	28.20	82.10	6.31	12.6
16-5	04\10\96	11:30	19.91	7.77	43.40	28.00	83.40	6.40	12.6
16-5	04\10\96	11:45	20.02	7.77	43.10	27.80	85.20	6.53	12.6
16-5	04\10\96	12:00	20.14	7.78	42.90	27.60	86.50	6.62	12.6
16-5	04\10\96	12:15	20.24	7.78	42.80	27.60	87.50	6.68	12.6
16-5	04\10\96	12:30	20.31	7.78	42.60	27.40	88.20	6.74	12.6
16-5	04\10\96	12:45	20.38	7.78	42.60	27.50	88.60	6.75	12.6
16-5	04\10\96	13:00	20.36	7.78	42.60	27.50	88.80	6.77	12.6
16-5	04\10\96	13:15	20.21	7.81	44.00	28.40	90.30	6.87	12.6
16-5	04\10\96	13:30	20.33	7.82	44.30	28.70	89.40	6.77	12.6
16-5	04\10\96	13:45	20.40	7.82	44.40	28.70	90.70	6.86	12.6
16-5	04\10\96	14:00	20.39	7.84	44.80	29.10	91.80	6.93	12.6
16-5	04\10\96	14:15	20.59	7.84	45.00	29.20	92.50	6.95	12.6
16-5	04\10\96	14:30	20.59	7.86	45.40	29.50	94.00	7.05	12.6
16-5	04\10\96	14:45	20.68	7.86	45.40	29.50	95.10	7.12	12.6
16-5	04\10\96	15:00	20.68	7.87	45.70	29.70	95.90	7.17	12.6
16-5	04\10\96	15:15	20.71	7.87	45.70	29.70	96.20	7.19	12.6
16-5	04\10\96	15:30	20.75	7.88	45.70	29.70	96.60	7.22	12.6
16-5	04\10\96	15:45	20.75	7.88	46.00	29.90	96.40	7.19	12.6
16-5	04\10\96	16:00	20.77	7.89	46.00	29.90	96.80	7.22	12.6
16-5	04\10\96	16:15	20.85	7.88	45.40	29.50	97.10	7.25	12.6
16-5	04\10\96	16:30	20.80	7.89	45.80	29.80	98.90	7.38	12.6
16-5	04\10\96	16:45	20.78	7.89	46.00	29.90	98.80	7.37	12.6
16-5	04\10\96	17:00	20.80	7.89	45.60	29.60	98.90	7.38	12.6
16-5	04\10\96	17:15	20.94	7.92	45.30	29.40	102.50	7.64	12.6
16-5	04\10\96	17:30	20.98	7.93	45.20	29.30	104.30	7.77	12.6
16-5	04\10\96	17:45	21.08	7.95	44.60	28.80	106.80	7.96	12.6
16-5	04\10\96	18:00	21.13	7.97	43.70	28.20	109.50	8.19	12.6
16-5	04\10\96	18:15	21.14	7.98	43.10	27.80	110.50	8.29	12.6
16-5	04\10\96	18:30	21.16	7.99	42.60	27.40	109.90	8.26	12.6
16-5	04\10\96	18:45	20.94	7.97	42.70	27.50	107.60	8.12	12.6
16-5	04\10\96	19:00	20.85	7.96	42.30	27.20	106.60	8.06	12.6
16-5	04\10\96	19:15	20.77	7.96	42.30	27.20	104.60	7.93	12.4
16-5	04\10\96	19:30	20.80	7.94	42.40	27.30	101.50	7.68	12.6
16-5	04\10\96	19:45	20.60	7.92	41.80	26.90	100.40	7.64	12.6
16-5	04\10\96	20:00	20.50	7.91	41.80	26.90	98.90	7.55	12.6

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
16-5	04\10\96	20:15	20.45	7.92	41.70	26.80	98.00	7.49	12.6
16-5	04\10\96	20:30	20.38	7.93	41.60	26.70	97.90	7.50	12.5
16-5	04\10\96	20:45	20.34	7.90	41.20	26.40	97.00	7.44	12.5
16-5	04\10\96	21:00	20.31	7.91	41.20	26.40	96.20	7.40	12.5
16-5	04\10\96	21:15	20.26	7.90	41.10	26.40	96.00	7.38	12.5
16-5	04\10\96	21:30	20.25	7.90	41.00	26.30	95.40	7.35	12.5
16-5	04\10\96	21:45	20.23	7.89	40.90	26.20	94.70	7.30	12.5
16-5	04\10\96	22:00	20.19	7.88	40.80	26.20	93.90	7.24	12.5
16-5	04\10\96	22:15	20.15	7.88	40.70	26.10	93.10	7.19	12.5
16-5	04\10\96	22:30	20.09	7.87	40.60	26.00	92.40	7.15	12.5
16-5	04\10\96	22:45	20.06	7.87	40.50	25.90	91.60	7.09	12.3
16-5	04\10\96	23:00	20.04	7.86	40.30	25.80	91.40	7.09	12.5
16-5	04\10\96	23:15	20.03	7.87	40.20	25.70	91.10	7.07	12.5
16-5	04\10\96	23:30	20.00	7.87	40.00	25.60	91.00	7.07	12.5
16-5	04\10\96	23:45	19.99	7.87	39.90	25.50	90.80	7.06	12.5
16-5	04\11\96	0:00	19.98	7.87	39.70	25.40	91.00	7.08	12.5
16-5	04\11\96	0:15	19.96	7.87	39.60	25.30	90.80	7.07	12.5
16-5	04\11\96	0:30	19.95	7.87	39.50	25.20	90.60	7.06	12.5
16-5	04\11\96	0:45	19.91	7.87	39.40	25.10	90.30	7.04	12.5
16-5	04\11\96	1:00	19.86	7.86	39.30	25.10	89.90	7.02	12.5
16-5	04\11\96	1:15	19.81	7.86	39.20	25.00	89.30	6.99	12.5
16-5	04\11\96	1:30	19.79	7.86	39.00	24.90	88.90	6.97	12.5
16-5	04\11\96	1:45	19.79	7.86	39.00	24.80	88.40	6.92	12.5
16-5	04\11\96	2:00	19.77	7.86	38.80	24.70	87.90	6.89	12.5
16-5	04\11\96	2:15	19.73	7.85	38.70	24.70	87.10	6.84	12.5
16-5	04\11\96	2:30	19.69	7.84	38.80	24.70	86.70	6.81	12.5
16-5	04\11\96	2:45	19.67	7.84	38.70	24.70	85.20	6.70	12.5
16-5	04\11\96	3:00	19.57	7.84	38.80	24.70	84.80	6.68	12.5
16-5	04\11\96	3:15	19.56	7.84	38.60	24.60	84.00	6.62	12.4
16-5	04\11\96	3:30	19.67	7.84	38.60	24.60	84.90	6.68	12.4
16-5	04\11\96	3:45	19.63	7.84	38.50	24.50	86.30	6.80	12.5
16-5	04\11\96	4:00	19.63	7.84	38.60	24.60	85.30	6.71	12.5
16-5	04\11\96	4:15	19.57	7.84	38.80	24.70	85.70	6.75	12.4
16-5	04\11\96	4:30	19.53	7.84	38.90	24.80	84.90	6.69	12.5
16-5	04\11\96	4:45	19.49	7.84	39.10	24.90	84.30	6.64	12.4
16-5	04\11\96	5:00	19.60	7.84	40.40	25.80	83.70	6.54	12.4
16-5	04\11\96	5:15	19.60	7.88	42.90	27.70	84.70	6.55	12.4
16-5	04\11\96	5:30	19.47	7.90	44.00	28.50	85.50	6.60	12.4
16-5	04\11\96	5:45	19.36	7.92	44.90	29.10	86.40	6.65	12.4
16-5	04\11\96	6:00	19.26	7.91	44.90	29.10	86.30	6.66	12.4
16-5	04\11\96	6:15	19.29	7.93	45.70	29.70	85.90	6.60	12.4
16-5	04\11\96	6:30	19.24	7.93	46.20	30.10	86.50	6.64	12.4
16-5	04\11\96	6:45	19.24	7.94	46.30	30.10	86.20	6.61	12.4
16-5	04\11\96	7:00	19.24	7.94	46.50	30.30	86.20	6.61	12.4
16-5	04\11\96	7:15	19.22	7.93	46.60	30.40	86.20	6.61	12.5
16-5	04\11\96	7:30	19.24	7.93	46.60	30.30	86.00	6.59	12.4
16-5	04\11\96	7:45	19.21	7.92	46.60	30.40	86.20	6.60	12.4
16-5	04\11\96	8:00	19.22	7.92	46.70	30.40	86.00	6.59	12.4
16-5	04\11\96	8:15	19.24	7.92	46.70	30.40	86.20	6.60	12.4
16-5	04\11\96	8:30	19.24	7.91	46.70	30.40	86.50	6.62	12.4

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
16-5	04\11\96	8:45	19.28	7.91	46.70	30.40	86.40	6.61	12.4
16-5	04\11\96	9:00	19.34	7.91	46.70	30.40	86.60	6.62	12.4
16-5	04\11\96	9:15	19.37	7.91	46.70	30.40	87.40	6.67	12.5
16-5	04\11\96	9:30	19.41	7.91	46.70	30.40	87.80	6.70	12.3
16-5	04\11\96	9:45	19.45	7.91	46.80	30.40	87.90	6.70	12.4
16-5	04\11\96	10:00	19.50	7.91	46.70	30.40	88.00	6.70	12.4
16-5	04\11\96	10:15	19.57	7.91	46.70	30.40	87.60	6.67	12.4
16-5	04\11\96	10:30	19.65	7.91	46.70	30.40	88.20	6.70	12.4
16-5	04\11\96	10:45	19.70	7.91	46.70	30.40	88.60	6.73	12.4
16-5	04\11\96	11:00	19.86	7.91	46.70	30.40	88.90	6.73	12.4
ML-1	05\09\96	8:00	26.79	7.26	2.43	1.30	70.40	5.58	15.1
ML-1	05\09\96	8:15	26.78	7.25	2.49	1.30	70.10	5.56	15.1
ML-1	05\09\96	8:30	26.77	7.24	2.77	1.50	70.30	5.57	15.1
ML-1	05\09\96	8:45	26.75	7.24	3.31	1.80	70.10	5.54	15.0
ML-1	05\09\96	9:00	26.76	7.24	3.55	1.90	70.00	5.53	15.0
ML-1	05\09\96	9:15	26.77	7.25	3.92	2.10	70.00	5.52	15.0
ML-1	05\09\96	9:30	26.81	7.25	4.21	2.30	69.80	5.49	15.0
ML-1	05\09\96	9:45	26.83	7.23	4.35	2.40	70.20	5.52	15.0
ML-1	05\09\96	10:00	26.85	7.25	4.47	2.40	69.90	5.50	15.0
ML-1	05\09\96	10:15	26.91	7.25	4.60	2.50	70.20	5.51	15.0
ML-1	05\09\96	10:30	26.99	7.27	4.68	2.60	72.10	5.65	14.9
ML-1	05\09\96	10:45	27.00	7.31	4.74	2.60	72.50	5.68	14.9
ML-1	05\09\96	11:00	27.08	7.37	4.87	2.70	75.10	5.87	14.9
ML-1	05\09\96	11:15	27.14	7.38	4.93	2.70	76.30	5.95	14.9
ML-1	05\09\96	11:30	27.20	7.41	4.96	2.70	76.70	5.98	14.9
ML-1	05\09\96	11:45	27.31	7.44	5.02	2.80	78.20	6.08	14.9
ML-1	05\09\96	12:00	27.38	7.41	5.00	2.70	79.10	6.15	14.9
ML-1	05\09\96	12:15	27.63	7.47	5.04	2.80	81.40	6.30	14.9
ML-1	05\09\96	12:30	28.09	7.54	4.91	2.70	85.80	6.58	14.8
ML-1	05\09\96	12:45	28.30	7.57	4.87	2.70	88.90	6.80	14.8
ML-1	05\09\96	13:00	28.31	7.58	4.90	2.70	90.00	6.88	14.8
ML-1	05\09\96	13:15	27.87	7.51	4.93	2.70	84.60	6.52	14.8
ML-1	05\09\96	13:30	27.72	7.47	4.88	2.70	83.50	6.46	14.8
ML-1	05\09\96	13:45	28.71	7.35	4.29	2.30	89.80	6.83	14.8
ML-1	05\09\96	14:00	28.47	7.47	4.52	2.50	89.80	6.86	14.8
ML-1	05\09\96	14:15	28.73	7.51	4.38	2.40	92.30	7.02	14.8
ML-1	05\09\96	14:30	28.50	7.54	4.39	2.40	94.50	7.21	14.8
ML-1	05\09\96	14:45	28.43	7.55	4.48	2.40	93.60	7.15	14.8
ML-1	05\09\96	15:00	28.49	7.54	4.44	2.40	91.60	7.00	14.8
ML-1	05\09\96	15:15	28.71	7.56	4.27	2.30	94.30	7.17	14.7
ML-1	05\09\96	15:30	28.90	7.59	4.11	2.20	92.60	7.03	14.7
ML-1	05\09\96	15:45	28.90	7.59	4.05	2.20	90.40	6.86	14.7
ML-1	05\09\96	16:00	28.71	7.53	4.06	2.20	92.50	7.05	14.7
ML-1	05\09\96	16:15	28.59	7.56	4.08	2.20	93.90	7.17	14.7
ML-1	05\09\96	16:30	28.22	7.55	4.45	2.40	91.30	7.00	14.7
ML-1	05\09\96	16:45	28.26	7.54	4.50	2.50	90.40	6.93	14.7
ML-1	05\09\96	17:00	28.65	7.52	4.37	2.40	94.50	7.20	14.6
ML-1	05\09\96	17:15	28.53	7.50	4.33	2.40	93.00	7.10	14.6
ML-1	05\09\96	17:30	28.48	7.48	4.40	2.40	91.90	7.02	14.6
ML-1	05\09\96	17:45	28.33	7.44	4.69	2.60	88.40	6.76	14.6

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
ML-1	05\09\96	18:00	28.47	7.47	4.87	2.70	89.40	6.82	14.6
ML-1	05\09\96	18:15	28.56	7.60	4.97	2.70	91.40	6.96	14.6
ML-1	05\09\96	18:30	28.61	7.60	5.05	2.80	92.10	7.00	14.6
ML-1	05\09\96	18:45	28.65	7.56	5.19	2.90	91.90	6.98	14.6
ML-1	05\09\96	19:00	28.65	7.55	5.26	2.90	91.70	6.96	14.6
ML-1	05\09\96	19:15	28.68	7.54	5.41	3.00	92.40	7.01	14.6
ML-1	05\09\96	19:30	28.66	7.55	5.53	3.00	92.80	7.04	14.6
ML-1	05\09\96	19:45	28.66	7.57	5.58	3.10	91.50	6.94	14.7
ML-1	05\09\96	20:00	28.62	7.56	5.67	3.10	91.00	6.90	14.6
ML-1	05\09\96	20:15	28.63	7.58	5.78	3.20	88.40	6.70	14.5
ML-1	05\09\96	20:30	28.61	7.58	5.85	3.20	88.70	6.72	14.5
ML-1	05\09\96	20:45	28.61	7.55	5.86	3.20	90.10	6.83	14.5
ML-1	05\09\96	21:00	28.57	7.55	5.74	3.20	90.00	6.83	14.5
ML-1	05\09\96	21:15	28.39	7.60	5.29	2.90	89.00	6.78	14.5
ML-1	05\09\96	21:30	28.38	7.49	5.23	2.90	88.60	6.76	14.6
ML-1	05\09\96	21:45	28.36	7.54	4.83	2.60	90.30	6.90	14.5
ML-1	05\09\96	22:00	28.39	7.55	4.98	2.70	90.00	6.87	14.5
ML-1	05\09\96	22:15	28.30	7.50	4.85	2.70	89.20	6.82	14.5
ML-1	05\09\96	22:30	28.21	7.53	4.81	2.60	88.10	6.75	14.5
ML-1	05\09\96	22:45	28.01	7.51	4.71	2.60	86.80	6.68	14.5
ML-1	05\09\96	23:00	27.99	7.49	4.54	2.50	85.70	6.60	14.4
ML-1	05\09\96	23:15	27.97	7.46	4.38	2.40	84.80	6.53	14.4
ML-1	05\09\96	23:30	27.86	7.43	4.32	2.40	84.10	6.49	14.4
ML-1	05\09\96	23:45	27.83	7.43	4.25	2.30	82.60	6.39	14.4
ML-1	05\10\96	0:00	27.78	7.42	4.16	2.30	81.90	6.34	14.4
ML-1	05\10\96	0:15	27.77	7.41	4.07	2.2	81.3	6.29	14.4
ML-1	05\10\96	0:30	27.72	7.41	3.94	2.10	80.80	6.26	14.4
ML-1	05\10\96	0:45	27.72	7.42	3.80	2.10	81.00	6.28	14.3
ML-1	05\10\96	1:00	27.68	7.39	3.67	2.00	80.10	6.22	14.3
ML-1	05\10\96	1:15	27.66	7.39	3.60	2.00	79.50	6.18	14.3
ML-1	05\10\96	1:30	27.67	7.38	3.38	1.80	79.20	6.16	14.4
ML-1	05\10\96	1:45	27.64	7.37	3.23	1.80	78.10	6.08	14.4
ML-1	05\10\96	2:00	27.59	7.37	3.08	1.70	78.00	6.09	14.4
ML-1	05\10\96	2:15	27.57	7.37	2.94	1.60	77.60	6.05	14.3
ML-1	05\10\96	2:30	27.56	7.37	2.78	1.50	77.30	6.04	14.3
ML-1	05\10\96	2:45	27.52	7.36	2.63	1.40	76.50	5.98	14.3
ML-1	05\10\96	3:00	27.51	7.40	2.47	1.30	76.30	5.97	14.3
ML-1	05\10\96	3:15	27.47	7.34	2.32	1.20	76.30	5.98	14.3
ML-1	05\10\96	3:30	27.47	7.34	2.16	1.20	75.90	5.95	14.3
ML-1	05\10\96	3:45	27.42	7.36	2.03	1.10	75.70	5.94	14.3
ML-1	05\10\96	4:00	27.41	7.32	1.91	1.00	75.20	5.91	14.3
ML-1	05\10\96	4:15	27.37	7.32	1.79	1.00	75.30	5.92	14.3
ML-1	05\10\96	4:30	27.33	7.28	1.69	0.90	74.70	5.88	14.3
ML-1	05\10\96	4:45	27.29	7.31	1.58	0.80	74.20	5.85	14.3
ML-1	05\10\96	5:00	27.25	7.38	1.48	0.80	74.50	5.88	14.3
ML-1	05\10\96	5:15	27.21	7.37	1.39	0.70	73.70	5.82	14.2
ML-1	05\10\96	5:30	27.15	7.37	1.31	0.70	73.70	5.83	14.3
ML-1	05\10\96	5:45	27.11	7.37	1.25	0.70	72.50	5.74	14.2
ML-1	05\10\96	6:00	27.08	7.37	1.19	0.60	72.20	5.72	14.3
ML-1	05\10\96	6:15	27.04	7.37	1.15	0.60	70.80	5.61	14.2

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
ML-1	05\10\96	6:30	26.98	7.37	1.14	0.60	68.50	5.44	14.2
ML-1	05\10\96	6:45	26.95	7.37	1.13	0.60	74.60	5.93	14.0
ML-1	05\10\96	7:00	26.98	7.36	1.13	0.60	74.90	5.95	14.3
ML-1	05\10\96	7:15	26.90	7.31	1.19	0.60	75.40	5.99	14.2
ML-1	05\10\96	7:30	26.96	7.30	1.28	0.70	75.50	5.99	14.2
ML-1	05\10\96	7:45	26.96	7.30	1.46	0.80	74.40	5.90	14.2
ML-1	05\10\96	8:00	27.00	7.35	1.56	0.80	74.20	5.88	14.2
ML-1	05\10\96	8:15	26.97	7.36	1.59	0.80	74.60	5.91	14.2
ML-1	05\10\96	8:30	26.92	7.26	1.68	0.90	73.20	5.80	14.2
ML-1	05\10\96	8:45	26.89	7.28	2.29	1.20	71.70	5.68	14.2
ML-1	05\10\96	9:00	26.99	7.29	2.20	1.20	73.40	5.81	14.2
ML-1	05\10\96	9:15	26.93	7.28	2.57	1.40	72.20	5.71	14.2
ML-1	05\10\96	9:30	26.97	7.28	3.18	1.70	72.50	5.71	14.2
ML-1	05\10\96	9:45	26.96	7.29	3.61	2.00	71.50	5.62	14.2
ML-1	05\10\96	10:00	26.98	7.31	3.99	2.20	70.80	5.56	14.2
ML-1	05\10\96	10:15	27.04	7.31	4.32	2.40	70.80	5.55	14.2
ML-1	05\10\96	10:30	27.08	7.30	4.43	2.40	71.00	5.56	14.2
ML-1	05\10\96	10:45	27.19	7.32	4.51	2.50	72.80	5.69	14.2
ML-1	05\10\96	11:00	27.26	7.34	4.55	2.50	73.30	5.72	14.1
ML-1	05\10\96	11:15	27.26	7.37	4.63	2.50	74.50	5.81	14.1
ML-1	05\10\96	11:30	27.37	7.42	4.80	2.60	77.30	6.01	14.1
ML-1	05\10\96	11:45	27.43	7.40	4.88	2.70	76.20	5.92	14.1
ML-1	05\10\96	12:00	27.52	7.41	4.99	2.70	75.80	5.88	14.1
ML-1	05\10\96	12:15	27.62	7.43	5.10	2.80	76.20	5.89	14.1
ML-1	05\10\96	12:30	27.71	7.46	5.18	2.80	77.80	6.01	14.1
ML-1	05\10\96	12:45	27.93	7.47	4.90	2.70	81.40	6.26	14.1
10-3	6/18/1996	8:00	28.72	7.74	44895	30.00	80.10	5.23	12.4
10-3	6/18/1996	8:15	28.74	7.74	44961	30.00	79.90	5.21	12.4
10-3	6/18/1996	8:30	28.81	7.73	45037	30.10	78.90	5.13	12.4
10-3	6/18/1996	8:45	28.83	7.74	45042	30.10	79.80	5.19	12.4
10-3	6/18/1996	9:00	28.85	7.74	45048	30.10	80.00	5.20	12.4
10-3	6/18/1996	9:15	29.07	7.70	45228	30.20	76.50	4.95	12.3
10-3	6/18/1996	9:30	29.11	7.71	45239	30.20	78.50	5.07	12.3
10-3	6/18/1996	9:45	29.13	7.70	45305	30.30	78.90	5.09	12.4
10-3	6/18/1996	10:00	29.15	7.70	45310	30.30	78.90	5.10	12.3
10-3	6/18/1996	10:15	29.23	7.68	45393	30.40	76.10	4.91	12.3
10-3	6/18/1996	10:30	29.28	7.67	45530	30.50	74.30	4.78	12.3
10-3	6/18/1996	10:45	29.32	7.67	45542	30.50	74.10	4.77	12.4
10-3	6/18/1996	11:00	29.34	7.69	45488	30.40	76.80	4.94	12.3
10-3	6/18/1996	11:15	29.40	7.68	45565	30.50	76.60	4.92	12.3
10-3	6/18/1996	11:30	29.44	7.68	45577	30.50	77.20	4.96	12.3
10-3	6/18/1996	11:45	29.50	7.68	45595	30.50	78.20	5.01	12.3
10-3	6/18/1996	12:00	29.58	7.69	45559	30.50	79.30	5.08	12.3
10-3	6/18/1996	12:15	29.66	7.69	45583	30.50	79.80	5.10	12.3
10-3	6/18/1996	12:30	29.95	7.69	45368	30.30	82.00	5.23	12.3
10-3	6/18/1996	12:45	29.99	7.69	45381	30.30	83.90	5.34	12.3
10-3	6/18/1996	13:00	30.09	7.70	45291	30.30	86.00	5.46	12.3
10-3	6/18/1996	13:15	30.19	7.71	45263	30.30	89.40	5.67	12.3
10-3	6/18/1996	13:30	30.31	7.72	45120	30.20	91.40	5.80	12.2
10-3	6/18/1996	13:45	30.45	7.73	44984	30.10	93.80	5.93	12.3

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
10-3	6/18/1996	14:00	30.53	7.73	44950	30.00	95.10	6.01	12.3
10-3	6/18/1996	14:15	30.65	7.74	44929	30.00	96.50	6.09	12.3
10-3	6/18/1996	14:30	30.69	7.74	44942	30.00	97.70	6.16	12.3
10-3	6/18/1996	14:45	30.75	7.73	45023	30.10	97.90	6.16	12.3
10-3	6/18/1996	15:00	30.79	7.74	45097	30.10	96.10	6.04	12.2
10-3	6/18/1996	15:15	30.65	7.74	45232	30.20	96.20	6.06	12.2
10-3	6/18/1996	15:30	30.73	7.76	45138	30.20	101.50	6.38	12.2
10-3	6/18/1996	15:45	30.73	7.78	45077	30.10	103.70	6.53	12.2
10-3	6/18/1996	16:00	30.73	7.77	45198	30.20	101.90	6.41	12.3
10-3	6/18/1996	16:15	30.69	7.78	45124	30.20	102.20	6.44	12.2
10-3	6/18/1996	16:30	30.69	7.78	45185	30.20	102.50	6.45	12.2
10-3	6/18/1996	16:45	30.69	7.79	45124	30.20	102.70	6.47	12.2
10-3	6/18/1996	17:00	30.71	7.79	45131	30.20	103.90	6.54	12.2
10-3	6/18/1996	17:15	30.67	7.80	45057	30.10	105.40	6.64	12.3
10-3	6/18/1996	17:30	30.67	7.82	45057	30.10	106.30	6.70	12.2
10-3	6/18/1996	17:45	30.67	7.82	44997	30.10	106.90	6.74	12.2
10-3	6/18/1996	18:00	30.63	7.84	44983	30.10	106.70	6.73	12.2
10-3	6/18/1996	18:15	30.59	7.84	44970	30.00	106.50	6.72	12.2
10-3	6/18/1996	18:30	30.57	7.84	44963	30.00	106.50	6.73	12.2
10-3	6/18/1996	18:45	30.57	7.85	44963	30.00	106.80	6.75	12.2
10-3	6/18/1996	19:00	30.55	7.85	44957	30.00	106.70	6.75	12.2
10-3	6/18/1996	19:15	30.57	7.85	44963	30.00	106.30	6.71	12.2
10-3	6/18/1996	19:30	30.59	7.86	44909	30.00	106.80	6.75	12.2
10-3	6/18/1996	19:45	30.63	7.86	44923	30.00	107.70	6.79	12.2
10-3	6/18/1996	20:00	30.65	7.87	44929	30.00	109.00	6.87	12.2
10-3	6/18/1996	20:15	30.65	7.87	44929	30.00	108.60	6.85	12.2
10-3	6/18/1996	20:30	30.65	7.87	44869	30.00	107.30	6.76	12.2
10-3	6/18/1996	20:45	30.61	7.86	44916	30.00	105.90	6.69	12.2
10-3	6/18/1996	21:00	30.63	7.86	44923	30.00	103.90	6.56	12.2
10-3	6/18/1996	21:15	30.57	7.86	44903	30.00	103.20	6.52	12.2
10-3	6/18/1996	21:30	30.59	7.85	44909	30.00	101.50	6.40	12.2
10-3	6/18/1996	21:45	30.55	7.86	44896	30.00	100.20	6.33	12.2
10-3	6/18/1996	22:00	30.53	7.85	44950	30.00	97.60	6.17	12.2
10-3	6/18/1996	22:15	30.51	7.85	44943	30.00	98.90	6.25	12.2
10-3	6/18/1996	22:30	30.47	7.84	44930	30.00	96.90	6.14	12.2
10-3	6/18/1996	22:45	30.57	7.86	44963	30.00	104.20	6.58	12.2
10-3	6/18/1996	23:00	30.55	7.86	44957	30.00	102.70	6.49	12.2
10-3	6/18/1996	23:15	30.47	7.85	44991	30.10	102.20	6.46	12.2
10-3	6/18/1996	23:30	30.35	7.84	45012	30.10	99.80	6.33	12.2
10-3	6/18/1996	23:45	30.33	7.84	45006	30.10	99.10	6.28	12.2
10-3	6/18/1996	0:00	30.27	7.83	44987	30.10	98.10	6.23	12.2
10-3	6/18/1996	0:15	30.25	7.83	45041	30.10	97.70	6.20	12.2
10-3	6/18/1996	0:30	30.21	7.83	45088	30.10	98.10	6.23	12.2
10-3	6/19/1996	0:45	30.23	7.82	45094	30.10	97.50	6.18	12.2
10-3	6/19/1996	1:00	30.27	7.81	45107	30.10	95.70	6.07	12.2
10-3	6/19/1996	1:15	30.29	7.78	45174	30.20	92.30	5.85	12.2
10-3	6/19/1996	1:30	30.21	7.80	45209	30.20	95.30	6.05	12.2
10-3	6/19/1996	1:45	30.25	7.80	45161	30.20	96.60	6.13	12.2
10-3	6/19/1996	2:00	30.25	7.79	45161	30.20	95.60	6.06	12.2
10-3	6/19/1996	2:15	30.23	7.79	45094	30.10	96.30	6.11	12.2

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
10-3	6/19/1996	2:30	30.23	7.79	45155	30.20	97.50	6.18	12.2
10-3	6/19/1996	2:45	30.27	7.78	45168	30.20	95.00	6.02	12.1
10-3	6/19/1996	3:00	30.23	7.77	45155	30.20	93.10	5.91	12.2
10-3	6/19/1996	3:15	30.13	7.77	45123	30.20	93.80	5.97	12.1
10-3	6/19/1996	3:30	30.11	7.77	45117	30.20	94.20	5.99	12.1
10-3	6/19/1996	3:45	30.03	7.77	45031	30.10	94.60	6.03	12.1
10-3	6/19/1996	4:00	30.01	7.77	45086	30.10	94.20	6.00	12.1
10-3	6/19/1996	4:15	30.05	7.76	45158	30.20	93.20	5.94	12.1
10-3	6/19/1996	4:30	29.99	7.76	45200	30.20	93.00	5.92	12.1
10-3	6/19/1996	4:45	29.97	7.76	45193	30.20	92.20	5.88	12.1
10-3	6/19/1996	5:00	29.93	7.76	45181	30.20	92.20	5.87	12.1
10-3	6/19/1996	5:15	29.95	7.76	45187	30.20	91.90	5.85	12.1
10-3	6/19/1996	5:30	29.83	7.77	45090	30.10	92.50	5.91	12.1
10-3	6/19/1996	5:45	29.85	7.75	45156	30.20	89.90	5.74	12.1
10-3	6/19/1996	6:00	29.95	7.75	45187	30.20	88.70	5.65	12.1
10-3	6/19/1996	6:15	29.93	7.76	45181	30.20	88.40	5.63	11.9
10-3	6/19/1996	6:30	29.76	7.77	45132	30.20	88.10	5.63	12.1
10-3	6/19/1996	6:45	29.76	7.78	45192	30.20	87.10	5.58	12.1
10-3	6/19/1996	7:00	29.78	7.78	45138	30.20	87.10	5.57	12.1
10-3	6/19/1996	7:15	29.76	7.78	45192	30.20	86.30	5.52	12.1
10-3	6/19/1996	7:30	29.76	7.78	45192	30.20	85.60	5.47	12.1
10-3	6/19/1996	7:45	29.76	7.77	45192	30.20	85.20	5.44	12.1
10-3	6/19/1996	8:00	29.74	7.78	45126	30.20	85.10	5.45	12.1
10-3	6/19/1996	8:15	29.74	7.78	45126	30.20	85.30	5.46	12.1
10-3	6/19/1996	8:30	29.66	7.78	45102	30.10	85.60	5.48	12.1
10-3	6/19/1996	8:45	29.68	7.78	45108	30.10	85.10	5.45	12.1
10-3	6/19/1996	9:00	29.78	7.77	45198	30.20	86.00	5.49	12.0
10-3	6/19/1996	9:15	29.76	7.76	45192	30.20	87.20	5.58	12.0
10-3	6/19/1996	9:30	29.76	7.74	45192	30.20	86.50	5.53	12.0
10-3	6/19/1996	9:45	29.81	7.72	45204	30.20	85.10	5.43	12.0
10-3	6/19/1996	10:00	29.83	7.72	45271	30.30	84.90	5.42	12.0
10-3	6/19/1996	10:15	29.83	7.72	45271	30.30	84.80	5.42	12.0
10-3	6/19/1996	10:30	29.83	7.72	45271	30.30	85.30	5.44	12.0
10-3	6/19/1996	10:45	29.89	7.71	45289	30.30	83.30	5.31	12.0
10-3	6/19/1996	11:00	29.95	7.71	45308	30.30	84.90	5.42	12.0
10-3	6/19/1996	11:15	29.99	7.70	45320	30.30	84.80	5.41	12.0
10-3	6/19/1996	11:30	30.05	7.71	45339	30.30	86.20	5.48	12.0
10-3	6/19/1996	11:45	30.13	7.71	45304	30.30	86.20	5.47	12.0
10-3	6/19/1996	12:00	30.15	7.71	45310	30.30	86.50	5.50	12.0
10-3	6/19/1996	12:15	30.25	7.70	45342	30.30	86.70	5.50	12.0
10-3	6/19/1996	12:30	30.39	7.70	45327	30.30	87.20	5.51	12.0
10-3	6/19/1996	12:45	30.51	7.69	45125	30.20	88.50	5.60	11.9
10-3	6/19/1996	13:00	30.55	7.70	45078	30.10	89.50	5.65	11.9
10-3	6/19/1996	13:15	30.63	7.71	44983	30.10	91.20	5.75	11.9
13-1	7/15/1996	7:45	31.08	7.94	41813	26.90	88.50	5.59	15.1
13-1	7/15/1996	8:00	31.13	7.99	41938	27.00	85.50	5.39	15.2
13-1	7/15/1996	8:15	31.11	8.00	41992	27.00	84.40	5.32	15.1
13-1	7/15/1996	8:30	31.42	7.97	42636	27.50	81.10	5.07	15.1
13-1	7/15/1996	8:45	31.68	7.95	43936	28.40	76.60	4.75	15.1

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
13-1	7/15/1996	9:00	31.75	7.94	44441	28.80	74.70	4.61	15.0
13-1	7/15/1996	9:15	31.73	7.94	44615	28.90	75.60	4.66	15.0
13-1	7/15/1996	9:30	31.75	7.95	44502	28.80	76.30	4.71	15.0
13-1	7/15/1996	9:45	31.77	7.96	44510	28.80	79.20	4.89	15.0
13-1	7/15/1996	10:00	31.79	7.96	44578	28.90	82.30	5.08	15.0
13-1	7/15/1996	10:15	31.79	7.96	44578	28.90	83.50	5.15	14.9
13-1	7/15/1996	10:30	31.83	7.98	44593	28.90	86.70	5.34	14.7
13-1	7/15/1996	10:45	31.87	7.97	44608	28.90	87.60	5.40	14.9
13-1	7/15/1996	11:00	31.87	7.99	44790	29.00	89.30	5.50	14.9
13-1	7/15/1996	11:15	31.93	7.97	44934	29.10	87.30	5.36	14.9
13-1	7/15/1996	11:30	31.93	7.98	45176	29.30	88.20	5.41	14.9
13-1	7/15/1996	11:45	31.95	7.97	45305	29.40	87.90	5.39	14.9
13-1	7/15/1996	12:00	31.87	7.97	45394	29.50	88.30	5.42	14.8
13-1	7/15/1996	12:15	31.87	7.99	45394	29.50	90.40	5.55	14.9
13-1	7/15/1996	12:30	31.93	7.99	45418	29.50	90.90	5.57	14.8
13-1	7/15/1996	12:45	31.81	8.00	45431	29.50	91.00	5.59	14.8
13-1	7/15/1996	13:00	31.71	8.01	45513	29.50	91.50	5.63	14.8
13-1	7/15/1996	13:15	31.71	8.02	45513	29.50	92.10	5.66	14.8
13-1	7/15/1996	13:30	31.66	8.02	45558	29.60	92.90	5.71	14.8
13-1	7/15/1996	13:45	31.81	8.02	45491	29.50	93.40	5.73	14.8
13-1	7/15/1996	14:00	32.02	8.03	45329	29.40	96.70	5.92	14.7
13-1	7/15/1996	14:15	32.04	8.04	45155	29.30	100.50	6.16	14.8
13-1	7/15/1996	14:30	32.10	8.05	45057	29.20	100.70	6.17	14.7
13-1	7/15/1996	14:45	32.18	8.05	45029	29.20	99.50	6.08	14.7
13-1	7/15/1996	15:00	32.06	8.07	44496	28.80	99.40	6.11	14.7
13-1	7/15/1996	15:15	32.06	8.07	44012	28.50	100.70	6.20	14.7
13-1	7/15/1996	15:30	32.06	8.08	43528	28.10	103.40	6.38	14.7
13-1	7/15/1996	15:45	32.06	8.09	43588	28.10	105.30	6.49	14.6
13-1	7/15/1996	16:00	32.06	8.08	43770	28.30	108.30	6.67	14.7
13-1	7/15/1996	16:15	32.18	8.09	43150	27.80	110.10	6.79	14.7
13-1	7/15/1996	16:30	32.23	8.11	43105	27.80	113.90	7.01	14.7
13-1	7/15/1996	16:45	32.29	8.12	42764	27.60	112.60	6.94	14.6
13-1	7/15/1996	17:00	32.31	8.14	42893	27.60	115.40	7.11	14.6
13-1	7/15/1996	17:15	32.25	8.13	43294	27.90	116.30	7.15	14.7
13-1	7/15/1996	17:30	32.33	8.14	43082	27.80	115.40	7.10	14.7
13-1	7/15/1996	17:45	32.37	8.15	42734	27.50	115.50	7.11	14.6
13-1	7/15/1996	18:00	32.35	8.14	42605	27.40	110.40	6.80	14.6
13-1	7/15/1996	18:15	32.35	8.14	42605	27.40	116.40	7.17	14.6
13-1	7/15/1996	18:30	32.37	8.15	42673	27.50	114.80	7.07	14.6
13-1	7/15/1996	18:45	32.39	8.15	42559	27.40	112.30	6.92	14.7
13-1	7/15/1996	19:00	32.16	8.12	42173	27.10	104.90	6.50	14.6
13-1	7/15/1996	19:15	32.08	8.11	42022	27.00	107.80	6.69	14.6
13-1	7/15/1996	19:30	32.04	8.10	42007	27.00	104.90	6.51	14.6
13-1	7/15/1996	19:45	32.00	8.12	42053	27.00	104.50	6.49	14.5
13-1	7/15/1996	20:00	32.18	8.13	42241	27.20	109.50	6.78	14.5
13-1	7/15/1996	20:15	31.89	8.14	41896	26.90	108.40	6.75	14.5
13-1	7/15/1996	20:30	31.91	8.12	41540	26.70	103.60	6.45	14.5
13-1	7/15/1996	20:45	31.93	8.11	41426	26.60	101.20	6.31	14.3
13-1	7/15/1996	21:00	31.85	8.11	41277	26.50	100.80	6.30	14.5
13-1	7/15/1996	21:15	31.83	8.11	41149	26.40	100.40	6.28	14.5

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
13-1	7/15/1996	21:30	31.89	8.10	40807	26.10	98.80	6.18	14.5
13-1	7/15/1996	21:45	31.87	8.10	40740	26.10	97.30	6.09	14.5
13-1	7/15/1996	22:00	31.83	8.10	40544	26.00	96.40	6.04	14.4
13-1	7/15/1996	22:15	31.81	8.10	40236	25.70	95.70	6.01	14.4
13-1	7/15/1996	22:30	31.85	8.10	40068	25.60	95.60	6.00	14.4
13-1	7/15/1996	22:45	31.87	8.10	39954	25.50	95.30	5.98	14.4
13-1	7/15/1996	23:00	31.87	8.10	39954	25.50	96.10	6.03	14.4
13-1	7/15/1996	23:15	31.83	8.09	39940	25.50	94.80	5.96	14.4
13-1	7/15/1996	23:30	31.89	8.09	40021	25.60	93.60	5.87	14.4
13-1	7/15/1996	23:45	31.73	8.09	40027	25.60	91.00	5.73	14.1
13-1	7/16/1996	0:00	31.89	7.98	41775	26.80	67.40	4.20	14.4
13-1	7/16/1996	0:15	31.85	8.02	42183	27.10	76.60	4.77	14.4
13-1	7/16/1996	0:30	31.85	8.01	42183	27.10	74.40	4.63	14.4
13-1	7/16/1996	0:45	31.85	8.02	42485	27.30	74.80	4.65	14.4
13-1	7/16/1996	1:00	31.79	8.01	42645	27.50	75.20	4.67	14.4
13-1	7/16/1996	1:15	31.79	8.01	42705	27.50	73.30	4.55	14.3
13-1	7/16/1996	1:30	31.79	8.01	42886	27.60	73.40	4.56	14.3
13-1	7/16/1996	1:45	31.75	8.01	42932	27.70	70.90	4.41	14.3
13-1	7/16/1996	2:00	31.79	8.02	43188	27.90	75.50	4.68	14.3
13-1	7/16/1996	2:15	31.77	8.02	43362	28.00	78.10	4.84	14.3
13-1	7/16/1996	2:30	31.73	8.02	43649	28.20	74.60	4.62	14.3
13-1	7/16/1996	2:45	31.68	8.01	43876	28.40	72.30	4.48	14.3
13-1	7/16/1996	3:00	31.66	8.01	43929	28.40	70.60	4.37	14.3
13-1	7/16/1996	3:15	31.60	8.00	44268	28.60	68.50	4.24	14.2
13-1	7/16/1996	3:30	31.60	8.00	44208	28.60	67.70	4.19	14.3
13-1	7/16/1996	3:45	31.35	8.00	43759	28.30	69.80	4.35	14.3
13-1	7/16/1996	4:00	31.19	8.01	43462	28.10	71.30	4.46	14.3
13-1	7/16/1996	4:15	31.17	7.99	43515	28.10	67.00	4.19	14.3
13-1	7/16/1996	4:30	31.01	7.97	43519	28.10	58.10	3.65	14.3
13-1	7/16/1996	4:45	31.03	7.97	43466	28.10	54.80	3.44	14.2
13-1	7/16/1996	5:00	31.05	7.98	43473	28.10	52.90	3.32	14.2
13-1	7/16/1996	5:15	31.07	7.98	43480	28.10	58.00	3.64	14.2
13-1	7/16/1996	5:30	31.01	8.02	43519	28.10	70.30	4.41	14.2
13-1	7/16/1996	5:45	30.58	7.96	43078	27.80	60.30	3.82	14.2
13-1	7/16/1996	6:00	30.28	7.95	42385	27.30	57.50	3.67	14.2
13-1	7/16/1996	6:15	30.32	7.96	42039	27.00	58.10	3.71	14.2
13-1	7/16/1996	6:30	30.36	7.98	41933	27.00	61.40	3.92	14.2
13-1	7/16/1996	6:45	30.40	7.98	41885	26.90	64.00	4.09	14.2
13-1	7/16/1996	7:00	30.23	7.97	41844	26.90	59.50	3.81	14.3
13-1	7/16/1996	7:15	30.26	7.97	41842	26.90	58.50	3.75	14.2
13-1	7/16/1996	7:30	30.26	7.97	41723	26.80	59.50	3.81	14.1
13-1	7/16/1996	7:45	30.30	7.96	41794	26.90	59.90	3.83	14.0
13-1	7/16/1996	8:00	30.19	7.97	41652	26.80	63.20	4.05	14.2
13-1	7/16/1996	8:15	30.21	7.98	41599	26.70	66.10	4.24	14.2
13-1	7/16/1996	8:30	30.31	7.98	41569	26.70	66.20	4.24	14.2
13-1	7/16/1996	8:45	30.59	7.98	41956	27.00	67.10	4.27	14.1
13-1	7/16/1996	9:00	30.94	7.95	43439	28.00	61.90	3.89	14.1
13-1	7/16/1996	9:15	31.05	7.94	44073	28.50	60.40	3.78	14.1
13-1	7/16/1996	9:30	31.07	7.95	43960	28.40	65.10	4.07	14.1
13-1	7/16/1996	9:45	31.00	7.95	43948	28.40	66.10	4.14	14.1

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
13-1	7/16/1996	10:00	31.05	7.96	44073	28.50	71.30	4.46	14.1
13-1	7/16/1996	10:15	31.09	7.98	44267	28.60	75.30	4.70	14.1
13-1	7/16/1996	10:30	31.17	7.97	44416	28.70	77.60	4.84	14.1
13-1	7/16/1996	10:45	31.27	7.98	44392	28.70	79.60	4.96	14.1
13-1	7/16/1996	11:00	31.35	7.98	44602	28.90	79.60	4.94	14.1
13-1	7/16/1996	11:15	31.38	7.98	44850	29.10	79.60	4.94	14.1
13-1	7/16/1996	11:30	31.46	7.98	45000	29.20	81.20	5.02	14.1
13-1	7/16/1996	11:45	31.50	8.01	45196	29.30	84.40	5.22	14.1
13-1	7/16/1996	12:00	31.50	8.01	45196	29.30	88.00	5.44	14.1
13-1	7/16/1996	12:15	31.60	8.01	45173	29.30	91.90	5.67	14.1
13-1	7/16/1996	12:30	31.58	8.02	45166	29.30	95.00	5.86	14.1
13-1	7/16/1996	12:45	31.56	8.04	45158	29.30	96.60	5.97	14.1
14-5	8/20/1996	7:30	29.27	8.16	41744	26.8	102.9	6.70	13.8
14-5	8/20/1996	7:45	29.32	8.16	41747	26.8	101.1	6.58	13.8
14-5	8/20/1996	8:00	29.34	8.16	41812	26.9	99.8	6.49	13.8
14-5	8/20/1996	8:15	29.34	8.17	41812	26.9	99.3	6.46	13.8
14-5	8/20/1996	8:30	29.32	8.17	41806	26.9	99.2	6.45	13.8
14-5	8/20/1996	8:45	29.26	8.17	41790	26.8	99.1	6.45	13.8
14-5	8/20/1996	9:00	29.24	8.17	41785	26.8	99.6	6.49	13.8
14-5	8/20/1996	9:15	29.26	8.17	41849	26.9	98.9	6.44	13.8
14-5	8/20/1996	9:30	29.27	8.16	41922	26.9	99.1	6.45	13.8
14-5	8/20/1996	9:45	29.29	8.16	41928	26.9	97.6	6.35	13.8
14-5	8/20/1996	10:00	29.28	8.17	41914	26.9	99.5	6.48	13.8
14-5	8/20/1996	10:15	29.30	8.17	41979	27.0	100.1	6.51	13.8
14-5	8/20/1996	10:30	29.32	8.16	41984	27.0	99.8	6.48	13.8
14-5	8/20/1996	10:45	29.32	8.16	41984	27.0	100.6	6.54	13.8
14-5	8/20/1996	11:00	29.34	8.16	41990	27.0	101.7	6.61	13.8
14-5	8/20/1996	11:15	29.36	8.16	41995	27.0	102.6	6.66	13.8
14-5	8/20/1996	11:30	29.37	8.17	41950	27.0	104.0	6.75	13.8
14-5	8/20/1996	11:45	29.39	8.17	41955	27.0	106.2	6.89	13.7
14-5	8/20/1996	12:00	29.42	8.18	41953	27.0	106.9	6.94	13.7
14-5	8/20/1996	12:15	29.43	8.18	41907	26.9	109.0	7.07	13.7
14-5	8/20/1996	12:30	29.47	8.18	41919	26.9	109.6	7.11	13.7
14-5	8/20/1996	12:45	29.55	8.17	41882	26.9	109.5	7.09	13.7
14-5	8/20/1996	13:00	29.65	8.18	41843	26.9	113.1	7.31	13.7
14-5	8/20/1996	13:15	29.72	8.18	41874	26.9	115.0	7.43	13.7
14-5	8/20/1996	13:30	29.79	8.19	41824	26.9	118.3	7.63	13.7
14-5	8/20/1996	13:45	29.91	8.19	41859	26.9	117.2	7.55	13.7
14-5	8/20/1996	14:00	30.02	8.18	41903	26.9	118.6	7.62	13.6
14-5	8/20/1996	14:15	30.03	8.19	41894	26.9	120.9	7.76	13.7
14-5	8/20/1996	14:30	30.02	8.19	41962	27.0	120.0	7.71	13.7
14-5	8/20/1996	14:45	29.99	8.20	41883	26.9	120.5	7.74	13.7
14-5	8/20/1996	15:00	29.93	8.22	41865	26.9	127.3	8.19	13.7
14-5	8/20/1996	15:15	29.94	8.22	41879	26.9	127.9	8.23	13.7
14-5	8/20/1996	15:30	30.01	8.23	41888	26.9	128.7	8.27	13.7
14-5	8/20/1996	15:45	30.09	8.23	41912	26.9	129.3	8.30	13.7
14-5	8/20/1996	16:00	30.20	8.22	41883	26.9	128.6	8.24	13.7
14-5	8/20/1996	16:15	30.28	8.22	41908	26.9	131.1	8.39	13.6
14-5	8/20/1996	16:30	30.24	8.22	42015	27.0	131.7	8.43	13.6

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
14-5	8/20/1996	16:45	30.22	8.23	42008	27.0	132.2	8.46	13.6
14-5	8/20/1996	17:00	30.15	8.24	41931	27.0	131.5	8.43	13.6
14-5	8/20/1996	17:15	30.09	8.24	41793	26.9	128.9	8.27	13.6
14-5	8/20/1996	17:30	30.01	8.25	41769	26.8	128.1	8.23	13.6
14-5	8/20/1996	17:45	30.03	8.25	41775	26.8	129.2	8.30	13.6
14-5	8/20/1996	18:00	30.05	8.25	41781	26.8	129.7	8.33	13.6
14-5	8/20/1996	18:15	30.07	8.25	41795	26.9	129.2	8.30	13.6
14-5	8/20/1996	18:30	30.03	8.23	41894	26.9	126.5	8.12	13.6
14-5	8/20/1996	18:45	29.93	8.20	41984	27.0	119.9	7.71	13.6
14-5	8/20/1996	19:00	29.88	8.19	42099	27.1	119.8	7.71	13.5
14-5	8/20/1996	19:15	29.97	8.22	41877	26.9	122.5	7.88	13.4
14-5	8/20/1996	19:30	29.95	8.23	41870	26.9	121.9	7.84	13.5
14-5	8/20/1996	19:45	29.89	8.21	41912	26.9	119.0	7.66	13.6
14-5	8/20/1996	20:00	29.79	8.21	41883	26.9	115.7	7.46	13.6
14-5	8/20/1996	20:15	29.72	8.23	41814	26.9	115.7	7.48	13.5
14-5	8/20/1996	20:30	29.73	8.22	41806	26.9	113.7	7.34	13.5
14-5	8/20/1996	20:45	29.71	8.22	41801	26.9	113.5	7.34	13.5
14-5	8/20/1996	21:00	29.67	8.22	41797	26.9	111.8	7.23	13.7
14-5	8/20/1996	21:15	29.59	8.22	41766	26.8	113.9	7.37	13.5
14-5	8/20/1996	21:30	29.61	8.22	41713	26.8	112.2	7.27	13.5
14-5	8/20/1996	21:45	29.59	8.22	41766	26.8	113.5	7.35	13.4
14-5	8/20/1996	22:00	29.54	8.22	41809	26.9	112.0	7.26	13.4
14-5	8/20/1996	22:15	29.41	8.23	41783	26.8	113.3	7.36	13.4
14-5	8/20/1996	22:30	29.37	8.23	41831	26.9	113.6	7.38	13.4
14-5	8/20/1996	22:45	29.33	8.23	41761	26.8	113.8	7.40	13.4
14-5	8/20/1996	23:00	29.30	8.23	41741	26.8	113.0	7.36	13.4
14-5	8/20/1996	23:15	29.19	8.23	41841	26.9	113.0	7.36	13.4
14-5	8/20/1996	23:30	29.18	8.23	41827	26.9	111.5	7.27	13.4
14-5	8/20/1996	23:45	29.17	8.23	41836	26.9	112.0	7.30	13.4
14-5	8/21/1996	0:00	29.21	8.22	41847	26.9	110.2	7.18	13.4
14-5	8/21/1996	0:15	29.22	8.21	41838	26.9	106.4	6.93	13.4
14-5	8/21/1996	0:30	29.19	8.21	41841	26.9	105.7	6.89	13.4
14-5	8/21/1996	0:45	29.18	8.20	41887	26.9	104.1	6.79	13.4
14-5	8/21/1996	1:00	29.20	8.20	41892	26.9	102.9	6.71	13.4
14-5	8/21/1996	1:15	29.21	8.19	41906	26.9	100.9	6.57	13.4
14-5	8/21/1996	1:30	29.17	8.19	41954	27.0	100.3	6.53	13.3
14-5	8/21/1996	1:45	29.17	8.18	41954	27.0	98.6	6.42	13.3
14-5	8/21/1996	2:00	29.17	8.18	41954	27.0	96.9	6.31	13.4
14-5	8/21/1996	2:15	29.17	8.17	41954	27.0	95.2	6.20	13.3
14-5	8/21/1996	2:30	29.15	8.15	42008	27.0	93.3	6.08	13.3
14-5	8/21/1996	2:45	29.12	8.16	42048	27.0	93.5	6.10	13.2
14-5	8/21/1996	3:00	29.07	8.16	41987	27.0	93.6	6.11	13.2
14-5	8/21/1996	3:15	29.06	8.16	42032	27.0	92.6	6.05	13.2
14-5	8/21/1996	3:30	29.02	8.16	42021	27.0	92.1	6.01	13.2
14-5	8/21/1996	3:45	29.01	8.13	42148	27.1	88.2	5.76	13.2
14-5	8/21/1996	4:00	29.01	8.15	42089	27.1	87.9	5.74	13.3
14-5	8/21/1996	4:15	28.99	8.15	42024	27.0	88.9	5.81	13.2
14-5	8/21/1996	4:30	28.95	8.15	42073	27.1	89.4	5.84	13.2
14-5	8/21/1996	4:45	28.92	8.15	42172	27.1	89.7	5.87	13.1
14-5	8/21/1996	5:00	28.93	8.10	42482	27.3	86.3	5.64	13.4

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
14-5	8/21/1996	5:15	28.82	8.13	42264	27.2	87.3	5.72	13.2
14-5	8/21/1996	5:30	28.80	8.11	42377	27.3	85.7	5.61	13.3
14-5	8/21/1996	5:45	28.80	8.11	42377	27.3	84.5	5.53	13.3
14-5	8/21/1996	6:00	28.78	8.11	42439	27.3	83.3	5.46	13.4
14-5	8/21/1996	6:15	28.78	8.10	42439	27.3	83.2	5.45	13.4
14-5	8/21/1996	6:30	28.78	8.10	42439	27.3	83.1	5.44	13.4
14-5	8/21/1996	6:45	28.76	8.10	42434	27.3	82.5	5.41	13.4
14-5	8/21/1996	7:00	28.76	8.10	42375	27.3	82.8	5.43	13.3
14-5	8/21/1996	7:15	28.76	8.10	42375	27.3	80.8	5.29	13.3
14-5	8/21/1996	7:30	28.66	8.12	42290	27.2	84.8	5.57	13.5
14-5	8/21/1996	7:45	28.50	8.14	42249	27.2	89.8	5.91	13.3
14-5	8/21/1996	8:00	28.38	8.15	42205	27.1	92.7	6.12	13.3
14-5	8/21/1996	8:15	28.35	8.16	42209	27.2	93.3	6.16	13.3
14-5	8/21/1996	8:30	28.35	8.17	42150	27.1	94.2	6.22	13.2
14-5	8/21/1996	8:45	28.37	8.17	42155	27.1	94.7	6.25	13.3
14-5	8/21/1996	9:00	28.35	8.18	42091	27.1	95.4	6.30	13.2
14-5	8/21/1996	9:15	28.33	8.18	42086	27.1	96.2	6.36	13.2
14-5	8/21/1996	9:30	28.33	8.18	42027	27.0	97.6	6.45	13.2
14-5	8/21/1996	9:45	28.38	8.18	42029	27.0	97.0	6.41	13.3
14-5	8/21/1996	10:00	28.42	8.18	41993	27.0	98.2	6.48	13.2
14-5	8/21/1996	10:15	28.46	8.17	42003	27.0	98.1	6.47	13.2
14-5	8/21/1996	10:30	28.50	8.17	42013	27.0	99.9	6.59	13.2
14-5	8/21/1996	10:45	28.56	8.17	42028	27.0	100.9	6.64	13.2
14-5	8/21/1996	11:00	28.52	8.18	42018	27.0	102.1	6.72	13.2
14-5	8/21/1996	11:15	28.59	8.17	42025	27.0	103.8	6.83	13.2
14-5	8/21/1996	11:30	28.60	8.17	42038	27.0	104.8	6.89	13.2
14-5	8/21/1996	11:45	28.68	8.18	41999	27.0	107.3	7.05	13.2
14-5	8/21/1996	12:00	28.76	8.18	42020	27.0	109.7	7.20	13.2
16-5	9/24/1996	7:15	27.94	7.94	46261	30.1	83.6	5.46	12.6
16-5	9/24/1996	7:30	28.04	7.95	46640	30.4	81.8	5.33	12.6
16-5	9/24/1996	7:45	28.19	7.94	47095	30.7	83.5	5.41	12.6
16-5	9/24/1996	8:00	28.25	7.94	47346	30.9	83.8	5.43	12.6
16-5	9/24/1996	8:15	28.27	7.94	47470	31.0	84.1	5.44	12.6
16-5	9/24/1996	8:30	28.27	7.93	47529	31.0	83.1	5.37	12.6
16-5	9/24/1996	8:45	28.31	7.93	47599	31.1	83.0	5.36	12.6
16-5	9/24/1996	9:00	28.33	7.91	47604	31.1	82.3	5.32	12.6
16-5	9/24/1996	9:15	28.38	7.91	47680	31.1	83.1	5.36	12.6
16-5	9/24/1996	9:30	28.42	7.91	47691	31.1	84.2	5.42	12.5
16-5	9/24/1996	9:45	28.54	7.91	47725	31.2	85.8	5.52	12.5
16-5	9/24/1996	10:00	28.56	7.91	47731	31.2	87.0	5.59	12.6
16-5	9/24/1996	10:15	28.64	7.93	47695	31.1	88.6	5.68	12.5
16-5	9/24/1996	10:30	28.70	7.92	47713	31.1	87.3	5.60	12.5
16-5	9/24/1996	10:45	28.70	7.92	47654	31.1	91.0	5.84	12.5
16-5	9/24/1996	11:00	28.74	7.92	47665	31.1	92.4	5.92	12.5
16-5	9/24/1996	11:15	28.80	7.93	47624	31.1	93.4	5.98	12.5
16-5	9/24/1996	11:30	28.85	7.94	47701	31.1	91.6	5.86	12.5
16-5	9/24/1996	11:45	28.86	7.93	47691	31.1	90.1	5.76	12.5
16-5	9/24/1996	12:00	28.87	7.93	47707	31.1	91.0	5.82	12.4
16-5	9/24/1996	12:15	28.97	7.95	47677	31.1	94.5	6.03	12.6

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
16-5	9/24/1996	12:30	28.93	7.94	47666	31.1	91.8	5.86	12.5
16-5	9/24/1996	12:45	28.97	7.95	47677	31.1	92.7	5.92	12.5
16-5	9/24/1996	13:00	29.08	7.98	47521	31.0	103.8	6.62	12.5
16-5	9/24/1996	13:15	29.18	8.00	47433	30.9	108.1	6.88	12.5
16-5	9/24/1996	13:30	29.42	8.04	47330	30.9	118.0	7.48	12.5
16-5	9/24/1996	13:45	29.61	8.09	47225	30.8	126.5	8.00	12.5
16-5	9/24/1996	14:00	29.69	8.09	47191	30.8	132.4	8.36	12.5
16-5	9/24/1996	14:15	29.57	8.09	47034	30.6	125.6	7.95	12.5
16-5	9/24/1996	14:30	29.54	8.07	46715	30.4	125.9	7.99	12.5
16-5	9/24/1996	14:45	29.65	8.10	46703	30.4	126.6	8.02	12.5
16-5	9/24/1996	15:00	29.83	8.11	46812	30.5	129.7	8.19	12.5
16-5	9/24/1996	15:15	29.87	8.13	46765	30.5	142.7	9.00	12.5
16-5	9/24/1996	15:30	29.85	8.11	46699	30.4	132.7	8.38	12.5
16-5	9/24/1996	15:45	29.89	8.13	46653	30.4	134.7	8.50	12.5
16-5	9/24/1996	16:00	29.83	8.13	46574	30.3	139.1	8.79	12.5
16-5	9/24/1996	16:15	29.84	8.13	46530	30.3	136.8	8.64	12.5
16-5	9/24/1996	16:30	29.74	8.13	46319	30.1	135.6	8.59	12.4
16-5	9/24/1996	16:45	29.75	8.14	46191	30.0	135.9	8.62	12.4
16-5	9/24/1996	17:00	29.63	8.13	45984	29.9	129.0	8.20	12.4
16-5	9/24/1996	17:15	29.57	8.14	45778	29.7	133.6	8.51	12.4
16-5	9/24/1996	17:30	29.71	8.18	45763	29.7	139.1	8.84	12.4
16-5	9/24/1996	17:45	29.48	8.16	45451	29.5	135.2	8.64	12.4
16-5	9/24/1996	18:00	29.50	8.18	45338	29.4	134.6	8.60	12.4
16-5	9/24/1996	18:15	29.42	8.18	45254	29.4	132.6	8.48	12.2
16-5	9/24/1996	18:30	29.35	8.19	45127	29.3	133.5	8.56	12.4
16-5	9/24/1996	18:45	29.30	8.18	45041	29.2	131.8	8.46	12.4
16-5	9/24/1996	19:00	29.24	8.18	44964	29.1	128.8	8.28	12.4
16-5	9/24/1996	19:15	29.55	8.27	45365	29.4	153.9	9.82	12.4
16-5	9/24/1996	19:30	29.71	8.23	45525	29.5	146.5	9.32	12.4
16-5	9/24/1996	19:45	29.52	8.19	45344	29.4	135.7	8.67	12.4
16-5	9/24/1996	20:00	29.27	8.16	45221	29.3	126.1	8.09	12.4
16-5	9/24/1996	20:15	29.23	8.15	45269	29.4	123.2	7.91	12.4
16-5	9/24/1996	20:30	29.22	8.15	45431	29.5	121.4	7.79	12.4
16-5	9/24/1996	20:45	29.22	8.14	45491	29.5	119.4	7.66	12.3
16-5	9/24/1996	21:00	29.19	8.13	45612	29.6	116.7	7.49	12.3
16-5	9/24/1996	21:15	29.17	8.12	45784	29.7	115.6	7.41	12.3
16-5	9/24/1996	21:30	29.15	8.09	46133	30.0	110.8	7.10	12.3
16-5	9/24/1996	21:45	29.10	8.06	46521	30.3	105.5	6.75	12.3
16-5	9/24/1996	22:00	29.02	8.04	46793	30.5	102.3	6.55	12.3
16-5	9/24/1996	22:15	28.97	8.03	46909	30.6	99.9	6.40	12.3
16-5	9/24/1996	22:30	28.93	8.02	47074	30.7	98.2	6.29	12.3
16-5	9/24/1996	22:45	28.91	8.01	47068	30.7	96.7	6.19	12.3
16-5	9/24/1996	23:00	28.87	8.02	47116	30.7	96.4	6.17	12.3
16-5	9/24/1996	23:15	28.84	8.01	47153	30.7	94.7	6.07	12.3
16-5	9/24/1996	23:30	28.78	8.01	47145	30.7	93.5	6.00	12.3
16-5	9/24/1996	23:45	28.77	8.01	47189	30.8	93.2	5.98	12.4
16-5	9/25/1996	0:00	28.72	8.01	47187	30.8	91.7	5.89	12.3
16-5	9/25/1996	0:15	28.71	8.01	47349	30.9	91.6	5.88	12.3
16-5	9/25/1996	0:30	28.60	8.00	47271	30.8	88.2	5.68	12.3
16-5	9/25/1996	0:45	28.70	8.01	47299	30.8	92.3	5.93	12.3

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
16-5	9/25/1996	1:00	28.70	8.00	47299	30.8	91.2	5.86	12.3
16-5	9/25/1996	1:15	28.52	7.99	47307	30.8	86.3	5.56	12.4
16-5	9/25/1996	1:30	28.04	7.95	47110	30.7	74.3	4.83	12.3
16-5	9/25/1996	1:45	28.21	7.97	46982	30.6	77.0	4.99	12.3
16-5	9/25/1996	2:00	28.42	8.00	46866	30.5	80.9	5.23	12.3
16-5	9/25/1996	2:15	28.37	8.01	46849	30.5	83.4	5.40	12.3
16-5	9/25/1996	2:30	28.15	8.01	46672	30.4	83.1	5.40	12.2
16-5	9/25/1996	2:45	28.19	8.03	46624	30.3	85.4	5.55	12.3
16-5	9/25/1996	3:00	28.17	8.03	46619	30.3	86.8	5.64	12.3
16-5	9/25/1996	3:15	28.13	8.02	46608	30.3	83.3	5.42	12.2
16-5	9/25/1996	3:30	27.92	8.02	46432	30.2	83.3	5.44	12.2
16-5	9/25/1996	3:45	28.02	8.04	46340	30.1	86.0	5.61	12.2
16-5	9/25/1996	4:00	28.06	8.03	46401	30.2	85.1	5.55	12.2
16-5	9/25/1996	4:15	28.11	8.05	46308	30.1	87.4	5.70	12.1
16-5	9/25/1996	4:30	28.04	8.04	46287	30.1	84.1	5.49	12.2
16-5	9/25/1996	4:45	28.02	8.05	46164	30.0	86.2	5.63	12.2
16-5	9/25/1996	5:00	28.05	8.06	46116	30.0	85.0	5.55	12.2
16-5	9/25/1996	5:15	28.00	8.04	46159	30.0	85.6	5.59	12.2
16-5	9/25/1996	5:30	27.96	8.04	46149	30.0	84.5	5.52	12.2
16-5	9/25/1996	5:45	27.92	8.05	46021	29.9	84.6	5.54	12.2
16-5	9/25/1996	6:00	27.90	8.06	45898	29.8	85.2	5.58	12.2
16-5	9/25/1996	6:15	27.23	7.96	46431	30.2	71.9	4.75	12.2
16-5	9/25/1996	6:30	27.76	8.02	46098	30.0	75.9	4.98	12.2
16-5	9/25/1996	6:45	27.76	8.01	46157	30.0	75.3	4.94	12.2
16-5	9/25/1996	7:00	27.86	8.04	46064	29.9	80.5	5.27	12.2
16-5	9/25/1996	7:15	27.86	8.05	46182	30.0	81.6	5.34	12.2
16-5	9/25/1996	7:30	27.82	8.03	46230	30.1	80.3	5.26	12.0
16-5	9/25/1996	7:45	27.80	8.03	46226	30.1	78.5	5.15	12.2
16-5	9/25/1996	8:00	27.75	8.02	46269	30.1	77.2	5.06	12.2
16-5	9/25/1996	8:15	27.67	8.00	46308	30.1	75.4	4.95	12.2
16-5	9/25/1996	8:30	27.71	7.98	46435	30.2	76.1	4.99	12.1
16-5	9/25/1996	8:45	27.80	7.98	46636	30.4	78.2	5.12	12.1
16-5	9/25/1996	9:00	27.88	7.97	46951	30.6	81.7	5.33	12.1
16-5	9/25/1996	9:15	27.92	7.97	47079	30.7	82.7	5.39	12.1
16-5	9/25/1996	9:30	27.96	7.97	47148	30.7	84.7	5.51	12.2
16-5	9/25/1996	9:45	28.07	7.98	47239	30.8	87.1	5.66	12.1
16-5	9/25/1996	10:00	28.17	7.98	47266	30.8	89.1	5.78	12.0
16-5	9/25/1996	10:15	28.25	7.98	47229	30.8	91.2	5.90	12.1
16-5	9/25/1996	10:30	28.35	7.99	47315	30.9	92.5	5.98	12.1
16-5	9/25/1996	10:45	28.40	8.00	47273	30.8	94.4	6.09	12.1
16-5	9/25/1996	11:00	28.50	8.01	47242	30.8	95.7	6.17	12.1
16-5	9/25/1996	11:15	28.56	8.01	47200	30.8	97.5	6.28	12.1
16-5	9/25/1996	11:30	28.59	8.03	47374	30.9	96.0	6.18	12.1
16-5	9/25/1996	11:45	28.64	8.03	47341	30.9	99.5	6.39	12.1
16-5	9/25/1996	12:00	28.70	8.06	47358	30.9	101.1	6.49	12.1
16-5	9/25/1996	12:15	28.74	8.06	47370	30.9	103.7	6.65	12.1
16-5	9/25/1996	12:30	28.76	8.03	47376	30.9	104.8	6.72	12.1
16-5	9/25/1996	12:45	28.80	8.08	47388	30.9	108.3	6.94	12.1
16-5	9/25/1996	13:00	28.78	8.06	47382	30.9	98.3	6.30	12.1
16-5	9/25/1996	13:15	28.81	8.05	47393	30.9	103.5	6.63	12.1

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
MU-1	10/22/1996	13:45	22.70	6.79	284	0.1	85.70	7.38	14.3
MU-1	10/22/1996	14:00	22.96	6.87	284	0.1	85.30	7.31	14.2
MU-1	10/22/1996	14:15	22.78	6.73	290	0.1	84.20	7.25	14.2
MU-1	10/22/1996	14:30	22.89	6.74	288	0.1	85.10	7.31	14.2
MU-1	10/22/1996	14:45	23.35	6.73	286	0.1	84.30	7.18	14.2
MU-1	10/22/1996	15:00	23.03	6.72	289	0.1	84.50	7.24	14.2
MU-1	10/22/1996	15:15	23.08	6.85	288	0.1	85.30	7.30	14.2
MU-1	10/22/1996	15:30	23.11	6.84	288	0.1	84.50	7.22	14.2
MU-1	10/22/1996	15:45	23.43	6.88	287	0.1	85.40	7.26	14.1
MU-1	10/22/1996	16:00	23.32	6.89	289	0.1	85.50	7.28	14.2
MU-1	10/22/1996	16:15	23.10	6.88	287	0.1	84.30	7.21	14.2
MU-1	10/22/1996	16:30	23.54	6.88	285	0.1	84.30	7.15	14.2
MU-1	10/22/1996	16:45	23.48	6.88	283	0.1	85.60	7.27	14.2
MU-1	10/22/1996	17:00	23.44	6.88	282	0.1	84.30	7.17	14.2
MU-1	10/22/1996	17:15	23.35	6.87	282	0.1	84.30	7.18	14.2
MU-1	10/22/1996	17:30	23.25	6.88	282	0.1	84.40	7.20	14.1
MU-1	10/22/1996	17:45	23.26	6.87	281	0.1	84.10	7.17	14.1
MU-1	10/22/1996	18:00	23.31	6.88	281	0.1	84.70	7.21	14.0
MU-1	10/22/1996	18:15	23.32	6.87	281	0.1	85.10	7.25	14.1
MU-1	10/22/1996	18:30	23.34	6.87	281	0.1	85.20	7.25	14.1
MU-1	10/22/1996	18:45	23.34	6.88	281	0.1	85.20	7.25	14.1
MU-1	10/22/1996	19:00	23.35	6.88	281	0.1	85.10	7.25	14.1
MU-1	10/22/1996	19:15	23.34	6.88	281	0.1	84.70	7.21	14.1
MU-1	10/22/1996	19:30	23.28	6.87	281	0.1	84.50	7.20	14.1
MU-1	10/22/1996	19:45	23.23	6.87	281	0.1	84.20	7.18	14.1
MU-1	10/22/1996	20:00	23.17	6.88	281	0.1	83.40	7.12	14.1
MU-1	10/22/1996	20:15	23.16	6.87	281	0.1	83.10	7.10	14.1
MU-1	10/22/1996	20:30	23.14	6.87	282	0.1	82.90	7.09	14.0
MU-1	10/22/1996	20:45	23.08	6.87	282	0.1	82.30	7.04	14.0
MU-1	10/22/1996	21:00	23.07	6.88	282	0.1	82.20	7.03	14.0
MU-1	10/22/1996	21:15	23.05	6.88	282	0.1	82.00	7.02	14.0
MU-1	10/22/1996	21:30	23.02	6.89	282	0.1	82.20	7.04	14.0
MU-1	10/22/1996	21:45	23.01	6.89	282	0.1	82.90	7.10	14.0
MU-1	10/22/1996	22:00	22.98	6.89	282	0.1	83.20	7.13	14.0
MU-1	10/22/1996	22:15	22.96	6.89	282	0.1	83.40	7.15	14.0
MU-1	10/22/1996	22:30	22.96	6.90	282	0.1	83.90	7.19	14.0
MU-1	10/22/1996	22:45	22.96	6.90	281	0.1	84.20	7.22	14.0
MU-1	10/22/1996	23:00	22.96	6.90	282	0.1	84.00	7.20	14.0
MU-1	10/22/1996	23:15	22.92	6.90	282	0.1	83.20	7.14	14.0
MU-1	10/22/1996	23:30	22.96	6.91	281	0.1	83.70	7.18	14.0
MU-1	10/22/1996	23:45	22.99	6.91	281	0.1	83.20	7.13	13.9
MU-1	10/23/1996	0:00	22.91	6.90	282	0.1	82.80	7.11	13.9
MU-1	10/23/1996	0:15	22.87	6.90	281	0.1	82.80	7.11	13.9
MU-1	10/23/1996	0:30	22.90	6.90	281	0.1	82.80	7.11	13.9
MU-1	10/23/1996	0:45	22.87	6.90	281	0.1	81.50	7.00	13.9
MU-1	10/23/1996	1:00	22.85	6.90	281	0.1	82.10	7.06	13.9
MU-1	10/23/1996	1:15	22.83	6.90	281	0.1	81.40	7.00	13.9
MU-1	10/23/1996	1:30	22.83	6.90	281	0.1	79.50	6.83	13.9
MU-1	10/23/1996	1:45	22.80	6.90	281	0.1	79.00	6.80	13.9

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
MU-1	10/23/1996	2:00	22.78	6.90	281	0.1	78.90	6.79	13.9
MU-1	10/23/1996	2:15	22.76	6.90	281	0.1	78.90	6.79	13.9
MU-1	10/23/1996	2:30	22.74	6.90	281	0.1	80.30	6.92	13.9
MU-1	10/23/1996	2:45	22.74	6.90	281	0.1	78.80	6.78	13.9
MU-1	10/23/1996	3:00	22.74	6.90	281	0.1	78.10	6.72	13.9
MU-1	10/23/1996	3:15	22.69	6.90	282	0.1	78.10	6.73	13.9
MU-1	10/23/1996	3:30	22.74	6.90	283	0.1	77.50	6.67	13.9
MU-1	10/23/1996	3:45	22.69	6.90	283	0.1	77.40	6.67	13.9
MU-1	10/23/1996	4:00	22.73	6.90	286	0.1	78.40	6.75	13.9
MU-1	10/23/1996	4:15	22.69	6.91	286	0.1	77.90	6.71	13.8
MU-1	10/23/1996	4:30	22.67	6.90	287	0.1	78.60	6.78	13.8
MU-1	10/23/1996	4:45	22.67	6.90	286	0.1	79.00	6.81	13.8
MU-1	10/23/1996	5:00	22.67	6.89	284	0.1	79.10	6.82	13.8
MU-1	10/23/1996	5:15	22.64	6.89	282	0.1	79.50	6.86	13.8
MU-1	10/23/1996	5:30	22.65	6.89	282	0.1	79.80	6.89	13.8
MU-1	10/23/1996	5:45	22.63	6.89	282	0.1	80.10	6.91	13.8
MU-1	10/23/1996	6:00	22.62	6.89	282	0.1	80.70	6.97	13.8
MU-1	10/23/1996	6:15	22.64	6.89	281	0.1	81.00	6.99	13.8
MU-1	10/23/1996	6:30	22.70	6.90	281	0.1	81.30	7.01	13.7
MU-1	10/23/1996	6:45	22.71	6.89	281	0.1	81.80	7.05	13.8
MU-1	10/23/1996	7:00	22.76	6.90	281	0.1	81.70	7.03	13.7
MU-1	10/23/1996	7:15	22.76	6.89	281	0.1	81.70	7.03	13.8
MU-1	10/23/1996	7:30	22.85	6.89	281	0.1	81.60	7.01	13.7
MU-1	10/23/1996	7:45	22.89	6.89	281	0.1	81.00	6.96	13.8
MU-1	10/23/1996	8:00	22.93	6.89	281	0.1	80.80	6.93	13.9
MU-1	10/23/1996	8:15	22.93	6.89	281	0.1	80.20	6.88	13.8
MU-1	10/23/1996	8:30	22.96	6.88	281	0.1	79.90	6.85	13.8
MU-1	10/23/1996	8:45	22.98	6.88	281	0.1	79.70	6.84	13.7
MU-1	10/23/1996	9:00	23.01	6.88	281	0.1	79.20	6.78	13.8
MU-1	10/23/1996	9:15	23.05	6.88	281	0.1	78.70	6.74	13.7
MU-1	10/23/1996	9:30	23.10	6.88	281	0.1	78.10	6.68	13.7
MU-1	10/23/1996	9:45	23.12	6.89	282	0.1	78.10	6.68	13.7
MU-1	10/23/1996	10:00	23.16	6.81	282	0.1	78.00	6.67	13.7
MU-1	10/23/1996	10:15	23.19	6.81	282	0.1	78.30	6.68	13.6
MU-1	10/23/1996	10:30	23.21	6.84	282	0.1	78.50	6.70	13.7
MU-1	10/23/1996	10:45	23.28	6.81	282	0.1	78.50	6.69	13.7
MU-1	10/23/1996	11:00	23.32	6.84	282	0.1	78.60	6.69	13.6
MU-1	10/23/1996	11:15	23.37	6.88	281	0.1	78.30	6.66	13.7
MU-1	10/23/1996	11:30	23.41	6.90	281	0.1	76.30	6.49	13.7
MU-1	10/23/1996	11:45	23.56	6.90	281	0.1	77.50	6.57	13.7
MU-1	10/23/1996	12:00	23.66	6.90	281	0.1	78.50	6.65	13.6
MU-1	10/23/1996	12:15	23.64	6.90	281	0.1	78.90	6.68	13.7
MU-1	10/23/1996	12:30	23.99	6.90	281	0.1	79.10	6.66	13.7
MU-1	10/23/1996	12:45	24.06	6.90	282	0.1	78.80	6.62	13.7
MU-1	10/23/1996	13:00	23.80	6.61	281	0.1	79.20	6.69	13.7
MU-1	10/23/1996	13:15	24.10	6.58	281	0.1	79.30	6.66	13.7
MU-1	10/23/1996	13:30	24.17	6.51	280	0.1	78.60	6.59	13.7
MU-1	10/23/1996	13:45	24.63	6.87	280	0.1	78.40	6.52	13.6
MU-1	10/23/1996	14:00	23.79	6.77	281	0.1	78.00	6.59	13.6
MU-1	10/23/1996	14:15	23.63	6.79	282	0.1	77.40	6.55	13.6

Hydro 2

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
MU-1	10/23/1996	14:30	23.90	6.78	282	0.1	76.30	6.43	13.6
14-3	11/19/1996	7:45	20.64	8.05	#####	27.80	109.60	8.30	14.8
14-3	11/19/1996	8:00	20.93	8.05	#####	27.90	107.50	8.09	14.8
14-3	11/19/1996	8:15	20.80	8.05	#####	28.00	105.50	7.96	14.8
14-3	11/19/1996	8:30	20.73	8.06	#####	27.90	107.10	8.09	14.8
14-3	11/19/1996	8:45	20.67	8.05	#####	27.90	103.90	7.86	14.8
14-3	11/19/1996	9:00	20.65	8.06	#####	27.90	105.00	7.94	14.8
14-3	11/19/1996	9:15	20.54	8.00	#####	27.90	103.70	7.86	14.8
14-3	11/19/1996	9:30	20.41	7.96	#####	27.80	90.70	6.90	14.7
14-3	11/19/1996	9:45	20.50	7.99	#####	27.80	92.60	7.03	14.7
14-3	11/19/1996	10:00	20.57	7.98	#####	27.90	90.40	6.85	14.7
14-3	11/19/1996	10:15	20.99	8.03	#####	27.90	95.50	7.18	14.6
14-3	11/19/1996	10:30	20.99	8.04	#####	27.90	88.30	6.64	14.7
14-3	11/19/1996	10:45	20.77	8.03	#####	28.10	86.80	6.55	14.7
14-3	11/19/1996	11:00	21.11	8.06	#####	27.90	93.40	7.00	14.7
14-3	11/19/1996	11:15	20.99	8.03	#####	28.00	93.50	7.03	14.6
14-3	11/19/1996	11:30	20.89	8.01	#####	27.90	96.00	7.23	14.6
14-3	11/19/1996	11:45	21.09	8.05	#####	27.90	99.30	7.45	14.6
14-3	11/19/1996	12:00	21.15	8.07	#####	27.90	108.40	8.12	14.6
14-3	11/19/1996	12:15	21.13	8.08	#####	27.90	109.30	8.20	14.6
14-3	11/19/1996	12:30	21.06	8.07	#####	27.90	103.70	7.79	14.6
14-3	11/19/1996	12:45	21.37	8.10	#####	27.80	110.10	8.22	14.6
14-3	11/19/1996	13:00	21.78	8.09	#####	27.70	111.70	8.28	14.5
14-3	11/19/1996	13:15	21.87	8.10	#####	27.70	113.00	8.37	14.5
14-3	11/19/1996	13:30	21.98	8.10	#####	27.70	114.00	8.42	14.5
14-3	11/19/1996	13:45	21.98	8.11	#####	27.70	115.40	8.52	14.5
14-3	11/19/1996	14:00	22.13	8.10	#####	27.70	115.30	8.49	14.5
14-3	11/19/1996	14:15	22.10	8.11	#####	27.70	116.80	8.61	14.5
14-3	11/19/1996	14:30	22.24	8.11	#####	27.70	116.60	8.57	14.5
14-3	11/19/1996	14:45	22.30	8.11	#####	27.70	117.00	8.59	14.5
14-3	11/19/1996	15:00	22.39	8.11	#####	27.70	118.00	8.65	14.4
14-3	11/19/1996	15:15	22.41	8.12	#####	27.70	118.40	8.68	14.5
14-3	11/19/1996	15:30	22.46	8.13	#####	27.70	119.80	8.77	14.4
14-3	11/19/1996	15:45	22.51	8.16	#####	27.70	125.70	9.19	14.6
14-3	11/19/1996	16:00	22.53	8.17	#####	27.70	128.90	9.42	14.5
14-3	11/19/1996	16:15	22.53	8.17	#####	27.70	130.30	9.52	14.5
14-3	11/19/1996	16:30	22.49	8.18	#####	27.70	130.00	9.51	14.5
14-3	11/19/1996	16:45	22.49	8.18	#####	27.70	129.20	9.45	14.5
14-3	11/19/1996	17:00	22.48	8.18	#####	27.70	128.10	9.38	14.4
14-3	11/19/1996	17:15	22.33	8.20	#####	27.80	129.40	9.49	14.4
14-3	11/19/1996	17:30	22.26	8.20	#####	27.80	137.20	10.08	14.4
14-3	11/19/1996	17:45	22.28	8.20	#####	27.70	132.40	9.72	14.5
14-3	11/19/1996	18:00	22.28	8.20	#####	27.70	129.40	9.50	14.4
14-3	11/19/1996	18:15	22.32	8.19	#####	27.70	130.30	9.56	14.3
14-3	11/19/1996	18:30	22.33	8.19	#####	27.70	130.00	9.54	14.4
14-3	11/19/1996	18:45	22.33	8.20	#####	27.70	129.40	9.49	14.4
14-3	11/19/1996	19:00	22.26	8.19	#####	27.70	128.00	9.40	14.4
14-3	11/19/1996	19:15	22.26	8.19	#####	27.70	127.90	9.39	14.3
14-3	11/19/1996	19:30	22.17	8.19	#####	27.70	127.20	9.36	14.3

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
14-3	11/19/1996	19:45	22.17	8.20	#####	27.80	131.30	9.66	14.3
14-3	11/19/1996	20:00	22.11	8.21	#####	27.70	129.90	9.57	14.3
14-3	11/19/1996	20:15	22.09	8.19	#####	27.80	126.10	9.29	14.3
14-3	11/19/1996	20:30	21.94	8.22	#####	27.70	130.60	9.65	14.3
14-3	11/19/1996	20:45	21.94	8.20	#####	27.80	126.70	9.36	14.3
14-3	11/19/1996	21:00	21.93	8.20	#####	27.80	125.30	9.26	14.3
14-3	11/19/1996	21:15	21.94	8.19	#####	27.80	124.30	9.18	14.3
14-3	11/19/1996	21:30	21.88	8.18	#####	27.80	122.40	9.05	14.3
14-3	11/19/1996	21:45	21.84	8.18	#####	27.90	121.90	9.02	14.3
14-3	11/19/1996	22:00	21.82	8.18	#####	27.90	120.80	8.94	14.3
14-3	11/19/1996	22:15	21.78	8.18	#####	27.90	120.40	8.92	14.3
14-3	11/19/1996	22:30	21.77	8.17	#####	27.90	119.80	8.87	14.2
14-3	11/19/1996	22:45	21.75	8.16	#####	27.90	117.60	8.71	14.2
14-3	11/19/1996	23:00	21.72	8.17	#####	27.90	120.00	8.89	14.2
14-3	11/19/1996	23:15	21.68	8.17	#####	28.00	120.50	8.93	14.2
14-3	11/19/1996	23:30	21.69	8.17	#####	27.90	117.30	8.70	14.2
14-3	11/19/1996	23:45	21.66	8.17	#####	28.00	118.90	8.82	14.2
14-3	11/20/1996	0:00	21.71	8.19	#####	27.90	120.40	8.93	14.2
14-3	11/20/1996	0:15	21.73	8.18	#####	27.90	119.90	8.89	14.2
14-3	11/20/1996	0:30	21.73	8.18	#####	27.90	119.30	8.84	14.2
14-3	11/20/1996	0:45	21.71	8.18	#####	27.90	119.10	8.83	14.2
14-3	11/20/1996	1:00	21.71	8.19	#####	27.90	119.70	8.88	14.1
14-3	11/20/1996	1:15	21.74	8.19	#####	27.90	118.80	8.81	14.1
14-3	11/20/1996	1:30	21.78	8.19	#####	27.80	118.70	8.79	14.1
14-3	11/20/1996	1:45	21.77	8.19	#####	27.80	119.50	8.85	14.1
14-3	11/20/1996	2:00	21.78	8.19	#####	27.80	118.50	8.78	14.1
14-3	11/20/1996	2:15	21.72	8.19	#####	27.80	118.10	8.75	14.3
14-3	11/20/1996	2:30	21.68	8.19	#####	27.80	116.90	8.68	14.1
14-3	11/20/1996	2:45	21.68	8.19	#####	27.80	116.40	8.64	14.1
14-3	11/20/1996	3:00	21.69	8.19	#####	27.80	116.20	8.63	14.1
14-3	11/20/1996	3:15	21.70	8.19	#####	27.80	116.30	8.62	14.2
14-3	11/20/1996	3:30	21.70	8.19	#####	27.80	115.50	8.57	14.0
14-3	11/20/1996	3:45	21.70	8.19	#####	27.80	115.30	8.55	14.0
14-3	11/20/1996	4:00	21.71	8.19	#####	27.80	114.40	8.48	14.0
14-3	11/20/1996	4:15	21.76	8.19	#####	27.80	115.50	8.56	14.1
14-3	11/20/1996	4:30	21.80	8.18	#####	27.80	112.90	8.36	14.0
14-3	11/20/1996	4:45	21.78	8.18	#####	27.80	112.50	8.33	14.0
14-3	11/20/1996	5:00	21.78	8.17	#####	27.80	107.20	7.94	14.0
14-3	11/20/1996	5:15	21.64	8.18	#####	27.90	111.00	8.24	14.0
14-3	11/20/1996	5:30	21.61	8.19	#####	27.80	114.90	8.54	14.0
14-3	11/20/1996	5:45	21.63	8.19	#####	27.80	115.40	8.58	14.0
14-3	11/20/1996	6:00	21.52	8.13	#####	27.90	104.30	7.76	14.0
14-3	11/20/1996	6:15	21.45	8.13	#####	27.90	102.90	7.67	14.0
14-3	11/20/1996	6:30	21.55	8.12	#####	28.00	100.10	7.44	14.0
14-3	11/20/1996	6:45	21.54	8.10	#####	28.00	96.80	7.19	14.0
14-3	11/20/1996	7:00	21.50	8.11	#####	28.10	98.40	7.31	14.0
14-3	11/20/1996	7:15	21.50	8.11	#####	28.10	98.70	7.34	13.9
14-3	11/20/1996	7:30	21.46	8.10	#####	28.20	97.10	7.22	14.0
14-3	11/20/1996	7:45	21.57	8.13	#####	28.00	100.80	7.49	13.9
14-3	11/20/1996	8:00	21.60	8.14	#####	28.00	102.70	7.62	13.9

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
14-3	11/20/1996	8:15	21.61	8.15	#####	28.00	106.40	7.90	13.9
14-3	11/20/1996	8:30	21.59	8.14	#####	27.90	106.10	7.88	13.9
14-3	11/20/1996	8:45	21.60	8.14	#####	27.90	105.80	7.86	14.0
14-3	11/20/1996	9:00	21.55	8.11	#####	27.80	100.60	7.49	13.9
14-3	11/20/1996	9:15	21.57	8.10	#####	27.80	101.20	7.52	13.9
14-3	11/20/1996	9:30	21.65	8.07	#####	28.00	99.20	7.36	13.9
14-3	11/20/1996	9:45	21.62	8.08	#####	27.90	97.40	7.23	13.9
14-3	11/20/1996	10:00	21.68	8.10	#####	28.00	101.50	7.52	13.9
14-3	11/20/1996	10:15	21.73	8.09	#####	28.00	102.50	7.59	13.9
14-3	11/20/1996	10:30	21.78	8.10	#####	28.00	103.40	7.65	13.9
14-3	11/20/1996	10:45	21.83	8.10	#####	28.00	102.90	7.61	13.9
14-3	11/20/1996	11:00	21.91	8.10	#####	28.00	104.60	7.72	13.9
14-3	11/20/1996	11:15	22.01	8.09	#####	27.90	104.80	7.73	13.9
14-3	11/20/1996	11:30	22.05	8.09	#####	27.90	104.80	7.72	13.9
14-3	11/20/1996	11:45	22.21	8.08	#####	27.80	104.20	7.65	13.6
14-3	11/20/1996	12:00	22.42	8.09	#####	27.80	104.90	7.68	13.9
14-3	11/20/1996	12:15	22.44	8.09	#####	27.80	104.90	7.67	13.9
14-3	11/20/1996	12:30	22.41	8.09	#####	27.80	105.20	7.70	13.9
11-4	12/10/1996	14:00	17.82	7.84	45,763	29.70	115.10	9.10	13.2
11-4	12/10/1996	14:15	17.87	7.85	45,638	29.60	117.60	9.30	13.2
11-4	12/10/1996	14:30	17.90	7.85	45,638	29.60	118.20	9.34	13.2
11-4	12/10/1996	14:45	17.92	7.85	45,637	29.60	117.70	9.29	13.2
11-4	12/10/1996	15:00	17.92	7.86	45,581	29.60	118.50	9.36	13.2
11-4	12/10/1996	15:15	17.97	7.87	45,525	29.50	120.00	9.47	13.2
11-4	12/10/1996	15:30	17.97	7.88	45,581	29.60	120.70	9.52	13.1
11-4	12/10/1996	15:45	17.97	7.89	45,637	29.60	121.30	9.57	13.1
11-4	12/10/1996	16:00	18.04	7.90	45,636	29.60	122.90	9.68	13.1
11-4	12/10/1996	16:15	18.01	7.89	45,581	29.60	122.00	9.62	13.0
11-4	12/10/1996	16:30	18.01	7.90	45,581	29.60	121.50	9.58	13.1
11-4	12/10/1996	16:45	18.02	7.91	45,580	29.60	122.10	9.63	13.1
11-4	12/10/1996	17:00	18.02	7.91	45,636	29.60	122.50	9.66	13.1
11-4	12/10/1996	17:15	18.04	7.92	45,636	29.60	123.00	9.69	13.1
11-4	12/10/1996	17:30	18.01	7.93	45,581	29.60	124.40	9.81	13.1
11-4	12/10/1996	17:45	17.99	7.94	45,636	29.60	125.70	9.91	13.1
11-4	12/10/1996	18:00	17.95	7.96	45,581	29.60	127.40	10.06	13.1
11-4	12/10/1996	18:15	17.97	7.95	45,637	29.60	126.30	9.97	13.1
11-4	12/10/1996	18:30	17.92	7.96	45,637	29.60	126.30	9.97	13.0
11-4	12/10/1996	18:45	17.85	7.96	45,638	29.60	127.40	10.08	13.2
11-4	12/10/1996	19:00	17.90	7.98	45,638	29.60	132.90	10.50	13.0
11-4	12/10/1996	19:15	17.84	8.02	45,528	29.60	139.10	11.01	13.0
11-4	12/10/1996	19:30	18.02	7.98	45,691	29.70	134.30	10.58	13.0
11-4	12/10/1996	19:45	18.06	7.97	45,691	29.70	127.50	10.04	13.0
11-4	12/10/1996	20:00	18.06	7.97	45,691	29.70	126.80	9.98	13.0
11-4	12/10/1996	20:15	18.02	7.97	45,691	29.70	126.40	9.96	13.0
11-4	12/10/1996	20:30	18.02	7.98	45,636	29.60	127.10	10.02	13.0
11-4	12/10/1996	20:45	17.95	7.98	45,637	29.60	128.10	10.11	13.0
11-4	12/10/1996	21:00	17.70	7.98	45,586	29.60	129.10	10.24	13.0
11-4	12/10/1996	21:15	17.63	7.98	45,588	29.60	127.60	10.14	13.0
11-4	12/10/1996	21:30	17.56	8.00	45,534	29.60	128.30	10.21	13.0

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
11-4	12/10/1996	21:45	17.60	7.98	45,533	29.60	126.60	10.07	13.0
11-4	12/10/1996	22:00	17.51	7.99	45,535	29.60	126.90	10.11	13.0
11-4	12/10/1996	22:15	17.53	7.99	45,535	29.60	128.50	10.23	13.0
11-4	12/10/1996	22:30	17.60	7.99	45,533	29.60	126.10	10.02	13.0
11-4	12/10/1996	22:45	17.65	7.98	45,587	29.60	124.00	9.85	13.0
11-4	12/10/1996	23:00	17.72	7.96	45,753	29.70	122.00	9.67	12.9
11-4	12/10/1996	23:15	17.63	7.98	45,643	29.60	124.10	9.86	13.0
11-4	12/10/1996	23:30	17.65	7.98	45,643	29.60	123.60	9.81	12.9
11-4	12/10/1996	23:45	17.65	7.98	45,643	29.60	123.90	9.84	12.9
11-4	12/11/1996	0:00	17.72	7.98	45,697	29.70	122.90	9.74	13.0
11-4	12/11/1996	0:15	17.70	7.98	45,697	29.70	123.10	9.76	12.9
11-4	12/11/1996	0:30	17.62	7.98	45,700	29.70	123.90	9.84	12.9
11-4	12/11/1996	0:45	17.58	7.98	45,701	29.70	123.20	9.79	12.9
11-4	12/11/1996	1:00	17.63	7.97	45,755	29.70	121.30	9.63	12.9
11-4	12/11/1996	1:15	17.62	7.97	45,756	29.70	120.80	9.59	12.9
11-4	12/11/1996	1:30	17.58	7.98	45,756	29.70	122.50	9.73	12.9
11-4	12/11/1996	1:45	17.56	7.98	45,757	29.70	123.40	9.81	12.9
11-4	12/11/1996	2:00	17.55	7.98	45,702	29.70	122.80	9.77	12.9
11-4	12/11/1996	2:15	17.46	7.98	45,760	29.70	123.20	9.81	12.9
11-4	12/11/1996	2:30	17.45	7.98	45,705	29.70	122.70	9.78	12.9
11-4	12/11/1996	2:45	17.43	7.98	45,705	29.70	122.20	9.74	12.9
11-4	12/11/1996	3:00	17.43	7.98	45,705	29.70	121.60	9.70	12.9
11-4	12/11/1996	3:15	17.43	7.97	45,705	29.70	120.50	9.61	12.9
11-4	12/11/1996	3:30	17.41	7.97	45,761	29.70	120.40	9.60	12.9
11-4	12/11/1996	3:45	17.38	7.97	45,762	29.70	120.80	9.64	12.8
11-4	12/11/1996	4:00	17.38	7.97	45,762	29.70	120.40	9.61	12.9
11-4	12/11/1996	4:15	17.36	7.97	45,819	29.80	120.50	9.61	12.9
11-4	12/11/1996	4:30	17.36	7.98	45,819	29.80	120.60	9.63	12.9
11-4	12/11/1996	4:45	17.40	7.98	45,817	29.80	120.80	9.63	12.9
11-4	12/11/1996	5:00	17.40	7.97	45,817	29.80	120.50	9.61	12.9
11-4	12/11/1996	5:15	17.39	7.97	45,830	29.80	120.40	9.60	12.9
11-4	12/11/1996	5:30	17.43	7.97	45,873	29.80	119.20	9.50	12.8
11-4	12/11/1996	5:45	17.38	7.96	45,874	29.80	117.70	9.39	12.8
11-4	12/11/1996	6:00	17.40	7.96	45,874	29.80	117.20	9.35	12.8
11-4	12/11/1996	6:15	17.35	7.96	45,875	29.80	117.20	9.35	12.8
11-4	12/11/1996	6:30	17.33	7.96	45,876	29.80	116.80	9.33	12.8
11-4	12/11/1996	6:45	17.31	7.96	45,876	29.80	116.00	9.27	12.8
11-4	12/11/1996	7:00	17.26	7.96	45,878	29.80	115.70	9.25	12.7
11-4	12/11/1996	7:15	17.24	7.96	45,878	29.80	115.00	9.20	12.8
11-4	12/11/1996	7:30	17.19	7.96	45,825	29.80	114.70	9.18	12.8
11-4	12/11/1996	7:45	17.19	7.95	45,881	29.80	113.70	9.10	12.7
11-4	12/11/1996	8:00	17.18	7.94	45,882	29.80	112.70	9.03	12.8
11-4	12/11/1996	8:15	17.13	7.94	45,883	29.80	112.10	8.99	12.8
11-4	12/11/1996	8:30	17.16	7.93	45,882	29.80	112.00	8.97	12.8
11-4	12/11/1996	8:45	17.11	7.93	45,772	29.70	112.60	9.03	12.8
11-4	12/11/1996	9:00	17.18	7.92	45,714	29.70	112.00	8.98	12.8
11-4	12/11/1996	9:15	17.18	7.91	45,826	29.80	112.90	9.04	12.8
11-4	12/11/1996	9:30	17.14	7.91	45,827	29.80	113.20	9.07	12.8
11-4	12/11/1996	9:45	17.09	7.90	45,718	29.70	110.70	8.88	12.8
11-4	12/11/1996	10:00	17.24	7.90	45,600	29.60	110.30	8.83	12.8

**Table 5. Results of Continuous In Situ Measurements Performed
During the Period From January through December 1996.**

Site	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond mS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
11-4	12/11/1996	10:15	17.25	7.90	45,611	29.60	111.30	8.91	12.8
11-4	12/11/1996	10:30	17.41	7.90	45,538	29.60	111.60	8.91	12.8
11-4	12/11/1996	10:45	17.41	7.91	45,594	29.60	112.50	8.98	12.8
11-4	12/11/1996	11:00	17.50	7.91	45,591	29.60	113.00	9.00	12.8
11-4	12/11/1996	11:15	17.50	7.92	45,647	29.60	115.70	9.21	12.8
11-4	12/11/1996	11:30	17.67	7.94	45,420	29.50	119.60	9.50	12.8
11-4	12/11/1996	11:45	17.65	7.93	44,974	29.10	117.70	9.37	12.8
11-4	12/11/1996	12:00	17.53	7.93	45,145	29.30	118.30	9.44	12.8
11-4	12/11/1996	12:15	17.63	7.93	45,309	29.40	119.50	9.50	12.8
11-4	12/11/1996	12:30	17.72	7.93	45,251	29.40	119.90	9.53	12.8
11-4	12/11/1996	12:45	17.73	7.93	45,195	29.30	121.00	9.61	12.8
11-4	12/11/1996	13:00	17.84	7.94	45,137	29.30	121.50	9.63	12.8
11-4	12/11/1996	13:15	17.85	7.93	45,360	29.40	120.60	9.55	12.8
11-4	12/11/1996	13:30	17.95	7.93	45,525	29.50	119.80	9.46	12.8
11-4	12/11/1996	13:45	18.02	7.94	45,413	29.50	121.30	9.57	12.7
11-4	12/11/1996	14:00	18.01	7.93	45,581	29.60	119.70	9.44	12.8
11-4	12/11/1996	14:15	18.01	7.93	45,525	29.50	117.10	9.23	12.8
11-4	12/11/1996	14:30	18.07	7.95	45,524	29.50	122.40	9.64	12.8
11-4	12/11/1996	14:45	18.21	7.96	45,467	29.50	123.50	9.70	12.7

Table 6. UTM Coordinates for Monitoring Stations Sampled During the Period From January through December 1996.

Station	Date	UTM Coordiniates		Lat/Lon Coordnates	
		East	North	North	West
10-1	1/22/1996	17 - 343335.4	3025832.9	27° 20' 48"	082° 35' 02"
10-2	1/22/1996	17 - 344743.1	3025768.5	27° 20' 47"	082° 34' 10"
10-3	1/22/1996	17 - 343182.4	3024066.3	27° 19' 51"	082° 35' 06"
10-4	1/22/1996	17 - 345094.6	3022580.2	27° 19' 03"	082° 33' 56"
10-5	1/22/1996	17 - 346324.7	3022137.3	27° 18' 49"	082° 33' 11"
11-1	1/22/1996	17 - 345010.8	3027111.3	27° 21' 30"	082° 34' 01"
11-2	1/22/1996	17 - 345878.2	3026566.2	27° 21' 13"	082° 33' 30"
11-3	1/22/1996	17 - 346383.8	3025094.6	27° 20' 25"	082° 33' 10"
11-4	1/22/1996	17 - 346610.3	3023570.9	27° 19' 36"	082° 33' 02"
11-5	1/22/1996	17 - 347420.7	3021216.5	27° 18' 20"	082° 32' 31"
13-1	1/23/1996	17 - 346550.4	3019368.5	27° 17' 19"	082° 33' 02"
13-2	1/23/1996	17 - 347318.0	3018595.6	27° 16' 55"	082° 32' 34"
13-3	1/23/1996	17 - 347093.9	3017301.9	27° 16' 13"	082° 32' 41"
13-4	1/23/1996	17 - 347833.5	3016069.7	27° 15' 33"	082° 32' 14"
13-5	1/23/1996	17 - 348995.4	3014435.4	27° 14' 40"	082° 31' 31"
14-1	1/23/1996	17 - 349865.9	3013861.7	27° 14' 22"	082° 30' 59"
14-2	1/23/1996	17 - 350194.6	3012975.3	27° 13' 53"	082° 30' 46"
14-3	1/23/1996	17 - 350330.2	3011261.2	27° 12' 58"	082° 30' 41"
14-4	1/23/1996	17 - 351141.1	3009256.3	27° 11' 53"	082° 30' 10"
14-5	1/23/1996	17 - 352064.0	3007654.5	27° 11' 01"	082° 29' 36"
16-1	1/24/1996	17 - 351902.8	3006868.1	27° 10' 35"	082° 29' 42"
16-2	1/24/1996	17 - 352919.0	3004984.8	27° 09' 35"	082° 29' 04"
16-3	1/24/1996	17 - 353646.0	3004094.0	27° 09' 06"	082° 28' 37"
16-4	1/24/1996	17 - 354068.2	3002749.9	27° 08' 22"	082° 28' 21"
16-5	1/24/1996	17 - 354255.8	3001835.6	27° 07' 53"	082° 28' 14"
LB-1	1/24/1996	17 - 358364.6	2991119.2	27° 02' 06"	082° 25' 40"
LB-2	1/24/1996	17 - 359604.1	2989118.4	27° 01' 02"	082° 24' 55"
LB-3	1/24/1996	17 - 360516.9	2987276.7	27° 00' 02"	082° 24' 21"
LB-4	1/24/1996	17 - 362058.1	2985193.5	26° 58' 55"	082° 23' 24"
LB-5	1/24/1996	17 - 364294.1	2982309.6	26° 57' 22"	082° 22' 02"
ML-1	1/25/1996	17 - 372696.9	2991328.2	27° 02' 18"	082° 17' 00"
ML-2	1/25/1996	17 - 373130.8	2990610.6	27° 01' 55"	082° 16' 44"
ML-3	1/25/1996	17 - 373793.5	2990381.9	27° 01' 48"	082° 16' 20"
ML-4	1/25/1996	17 - 373564.7	2989522.3	27° 01' 20"	082° 16' 28"
ML-5	1/25/1996	17 - 374180.1	2988063.3	27° 00' 32"	082° 16' 05"
MU-1	1/25/1996	17 - 368180.0	2997551.0	27° 05' 39"	082° 19' 47"
MU-2	1/25/1996	17 - 368725.6	2996624.7	27° 05' 09"	082° 19' 27"
MU-3	1/25/1996	17 - 369405.6	2995235.3	27° 04' 24"	082° 19' 01"
MU-4	1/25/1996	17 - 370511.6	2993494.8	27° 03' 28"	082° 18' 21"
MU-5	1/25/1996	17 - 371087.0	2992912.1	27° 03' 09"	082° 18' 00"
10-1	2/15/1996	17 - 344312.6	3026572.2	27° 21' 13"	082° 34' 26"
10-2	2/15/1996	17 - 345036.2	3025203.1	27° 20' 28"	082° 34' 00"
10-3	2/15/1996	17 - 343630.3	3024408.3	27° 20' 02"	082° 34' 50"
10-4	2/15/1996	17 - 345220.6	3021735.7	27° 18' 36"	082° 33' 51"
10-5	2/15/1996	17 - 346073.4	3021436.2	27° 18' 26"	082° 33' 20"
11-1	2/15/1996	17 - 345183.7	3028177.8	27° 22' 05"	082° 33' 56"
11-2	2/15/1996	17 - 346038.8	3025859.7	27° 20' 50"	082° 33' 23"
11-3	2/15/1996	17 - 346038.8	3024605.6	27° 20' 09"	082° 33' 23"
11-4	2/15/1996	17 - 346672.7	3023175.7	27° 19' 23"	082° 32' 59"
11-5	2/15/1996	17 - 347434.8	3021989.2	27° 18' 45"	082° 32' 31"

Table 6. UTM Coordinates for Monitoring Stations Sampled During the Period From January through December 1996.

Station	Date	UTM Coordiniates		Lat/Lon Coordnates	
		East	North	North	West
13-1	2/14/1996	17 - 346535.9	3020000.8	27° 17' 40"	082° 33' 03"
13-2	2/14/1996	17 - 346860.7	3018860.5	27° 17' 03"	082° 32' 50"
13-3	2/14/1996	17 - 347885.9	3016413.9	27° 15' 44"	082° 32' 12"
13-4	2/14/1996	17 - 348174.8	3015620.1	27° 15' 18"	082° 32' 01"
13-5	2/14/1996	17 - 349054.7	3014821.8	27° 14' 53"	082° 31' 29"
14-1	2/14/1996	17 - 349973.2	3013434.1	27° 14' 08"	082° 30' 55"
14-2	2/14/1996	17 - 350014.9	3012336.7	27° 13' 32"	082° 30' 53"
14-3	2/14/1996	17 - 351006.5	3011295.3	27° 12' 59"	082° 30' 16"
14-4	2/14/1996	17 - 351225.7	3008820.2	27° 11' 39"	082° 30' 07"
14-5	2/14/1996	17 - 351490.8	3007891.1	27° 11' 09"	082° 29' 57"
16-1	2/13/1996	17 - 352256.9	3006049.7	27° 10' 09"	082° 29' 29"
16-2	2/13/1996	17 - 352699.6	3005060.0	27° 09' 37"	082° 29' 12"
16-3	2/13/1996	17 - 353191.4	3004187.5	27° 09' 09"	082° 28' 54"
16-4	2/13/1996	17 - 354152.0	3003226.2	27° 08' 38"	082° 28' 18"
16-5	2/13/1996	17 - 354398.9	3002042.5	27° 08' 00"	082° 28' 09"
LB-1	2/13/1996	17 - 357745.1	2992031.6	27° 02' 36"	082° 26' 03"
LB-2	2/13/1996	17 - 359156.7	2989860.5	27° 01' 26"	082° 25' 11"
LB-3	2/13/1996	17 - 361251.6	2986283.3	26° 59' 30"	082° 23' 54"
LB-4	2/13/1996	17 - 362433.1	2983828.7	26° 58' 11"	082° 23' 10"
LB-5	2/13/1996	17 - 363589.8	2982840.8	26° 57' 39"	082° 22' 28"
ML-1	2/12/1996	17 - 372268.7	2991548.4	27° 02' 25"	082° 17' 16"
ML-2	2/12/1996	17 - 373626.0	2990526.0	27° 01' 52"	082° 16' 26"
ML-3	2/12/1996	17 - 373704.7	2990581.5	27° 01' 54"	082° 16' 24"
ML-4	2/12/1996	17 - 373800.9	2988806.0	27° 00' 56"	082° 16' 20"
ML-5	2/12/1996	17 - 374674.3	2987578.3	27° 00' 17"	082° 15' 47"
MU-1	2/12/1996	17 - 368279.1	2997380.2	27° 05' 33"	082° 19' 43"
MU-2	2/12/1996	17 - 368524.5	2996872.6	27° 05' 17"	082° 19' 34"
MU-3	2/12/1996	17 - 369813.2	2994513.7	27° 04' 01"	082° 18' 46"
MU-4	2/12/1996	17 - 370214.4	2993804.1	27° 03' 38"	082° 18' 32"
MU-5	2/12/1996	17 - 371634.8	2992177.4	27° 02' 45"	082° 17' 39"
10-1	3/22/1996	17 - 343680.9	3026659.7	27° 21' 15"	082° 34' 50"
10-2	3/22/1996	17 - 344819.5	3024481.7	27° 20' 05"	082° 34' 07"
10-3	3/22/1996	17 - 342915.9	3023645.2	27° 19' 37"	082° 35' 16"
10-4	3/22/1996	17 - 344924.4	3023454.6	27° 19' 32"	082° 34' 03"
10-5	3/22/1996	17 - 346654.7	3021408.1	27° 18' 26"	082° 32' 59"
11-1	3/22/1996	17 - 344622.7	3027671.4	27° 21' 48"	082° 34' 16"
11-2	3/22/1996	17 - 345536.4	3025900.9	27° 20' 51"	082° 33' 42"
11-3	3/22/1996	17 - 345578.6	3024734.6	27° 20' 13"	082° 33' 40"
11-4	3/22/1996	17 - 347209.1	3023434.9	27° 19' 32"	082° 32' 40"
11-5	3/22/1996	17 - 347044.4	3022097.6	27° 18' 48"	082° 32' 45"
13-1	3/21/1996	17 - 347168.2	3019717.5	27° 17' 31"	082° 32' 40"
13-2	3/21/1996	17 - 346923.4	3018345.0	27° 16' 46"	082° 32' 48"
13-3	3/21/1996	17 - 347578.3	3016850.0	27° 15' 58"	082° 32' 23"
13-4	3/21/1996	17 - 347905.6	3015919.5	27° 15' 28"	082° 32' 11"
13-5	3/21/1996	17 - 349370.2	3014532.5	27° 14' 43"	082° 31' 17"
14-1	3/21/1996	17 - 349336.1	3013725.5	27° 14' 17"	082° 31' 18"
14-2	3/21/1996	17 - 350177.3	3011870.1	27° 13' 17"	082° 30' 47"
14-3	3/21/1996	17 - 350952.2	3010185.5	27° 12' 23"	082° 30' 18"
14-4	3/21/1996	17 - 351304.8	3009908.1	27° 12' 14"	082° 30' 05"
14-5	3/21/1996	17 - 351913.4	3008382.9	27° 11' 25"	082° 29' 42"

Table 6. UTM Coordinates for Monitoring Stations Sampled During the Period From January through December 1996.

Station	Date	UTM Coordiniates		Lat/Lon Coordnates	
		East	North	North	West
16-1	3/19/1996	17 - 352316.5	3006348.0	27° 10' 19"	082° 29' 26"
16-2	3/19/1996	17 - 352891.3	3004730.2	27° 09' 26"	082° 29' 05"
16-3	3/19/1996	17 - 353604.0	3003464.1	27° 08' 45"	082° 28' 38"
16-4	3/19/1996	17 - 354360.3	3002400.6	27° 08' 11"	082° 28' 11"
16-5	3/19/1996	17 - 354269.6	3001503.5	27° 07' 42"	082° 28' 13"
LB-1	3/19/1996	17 - 358576.4	2990732.8	27° 01' 54"	082° 25' 33"
LB-2	3/19/1996	17 - 360098.8	2988094.9	27° 00' 29"	082° 24' 36"
LB-3	3/19/1996	17 - 361552.8	2985965.4	26° 59' 20"	082° 23' 43"
LB-4	3/19/1996	17 - 361969.7	2984775.3	26° 58' 41"	082° 23' 27"
LB-5	3/19/1996	17 - 364230.6	2981300.2	26° 56' 49"	082° 22' 04"
MU-1	3/18/1996	17 - 367850.0	2998043.6	27° 05' 55"	082° 19' 59"
MU-2	3/18/1996	17 - 368930.7	2996141.1	27° 04' 53"	082° 19' 19"
MU-3	3/18/1996	17 - 369617.7	2994829.5	27° 04' 11"	082° 18' 54"
MU-4	3/18/1996	17 - 369862.6	2993991.1	27° 03' 44"	082° 18' 44"
MU-5	3/18/1996	17 - 371573.2	2992824.0	27° 03' 06"	082° 17' 42"
ML-1	3/18/1996	17 - 371881.5	2991719.8	27° 02' 30"	082° 17' 30"
ML-2	3/18/1996	17 - 372885.2	2990954.7	27° 02' 06"	082° 16' 54"
ML-3	3/18/1996	17 - 373904.9	2990189.5	27° 01' 41"	082° 16' 16"
ML-4	3/18/1996	17 - 373570.8	2989215.0	27° 01' 10"	082° 16' 28"
ML-5	3/18/1996	17 - 375310.0	2987084.4	27° 00' 01"	082° 15' 24"
10-1	4/9/1996	17 - 342752.9	3025814.6	27° 20' 47"	082° 35' 23"
10-2	4/9/1996	17 - 344421.9	3024895.3	27° 20' 18"	082° 34' 22"
10-3	4/9/1996	17 - 343550.4	3024919.4	27° 20' 19"	082° 34' 53"
10-4	4/9/1996	17 - 344924.1	3023454.6	27° 19' 32"	082° 34' 03"
10-5	4/9/1996	17 - 346065.0	3021091.7	27° 18' 15"	082° 33' 20"
11-1	4/9/1996	17 - 345017.9	3027830.1	27° 21' 54"	082° 34' 01"
11-2	4/9/1996	17 - 345520.9	3026648.1	27° 21' 16"	082° 33' 43"
11-3	4/9/1996	17 - 346382.1	3025408.4	27° 20' 36"	082° 33' 11"
11-4	4/9/1996	17 - 346959.8	3022624.1	27° 19' 05"	082° 32' 48"
11-5	4/9/1996	17 - 347035.0	3021688.8	27° 18' 35"	082° 32' 45"
13-1	4/8/1996	17 - 347142.3	3020567.0	27° 17' 59"	082° 32' 41"
13-2	4/8/1996	17 - 347220.5	3018198.5	27° 16' 42"	082° 32' 37"
13-3	4/8/1996	17 - 347624.5	3016504.3	27° 15' 47"	082° 32' 21"
13-4	4/8/1996	17 - 347905.0	3015919.5	27° 15' 28"	082° 32' 11"
13-5	4/8/1996	17 - 348815.7	3014523.5	27° 14' 43"	082° 31' 37"
14-1	4/8/1996	17 - 349620.1	3013936.9	27° 14' 24"	082° 31' 08"
14-2	4/8/1996	17 - 350427.6	3012582.7	27° 13' 41"	082° 30' 38"
14-3	4/8/1996	17 - 351260.7	3010890.8	27° 12' 46"	082° 30' 07"
14-4	4/8/1996	17 - 351172.6	3009495.1	27° 12' 01"	082° 30' 09"
14-5	4/8/1996	17 - 351712.9	3007266.3	27° 10' 48"	082° 29' 49"
16-1	4/10/1996	17 - 352096.2	3006663.7	27° 10' 29"	082° 29' 35"
16-2	4/10/1996	17 - 352731.0	3005660.4	27° 09' 57"	082° 29' 11"
16-3	4/10/1996	17 - 353318.6	3004413.0	27° 09' 16"	082° 28' 49"
16-4	4/10/1996	17 - 353834.6	3003034.3	27° 08' 32"	082° 28' 30"
16-5	4/10/1996	17 - 354327.2	3001105.0	27° 07' 29"	082° 28' 11"
LB-1	4/10/1996	17 - 358151.4	2991591.2	27° 02' 21"	082° 25' 48"
LB-2	4/10/1996	17 - 359435.5	2989312.1	27° 01' 08"	082° 25' 01"
LB-3	4/10/1996	17 - 360548.0	2987482.4	27° 00' 09"	082° 24' 20"
LB-4	4/10/1996	17 - 363012.8	2984038.8	26° 58' 18"	082° 22' 49"
LB-5	4/10/1996	17 - 363742.0	2982344.7	26° 57' 23"	082° 22' 22"

Table 6. UTM Coordinates for Monitoring Stations Sampled During the Period From January through December 1996.

Station	Date	UTM Coordiniates		Lat/Lon Coordnates	
		East	North	North	West
MU-1	4/11/1996	17 - 368402.5	2997186.8	27° 05' 27"	082° 19' 39"
MU-2	4/11/1996	17 - 369188.5	2995968.1	27° 04' 48"	082° 19' 10"
MU-3	4/11/1996	17 - 369439.0	2995025.2	27° 04' 17"	082° 19' 00"
MU-4	4/11/1996	17 - 370615.7	2993302.5	27° 03' 21"	082° 18' 17"
MU-5	4/11/1996	17 - 371257.9	2992807.4	27° 03' 06"	082° 17' 53"
ML-1	4/11/1996	17 - 372522.3	2991450.5	27° 02' 22"	082° 17' 07"
ML-2	4/11/1996	17 - 373580.2	2990224.5	27° 01' 42"	082° 16' 28"
ML-3	4/11/1996	17 - 373783.4	2990459.1	27° 01' 50"	082° 16' 21"
ML-4	4/11/1996	17 - 373884.7	2989826.2	27° 01' 30"	082° 16' 17"
ML-5	4/11/1996	17 - 374059.6	2988358.4	27° 00' 42"	082° 16' 10"
10-1	5/8/1996	17 - 343782.3	3025653.4	27° 20' 43"	082° 34' 45"
10-2	5/8/1996	17 - 344423.1	3024895.1	27° 20' 18"	082° 34' 22"
10-3	5/8/1996	17 - 343794.5	3024382.4	27° 20' 01"	082° 34' 44"
10-4	5/8/1996	17 - 344751.2	3023521.0	27° 19' 34"	082° 34' 09"
10-5	5/8/1996	17 - 346319.2	3022445.4	27° 18' 59"	082° 33' 12"
11-1	5/8/1996	17 - 344682.9	3027332.0	27° 21' 37"	082° 34' 13"
11-2	5/8/1996	17 - 345451.4	3025525.3	27° 20' 39"	082° 33' 45"
11-3	5/8/1996	17 - 345828.5	3025060.4	27° 20' 24"	082° 33' 31"
11-4	5/8/1996	17 - 346797.7	3023734.0	27° 19' 41"	082° 32' 55"
11-5	5/8/1996	17 - 347255.0	3021144.9	27° 18' 17"	082° 32' 37"
13-1	5/10/1996	17 - 346938.8	3019786.2	27° 17' 33"	082° 32' 48"
13-2	5/10/1996	17 - 347173.1	3018922.4	27° 17' 05"	082° 32' 39"
13-3	5/10/1996	17 - 347436.9	3016974.6	27° 16' 02"	082° 32' 28"
13-4	5/10/1996	17 - 348366.0	3015290.2	27° 15' 08"	082° 31' 54"
13-5	5/10/1996	17 - 349122.4	3014593.0	27° 14' 45"	082° 31' 26"
14-1	5/10/1996	17 - 349552.1	3013548.6	27° 14' 12"	082° 31' 10"
14-2	5/10/1996	17 - 350913.3	3012108.3	27° 13' 25"	082° 30' 20"
14-3	5/10/1996	17 - 350731.6	3011309.9	27° 12' 59"	082° 30' 26"
14-4	5/10/1996	17 - 351145.8	3009961.6	27° 12' 16"	082° 30' 11"
14-5	5/10/1996	17 - 351768.1	3008123.3	27° 11' 16"	082° 29' 47"
16-1	5/7/1996	17 - 352108.1	3006248.9	27° 10' 15"	082° 29' 34"
16-2	5/7/1996	17 - 353148.6	3004772.8	27° 09' 28"	082° 28' 56"
16-3	5/7/1996	17 - 353783.8	3003770.1	27° 08' 55"	082° 28' 32"
16-4	5/7/1996	17 - 354233.0	3002864.3	27° 08' 26"	082° 28' 15"
16-5	5/7/1996	17 - 354186.2	3002048.0	27° 08' 00"	082° 28' 17"
LB-1	5/7/1996	17 - 357621.7	2992293.3	27° 02' 44"	082° 26' 08"
LB-2	5/7/1996	17 - 359894.1	2988475.6	27° 00' 41"	082° 24' 44"
LB-3	5/7/1996	17 - 360940.1	2986782.6	26° 59' 46"	082° 24' 05"
LB-4	5/7/1996	17 - 362590.7	2984621.5	26° 58' 37"	082° 23' 05"
LB-5	5/7/1996	17 - 364578.8	2981813.6	26° 57' 06"	082° 21' 51"
MU-1	5/9/1996	17 - 368052.8	2997682.8	27° 05' 43"	082° 19' 51"
MU-2	5/9/1996	17 - 368491.8	2996867.2	27° 05' 17"	082° 19' 35"
MU-3	5/9/1996	17 - 369403.4	2995480.5	27° 04' 32"	082° 19' 02"
MU-4	5/9/1996	17 - 370453.6	2993564.7	27° 03' 30"	082° 18' 23"
MU-5	5/9/1996	17 - 370922.7	2993000.3	27° 03' 12"	082° 18' 06"
ML-1	5/9/1996	17 - 372013.2	2991686.4	27° 02' 29"	082° 17' 25"
ML-2	5/9/1996	17 - 373202.2	2990737.7	27° 01' 59"	082° 16' 42"
ML-3	5/9/1996	17 - 373946.7	2990362.7	27° 01' 47"	082° 16' 15"
ML-4	5/9/1996	17 - 373696.4	2989604.9	27° 01' 22"	082° 16' 24"
ML-5	5/9/1996	17 - 374279.4	2987864.9	27° 00' 26"	082° 16' 02"

Table 6. UTM Coordinates for Monitoring Stations Sampled During the Period From January through December 1996.

Station	Date	UTM Coordiniates		Lat/Lon Coordnates	
		East	North	North	West
10-1	6/18/1996	17 - 343973.9	3027150.0	27° 21' 31"	082° 34' 39"
10-2	6/18/1996	17 - 344903.7	3024653.2	27° 20' 10"	082° 34' 04"
10-3	6/18/1996	17 - 343775.5	3023564.2	27° 19' 35"	082° 34' 45"
10-4	6/18/1996	17 - 346059.8	3023312.2	27° 19' 27"	082° 33' 21"
10-5	6/18/1996	17 - 346509.9	3021942.1	27° 18' 43"	082° 33' 04"
11-1	6/18/1996	17 - 344909.3	3028417.3	27° 22' 13"	082° 34' 06"
11-2	6/18/1996	17 - 345162.0	3026473.7	27° 21' 10"	082° 33' 56"
11-3	6/18/1996	17 - 345764.8	3024343.4	27° 20' 01"	082° 33' 33"
11-4	6/18/1996	17 - 346874.4	3023272.1	27° 19' 26"	082° 32' 52"
11-5	6/18/1996	17 - 347134.0	3021899.2	27° 18' 42"	082° 32' 42"
13-1	6/19/1996	17 - 346860.8	3020314.9	27° 17' 50"	082° 32' 51"
13-2	6/19/1996	17 - 347106.5	3018526.3	27° 16' 52"	082° 32' 41"
13-3	6/19/1996	17 - 347394.5	3016547.8	27° 15' 48"	082° 32' 30"
13-4	6/19/1996	17 - 348035.5	3015914.9	27° 15' 28"	082° 32' 06"
13-5	6/19/1996	17 - 349313.2	3014330.5	27° 14' 37"	082° 31' 19"
14-1	6/19/1996	17 - 349507.7	3013224.1	27° 14' 01"	082° 31' 12"
14-2	6/19/1996	17 - 350409.4	3012937.1	27° 13' 52"	082° 30' 39"
14-3	6/19/1996	17 - 350984.1	3010735.5	27° 12' 41"	082° 30' 17"
14-4	6/19/1996	17 - 351366.3	3008505.6	27° 11' 28"	082° 30' 02"
14-5	6/19/1996	17 - 352072.2	3007880.9	27° 11' 08"	082° 29' 36"
16-1	6/17/1996	17 - 352545.6	3006080.3	27° 10' 10"	082° 29' 18"
16-2	6/17/1996	17 - 352814.6	3005380.4	27° 08' 47"	082° 29' 08"
16-3	6/17/1996	17 - 353347.4	3003959.7	27° 09' 02"	082° 28' 48"
16-4	6/17/1996	17 - 354188.7	3002341.6	27° 08' 17"	082° 28' 17"
16-5	6/17/1996	17 - 354342.2	3001746.5	27° 07' 50"	082° 28' 11"
LB-1	6/17/1996	17 - 358034.6	2991819.3	27° 02' 29"	082° 25' 53"
LB-2	6/17/1996	17 - 358906.0	2990100.9	27° 01' 33"	082° 25' 20"
LB-3	6/17/1996	17 - 360305.0	2987736.8	27° 00' 17"	082° 24' 29"
LB-4	6/17/1996	17 - 361669.8	2985416.2	26° 59' 02"	082° 23' 38"
LB-5	6/17/1996	17 - 364850.3	2981428.9	26° 56' 54"	082° 21' 41"
MU-1	6/20/1996	17 - 367868.3	2998205.2	27° 06' 00"	082° 19' 58"
MU-2	6/20/1996	17 - 368393.3	2996546.5	27° 05' 06"	082° 19' 39"
MU-3	6/20/1996	17 - 369661.2	2994274.9	27° 03' 53"	082° 18' 52"
MU-4	6/20/1996	17 - 370046.5	2993944.6	27° 03' 42"	082° 18' 38"
MU-5	6/20/1996	17 - 371703.3	2992511.8	27° 02' 56"	082° 17' 37"
ML-1	6/20/1996	17 - 372808.3	2991141.9	27° 02' 12"	082° 16' 56"
ML-2	6/20/1996	17 - 373204.1	2990500.4	27° 01' 51"	082° 16' 42"
ML-3	6/20/1996	17 - 373747.7	2990335.7	27° 01' 46"	082° 16' 22"
ML-4	6/20/1996	17 - 373673.9	2989031.4	27° 01' 04"	082° 16' 24"
ML-5	6/20/1996	17 - 375044.3	2987360.7	27° 00' 10"	082° 15' 34"
10-1	7/15/1996	17-343391.6	3025386.9	27° 20' 39"	082° 34' 59"
10-2	7/15/1996	17-344738.1	3025941.8	27° 20' 58"	082° 34' 11"
10-3	7/15/1996	17-343561.9	3024178.1	27° 20' 00"	082° 34' 53"
10-4	7/15/1996	17-345042.0	3022746.5	27° 19' 14"	082° 33' 58"
10-5	7/15/1996	17-346693.0	3021075.8	27° 18' 20"	082° 32' 57"
11-1	7/15/1996	17-345440.1	3027740.6	27° 21' 57"	082° 33' 46"
11-2	7/15/1996	17-346136.1	3026363.0	27° 21' 12"	082° 33' 20"
11-3	7/15/1996	17-346035.5	3024575.4	27° 20' 14"	082° 33' 23"
11-4	7/15/1996	17-347111.6	3022890.8	27° 19' 20"	082° 32' 43"

Table 6. UTM Coordinates for Monitoring Stations Sampled During the Period From January through December 1996.

Station	Date	UTM Coordiniates		Lat/Lon Coordnates	
		East	North	North	West
11-5	7/15/1996	17-347508.9	3021569.1	27° 18' 37"	082° 32' 28"
13-1	7/16/1996	17-347178.9	3019491.0	27° 17' 29"	082° 32' 39"
13-2	7/16/1996	17-346998.9	3018175.8	27° 16' 46"	082° 32' 45"
13-3	7/16/1996	17-347296.2	3017189.8	27° 16' 14"	082° 32' 34"
13-4	7/16/1996	17-348316.3	3015411.1	27° 15' 17"	082° 31' 56"
13-5	7/16/1996	17-348580.7	3015152.4	27° 15' 09"	082° 31' 46"
14-1	7/16/1996	17-349642.9	3013897.0	27° 14' 28"	082° 31' 07"
14-2	7/16/1996	17-350222.6	3012147.2	27° 13' 32"	082° 30' 45"
14-3	7/16/1996	17-350914.0	3011664.5	27° 13' 16"	082° 30' 20"
14-4	7/16/1996	17-351169.1	3009387.1	27° 12' 02"	082° 30' 09"
14-5	7/16/1996	17-352086.3	3007219.8	27° 10' 52"	082° 29' 35"
16-1	7/17/1996	17-352278.5	3006474.2	27° 10' 28"	082° 29' 28"
16-2	7/17/1996	17-353141.6	3004849.5	27° 09' 36"	082° 28' 56"
16-3	7/17/1996	17-353958.3	3003603.8	27° 08' 56"	082° 28' 26"
16-4	7/17/1996	17-354319.5	3002631.6	27° 08' 24"	082° 28' 12"
16-5	7/17/1996	17-354350.2	3001278.2	27° 07' 40"	082° 28' 10"
LB-1	7/17/1996	17-358489.0	2990871.2	27° 02' 04"	082° 25' 36"
LB-2	7/17/1996	17-359710.0	2988794.0	27° 00' 57"	082° 24' 51"
LB-3	7/17/1996	17-360793.9	2987109.2	27° 00' 02"	082° 24' 11"
LB-4	7/17/1996	17-362306.1	2984326.5	26° 58' 32"	082° 23' 15"
LB-5	7/17/1996	17-363965.1	2981746.2	26° 57' 09"	082° 22' 14"
MU-1	7/18/1996	17-367881.6	2997865.0	27° 05' 54"	082° 19' 58"
MU-2	7/18/1996	17-368902.3	2996357.2	27° 05' 06"	082° 19' 20"
MU-3	7/18/1996	17-369722.9	2994730.5	27° 04' 13"	082° 18' 50"
MU-4	7/18/1996	17-370703.2	2993159.0	27° 03' 22"	082° 18' 14"
MU-5	7/18/1996	17-371739.6	2992766.0	27° 03' 10"	082° 17' 36"
ML-1	7/18/1996	17-371769.1	2991812.9	27° 02' 39"	082° 17' 34"
ML-2	7/18/1996	17-373045.1	2990726.0	27° 02' 04"	082° 16' 48"
ML-3	7/18/1996	17-373607.5	2990787.3	27° 02' 06"	082° 16' 27"
ML-4	7/18/1996	17-373546.3	2989611.7	27° 01' 28"	082° 16' 29"
ML-5	7/18/1996	17-375465.7	2987326.5	27° 00' 14"	082° 15' 19"
10-1	8/22/1996	17 - 343223.5	3026536.2	27° 21' 16"	082° 35' 06"
10-2	8/22/1996	17 - 344929.5	3024385.0	27° 20' 07"	082° 34' 03"
10-3	8/22/1996	17 - 343238.3	3023939.0	27° 19' 52"	082° 35' 04"
10-4	8/22/1996	17 - 344634.8	3023680.1	27° 19' 44"	082° 34' 13"
10-5	8/22/1996	17 - 346237.7	3021841.6	27° 18' 45"	082° 33' 14"
11-1	8/22/1996	17 - 345392.0	3027357.2	27° 21' 44"	082° 33' 48"
11-2	8/22/1996	17 - 345441.2	3026386.2	27° 21' 12"	082° 33' 45"
11-3	8/22/1996	17 - 346358.9	3024838.9	27° 20' 23"	082° 33' 11"
11-4	8/22/1996	17 - 346871.4	3022567.9	27° 19' 09"	082° 32' 52"
11-5	8/22/1996	17 - 347281.1	3021413.2	27° 18' 32"	082° 32' 36"
13-1	8/20/1996	17 - 347313.2	3020020.0	27° 17' 46"	082° 32' 34"
13-2	8/20/1996	17 - 346545.2	3018915.4	27° 17' 10"	082° 33' 02"
13-3	8/20/1996	17 - 347069.0	3017559.5	27° 16' 26"	082° 32' 42"
13-4	8/20/1996	17 - 348580.5	3015152.3	27° 15' 09"	082° 31' 46"
13-5	8/20/1996	17 - 349241.4	3014749.4	27° 14' 56"	082° 31' 22"
14-1	8/20/1996	17 - 349297.8	3014085.2	27° 14' 34"	082° 31' 20"
14-2	8/20/1996	17 - 350661.9	3012836.6	27° 13' 54"	082° 30' 29"
14-3	8/20/1996	17 - 351060.2	3010389.9	27° 12' 35"	082° 30' 14"

Table 6. UTM Coordinates for Monitoring Stations Sampled During the Period From January through December 1996.

Station	Date	UTM Coordiniates		Lat/Lon Coordnates	
		East	North	North	West
14-4	8/20/1996	17 - 351775.7	3008864.6	27° 11' 46"	082° 29' 47"
14-5	8/20/1996	17 - 351438.3	3008222.3	27° 11' 25"	082° 29' 59"
16-1	8/21/1996	17 - 352049.5	3006858.2	27° 10' 41"	082° 29' 36"
16-2	8/21/1996	17 - 352684.2	3005507.9	27° 09' 57"	082° 29' 13"
16-3	8/21/1996	17 - 353454.3	3004281.0	27° 09' 17"	082° 28' 44"
16-4	8/21/1996	17 - 353907.2	3002842.0	27° 08' 31"	082° 28' 27"
16-5	8/21/1996	17 - 354386.8	3002028.5	27° 08' 05"	082° 28' 09"
LB-1	8/21/1996	17 - 358404.2	2991311.4	27° 02' 18"	082° 25' 39"
LB-2	8/21/1996	17 - 359499.0	2989117.3	27° 01' 07"	082° 24' 58"
LB-3	8/21/1996	17 - 361191.7	2986000.2	26° 59' 26"	082° 23' 56"
LB-4	8/21/1996	17 - 362866.6	2983616.1	26° 58' 09"	082° 22' 54"
LB-5	8/21/1996	17 - 363597.1	2983189.4	26° 57' 56"	082° 22' 27"
MU-1	8/19/1996	17 - 368373.5	2997354.9	27° 05' 38"	082° 19' 40"
MU-2	8/19/1996	17 - 369117.1	2996292.5	27° 05' 04"	082° 19' 12"
MU-3	8/19/1996	17 - 369774.9	2994447.0	27° 04' 04"	082° 18' 48"
MU-4	8/19/1996	17 - 370155.9	2993872.9	27° 03' 45"	082° 18' 34"
MU-5	8/19/1996	17 - 371700.0	2992326.1	27° 02' 55"	082° 17' 37"
ML-1	8/19/1996	17 - 372628.4	2991383.7	27° 02' 25"	082° 17' 03"
ML-2	8/19/1996	17 - 373076.8	2990936.9	27° 02' 11"	082° 16' 47"
ML-3	8/19/1996	17 - 373627.4	2990710.3	27° 02' 04"	082° 16' 27"
ML-4	8/19/1996	17 - 373526.9	2989367.5	27° 01' 20"	082° 16' 30"
ML-5	8/19/1996	17 - 374873.8	2986947.4	27° 00' 02"	082° 15' 40"
10-1	9/23/1996	17 - 342310.6	3025465.6	27° 20' 41"	082° 35' 39"
10-2	9/23/1996	17 - 344557.4	3025286.6	27° 20' 36"	082° 34' 17"
10-3	9/23/1996	17 - 343689.2	3024828.9	27° 20' 21"	082° 34' 48"
10-4	9/23/1996	17 - 345040.9	3022125.4	27° 18' 54"	082° 33' 58"
10-5	9/23/1996	17 - 346406.6	3021436.5	27° 18' 32"	082° 33' 08"
11-1	9/23/1996	17 - 344716.0	3027932.4	27° 22' 02"	082° 34' 12"
11-2	9/23/1996	17 - 345824.3	3025880.1	27° 20' 56"	082° 33' 31"
11-3	9/23/1996	17 - 346132.2	3023960.2	27° 19' 54"	082° 33' 19"
11-4	9/23/1996	17 - 347052.2	3023232.3	27° 19' 31"	082° 32' 45"
11-5	9/23/1996	17 - 347326.6	3020850.0	27° 18' 13"	082° 32' 34"
13-1	9/26/1996	17 - 346834.9	3019378.6	27° 17' 25"	082° 32' 51"
13-2	9/26/1996	17 - 347348.9	3018359.5	27° 16' 52"	082° 32' 32"
13-3	9/26/1996	17 - 347667.6	3016789.7	27° 16' 02"	082° 32' 20"
13-4	9/26/1996	17 - 348272.8	3015716.3	27° 15' 27"	082° 31' 58"
13-5	9/26/1996	17 - 348964.7	3014963.7	27° 15' 03"	082° 31' 32"
14-1	9/26/1996	17 - 349782.5	3013579.0	27° 14' 18"	082° 31' 02"
14-2	9/26/1996	17 - 349891.6	3012836.2	27° 13' 54"	082° 30' 57"
14-3	9/26/1996	17 - 350323.1	3011258.9	27° 13' 03"	082° 30' 41"
14-4	9/26/1996	17 - 351687.3	3009349.0	27° 12' 01"	082° 29' 51"
14-5	9/26/1996	17 - 351713.9	3007518.9	27° 11' 02"	082° 29' 49"
16-1	9/24/1996	17 - 352371.2	3005847.3	27° 10' 08"	082° 29' 24"
16-2	9/24/1996	17 - 352880.2	3005068.8	27° 09' 43"	082° 29' 05"
16-3	9/24/1996	17 - 353824.6	3003678.1	27° 08' 58"	082° 28' 31"
16-4	9/24/1996	17 - 354160.6	3002705.8	27° 08' 27"	082° 28' 18"
16-5	9/24/1996	17 - 354270.4	3001552.3	27° 07' 49"	082° 28' 13"
LB-1	9/24/1996	17 - 357458.6	2992541.5	27° 02' 57"	082° 26' 14"
LB-2	9/24/1996	17 - 359338.3	2989599.1	27° 01' 23"	082° 25' 05"

Table 6. UTM Coordinates for Monitoring Stations Sampled During the Period From January through December 1996.

Station	Date	UTM Coordiniates		Lat/Lon Coordnates	
		East	North	North	West
LB-3	9/24/1996	17 - 361088.0	2986602.0	26° 59' 46"	082° 24' 00"
LB-4	9/24/1996	17 - 362697.3	2984380.8	26° 58' 34"	082° 23' 01"
LB-5	9/24/1996	17 - 363206.5	2982951.8	26° 57' 48"	082° 22' 42"
MU-1	9/25/1996	17 - 367874.9	2998344.5	27° 06' 10"	082° 19' 58"
MU-2	9/25/1996	17 - 369229.9	2995753.6	27° 04' 46"	082° 19' 08"
MU-3	9/25/1996	17 - 369406.6	2995347.6	27° 04' 33"	082° 19' 01
MU-4	9/25/1996	17 - 369774.6	2994068.0	27° 03' 51"	082° 18' 48"
MU-5	9/25/1996	17 - 371695.5	2992041.4	27° 03' 51"	082° 18' 48"
ML-1	9/25/1996	17 - 372418.5	2991495.3	27° 02' 29"	082° 17' 11"
ML-2	9/25/1996	17 - 373434.0	2990303.6	27° 01' 50"	082° 16' 33"
ML-3	9/25/1996	17 - 373798.9	2990451.4	27° 01' 55"	082° 16' 20"
ML-4	9/25/1996	17 - 373758.8	2988914.3	27° 01' 05"	082° 16' 21"
ML-5	9/25/1996	17 - 375140.6	2987214.5	27° 00' 11"	082° 15' 30"
10-1	10/21/1996	17 - 343556.7	3026379.2	27° 21' 11"	082° 34' 54"
10-2	10/21/1996	17 - 344925.0	3024847.5	27° 20' 22"	082° 34' 03"
10-3	10/21/1996	17 - 343214.5	3023903.8	27° 19' 51"	082° 35' 05"
10-4	10/21/1996	17 - 345123.7	3021793.3	27° 18' 43"	082° 33' 55"
10-5	10/21/1996	17 - 346323.7	3022029.4	27° 18' 51"	082° 33' 11"
11-1	10/21/1996	17 - 345558.5	3027493.1	27° 21' 49"	082° 33' 42"
11-2	10/21/1996	17 - 345515.5	3026330.2	27° 21' 11"	082° 33' 43"
11-3	10/21/1996	17 - 346168.9	3024648.4	27° 20' 16"	082° 33' 18"
11-4	10/21/1996	17 - 347063.6	3022615.0	27° 19' 11"	082° 32' 45"
11-5	10/21/1996	17 - 347409.5	3021751.7	27° 18' 43"	082° 32' 32"
13-1	10/24/1996	17 - 346408.4	3019631.9	27° 17' 33"	082° 33' 07"
13-2	10/24/1996	17 - 347146.8	3018834.7	27° 17' 08"	082° 32' 40"
13-3	10/24/1996	17 - 347364.4	3016648.7	27° 15' 57"	082° 32' 31"
13-4	10/24/1996	17 - 348302.8	3015646.1	27° 15' 25"	082° 31' 56"
13-5	10/24/1996	17 - 349277.9	3014599.7	27° 14' 51"	082° 31' 20"
14-1	10/24/1996	17 - 349454.8	3013208.3	27° 14' 06"	082° 31' 13"
14-2	10/24/1996	17 - 350131.7	3012247.6	27° 13' 35"	082° 30' 48"
14-3	10/24/1996	17 - 351173.6	3011259.0	27° 13' 03"	082° 30' 10"
14-4	10/24/1996	17 - 351163.9	3009152.6	27° 11' 55"	082° 30' 08"
14-5	10/24/1996	17 - 351975.3	3008183.6	27° 11' 24"	082° 29' 40"
16-1	10/23/1996	17 - 352125.4	3006201.2	27° 10' 19"	082° 29' 33"
16-2	10/23/1996	17 - 352752.9	3005032.5	27° 09' 42"	082° 29' 10"
16-3	10/23/1996	17 - 353324.8	3004086.6	27° 09' 11"	082° 28' 49"
16-4	10/23/1996	17 - 353815.3	3002996.5	27° 08' 36"	082° 28' 31"
16-5	10/23/1996	17 - 354224.7	3001987.8	27° 08' 03"	082° 28' 15"
LB-1	10/23/1996	17 - 357935.2	2992031.3	27° 02' 41"	082° 25' 56"
LB-2	10/23/1996	17 - 359804.2	2988762.3	27° 00' 56"	082° 24' 47"
LB-3	10/23/1996	17 - 360542.3	2987186.2	27° 00' 05"	082° 24' 20"
LB-4	10/23/1996	17 - 362142.7	2984954.8	26° 58' 53"	082° 23' 21"
LB-5	10/23/1996	17 - 364422.3	2981622.1	26° 57' 05"	082° 21' 57"
MU-1	10/22/1996	17 - 368176.4	2997519.3	27° 05' 43"	082° 19' 47"
MU-2	10/22/1996	17 - 368782.0	2996626.2	27° 05' 14"	082° 19' 25"
MU-3	10/22/1996	17 - 369433.7	2995138.7	27° 04' 26"	082° 19' 00"
MU-4	10/22/1996	17 - 370352.0	2993629.8	27° 03' 37"	082° 18' 26"
MU-5	10/22/1996	17 - 371591.1	2992816.4	27° 03' 11"	082° 17' 41"
ML-1	10/22/1996	17 - 372703.7	2991250.9	27° 02' 21"	082° 17' 00"

Table 6. UTM Coordinates for Monitoring Stations Sampled During the Period From January through December 1996.

Station	Date	UTM Coordinates		Lat/Lon Coordinates	
		East	North	North	West
ML-2	10/22/1996	17 - 373238.1	2990548.1	27° 01' 58"	082° 16' 41"
ML-3	10/22/1996	17 - 373905.0	2990329.0	27° 01' 51"	082° 16' 16"
ML-4	10/22/1996	17 - 373554.8	2989485.2	27° 01' 24"	082° 16' 29"
ML-5	10/22/1996	17 - 374129.0	2988062.6	27° 00' 38"	082° 16' 07"
10-1	11/18/1996	17 - 344113.8	3027020.8	27° 21' 33"	082° 34' 34"
10-2	11/18/1996	17 - 344816.6	3025743.5	27° 20' 51"	082° 34' 08"
10-3	11/18/1996	17 - 343601.9	3024895.8	27° 20' 23"	082° 34' 52"
10-4	11/18/1996	17 - 344155.0	3023051.9	27° 19' 24"	082° 34' 31"
10-5	11/18/1996	17 - 345996.8	3021182.3	27° 18' 24"	082° 33' 23"
11-1	11/18/1996	17 - 344953.2	3027178.7	27° 21' 38"	082° 34' 03"
11-2	11/18/1996	17 - 346060.6	3026161.0	27° 21' 05"	082° 33' 23"
11-3	11/18/1996	17 - 345720.9	3024539.6	27° 20' 13"	082° 33' 34"
11-4	11/18/1996	17 - 346688.6	3023280.9	27° 19' 32"	082° 32' 59"
11-5	11/18/1996	17 - 347433.8	3021279.8	27° 18' 27"	082° 32' 31"
13-1	11/19/1996	17 - 346797.4	3019407.0	27° 17' 26"	082° 32' 53"
13-2	11/19/1996	17 - 346717.8	3018579.3	27° 16' 59"	082° 32' 55"
13-3	11/19/1996	17 - 347660.8	3016618.4	27° 15' 56"	082° 32' 20"
13-4	11/19/1996	17 - 348037.5	3015921.5	27° 15' 34"	082° 32' 06"
13-5	11/19/1996	17 - 349032.9	3014865.3	27° 15' 00"	082° 31' 30"
14-1	11/19/1996	17 - 349830.3	3013848.7	27° 14' 27"	082° 21' 00"
14-2	11/19/1996	17 - 350274.9	3011916.6	27° 13' 24"	082° 30' 43"
14-3	11/19/1996	17 - 350963.9	3011513.4	27° 13' 11"	082° 30' 18"
14-4	11/19/1996	17 - 351186.0	3008777.4	27° 11' 43"	082° 30' 09"
14-5	11/19/1996	17 - 351577.7	3007952.0	27° 11' 16"	082° 29' 54"
16-1	11/20/1996	17 - 352264.4	3006488.7	27° 10' 29"	082° 29' 28"
16-2	11/20/1996	17 - 353068.1	3004912.3	27° 09' 38"	082° 28' 59"
16-3	11/20/1996	17 - 353538.1	3003456.4	27° 08' 51"	082° 28' 41"
16-4	11/20/1996	17 - 354288.3	3002690.7	27° 08' 26"	082° 28' 13"
16-5	11/20/1996	17 - 354298.7	3001543.5	27° 07' 49"	082° 28' 12"
LB-1	11/20/1996	17 - 358508.2	2990831.3	27° 02' 02"	082° 25' 35"
LB-2	11/20/1996	17 - 359326.7	2989451.1	27° 01' 18"	082° 25' 05"
LB-3	11/20/1996	17 - 361185.5	2986583.5	26° 59' 45"	082° 23' 56"
LB-4	11/20/1996	17 - 362142.8	2984534.3	26° 58' 39"	082° 23' 21"
LB-5	11/20/1996	17 - 363348.9	2982448.9	26° 57' 32"	082° 22' 36"
MU-1	11/21/1996	17 - 367975.8	2997661.6	27° 05' 48"	082° 19' 54"
MU-2	11/21/1996	17 - 369190.1	2995985.2	27° 04' 54"	082° 19' 10"
MU-3	11/21/1996	17 - 369407.8	2995371.7	27° 03' 34"	082° 19' 01"
MU-4	11/21/1996	17 - 370572.7	2993385.3	27° 03' 30"	082° 18' 18"
MU-5	11/21/1996	17 - 371298.2	2992771.6	27° 03' 10"	082° 17' 52"
ML-1	11/21/1996	17 - 371784.9	2991797.5	27° 02' 38"	082° 17' 34"
ML-2	11/21/1996	17 - 373393.7	2990334.6	27° 01' 51"	082° 16' 35"
ML-3	11/21/1996	17 - 373659.0	2990665.4	27° 02' 02"	082° 16' 25"
ML-4	11/21/1996	17 - 373626.9	2989086.5	27° 01' 11"	082° 16' 26"
ML-5	11/21/1996	17 - 375272.9	2986938.6	27° 00' 02"	082° 15' 25"
10-1	12/9/1996	17 - 343577.5	3026126.4	27° 20' 58"	082° 34' 53"
10-2	12/9/1996	17 - 344816.1	3025247.7	27° 20' 30"	082° 34' 08"
10-3	12/9/1996	17 - 343855.8	3024509.4	27° 20' 05"	082° 34' 42"
10-4	12/9/1996	17 - 345460.8	3023728.5	27° 19' 41"	082° 33' 43"

Table 6. UTM Coordinates for Monitoring Stations Sampled During the Period From January through December 1996.

Station	Date	UTM Coordinates		Lat/Lon Coordinates	
		East	North	North	West
10-5	12/9/1996	17 - 346649.7	3021182.6	27° 18' 18"	082° 32' 59"
11-1	12/9/1996	17 - 344795.8	3027710.6	27° 21' 50"	082° 34' 09"
11-2	12/9/1996	17 - 345975.6	3025774.3	27° 20' 47"	082° 34' 02"
11-3	12/9/1996	17 - 346023.1	3025131.4	27° 20' 26"	082° 33' 24"
11-4	12/9/1996	17 - 346797.3	3023643.6	27° 19' 38"	082° 32' 55"
11-5	12/9/1996	17 - 347083.1	3021726.9	27° 18' 36"	082° 32' 44"
13-1	12/10/1996	17 - 347239.2	3019589.3	27° 11' 27"	082° 32' 37"
13-2	12/10/1996	17 - 346848.0	3018813.3	27° 17' 02"	082° 32' 51"
13-3	12/10/1996	17 - 347096.9	3017285.6	27° 16' 12"	082° 32' 41"
13-4	12/10/1996	17 - 347855.3	3015748.2	27° 15' 22"	082° 32' 13"
13-5	12/10/1996	17 - 348599.0	3015090.5	27° 15' 01"	082° 31' 45"
14-1	12/10/1996	17 - 349357.6	3013451.2	27° 14' 08"	082° 31' 17"
14-2	12/10/1996	17 - 350522.2	3012829.2	27° 13' 49"	082° 30' 35"
14-3	12/10/1996	17 - 350996.1	3010213.7	27° 12' 24"	082° 30' 16"
14-4	12/10/1996	17 - 351690.6	3009217.9	27° 11' 52"	082° 29' 50"
14-5	12/10/1996	17 - 351728.1	3007587.0	27° 10' 59"	082° 29' 48"
16-1	12/11/1996	17 - 352514.0	3006119.1	27° 10' 11"	082° 29' 19"
16-2	12/11/1996	17 - 352726.3	3005549.5	27° 09' 53"	082° 29' 11"
16-3	12/11/1996	17 - 353482.8	3004186.1	27° 09' 09"	082° 28' 43"
16-4	12/11/1996	17 - 354001.9	3002838.4	27° 08' 25"	082° 28' 24"
16-5	12/11/1996	17 - 354382.0	3002004.8	27° 07' 58"	082° 28' 10"
LB-1	12/11/1996	17 - 358178.0	2991578.3	27° 02' 21"	082° 25' 47"
LB-2	12/11/1996	17 - 359591.0	2989161.3	27° 01' 03"	082° 24' 55"
LB-3	12/11/1996	17 - 360752.9	2986788.0	26° 59' 46"	082° 24' 12"
LB-4	12/11/1996	17 - 362176.6	2985149.1	26° 58' 54"	082° 23' 20"
LB-5	12/11/1996	17 - 364544.3	2981640.7	26° 57' 00"	082° 21' 53"
MU-1	12/12/1996	17 - 367852.5	2998092.5	27° 05' 56"	082° 19' 59"
MU-2	12/12/1996	17 - 368344.3	2996721.7	27° 05' 12"	082° 19' 41"
MU-3	12/12/1996	17 - 369771.0	2994452.8	27° 03' 59"	082° 18' 48"
MU-4	12/12/1996	17 - 370352.4	2993654.7	27° 03' 33"	082° 18' 26"
MU-5	12/12/1996	17 - 371534.9	2992337.1	27° 02' 50"	082° 17' 43"
ML-1	12/12/1996	17 - 372558.0	2991434.8	27° 02' 21"	082° 17' 06"
ML-2	12/12/1996	17 - 373118.9	2990647.1	27° 01' 56"	082° 16' 45"
ML-3	12/12/1996	17 - 373902.1	2990394.1	27° 01' 48"	082° 16' 16"
ML-4	12/12/1996	17 - 373830.2	2989769.3	27° 01' 28"	082° 16' 19"
ML-5	12/12/1996	17 - 374066.8	2988078.5	27° 00' 33"	082° 16' 10"

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)	
10-1	1/6/1997	0:00	11:30	Surface	3.3	0.2	20.76	7.66	6.97	31.46	48,159																
10-1	1/6/1997	0:00	11:30	Mid	3.3	1.0	20.37	7.68	7.16	31.54	48,276	0.6	5	1.0	10.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.36	0.36	0.01	0.10	<1.0	3.3*
10-1	1/6/1997	0:00	11:30	Bottom	3.3	3.1	20.24	7.69	7.27	31.57	48,307																
10-2	1/6/1997	0:00	11:10	Surface	2.9	0.2	19.64	7.69	7.58	31.66	48,426																
10-2	1/6/1997	0:00	11:10	Mid	2.9	1.0	19.63	7.70	7.59	31.65	48,424	0.3	5	1.6	4.0	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.44	0.44	0.01	0.11	<1.0	2.9*
10-2	1/6/1997	0:00	11:10	Bottom	2.9	2.7	19.64	7.71	7.61	31.66	48,426																
10-3	1/6/1997	0:00	11:20	Surface	3.1	0.2	19.33	7.69	7.75	31.57	48,304																
10-3	1/6/1997	0:00	11:20	Mid	3.1	1.0	19.31	7.69	7.76	31.57	48,308	0.4	5	0.4	7.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.44	0.44	0.01	0.08	<1.0	3.1*
10-3	1/6/1997	0:00	11:20	Bottom	3.1	2.9	19.31	7.70	7.77	31.57	48,300																
10-4	1/6/1997	0:00	10:00	Surface	3.0	0.2	20.33	7.66	7.16	31.42	48,107																
10-4	1/6/1997	0:00	10:00	Mid	3.0	1.0	20.19	7.66	7.32	31.44	48,133	0.5	5	1.4	3.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.55	0.55	0.01	0.08	<1.0	3.0*
10-4	1/6/1997	0:00	10:00	Bottom	3.0	2.8	19.76	7.68	7.45	31.64	48,407																
10-4 Rep	1/6/1997	0:00	10:10	Surface	3.0	0.2	20.33	7.66	7.17	31.42	48,110																
10-4 Rep	1/6/1997	0:00	10:10	Mid	3.0	1.0	20.20	7.66	7.31	31.44	48,130	0.4	5	1.7	3.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.55	0.55	0.01	0.08	<1.0	3.0*
10-4 Rep	1/6/1997	0:00	10:10	Bottom	3.0	2.8	19.77	7.67	7.46	31.64	48,405																
10-5	1/6/1997	0:00	10:30	Surface	1.6	0.2	19.68	7.67	7.23	31.55	48,277																
10-5	1/6/1997	0:00	10:30	Mid	1.6	0.8	19.68	7.67	7.23	31.55	48,275	0.4	5	3.2	12.0	<0.01	<0.01	0.01	0.01	<0.01	0.01	0.58	0.58	0.03	0.08	<1.0	1.6*
10-5	1/6/1997	0:00	10:30	Bottom	1.6	1.4	19.68	7.69	7.26	31.54	48,271																
11-1	1/6/1997	0:00	11:45	Surface	3.6	0.2	21.15	7.69	7.36	31.27	47,914																
11-1	1/6/1997	0:00	11:45	Mid	3.6	1.0	21.05	7.69	7.37	31.27	47,909	0.6	5	1.0	3.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.42	0.42	<0.01	0.07	<1.0	3.6*
11-1	1/6/1997	0:00	11:45	Bottom	3.6	3.4	21.04	7.69	7.37	31.27	47,906																
11-2	1/6/1997	0:00	12:00	Surface	1.9	0.2	21.44	7.69	7.24	31.21	47,831																
11-2	1/6/1997	0:00	12:00	Mid	1.9	0.9	21.43	7.69	7.25	31.22	47,835	0.6	5	1.4	20.6	<0.01	0.02	0.03	0.05	0.02	0.03	0.45	0.47	<0.01	0.07	<1.0	1.9*
11-2	1/6/1997	0:00	12:00	Bottom	1.9	1.7	21.43	7.70	7.26	31.23	47,851																
11-3	1/6/1997	0:00	12:15	Surface	3.3	0.2	21.11	7.67	6.87	31.14	47,733																
11-3	1/6/1997	0:00	12:15	Mid	3.3	1.0	21.02	7.66	6.93	31.26	47,897	0.4	5	1.6	2.6	<0.01	<0.01	0.01	0.01	<0.01	0.01	0.46	0.46	<0.01	0.06	<1.0	3.0
11-3	1/6/1997	0:00	12:15	Bottom	3.3	3.1	20.68	7.68	7.03	31.31	47,968																
11-4	1/6/1997	0:00	10:55	Surface	3.5	0.2	20.70	7.64	6.86	31.09	47,651																
11-4	1/6/1997	0:00	10:55	Mid	3.5	1.0	20.60	7.64	6.80	31.08	47,646	0.5	5	1.9	14.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.40	0.40	<0.01	0.06	<1.0	3.2
11-4	1/6/1997	0:00	10:55	Bottom	3.5	3.3	20.37	7.65	6.77	31.40	48,083																
11-5	1/6/1997	0:00	10:45	Surface	2.6	0.2	21.64	7.58	6.73	29.49	45,459																
11-5	1/6/1997	0:00	10:45	Mid	2.6	1.0	20.58	7.65	7.25	31.02	47,565	0.6	5	1.0	11.4	<0.01	<0.01	0.02	0.02	<0.01	0.02	0.72	0.72	<0.01	0.09	<1.0	2.6*
11-5	1/6/1997	0:00	10:45	Bottom	2.6	2.4	20.34	7.76	8.66	31.52	48,177																
13-1	1/9/1997	0:00	12:00	Surface	2.0	0.2	21.95	7.76	7.21	30.40	46,725																
13-1	1/9/1997	0:00	12:00	Mid	2.0	1.0	21.87	7.77	7.25	30.46	46,823	0.4	10	1.6	17.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.51	0.51	0.02	0.07	1.6	2.0*
13-1	1/9/1997	0:00	12:00	Bottom	2.0	1.8	21.87	7.81	7.29	30.51	46,873																
13-2	1/9/1997	0:00	11:50	Surface	1.6	0.2	22.60	7.68	6.76	28.95	44,728																
13-2	1/9/1997	0:00	11:50	Mid	1.6	0.8	22.59	7.68	6.80	28.95	44,742	0.5	10	0.8	13.8	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.65	0.65	0.02	0.06	1.6	1.6*
13-2	1/9/1997	0:00	11:50	Bottom	1.6	1.4	22.58	7.69	6.81	28.96	44,756																
13-3	1/9/1997	0:00	11:40	Surface	1.6	0.2	22.82	7.69	7.49	28.70	44,378																
13-3	1/9/1997	0:00	11:40	Mid	1.6	0.8	22.88	7.71	7.51	28.72	44,425	0.6	15	1.0	9.8	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.52	0.52	0.02	0.09	2.7	1.6*
13-3	1/9/1997	0:00	11:40	Bottom	1.6	1.4	22.83	7.72	7.30	28.74	44,431																
13-4	1/9/1997	0:00	11:15	Surface	1.5	0.2	22.70	7.63	6.36	28.80	44,528																
13-4	1/9/1997	0:00	11:15	Mid	1.5	0.7	22.69	7.63	6.40	28.80	44,523	0.6	15	0.3	14.0	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.66	0.66	0.02	0.05	2.7	1.5*
13-4	1/9/1997	0:00	11:15	Bottom	1.5	1.3	22.71	7.64	6.35	28.79	44,513																
13-5	1/9/1997	0:00	11:00	Surface	2.0	0.2	22.74	7.66	6.97	28.69	44,374																
13-5	1/9/1997	0:00	11:00	Mid	2.0	1.0	22.73	7.66	7.02	28.69	44,374	0.7	15	0.4	15.8	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.65	0.65	0.03	0.07	2.7	2.0*
13-5	1/9/1997	0:00	11:00	Bottom	2.0	1.8	22.73	7.67	7.19	28.69	44,377																
14-1	1/9/1997	0:00	10:50	Surface	1.8	0.2	22.68	7.62	6.59	28.74	44,447																
14-1	1/9/1997	0:00	10:50	Mid	1.8	0.9	22.70	7.62	6.63	28.75	44,466	1.1	10	0.8	12.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.67	0.67	0.02	0.07	3.7	1.7
14-1	1/9/1997	0:00	10:50	Bottom	1.8	1.6	22.70	7.62	6.64	28.77	44,492																
14-2	1/9/1997	0:00	10:40	Surface	1.6	0.2	22.70	7.65	7.13	29.04	44,854																
14-2	1/9/1997	0:00	10:40	Mid	1.6	0.8	22.69	7.66	7.20	29.05	44,868	0.9	5	0.5	17.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.52	0.52	0.01	0.06	4.3	1.6*
14-2	1/9/1997	0:00	10:40	Bottom	1.6	1.4	22.70	7.68	7.29	29.04	44,859																
14-3	1/9/1997	0:00	10:30	Surface	1.5	0.2	22.62	7.55	5.51	29.82	45,946																
14-3	1/9/1997	0:00	10:30	Mid	1.5	0.7	22.54	7.54	5.38	29.88	46,016	1.1	5	1.7	1.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.73	0.73	0.02	0.08	3.7	1.3
14-3	1/9/1997	0:00	10:30	Bottom	1.5	1.3	22.48	7.54	5.30	29.97	46,133																
14-4	1/9/1997	0:00	10:20	Surface	2.0	0.2	22.25	7.64	6.90	30.93	47,449																
14-4	1/9/1997	0:00	10:20	Mid	2.0	1.0	22.23	7.65	6.93	31.00	47,546	0.4	5	2.0	13.2												

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
16-2	1/8/1997 0:00	12:55	Mid	2.9	1.0	22.07	7.66	7.16	31.06	47,633	0.8	5	0.4	16.4	<0.01	<0.01	0.01	0.01	<0.01	0.02	0.32	0.32	0.01	0.09	<1.0	2.9*
16-2	1/8/1997 0:00	12:55	Bottom	2.9	2.7	21.91	7.67	6.66	31.10	47,686																
16-3	1/8/1997 0:00	13:10	Surface	1.7	0.2	22.20	7.65	6.91	31.07	47,653																
16-3	1/8/1997 0:00	13:10	Mid	1.7	0.8	21.66	7.65	7.03	31.22	47,853	0.6	5	0.5	11.8	<0.01	<0.01	0.01	0.01	<0.01	0.01	0.46	0.46	0.01	0.10	<1.0	1.7*
16-3	1/8/1997 0:00	13:10	Bottom	1.7	1.5	21.60	7.66	7.04	31.22	47,852																
16-4	1/8/1997 0:00	13:25	Surface	1.4	0.2	21.15	7.75	8.05	31.55	48,286																
16-4	1/8/1997 0:00	13:25	Mid	1.4	0.7	21.13	7.76	8.06	31.55	48,291	0.8	5	0.4	6.0	<0.01	<0.01	0.01	0.01	<0.01	0.01	0.40	0.40	0.01	0.12	<1.0	1.4*
16-4	1/8/1997 0:00	13:25	Bottom	1.4	1.2	21.14	7.78	8.11	31.55	48,290																
16-5	1/8/1997 0:00	12:20	Surface	3.3	0.2	21.07	7.68	7.95	31.52	48,248																
16-5	1/8/1997 0:00	12:20	Mid	3.3	1.0	20.98	7.68	7.88	31.54	48,280	0.6	5	0.5	16.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.85	0.85	0.01	0.13	<1.0	3.3*
16-5	1/8/1997 0:00	12:20	Bottom	3.3	3.1	20.82	7.68	7.89	31.57	48,312																
LB-1	1/8/1997 0:00	11:25	Surface	3.2	0.2	23.26	7.54	5.43	28.93	44,716																
LB-1	1/8/1997 0:00	11:25	Mid	3.2	1.0	23.25	7.54	5.46	28.93	44,726	2.1	10	0.7	20.0	<0.01	<0.01	0.01	0.01	<0.01	0.01	1.12	1.12	0.03	0.22	<1.0	1.7
LB-1	1/8/1997 0:00	11:25	Bottom	3.2	3.0	23.25	7.55	5.52	28.96	44,764																
LB-2	1/8/1997 0:00	11:10	Surface	2.0	0.2	23.23	7.64	6.07	29.32	45,268																
LB-2	1/8/1997 0:00	11:10	Mid	2.0	1.0	23.20	7.64	6.05	29.33	45,270	2.4	15	0.6	22.0	<0.01	<0.01	0.01	0.01	<0.01	0.01	1.00	1.00	0.02	0.22	<1.0	1.7
LB-2	1/8/1997 0:00	11:10	Bottom	2.0	1.8	23.19	7.65	6.06	29.33	45,272																
LB-3	1/8/1997 0:00	10:50	Surface	2.8	0.2	23.20	7.68	6.33	29.44	45,420																
LB-3	1/8/1997 0:00	10:50	Mid	2.8	1.0	23.22	7.69	6.19	29.46	45,454	2.5	10	0.6	22.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.48	1.48	0.03	0.22	<1.0	1.7
LB-3	1/8/1997 0:00	10:50	Bottom	2.8	2.6	23.31	7.70	6.05	29.61	45,664																
LB-4	1/8/1997 0:00	10:35	Surface	1.5	0.2	23.49	7.85	8.24	30.10	46,350																
LB-4	1/8/1997 0:00	10:35	Mid	1.5	0.7	23.49	7.86	8.20	30.11	46,356	2.2	10	0.3	2.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.81	0.81	0.02	0.16	<1.0	1.5*
LB-4	1/8/1997 0:00	10:35	Bottom	1.5	1.3	23.49	7.89	8.18	30.10	46,352																
LB-5	1/8/1997 0:00	10:00	Surface	1.6	0.2	23.35	7.81	7.59	30.68	47,144																
LB-5	1/8/1997 0:00	10:00	Mid	1.6	0.8	23.35	7.81	7.63	30.68	47,145	2.4	10	0.4	20.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.78	0.78	0.03	0.15	<1.0	1.6*
LB-5	1/8/1997 0:00	10:00	Bottom	1.6	1.4	23.35	7.82	7.66	30.68	47,145																
LB-5 Rep	1/8/1997 0:00	10:15	Surface	1.6	0.2	23.35	7.81	7.58	30.68	47,146																
LB-5 Rep	1/8/1997 0:00	10:15	Mid	1.6	0.8	23.35	7.81	7.62	30.68	47,145	2.5	10	0.4	19.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.79	0.79	0.03	0.16	1.0	1.6*
LB-5 Rep	1/8/1997 0:00	10:15	Bottom	1.6	1.4	23.35	7.81	7.65	30.68	47,144																
ML-1	1/7/1997 0:00	12:00	Surface	1.9	0.2	23.23	7.13	6.01	9.24	15,806																
ML-1	1/7/1997 0:00	12:00	Mid	1.9	0.9	23.41	7.15	5.88	9.87	16,795	1.0	70	1.6	2.8	<0.01	0.02	0.02	0.04	0.02	0.03	1.06	1.08	0.15	0.36	2.7	1.3
ML-1	1/7/1997 0:00	12:00	Bottom	1.9	1.7	23.01	7.13	5.75	10.77	18,191																
ML-2	1/7/1997 0:00	11:40	Surface	1.2	0.2	23.17	7.15	5.87	10.26	17,408																
ML-2	1/7/1997 0:00	11:40	Mid	1.2	0.6	23.00	7.14	5.82	10.38	17,591	0.9	80	1.4	6.0	<0.01	0.02	0.02	0.04	0.02	0.03	0.99	1.01	0.14	0.39	3.2	1.2*
ML-2	1/7/1997 0:00	11:40	Bottom	1.2	1.0	22.93	7.13	5.83	10.65	17,997																
ML-3	1/7/1997 0:00	11:20	Surface	0.6	0.2	23.58	7.20	6.11	11.64	19,557																
ML-3	1/7/1997 0:00	11:20	Mid	0.6	0.3	23.55	7.19	6.07	12.19	20,422	1.0	70	1.9	10.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.97	0.97	0.12	0.36	4.3	0.6*
ML-3	1/7/1997 0:00	11:20	Bottom	0.6	0.4	23.51	7.19	6.10	12.38	20,726																
ML-4	1/7/1997 0:00	11:10	Surface	3.8	0.2	23.05	7.16	6.03	11.21	18,882																
ML-4	1/7/1997 0:00	11:10	Mid	3.8	1.0	23.08	7.17	6.04	11.28	18,984	1.0	70	1.5	4.4	<0.01	0.02	0.02	0.04	0.02	0.03	1.22	1.24	0.13	0.36	3.7	1.5
ML-4	1/7/1997 0:00	11:10	Bottom	3.8	3.6	23.19	7.19	5.97	12.80	21,329																
ML-5	1/7/1997 0:00	10:40	Surface	1.4	0.2	23.10	7.23	6.27	12.62	21,053																
ML-5	1/7/1997 0:00	10:40	Mid	1.4	0.7	23.09	7.22	6.26	12.63	21,059	1.1	70	2.6	10.4	<0.01	0.02	0.03	0.05	0.02	0.03	1.00	1.02	0.12	0.38	4.3	1.4*
ML-5	1/7/1997 0:00	10:40	Bottom	1.4	1.2	23.09	7.22	6.28	12.64	21,078																
ML-5 Rep	1/7/1997 0:00	10:50	Surface	1.4	0.2	23.11	7.23	6.28	12.62	21,049																
ML-5 Rep	1/7/1997 0:00	10:50	Mid	1.4	0.7	23.09	7.22	6.28	12.63	21,059	1.0	70	2.5	10.0	<0.01	0.02	0.02	0.04	0.02	0.03	1.03	1.05	0.12	0.37	3.9	1.4*
ML-5 Rep	1/7/1997 0:00	10:50	Bottom	1.4	1.2	23.09	7.22	6.27	12.64	21,073																
MU-1	1/7/1997 0:00	13:30	Surface	1.7	0.2	22.89	7.34	6.26	0.33	670																
MU-1	1/7/1997 0:00	13:30	Mid	1.7	0.8	22.38	7.33	6.22	0.30	616	0.5	100	1.4	1.5	<0.01	<0.01	0.01	0.01	<0.01	0.01	0.96	0.96	0.20	0.36	2.1	1.3
MU-1	1/7/1997 0:00	13:30	Bottom	1.7	1.5	22.29	7.32	6.10	0.29	586																
MU-2	1/7/1997 0:00	13:15	Surface	2.0	0.2	22.65	7.32	6.20	0.42	855																
MU-2	1/7/1997 0:00	13:15	Mid	2.0	1.0	22.60	7.33	6.21	0.41	844	0.5	100	1.3	1.2	<0.01	<0.01	0.01	0.01	<0.01	0.02	1.25	1.25	0.21	0.37	1.6	1.3
MU-2	1/7/1997 0:00	13:15	Bottom	2.0	1.8	22.50	7.31	6.21	0.42	865																
MU-3	1/7/1997 0:00	12:55	Surface	2.0	0.2	23.10	7.26	6.22	0.88	1,729																
MU-3	1/7/1997 0:00	12:55	Mid	2.0	1.0	22.77	7.25	6.21	0.90	1,781	0.4	120	1.1	1.8	<0.01	0.02	0.01	0.03	0.02	0.02	1.11	1.13	0.21	0.39	2.7	1.4
MU-3	1/7/1997 0:00	12:55	Bottom	2.0	1.8	22.79	7.23	6.20	0.99	1,937																
MU-4	1/7/1997 0:00	12:35	Surface	2.2	0.2	23.64	7.18	6.55	3.60	6,577																
MU-4	1/7/1997 0:00	12:35	Mid	2.2	1.0	23.45	7.16	6.39	3.71	6,770	0.6	100	1.3	3.2	<0.01	<0.01	0.01	0.01	<0.01	0.02	1.28	1.28	0.18	0.37	4.8	1.3
MU-4	1/7/1997 0:00	12:35	Bottom	2.2	2.0	23.37	7.14	6.29	3.97																	

Station	Date (mm/dd/yyyy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
10-2	2/13/1997 0:00	11:50	Surface	1.3	0.2	18.27	7.73	7.17	31.73	48,522																
10-2	2/13/1997 0:00	11:50	Mid	1.3	0.6	18.26	7.74	7.42	31.72	48,510	1.3	5	0.5	13.6	<0.01	<0.01	0.03	0.03	<0.01	0.03	0.42	0.42	0.06	0.25	1.60	1.3*
10-2	2/13/1997 0:00	11:50	Bottom	1.3	1.1	18.24	7.79	7.19	31.69	48,472																
10-3	2/13/1997 0:00	11:35	Surface	1.6	0.2	18.48	7.75	7.44	31.75	48,547																
10-3	2/13/1997 0:00	11:35	Mid	1.6	0.8	18.48	7.76	7.46	31.74	48,544	1.3	5	0.2	7.0	<0.01	<0.01	0.04	0.04	<0.01	0.04	0.46	0.46	0.06	0.26	<1.0	1.6*
10-3	2/13/1997 0:00	11:35	Bottom	1.6	1.4	18.48	7.80	7.44	31.74	48,537																
10-4	2/13/1997 0:00	12:05	Surface	2.8	0.2	18.45	7.78	7.35	31.81	48,640																
10-4	2/13/1997 0:00	12:05	Mid	2.8	1.0	18.45	7.80	7.36	31.80	48,631	1.2	5	0.9	17.0	<0.01	<0.01	0.01	0.01	<0.01	0.03	0.26	0.26	0.10	0.31	<1.0	2.8*
10-4	2/13/1997 0:00	12:05	Bottom	2.8	2.6	18.44	7.85	7.23	31.80	48,627																
10-5	2/13/1997 0:00	12:20	Surface	4.6	0.2	18.45	7.76	7.08	31.80	48,635																
10-5	2/13/1997 0:00	12:20	Mid	4.6	1.0	18.39	7.77	7.03	31.80	48,620	1.3	5	0.7	10.2	<0.01	<0.01	0.06	0.06	<0.01	0.07	0.27	0.27	0.10	0.30	<1.0	3.3
10-5	2/13/1997 0:00	12:20	Bottom	4.6	4.4	18.34	7.81	6.86	31.79	48,612																
11-1	2/13/1997 0:00	11:00	Surface	1.7	0.2	18.92	7.75	7.17	31.44	48,130																
11-1	2/13/1997 0:00	11:00	Mid	1.7	0.8	18.92	7.76	7.12	31.44	48,128	1.9	5	1.2	5.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.34	0.34	0.10	0.30	1.60	1.7*
11-1	2/13/1997 0:00	11:00	Bottom	1.7	1.5	18.93	7.78	7.35	31.44	48,124																
11-2	2/13/1997 0:00	10:35	Surface	2.4	0.2	18.59	7.66	7.24	31.52	48,230																
11-2	2/13/1997 0:00	10:35	Mid	2.4	1.0	18.48	7.66	7.23	31.55	48,275	1.5	5	0.6	14.4	<0.01	<0.01	0.02	0.02	<0.01	0.02	0.37	0.37	0.10	0.36	1.10	2.4*
11-2	2/13/1997 0:00	10:35	Bottom	2.4	2.2	18.16	7.68	7.08	31.59	48,340																
11-3	2/13/1997 0:00	10:00	Surface	2.7	0.2																					

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
16-3	2/11/1997 0:00	13:10	Mid	1.7	0.8	19.06	7.78	6.46	29.89	45,987	1.0	15	2.9	12.6	<0.01	<0.01	0.02	0.02	<0.01	0.02	0.28	0.28	0.01	0.27	2.70	1.7*
16-3	2/11/1997 0:00	13:10	Bottom	1.7	1.5	18.96	7.81	6.30	30.07	46,236																
16-4	2/11/1997 0:00	13:20	Surface	1.5	0.2	18.89	7.76	6.30	30.29	46,547																
16-4	2/11/1997 0:00	13:20	Mid	1.5	0.7	18.88	7.77	6.30	30.29	46,542	0.6	10	2.2	14.4	<0.01	<0.01	0.01	0.01	<0.01	0.01	0.53	0.53	0.01	0.24	2.00	1.5*
16-4	2/11/1997 0:00	13:20	Bottom	1.5	1.3	18.86	7.80	6.37	30.28	46,539																
16-5	2/11/1997 0:00	12:20	Surface	1.4	0.2	18.95	7.79	6.69	30.31	46,574																
16-5	2/11/1997 0:00	12:20	Mid	1.4	0.7	18.90	7.79	6.61	30.31	46,573	0.6	10	2.8	17.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.43	0.43	0.01	0.28	2.10	1.4*
16-5	2/11/1997 0:00	12:20	Bottom	1.4	1.2	18.83	7.82	6.57	30.30	46,563																
LB-1	2/11/1997 0:00	11:30	Surface	2.9	0.2	19.13	7.49	6.01	28.69	44,338																
LB-1	2/11/1997 0:00	11:30	Mid	2.9	1.0	19.12	7.50	6.06	28.70	44,343	0.4	10	2.0	16.4	<0.01	<0.01	0.01	0.01	<0.01	0.01	1.38	1.38	0.05	0.32	1.60	1.8
LB-1	2/11/1997 0:00	11:30	Bottom	2.9	2.7	19.11	7.49	5.94	28.69	44,338																
LB-2	2/11/1997 0:00	11:05	Surface	3.0	0.2	19.18	7.49	5.63	28.84	44,538																
LB-2	2/11/1997 0:00	11:05	Mid	3.0	1.0	19.15	7.49	5.55	28.84	44,542	0.6	10	1.3	9.0	<0.01	<0.01	0.02	0.02	<0.01	0.02	1.34	1.34	0.05	0.28	1.00	1.7
LB-2	2/11/1997 0:00	11:05	Bottom	3.0	2.8	19.14	7.50	5.50	28.83	44,532																
LB-3	2/11/1997 0:00	10:30	Surface	2.3	0.2	19.52	7.63	5.83	29.44	45,372																
LB-3	2/11/1997 0:00	10:30	Mid	2.3	1.0	19.52	7.64	5.77	29.45	45,387	1.0	10	2.1	18.2	<0.01	0.02	0.05	0.07	0.03	0.06	1.49	1.52	0.06	0.31	2.10	1.4
LB-3	2/11/1997 0:00	10:30	Bottom	2.3	2.1	19.51	7.65	5.76	29.46	45,407																
LB-4	2/11/1997 0:00	10:15	Surface	1.8	0.2	19.23	7.51	4.95	28.49	44,038																
LB-4	2/11/1997 0:00	10:15	Mid	1.8	0.9	19.14	7.55	4.98	28.74	44,374	1.3	10	1.8	19.2	<0.01	0.01	0.03	0.04	0.03	0.04	0.63	0.66	0.09	0.32	2.70	1.5
LB-4	2/11/1997 0:00	10:15	Bottom	1.8	1.6	19.03	7.61	4.70	29.42	45,334																
LB-5	2/11/1997 0:00	10:00	Surface	1.5	0.2	19.25	7.73	6.09	30.04	46,206																
LB-5	2/11/1997 0:00	10:00	Mid	1.5	0.7	19.25	7.72	6.07	30.04	46,211	1.3	5	2.0	13.6	<0.01	0.01	0.04	0.05	0.03	0.06	0.38	0.41	0.05	0.14	3.20	1.5*
LB-5	2/11/1997 0:00	10:00	Bottom	1.5	1.3	19.24	7.72	6.06	30.05	46,217																
LB-5 Rep	2/11/1997 0:00	10:05	Surface	1.5	0.2	19.25	7.73	6.11	30.04	46,201																
LB-5 Rep	2/11/1997 0:00	10:05	Mid	1.5	0.7	19.25	7.72	6.07	30.04	46,207	1.2	5	1.8	13.2	<0.01	0.01	0.04	0.05	0.02	0.05	0.40	0.42	0.04	0.14	3.20	1.5*
LB-5 Rep	2/11/1997 0:00	10:05	Bottom	1.5	1.3	19.24	7.72	6.06	30.05	46,215																
ML-1	2/12/1997 0:00	10:40	Surface	1.7	0.2	18.63	7.04	6.73	10.49	17,711																
ML-1	2/12/1997 0:00	10:40	Mid	1.7	0.8	18.58	7.06	6.66	11.09	18,631	0.8	80	0.6	2.8	<0.01	0.05	0.15	0.20	0.08	0.18	1.05	1.13	0.11	0.18	1.10	1.6
ML-1	2/12/1997 0:00	10:40	Bottom	1.7	1.5	18.59	7.15	6.96	11.40	19,122																
ML-2	2/12/1997 0:00	10:30	Surface	1.0	0.2	18.77	7.13	7.52	12.56	20,906																
ML-2	2/12/1997 0:00	10:30	Mid	1.0	0.5	18.66	7.17	7.60	13.63	22,580	0.9	70	0.6	5.0	<0.01	0.05	0.03	0.08	0.07	0.05	0.87	0.94	0.10	0.20	2.10	1.0*
ML-2	2/12/1997 0:00	10:30	Bottom	1.0	0.8	18.71	7.24	7.67	13.85	22,877																
ML-3	2/12/1997 0:00	10:20	Surface	3.5	0.2	18.84	7.09	7.53	11.69	19,800																
ML-3	2/12/1997 0:00	10:20	Mid	3.5	1.0	18.51	7.10	7.39	13.42	22,194	1.0	70	0.5	6.2	<0.01	0.05	0.05	0.10	0.07	0.07	1.04	1.11	0.15	0.30	2.10	1.5
ML-3	2/12/1997 0:00	10:20	Bottom	3.5	3.3	18.18	7.12	7.33	14.30	23,537																
ML-4	2/12/1997 0:00	10:10	Surface	1.2	0.2	17.67	7.06	7.34	15.07	24,699																
ML-4	2/12/1997 0:00	10:10	Mid	1.2	0.6	17.67	7.07	7.48	15.07	24,699	0.7	60	0.5	4.8	<0.01	0.15	0.14	0.29	0.17	0.14	0.88	1.05	0.15	0.25	1.10	1.2*
ML-4	2/12/1997 0:00	10:10	Bottom	1.2	1.0	17.66	7.11	7.18	15.07	24,701																
ML-5	2/12/1997 0:00	9:55	Surface	1.3	0.2	17.11	7.06	7.27	16.66	27,064																
ML-5	2/12/1997 0:00	9:55	Mid	1.3	0.6	16.77	7.05	6.94	17.01	27,594	1.1	50	0.5	10.2	<0.01	0.10	0.15	0.25	0.10	0.16	1.22	1.32	0.16	0.18	1.80	1.3*
ML-5	2/12/1997 0:00	9:55	Bottom	1.3	1.1	16.77	7.08	6.99	17.03	27,624																
ML-5 Rep	2/12/1997 0:00	10:00	Surface	1.3	0.2	17.12	7.06	7.58	16.66	27,071																
ML-5 Rep	2/12/1997 0:00	10:00	Mid	1.3	0.6	16.78	7.05	7.19	17.02	27,606	1.0	50	0.5	10.4	<0.01	0.10	0.12	0.22	0.10	0.12	1.20	1.30	0.14	0.16	2.00	1.3*
ML-5 Rep	2/12/1997 0:00	10:00	Bottom	1.3	1.1	16.78	7.06	7.13	17.04	27,634																
MU-1	2/12/1997 0:00	12:00	Surface	2.3	0.2	19.35	7.03	6.70	0.21	434																
MU-1	2/12/1997 0:00	12:00	Mid	2.3	1.0	19.27	7.06	6.72	0.21	435	0.6	80	0.8	1.8	<0.01	<0.01	0.12	0.12	<0.01	0.12	1.21	1.21	0.21	0.24	<1.0	1.5
MU-1	2/12/1997 0:00	12:00	Bottom	2.3	2.1	19.27	7.13	6.83	0.21	436																
MU-2	2/12/1997 0:00	11:45	Surface	2.6	0.2	19.57	7.09	6.69	0.22	459																
MU-2	2/12/1997 0:00	11:45	Mid	2.6	1.0	19.55	7.15	6.75	0.22	465	0.4	80	0.7	2.0	<0.01	0.05	0.10	0.15	0.06	0.14	1.12	1.18	0.21	0.23	<1.0	1.5
MU-2	2/12/1997 0:00	11:45	Bottom	2.6	2.4	19.53	7.24	6.96	0.22	465																
MU-3	2/12/1997 0:00	11:25	Surface	1.1	0.2	19.23	7.00	6.82	2.33	4,355																
MU-3	2/12/1997 0:00	11:25	Mid	1.1	0.5	18.90	6.99	6.70	3.06	5,623	0.6	90	0.7	2.6	<0.01	0.01	0.05	0.06	0.01	0.07	1.10	1.11	0.21	0.26	2.10	1.1*
MU-3	2/12/1997 0:00	11:25	Bottom	1.1	0.9	18.85	7.05	6.60	3.38	6,215																
MU-4	2/12/1997 0:00	11:15	Surface	1.2	0.2	19.14	6.97	6.69	4.75	8,149																
MU-4	2/12/1997 0:00	11:15	Mid	1.2	0.6	18.97	6.97	6.64	5.43	9,666	0.6	90	0.5	3.4	<0.01	<0.01	0.08	0.08	<0.01	0.10	1.05	1.05	0.18	0.20	1.60	1.2*
MU-4	2/12/1997 0:00	11:15	Bottom	1.2	1.0	18.97	7.02	6.68	5.57	9,850																
MU-5	2/12/1997 0:00	11:00	Surface	1.5	0.2	19.04	6.98	6.92	8.71	14,928																
MU-5	2/12/1997 0:00	11:00	Mid	1.5	0.7	18.87	6.98	6.86	9.13	15,569	0.6	60	0.6	6.8	<0.01	<0.01	0.04	0.04	<0.01	0.06	1.00	1.00	0.20	0.21	2.10	1.5*
MU-5	2/12/1997 0:00	11:00	Bottom	1.5	1.3	18.86	7.00	6.82	9.14</																	

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
10-3	3/10/1997 0:00	12:00	Surface	1.6	0.2	23.69	7.79	7.16	32.10	49,091																
10-3	3/10/1997 0:00	12:00	Mid	1.6	0.8	23.69	7.79	7.23	32.09	49,083	0.5	5	0.3	7.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.39	0.39	0.01	0.17	<1.0	1.6*
10-3	3/10/1997 0:00	12:00	Bottom	1.6	1.4	23.70	7.80	7.24	32.09	49,084																
10-4	3/10/1997 0:00	11:20	Surface	3.6	0.2	23.72	7.78	6.62	32.13	49,145																
10-4	3/10/1997 0:00	11:20	Mid	3.6	1.0	23.70	7.79	6.70	32.13	49,139	0.7	5	1.9	5.6	<0.01	<0.01	0.02	0.02	<0.01	0.06	0.58	0.58	0.01	0.16	1.1	2.7
10-4	3/10/1997 0:00	11:20	Bottom	3.6	3.4	23.69	7.79	6.66	32.13	49,136																
10-5	3/10/1997 0:00	10:50	Surface	1.8	0.2	23.61	7.74	6.62	32.10	49,091																
10-5	3/10/1997 0:00	10:50	Mid	1.8	0.9	23.61	7.74	6.56	32.10	49,087	0.4	5	2.2	6.4	<0.01	<0.01	0.01	0.01	<0.01	0.03	0.32	0.32	0.01	0.17	<1.0	1.8*
10-5	3/10/1997 0:00	10:50	Bottom	1.8	1.6	23.61	7.74	6.66	32.10	49,088																
11-1	3/10/1997 0:00	12:30	Surface	3.6	0.2	23.95	7.79	7.10	32.03	49,003																
11-1	3/10/1997 0:00	12:30	Mid	3.6	1.0	23.94	7.79	7.08	32.03	49,009	0.9	5	2.0	5.2	<0.01	<0.01	0.01	0.01	<0.01	0.01	0.48	0.48	0.01	0.18	1.6	2.0
11-1	3/10/1997 0:00	12:30	Bottom	3.6	3.4	23.89	7.80	6.92	32.02	48,996																
11-2	3/10/1997 0:00	12:45	Surface	3.6	0.2	23.98	7.82	7.03	32.11	49,117																
11-2	3/10/1997 0:00	12:45	Mid	3.6	1.0	23.99	7.82	7.06	32.11	49,118	0.7	5	1.5	6.8	<0.01	<0.01	0.01	0.01	<0.01	0.04	0.49	0.49	0.01	0.14	<1.0	2.3
11-2	3/10/1997 0:00	12:45	Bottom	3.6	3.4	23.95	7.82	7.06	32.12	49,123																
11-3	3/10/1997 0:00	13:05	Surface	3.6	0.2	24.07	7.79	6.62	31.96	48,914																
11-3	3/10/1997 0:00	13:05	Mid	3.6	1.0	24.03	7.80	6.62	31.96	49,913	0.8	5	2.4	9.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.45	0.45	0.01	0.16	<1.0	2.0
11-3	3/10/1997 0:00	13:05	Bottom	3.6	3.4	23.94	7.82	6.57	31.94	48,886																
11-4	3/10/1997 0:00	11:05	Surface	3.7	0.2	23.85	7.76	7.05	31.98	48,932																
11-4	3/10/1997 0:00	11:05	Mid	3.7	1.0	23.75	7.76	6.85	31.98	48,941	0.8	5	1.8	7.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.51	0.51	0.02	0.15	1.6	2.0
11-4	3/10/1997 0:00	11:05	Bottom	3.7	3.5	23.65	7.76	6.91	31.99	48,947																
11-5	3/10/1997 0:00	10:30	Surface	3.0	0.2	23.80	7.68	6.27	31.81	48,702																
11-5	3/10/1997 0:00	10:30	Mid	3.0	1.0	23.80	7.68	6.31	31.80	48,694	0.9	5	1.3	2.4	<0.01	<0.01	0.02	0.02	<0.01	0.05	0.54	0.54	0.02	0.16	1.0	2.5
11-5	3/10/1997 0:00	10:30	Bottom	3.0	2.8	23.61	7.70	6.15	31.99	48,939																
11-5 Rep	3/10/1997 0:00	10:35	Surface	3.0	0.2	23.82	7.70	6.28	31.81	48,704																
11-5 Rep	3/10/1997 0:00	10:35	Mid	3.0	1.0	23.78	7.70	6.30	31.81	48,704	0.8	5	1.2	2.8	<0.01	<0.01	0.02	0.02	<0.01	0.04	0.54	0.54	0.02	0.15	1.1	2.5
11-5 Rep	3/10/1997 0:00	10:35	Bottom	3.0	2.8	23.68	7.71	6.14	32.04	49,004																
13-1	3/11/1997 0:00	12:45	Surface	1.7	0.2	24.77	7.74	6.20	31.57	48,398																
13-1	3/11/1997 0:00	12:45	Mid	1.7	0.8	24.76	7.75	6.13	31.57	48,397	0.8	10	1.3	18.0	<0.01	<0.01	0.02	0.02	<0.01	0.03	0.47	0.47	0.06	0.16	<1.0	1.7*
13-1	3/11/1997 0:00	12:45	Bottom	1.7	1.5	24.77	7.78	6.42	31.56	48,392																
13-2	3/11/1997 0:00	12:30	Surface	1.5	0.2	25.05	7.66	5.94	30.87	47,451																
13-2	3/11/1997 0:00	12:30	Mid	1.5	0.7	25.03	7.68	5.68	30.87	47,448																
13-2	3/11/1997 0:00	12:30	Bottom	1.5	1.3	25.03	7.70	5.72	30.87	47,449																
13-3	3/11/1997 0:00	12:15	Surface	1.7	0.2	25.48	7.70	6.87	30.50	46,936																
13-3	3/11/1997 0:00	12:15	Mid	1.7	0.8	25.35	7.72	7.04	30.58	47,064	0.8	10	1.0	14.4	<0.01	0.02	0.04	0.06	0.02	0.04	0.94	0.96	0.11	0.16	1.1	1.7*
13-3	3/11/1997 0:00	12:15	Bottom	1.7	1.5	25.33	7.74	7.26	30.59	47,072																
13-4	3/11/1997 0:00	12:00	Surface	3.0	0.2	25.40	7.66	6.32	30.19	46,524																
13-4	3/11/1997 0:00	12:00	Mid	3.0	1.0	25.20	7.64	5.99	30.33	46,693	2.0	10	3.8	30.4	<0.01	0.02	0.04	0.06	0.02	0.08	0.50	0.52	0.12	0.18	7.5	2.6
13-4	3/11/1997 0:00	12:00	Bottom	3.0	2.8	24.93	7.62	5.84	30.46	46,883																
13-5	3/11/1997 0:00	11:20	Surface	2.1	0.2	24.70	7.64	6.18	30.50	46,894																
13-5	3/11/1997 0:00	11:20	Mid	2.1	1.0	24.66	7.65	6.21	30.47	46,892	1.3	10	1.6	22.2	<0.01	<0.01	0.01	0.01	<0.01	0.03	0.65	0.65	0.12	0.18	3.2	2.1*
13-5	3/11/1997 0:00	11:20	Bottom	2.1	1.9	24.67	7.67	6.46	30.47	46,895																
14-1	3/11/1997 0:00	11:05	Surface	1.8	0.2	24.98	7.66	6.35	30.40	46,805																
14-1	3/11/1997 0:00	11:05	Mid	1.8	0.9	24.86	7.65	6.36	30.41	46,812	1.3	15	4.0	29.6	<0.01	<0.01	0.02	0.02	<0.01	0.03	0.76	0.76	0.12	0.20	3.7	1.4
14-1	3/11/1997 0:00	11:05	Bottom	1.8	1.6	24.81	7.66	6.46	30.43	46,831																
14-2	3/11/1997 0:00	10:50	Surface	0.8	0.2	24.95	7.78	7.11	30.97	47,588																
14-2	3/11/1997 0:00	10:50	Mid	0.8	0.4	24.92	7.78	6.89	30.98	47,585	0.8	15	2.3	19.4	<0.01	0.04	0.02	0.06	0.04	0.04	0.70	0.74	0.11	0.16	3.2	0.8*
14-2	3/11/1997 0:00	10:50	Bottom	0.8	0.6	24.64	7.79	6.83	31.08	47,741																
14-3	3/11/1997 0:00	10:40	Surface	1.7	0.2	24.89	7.83	6.87	31.26	47,975																
14-3	3/11/1997 0:00	10:40	Mid	1.7	0.8	24.51	7.83	6.57	31.35	48,086	2.6	10	3.4	15.0	<0.01	<0.01	0.01	0.01	<0.01	0.01	1.13	1.13	0.11	0.22	5.9	1.0
14-3	3/11/1997 0:00	10:40	Bottom	1.7	1.5	24.39	7.82	6.26	31.32	48,050																
14-4	3/11/1997 0:00	10:25	Surface	2.1	0.2	24.97	7.91	8.10	31.67	48,549																
14-4	3/11/1997 0:00	10:25	Mid	2.1	1.0	24.73	7.88	7.46	31.67	48,535	1.0	10	1.6	24.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.92	0.92	0.11	0.20	1.1	1.2
14-4	3/11/1997 0:00	10:25	Bottom	2.1	1.9	24.60	7.86	6.95	31.68	48,547																
14-5	3/11/1997 0:00	10:00	Surface	1.4	0.2	24.51	7.80	6.93	32.00	48,982																
14-5	3/11/1997 0:00	10:00	Mid	1.4	0.7	24.49	7.79	6.97	32.01	48,993	1.8	5	1.8	23.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.76	0.76	0.12	0.14	4.3	1.4*
14-5	3/11/1997 0:00	10:00	Bottom	1.4	1.2	24.50	7.78	7.01	32.02	49,003																
14-5 Rep	3/11/1997 0:00	10:10	Surface	1.4	0.2	24.52	7.79	6.91	32.00	48,977																
14-5 Rep	3/11/1997 0:00	10:10	Mid	1.4	0.7	24.49	7.79	6.95	32.00	48,984	1.4	5	1.7													

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
16-4	3/12/1997 0:00	12:00	Mid	2.3	1.0	24.79	7.81	7.10	32.15	49,191	0.7	5	0.5	19.8	<0.01	<0.01	0.02	0.02	<0.01	0.03	0.48	0.48	0.07	0.14	1.1	1.7
16-4	3/12/1997 0:00	12:00	Bottom	2.3	2.1	24.63	7.81	6.83	32.13	49,171																
16-5	3/12/1997 0:00	11:45	Surface	2.5	0.2	24.57	7.79	7.14	32.13	49,163																
16-5	3/12/1997 0:00	11:45	Mid	2.5	1.0	24.52	7.79	7.14	32.14	49,174	0.3	5	0.8	22.8	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.26	0.26	0.08	0.10	1.1	2.5*
16-5	3/12/1997 0:00	11:45	Bottom	2.5	2.3	24.48	7.80	7.05	32.14	49,178																
LB-1	3/12/1997 0:00	11:10	Surface	3.0	0.2	25.34	7.59	6.60	30.38	46,773																
LB-1	3/12/1997 0:00	11:10	Mid	3.0	1.0	25.04	7.53	5.66	30.37	46,758	0.7	20	0.8	6.0	<0.01	<0.01	0.02	0.02	<0.01	0.02	0.45	0.45	0.12	0.13	1.6	1.7
LB-1	3/12/1997 0:00	11:10	Bottom	3.0	2.8	24.99	7.53	5.44	30.36	46,738																
LB-2	3/12/1997 0:00	10:55	Surface	2.5	0.2	25.25	7.59	5.73	30.55	47,013																
LB-2	3/12/1997 0:00	10:55	Mid	2.5	1.0	25.07	7.57	5.17	30.55	47,012	0.8	15	0.9	8.4	<0.01	<0.01	0.08	0.08	<0.01	0.13	0.53	0.53	0.11	0.12	1.6	1.5
LB-2	3/12/1997 0:00	10:55	Bottom	2.5	2.3	24.92	7.60	5.16	30.56	47,017																
LB-3	3/12/1997 0:00	10:40	Surface	1.2	0.2	24.90	7.67	5.79	31.21	47,952																
LB-3	3/12/1997 0:00	10:40	Mid	1.2	0.6	24.86	7.67	5.82	21.25	47,955	1.2	20	1.6	15.2	<0.01	<0.01	0.02	0.02	<0.01	0.02	0.62	0.62	0.13	0.15	3.7	1.2*
LB-3	3/12/1997 0:00	10:40	Bottom	1.2	1.0	24.91	7.69	5.86	31.32	48,061																
LB-4	3/12/1997 0:00	10:25	Surface	1.3	0.2	24.51	7.71	5.55	31.58	48,398																
LB-4	3/12/1997 0:00	10:25	Mid	1.3	0.6	24.52	7.74	5.69	31.60	48,434	1.4	20	0.8	13.0	<0.01	<0.01	0.02	0.02	<0.01	0.04	0.55	0.55	0.13	0.15	3.2	1.3*
LB-4	3/12/1997 0:00	10:25	Bottom	1.3	1.1	24.70	7.80	6.09	31.80	48,708																
LB-5	3/12/1997 0:00	10:00	Surface	1.4	0.2	24.71	7.84	6.58	31.79	48,691																
LB-5	3/12/1997 0:00	10:00	Mid	1.4	0.7	24.45	7.78	5.94	31.83	48,747	1.5	20	1.0	14.0	<0.01	<0.01	0.04	0.04	<0.01	0.07	0.69	0.69	0.08	0.14	3.7	1.4*
LB-5	3/12/1997 0:00	10:00	Bottom	1.4	1.2	24.46	7.80	5.91	31.83	48,755																
LB-5 Rep	3/12/1997 0:00	10:10	Surface	1.4	0.2	24.70	7.83	6.60	31.79	48,702																
LB-5 Rep	3/12/1997 0:00	10:10	Mid	1.4	0.7	24.45	7.78	5.96	31.83	48,750	1.5	20	0.9	13.7	<0.01	<0.01	0.04	0.04	<0.01	0.08	0.70	0.70	0.10	0.15	4.3	1.4*
LB-5 Rep	3/12/1997 0:00	10:10	Bottom	1.4	1.2	24.46	7.80	5.93	31.83	48,756																
ML-1	3/13/1997 0:00	10:55	Surface	2.3	0.2	25.83	7.36	6.46	12.03	20,184																
ML-1	3/13/1997 0:00	10:55	Mid	2.3	1.0	25.78	7.35	6.36	12.07	20,238	1.5	60	1.4	8.2	<0.01	<0.01	0.02	0.02	<0.01	0.02	1.41	1.41	0.12	0.19	2.1	1.2
ML-1	3/13/1997 0:00	10:55	Bottom	2.3	2.1	25.58	7.31	5.88	12.49	20,906																
ML-2	3/13/1997 0:00	10:45	Surface	1.6	0.2	25.80	7.41	6.62	13.65	22,669																
ML-2	3/13/1997 0:00	10:45	Mid	1.6	0.8	25.77	7.40	6.45	13.64	22,657	1.4	60	0.8	8.0	<0.01	<0.01	0.02	0.02	<0.01	0.04	0.95	0.95	0.08	0.18	2.7	1.2
ML-2	3/13/1997 0:00	10:45	Bottom	1.6	1.4	25.73	7.38	6.46	13.72	22,769																
ML-3	3/13/1997 0:00	10:30	Surface	3.3	0.2	25.76	7.41	6.40	15.09	24,841																
ML-3	3/13/1997 0:00	10:30	Mid	3.3	1.0	25.65	7.40	6.17	15.19	24,996	1.4	60	1.3	10.0	<0.01	<0.01	0.02	0.02	<0.01	0.03	1.11	1.11	0.10	0.19	7.5	1.0
ML-3	3/13/1997 0:00	10:30	Bottom	3.3	3.1	25.56	7.37	6.11	15.70	25,757																
ML-4	3/13/1997 0:00	10:20	Surface	1.4	0.2	25.64	7.42	6.42	14.74	24,329																
ML-4	3/13/1997 0:00	10:20	Mid	1.4	0.7	25.45	7.42	6.16	15.87	26,035	1.3	60	1.0	8.4	<0.01	<0.01	0.03	0.03	<0.01	0.04	1.10	1.10	0.10	0.19	5.9	1.2
ML-4	3/13/1997 0:00	10:20	Bottom	1.4	1.2	25.35	7.41	6.16	16.18	26,471																
ML-5	3/13/1997 0:00	10:00	Surface	1.1	0.2	25.19	7.44	6.36	16.77	27,339																
ML-5	3/13/1997 0:00	10:00	Mid	1.1	0.5	25.16	7.43	6.27	16.83	27,421	1.4	60	1.1	7.0	<0.01	<0.01	0.02	0.02	<0.01	0.04	1.09	1.09	0.08	0.18	6.9	1.1*
ML-5	3/13/1997 0:00	10:00	Bottom	1.1	0.9	25.15	7.43	6.28	16.87	27,483																
ML-5 Rep	3/13/1997 0:00	10:10	Surface	1.1	0.2	25.20	7.45	6.38	16.76	27,331																
ML-5 Rep	3/13/1997 0:00	10:10	Mid	1.1	0.5	25.16	7.43	6.29	16.80	27,375	1.4	60	1.1	6.7	<0.01	<0.01	0.02	0.02	<0.01	0.03	1.08	1.08	0.10	0.19	6.9	1.1*
ML-5 Rep	3/13/1997 0:00	10:10	Bottom	1.1	0.9	25.15	7.43	6.27	16.87	27,492																
MU-1	3/13/1997 0:00	12:35	Surface	2.0	0.2	25.85	7.19	5.99	0.24	497																
MU-1	3/13/1997 0:00	12:35	Mid	2.0	1.0	25.44	7.14	5.98	0.24	495	0.4	90	0.7	2.0	<0.01		0.04	0.06	0.02	0.08	0.95	0.97	0.20	0.28	5.9	1.7
MU-1	3/13/1997 0:00	12:35	Bottom	2.0	1.8	25.41	7.12	5.99	0.24	496																
MU-2	3/13/1997 0:00	12:15	Surface	3.3	0.2	25.71	7.30	6.13	0.26	535																
MU-2	3/13/1997 0:00	12:15	Mid	3.3	1.0	25.69	7.29	6.14	0.26	545	0.5	80	1.0	3.2	0.02	0.06	0.02	0.10	0.08	0.06	0.89	0.97	0.17	0.27	6.4	1.7
MU-2	3/13/1997 0:00	12:15	Bottom	3.3	3.1	25.65	7.29	6.16	0.26	554																
MU-3	3/13/1997 0:00	11:50	Surface	1.9	0.2	26.18	7.16	6.03	1.01	1,984																
MU-3	3/13/1997 0:00	11:50	Mid	1.9	0.9	25.86	7.11	6.02	1.09	2,132	0.8	70	1.2	4.0	0.01	0.03	0.02	0.06	0.05	0.04	1.06	1.11	0.17	0.27	3.7	1.2
MU-3	3/13/1997 0:00	11:50	Bottom	1.9	1.7	25.68	7.03	5.72	1.44	2,780																
MU-4	3/13/1997 0:00	11:30	Surface	1.6	0.2	26.07	7.21	6.55	7.16	12,513																
MU-4	3/13/1997 0:00	11:30	Mid	1.6	0.8	26.10	7.22	6.63	7.22	12,605	0.8	70	0.6	5.4	0.01	0.04	0.11	0.16	0.05	0.12	1.58	1.63	0.15	0.22	4.3	1.1
MU-4	3/13/1997 0:00	11:30	Bottom	1.6	1.4	26.09	7.23	6.38	7.44	12,963																
MU-5	3/13/1997 0:00	11:10	Surface	3.0	0.2	26.10	7.34	6.79	9.81	16,725																
MU-5	3/13/1997 0:00	11:10	Mid	3.0	1.0	25.90	7.31	6.56	10.27	17,480	1.2	70	0.6	4.2	<0.01	<0.01	0.02	0.02	<0.01	0.03	0.99	0.99	0.11	0.20	4.3	1.2
MU-5	3/13/1997 0:00	11:10	Bottom	3.0	2.8	25.78	7.30	6.22	10.41	17,681																
Equip Blank	3/10/1997 0:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<1.0	NA	
Equip Blank	3/11/1997 0:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA	
Equip Blank	3/12/1997 0:00	NA	NA	NA	NA	NA																				

Station	Date (mm/dd/yyyy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
10-4	4/21/1997 0:00	13:00	Surface	1.5	0.2	22.17	7.74	7.01	31.89	48,740																
10-4	4/21/1997 0:00	13:00	Mid	1.5	0.7	22.14	7.74	7.03	31.87	48,700	0.8	5	0.6	6.6	<0.01	<0.01	0.02	0.02	<0.01	0.06	0.29	0.29	0.02	0.12	<1.0	1.5*
10-4	4/21/1997 0:00	13:00	Bottom	1.5	1.3	22.16	7.74	7.24	31.70	48,390																
10-5	4/21/1997 0:00	13:20	Surface	2.8	0.2	22.89	7.81	8.01	31.91	49,157																
10-5	4/21/1997 0:00	13:20	Mid	2.8	1.0	22.77	7.81	7.81	31.61	48,631	0.9	10	0.6	3.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.28	0.28	0.02	0.14	1.1	2.8*
10-5	4/21/1997 0:00	13:20	Bottom	2.8	2.6	22.74	7.82	7.25	31.81	48,900																
11-1	4/21/1997 0:00	11:50	Surface	3.7	0.2	21.99	7.78	6.78	32.23	49,239																
11-1	4/21/1997 0:00	11:50	Mid	3.7	1.0	21.86	7.83	6.92	32.26	49,273	0.8	5	0.4	8.0	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.38	0.38	0.02	0.18	1.6	3.0
11-1	4/21/1997 0:00	11:50	Bottom	3.7	3.5	21.85	7.98	6.99	32.36	49,411																
11-2	4/21/1997 0:00	11:20	Surface	3.5	0.2	21.83	7.74	6.87	32.12	49,081																
11-2	4/21/1997 0:00	11:20	Mid	3.5	1.0	21.77	7.75	6.69	32.11	49,074	1.1	5	0.6	7.3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.14	0.14	0.02	0.19	<1.0	3.0
11-2	4/21/1997 0:00	11:20	Bottom	3.5	3.3	21.73	7.75	6.68	32.12	49,084																
11-2 Rep	4/21/1997 0:00	11:30	Surface	3.5	0.2	21.88	7.74	6.81	32.12	49,085																
11-2 Rep	4/21/1997 0:00	11:30	Mid	3.5	1.0	21.82	7.74	6.85	32.11	49,075	1.0	5	0.5	7.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.14	0.14	0.02	0.19	<1.0	3.0
11-2 Rep	4/21/1997 0:00	11:30	Bottom	3.5	3.3	21.74	7.76	6.73	32.12	49,083																
11-3	4/21/1997 0:00	14:15	Surface	3.0	0.2	22.45	7.76	7.22	32.50	49,582																
11-3	4/21/1997 0:00	14:15	Mid	3.0	1.0	22.43	7.76	7.21	32.20	49,138	1.2	5	1.1	5.0	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	0.42	0.42	0.02	0.16	1.6	2.0
11-3	4/21/1997 0:00	14:15	Bottom	3.0	2.8	22.19	7.76	6.89	32.01	48,930																
11-4	4/21/1997 0:00	14:00	Surface																							

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date (mm/dd/yy)	Time (24-hrs)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
16-5	4/22/1997 0:00	11:50	Mid	2.5	1.0	23.23	7.96	6.39	30.10	46,400	0.5	5	1.7	5.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.43	0.43	0.02	0.30	4.3	1.3
16-5	4/22/1997 0:00	11:50	Bottom	2.5	2.3	23.20	7.97	6.46	30.20	46,400																
LB-1	4/22/1997 0:00	11:05	Surface	3.1	0.2	24.03	7.89	5.42	29.00	44,900																
LB-1	4/22/1997 0:00	11:05	Mid	3.1	1.0	23.92	7.88	5.37	29.00	44,800	1.0	15	1.0	10.0	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.39	0.39	0.05	0.38	1.1	2.3
LB-1	4/22/1997 0:00	11:05	Bottom	3.1	2.9	23.83	7.88	5.38	29.00	44,800																
LB-2	4/22/1997 0:00	10:55	Surface	0.6	0.2	24.18	8.03	6.57	29.20	45,100																
LB-2	4/22/1997 0:00	10:55	Mid	0.6	0.3	24.18	8.04	6.56	29.20	45,100	1.2	15	1.1	3.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	0.30	0.30	0.04	0.48	2.1	0.6*
LB-2	4/22/1997 0:00	10:55	Bottom	0.6	0.4	24.19	8.04	6.60	29.20	45,100																
LB-3	4/22/1997 0:00	10:40	Surface	1.0	0.2	23.66	8.05	6.23	29.00	44,800																
LB-3	4/22/1997 0:00	10:40	Mid	1.0	0.5	23.61	8.02	6.22	29.10	44,900	1.2	15	1.1	10.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.30	0.30	0.04	0.36	1.6	1.0*
LB-3	4/22/1997 0:00	10:40	Bottom	1.0	0.8	23.39	8.01	6.17	29.10	45,000																
LB-4	4/22/1997 0:00	10:25	Surface	1.3	0.2	23.14	8.13	6.14	29.20	45,200																
LB-4	4/22/1997 0:00	10:25	Mid	1.3	0.6	23.15	8.14	6.14	29.40	45,300	1.2	10	0.8	8.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.26	0.26	0.04	0.45	3.2	1.3*
LB-4	4/22/1997 0:00	10:25	Bottom	1.3	1.1	23.11	8.15	6.10	29.20	45,200																
LB-5	4/22/1997 0:00	10:05	Surface	2.0	0.2	22.99	8.10	5.93	30.00	46,200																
LB-5	4/22/1997 0:00	10:05	Mid	2.0	1.0	22.91	8.07	5.79	30.00	46,200	1.4	10	0.7	12.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.33	0.33	0.02	0.30	2.1	2.0*
LB-5	4/22/1997 0:00	10:05	Bottom	2.0	1.8	22.86	8.06	5.66	30.00	46,100																
LB-5 Rep	4/22/1997 0:00	10:15	Surface	2.0	0.2	23.00	8.10	5.95	30.00	46,200																
LB-5 Rep	4/22/1997 0:00	10:15	Mid	2.0	1.0	22.92	8.09	5.79	30.00	46,200	1.6	10	0.7	12.8	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.31	0.31	0.02	0.31	1.8	2.0*
LB-5 Rep	4/22/1997 0:00	10:15	Bottom	2.0	1.8	22.86	8.07	5.67	30.00	46,100																
ML-1	4/24/1997 0:00	11:15	Surface	2.2	0.2	24.24	7.27	4.83	11.30	19,400																
ML-1	4/24/1997 0:00	11:15	Mid	2.2	1.0	24.12	7.29	4.88	11.70	20,000	1.1	70	1.1	5.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.11	0.11	0.13	0.93	4.3	1.6
ML-1	4/24/1997 0:00	11:15	Bottom	2.2	2.0	24.16	7.27	4.86	11.00	19,000																
ML-2	4/24/1997 0:00	11:00	Surface	6.2	0.2	24.12	7.39	5.08	12.70	21,500																
ML-2	4/24/1997 0:00	11:00	Mid	6.2	1.0	24.14	7.41	5.14	12.80	21,600	1.1	60	0.9	8.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	0.19	0.19	0.11	0.85	4.0	1.5
ML-2	4/24/1997 0:00	11:00	Bottom	6.2	6.0	24.16	7.41	5.15	13.10	22,100																
ML-3	4/24/1997 0:00	10:40	Surface	3.5	0.2	24.31	7.44	5.12	11.80	20,600																
ML-3	4/24/1997 0:00	10:40	Mid	3.5	1.0	24.12	7.43	5.02	13.10	22,200	1.2	70	1.5	10.8	<0.01	<0.01	0.01	0.01	<0.01	0.02	0.12	0.12	0.11	1.06	5.3	1.5
ML-3	4/24/1997 0:00	10:40	Bottom	3.5	3.3	24.15	7.42	5.00	13.20	22,300																
ML-4	4/24/1997 0:00	10:25	Surface	1.8	0.2	24.12	7.42	5.15	13.30	22,400																
ML-4	4/24/1997 0:00	10:25	Mid	1.8	0.9	24.12	7.41	5.13	13.30	22,400	1.0	60	1.3	13.8	<0.01	<0.01	0.01	0.01	<0.01	0.03	0.11	0.11	0.11	1.02	4.3	1.4
ML-4	4/24/1997 0:00	10:25	Bottom	1.8	1.6	24.10	7.40	5.15	13.40	22,500																
ML-5	4/24/1997 0:00	10:00	Surface	1.9	0.2	23.93	7.49	5.09	14.10	23,600																
ML-5	4/24/1997 0:00	10:00	Mid	1.9	0.9	23.91	7.48	5.00	14.50	24,300	0.7	60	1.2	7.4	<0.01	<0.01	0.01	0.01	<0.01	0.03	0.10	0.10	0.10	0.89	4.3	1.4
ML-5	4/24/1997 0:00	10:00	Bottom	1.9	1.7	23.88	7.48	5.00	14.60	24,300																
ML-5 Rep	4/24/1997 0:00	10:10	Surface	1.9	0.2	23.92	7.49	5.13	14.10	23,600																
ML-5 Rep	4/24/1997 0:00	10:10	Mid	1.9	0.9	23.90	7.48	5.02	14.60	24,300	0.9	60	1.4	7.2	<0.01	<0.01	0.02	0.02	<0.01	0.03	0.10	0.10	0.11	0.89	4.2	1.4
ML-5 Rep	4/24/1997 0:00	10:10	Bottom	1.9	1.7	23.90	7.46	5.00	14.60	24,300																
MU-1	4/24/1997 0:00	13:10	Surface	1.7	0.2	24.61	7.35	6.09	0.30	1,650																
MU-1	4/24/1997 0:00	13:10	Mid	1.7	0.8	24.58	7.35	6.15	0.40	1,700	0.5	70	0.7	1.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.23	0.23	0.24	1.36	2.0	1.7*
MU-1	4/24/1997 0:00	13:10	Bottom	1.7	1.5	24.51	7.31	6.17	0.40	1,730																
MU-2	4/24/1997 0:00	12:45	Surface	1.5	0.2	24.72	7.21	5.89	2.00	4,450																
MU-2	4/24/1997 0:00	12:45	Mid	1.5	0.7	24.52	7.18	5.83	2.30	4,980	0.2	80	0.5	1.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.20	0.20	0.23	1.30	2.1	1.5*
MU-2	4/24/1997 0:00	12:45	Bottom	1.5	1.3	24.35	7.14	5.85	2.50	5,430																
MU-3	4/24/1997 0:00	12:25	Surface	1.9	0.2	24.57	7.13	5.58	3.80	7,520																
MU-3	4/24/1997 0:00	12:25	Mid	1.9	0.9	24.53	7.11	5.60	3.80	7,600	0.3	70	0.4	2.4	<0.01	0.02	0.02	0.04	0.02	0.03	0.19	0.21	0.21	1.30	1.1	1.9
MU-3	4/24/1997 0:00	12:25	Bottom	1.9	1.7	24.47	7.09	5.61	3.90	7,730																
MU-4	4/24/1997 0:00	12:00	Surface	1.2	0.2	24.49	7.13	5.38	7.30	13,220																
MU-4	4/24/1997 0:00	12:00	Mid	1.2	0.6	24.42	7.10	5.42	7.40	13,290	1.0	70	0.9	2.8	0.01	0.04	0.02	0.07	0.05	0.04	0.16	0.21	0.17	1.18	3.7	1.2*
MU-4	4/24/1997 0:00	12:00	Bottom	1.2	1.0	24.39	7.12	5.47	7.40	13,320																
MU-5	4/24/1997 0:00	11:35	Surface	1.5	0.2	24.29	7.18	5.16	8.70	15,400																
MU-5	4/24/1997 0:00	11:35	Mid	1.5	0.7	24.26	7.16	5.14	8.80	15,500	0.6	80	0.6	5.8	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.14	0.14	0.16	0.98	3.7	1.5*
MU-5	4/24/1997 0:00	11:35	Bottom	1.5	1.3	24.25	7.16	5.17	8.80	15,500																
Equip Blank	4/21/1997 0:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	4/23/1997 0:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	4/22/1997 0:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	4/24/1997 0:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
10-1	5/22/1997 0:00	11:35	Surface	3.5	0.2	27.31</																				

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
10-5	5/22/1997 0:00	10:15	Surface	2.8	0.2	27.17	8.02	5.74	33.30	50,800																
10-5	5/22/1997 0:00	10:15	Mid	2.8	1.0	27.17	8.04	5.75	33.30	50,800	0.8	5	1.3	21.8	<0.01	0.01	0.02	0.03	0.01	0.05	0.27	0.28	0.02	0.02	2.7	2.8*
10-5	5/22/1997 0:00	10:15	Bottom	2.8	2.6	27.17	8.02	5.79	33.20	50,700																
11-1	5/22/1997 0:00	11:55	Surface	3.7	0.2	28.39	8.14	6.96	32.60	49,800																
11-1	5/22/1997 0:00	11:55	Mid	3.7	1.0	27.95	8.12	6.50	32.80	50,100	1.6	5	1.2	7.2	<0.01	0.01	0.02	0.03	0.01	0.04	0.85	0.86	0.01	0.05	2.7	2.3
11-1	5/22/1997 0:00	11:55	Bottom	3.7	3.5	27.78	8.11	6.39	32.90	50,100																
11-2	5/22/1997 0:00	12:05	Surface	3.5	0.2	28.29	8.10	6.31	33.00	50,400																
11-2	5/22/1997 0:00	12:05	Mid	3.5	1.0	28.08	8.08	6.20	33.20	50,500	1.2	5	1.9	13.8	<0.01	0.01	0.04	0.05	0.01	0.06	0.64	0.65	0.01	0.04	2.7	2.3
11-2	5/22/1997 0:00	12:05	Bottom	3.5	3.3	26.99	8.08	6.32	33.40	50,900																
11-3	5/22/1997 0:00	12:25	Surface	2.8	0.2	28.59	8.10	6.26	32.70	49,900																
11-3	5/22/1997 0:00	12:25	Mid	2.8	1.0	28.40	8.10	6.31	32.70	50,000	1.4	5	1.8	17.0	<0.01	0.01	0.04	0.05	0.01	0.06	0.41	0.42	0.01	0.01	2.1	2.3
11-3	5/22/1997 0:00	12:25	Bottom	2.8	2.6	28.33	8.09	6.33	32.80	50,100																
11-4	5/22/1997 0:00	10:35	Surface	4.8	0.2	28.21	8.08	5.96	32.70	49,600																
11-4	5/22/1997 0:00	10:35	Mid	4.8	1.0	28.08	8.06	5.94	32.80	50,100	1.2	5	1.1	12.6	<0.01	0.01	0.01	0.02	0.02	0.03	0.53	0.55	0.01	0.02	3.7	1.8
11-4	5/22/1997 0:00	10:35	Bottom	4.8	4.6	27.89	8.04	5.98	33.10	50,300																
11-5	5/22/1997 0:00	9:55	Surface	1.7	0.2	27.89	8.04	5.87	32.40	49,500																
11-5	5/22/1997 0:00	9:55	Mid	1.7	0.8	27.65	8.03	5.72	32.70	50,100	1.2	5	1.4	12.9	<0.01	0.01	0.03	0.04	0.01	0.06	0.57	0.58	0.01	0.02	3.7	1.7*
11-5	5/22/1997 0:00	9:55	Bottom	1.7	1.5	27.56	8.01	5.96	33.00	50,400																
11-5 Rep	5/22/1997 0:00	10:00	Surface	1.7	0.2	27.90	8.04	5.85	32.40	49,500																
11-5 Rep	5/22/1997 0:00	10:00	Mid	1.7	0.8	27.63	8.02	5.79	32.70	50,200	1.0	5	1.3	13.2	<0.01	0.01	0.04	0.05	0.01	0.07	0.56	0.57	0.02	0.03	3.7	1.7*
11-5 Rep	5/22/1997 0:00	10:00	Bottom	1.7	1.5	27.58	8.01	5.95	33.00	50,400																
13-1	5/19/1997 0:00	12:35	Surface	2.1	0.2	27.71	8.25	6.39	30.20	46,400																
13-1	5/19/1997 0:00	12:35	Mid	2.1	1.0	26.83	8.24	6.08	31.50	48,300	0.9	5	0.7	7.8	<0.01	0.01	<0.01	0.01	0.01	0.01	0.75	0.76	0.04	0.04	2.1	2.0
13-1	5/19/1997 0:00	12:35	Bottom	2.1	1.9	26.67	8.24	5.89	31.80	48,700																
13-2	5/19/1997 0:00	12:20	Surface	2.0	0.2	27.33	8.16	5.61	29.30	45,300																
13-2	5/19/1997 0:00	12:20	Mid	2.0	1.0	26.77	8.20	5.59	31.00	47,800	0.9	5	0.6	7.0	<0.01	0.01	0.03	0.04	0.01	0.06	0.87	0.88	0.04	0.04	1.6	2.0*
13-2	5/19/1997 0:00	12:20	Bottom	2.0	1.8	26.67	8.19	5.73	31.40	48,200																
13-3	5/19/1997 0:00	12:00	Surface	2.0	0.2	27.24	8.18	5.58	28.80	44,500																
13-3	5/19/1997 0:00	12:00	Mid	2.0	1.0	27.21	8.16	5.58	29.00	44,900	1.2	5	0.5	15.6	<0.01	0.01	0.03	0.04	0.01	0.04	0.97	0.98	0.02	0.04	3.7	2.0*
13-3	5/19/1997 0:00	12:00	Bottom	2.0	1.8	27.21	8.15	5.62	29.00	44,800																
13-4	5/19/1997 0:00	11:45	Surface	0.7	0.2	27.15	8.11	4.88	27.50	42,600																
13-4	5/19/1997 0:00	11:45	Mid	0.7	0.3	27.07	8.12	4.92	27.60	42,900	1.1	5	0.6	14.0	<0.01	0.01	0.02	0.03	0.01	0.04	0.90	0.91	0.05	0.08	2.7	0.7*
13-4	5/19/1997 0:00	11:45	Bottom	0.7	0.5	27.05	8.11	4.95	27.70	43,000																
13-5	5/19/1997 0:00	11:30	Surface	2.1	0.2	27.21	8.13	5.08	25.70	40,300																
13-5	5/19/1997 0:00	11:30	Mid	2.1	1.0	26.95	8.09	4.47	26.00	40,600	1.6	10	0.6	8.6	<0.01	0.01	0.02	0.03	0.01	0.02	1.02	1.03	0.04	0.07	3.7	2.0
13-5	5/19/1997 0:00	11:30	Bottom	2.1	1.9	26.90	8.07	4.47	26.70	41,800																
14-1	5/19/1997 0:00	11:20	Surface	1.3	0.2	27.21	8.25	6.40	25.60	40,200																
14-1	5/19/1997 0:00	11:20	Mid	1.3	0.6	27.05	8.27	6.42	25.60	40,200	2.0	10	1.0	15.4	<0.01	0.01	0.02	0.03	0.01	0.03	1.02	1.03	0.05	0.08	5.3	1.3*
14-1	5/19/1997 0:00	11:20	Bottom	1.3	1.1	26.97	8.29	6.28	25.80	40,400																
14-2	5/19/1997 0:00	11:00	Surface	2.0	0.2	27.14	8.25	6.10	25.70	40,200																
14-2	5/19/1997 0:00	11:00	Mid	2.0	1.0	26.83	8.26	5.96	25.70	40,200	1.8	10	1.0	10.2	<0.01	0.04	0.04	0.08	0.04	0.06	1.83	1.87	0.04	0.05	6.4	1.7
14-2	5/19/1997 0:00	11:00	Bottom	2.0	1.8	26.79	8.28	6.40	25.70	40,300																
14-3	5/19/1997 0:00	10:40	Surface	2.0	0.2	26.98	8.41	6.73	26.30	41,100																
14-3	5/19/1997 0:00	10:40	Mid	2.0	1.0	27.06	8.41	6.30	27.00	42,100	1.9	10	0.7	5.4	<0.01	0.01	0.02	0.03	0.01	0.02	2.05	2.06	0.05	0.06	9.1	1.7
14-3	5/19/1997 0:00	10:40	Bottom	2.0	1.8	27.09	8.39	6.06	27.30	42,500																
14-4	5/19/1997 0:00	10:20	Surface	2.6	0.2	26.72	8.37	6.13	27.80	43,000																
14-4	5/19/1997 0:00	10:20	Mid	2.6	1.0	26.76	8.34	5.77	28.20	43,800	2.2	10	0.9	1.4	<0.01	0.01	0.02	0.03	0.02	0.04	0.91	0.93	0.01	0.02	6.4	1.7
14-4	5/19/1997 0:00	10:20	Bottom	2.6	2.4	26.90	8.30	5.42	28.40	44,100																
14-5	5/19/1997 0:00	10:00	Surface	1.7	0.2	26.79	8.35	6.18	28.20	43,700																
14-5	5/19/1997 0:00	10:00	Mid	1.7	0.8	26.66	8.26	5.03	28.60	44,400	1.8	5	0.7	9.0	<0.01	0.01	0.02	0.03	0.01	0.02	0.86	0.87	0.01	0.02	3.5	1.7*
14-5	5/19/1997 0:00	10:00	Bottom	1.7	1.5	26.66	8.24	5.00	28.80	44,500																
14-5 Rep	5/19/1997 0:00	10:10	Surface	1.7	0.2	26.80	8.34	6.15	28.20	43,700																
14-5 Rep	5/19/1997 0:00	10:10	Mid	1.7	0.8	26.66	8.25	5.05	28.70	44,500	1.8	5	0.7	8.8	<0.01	0.01	0.02	0.03	0.01	0.02	0.86	0.87	0.01	0.02	3.7	1.7*
14-5 Rep	5/19/1997 0:00	10:10	Bottom	1.7	1.5	26.65	8.24	5.00	28.70	44,400																
16-1	5/21/1997 0:00	12:00	Surface	3.0	0.2	28.91	8.22	6.51	31.30	48,000																
16-1	5/21/1997 0:00	12:00	Mid	3.0	1.0	28.80	8.20	6.29	31.50	48,200	1.6	10	1.5	15.4	<0.01	0.01	0.02	0.03	0.01	0.04	0.76	0.77	0.01	0.02	4.8	2.5
16-1	5/21/1997 0:00	12:00	Bottom	3.0	2.8	28.60	8.18	6.04	31.70	48,500																
16-2	5/21/1997 0:00	12:15	Surface	2.5	0.2	28.52	8.18	6.31	32.00	49,000																
16-2	5/21/1997 0:00	12:15	Mid	2.5	1.0	28.43	8.18	6.30	32.10	49,100	1.3	5	1.3	20.6	<0.01</											

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
LB-1	5/21/1997 0:00	11:10	Mid	3.0	1.0	29.43	7.93	5.59	29.10	45,000	1.4	15	1.5	16.8	<0.01	0.01	0.02	0.03	0.01	0.02	0.22	0.23	0.07	0.07	4.3	0.9
LB-1	5/21/1997 0:00	11:10	Bottom	3.0	2.8	29.29	7.92	5.45	29.10	45,000																
LB-2	5/21/1997 0:00	10:55	Surface	1.4	0.2	29.25	8.05	5.54	29.60	45,700																
LB-2	5/21/1997 0:00	10:55	Mid	1.4	0.7	29.22	8.06	5.46	29.60	45,700	1.8	15	1.4	22.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.62	0.62	0.08	0.13	5.3	1.4*
LB-2	5/21/1997 0:00	10:55	Bottom	1.4	1.2	29.17	8.06	5.32	29.80	45,900																
LB-3	5/21/1997 0:00	10:40	Surface	1.2	0.2	28.83	8.25	7.28	31.00	47,700																
LB-3	5/21/1997 0:00	10:40	Mid	1.2	0.6	28.79	8.25	7.33	31.00	47,600	6.1	10	1.5	23.0	<0.01	0.01	0.02	0.03	0.01	0.03	0.78	0.79	0.05	0.12	5.3	1.2*
LB-3	5/21/1997 0:00	10:40	Bottom	1.2	1.0	28.77	8.24	7.05	31.10	47,700																
LB-4	5/21/1997 0:00	10:30	Surface	1.3	0.2	28.82	8.29	6.50	32.40	49,600																
LB-4	5/21/1997 0:00	10:30	Mid	1.3	0.6	28.84	8.28	6.46	32.50	49,500	1.9	10	1.1	20.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.63	0.63	0.04	0.07	3.7	1.3*
LB-4	5/21/1997 0:00	10:30	Bottom	1.3	1.1	28.86	8.27	6.40	32.60	49,700																
LB-5	5/21/1997 0:00	10:00	Surface	2.0	0.2	28.91	8.25	6.04	33.60	51,200																
LB-5	5/21/1997 0:00	10:00	Mid	2.0	1.0	28.82	8.23	5.74	33.50	51,100	1.8	5	4.8	19.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.05	0.70	0.70	0.02	0.08	4.9	1.2
LB-5	5/21/1997 0:00	10:00	Bottom	2.0	1.8	28.76	8.19	5.47	33.50	51,000																
LB-5 Rep	5/21/1997 0:00	10:10	Surface	2.0	0.2	28.91	8.24	6.01	33.50	51,100																
LB-5 Rep	5/21/1997 0:00	10:10	Mid	2.0	1.0	28.83	8.24	5.79	33.50	51,000	1.8	5	5.3	20.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.05	0.69	0.69	0.02	0.08	4.8	1.2
LB-5 Rep	5/21/1997 0:00	10:10	Bottom	2.0	1.8	28.76	8.20	5.47	33.50	51,100																
ML-1	5/20/1997 0:00	11:10	Surface	1.6	0.2	28.31	6.93	4.88	0.00	768																
ML-1	5/20/1997 0:00	11:10	Mid	1.6	0.8	27.56	6.90	4.38	0.00	777	1.6	200	1.4	1.0	0.01	0.07	0.18	0.26	0.08	0.18	1.27	1.35	0.84	0.88	2.7	0.8
ML-1	5/20/1997 0:00	11:10	Bottom	1.6	1.4	27.38	6.86	4.29	0.00	827																
ML-2	5/20/1997 0:00	10:50	Surface	0.9	0.2	27.85	6.98	3.50	0.70	2,400																
ML-2	5/20/1997 0:00	10:50	Mid	0.9	0.4	28.12	6.98	3.54	0.70	3,060	1.0	200	1.7	2.2	0.01	0.08	0.16	0.25	0.09	0.19	1.44	1.53	0.79	0.79	3.2	0.6
ML-2	5/20/1997 0:00	10:50	Bottom	0.9	0.7	27.95	6.97	3.63	0.70	2,300																
ML-3	5/20/1997 0:00	10:40	Surface	0.8	0.2	28.57	7.06	3.93	1.20	3,070																
ML-3	5/20/1997 0:00	10:40	Mid	0.8	0.4	27.41	7.06	4.09	1.40	3,490	1.4	175	1.6	2.6	0.01	0.08	0.11	0.20	0.09	0.12	1.46	1.55	0.72	0.74	4.8	0.5
ML-3	5/20/1997 0:00	10:40	Bottom	0.8	0.6	27.17	7.05	4.26	1.60	3,830																
ML-4	5/20/1997 0:00	10:20	Surface	1.1	0.2	27.63	7.11	4.20	1.40	3,460																
ML-4	5/20/1997 0:00	10:20	Mid	1.1	0.5	27.98	7.10	4.31	1.40	3,530	1.5	175	1.9	3.4	0.01	0.08	0.14	0.23	0.09	0.14	1.25	1.34	0.67	0.68	6.9	0.5
ML-4	5/20/1997 0:00	10:20	Bottom	1.1	0.9	27.27	7.08	3.92	1.80	4,140																
ML-5	5/20/1997 0:00	10:00	Surface	1.4	0.2	27.39	7.14	4.59	3.40	6,880																
ML-5	5/20/1997 0:00	10:00	Mid	1.4	0.7	27.24	7.13	4.54	3.50	7,100	0.9	125	2.6	6.2	0.01	0.06	0.14	0.21	0.07	0.16	1.40	1.47	0.54	0.57	3.1	1.0
ML-5	5/20/1997 0:00	10:00	Bottom	1.4	1.2	27.20	7.12	4.47	3.80	7,800																
ML-5 Rep	5/20/1997 0:00	10:10	Surface	1.4	0.2	27.41	7.15	4.61	3.40	6,880																
ML-5 Rep	5/20/1997 0:00	10:10	Mid	1.4	0.7	27.25	7.12	4.55	3.50	7,100	0.8	125	2.5	6.4	0.01	0.06	0.13	0.20	0.08	0.18	1.42	1.50	0.56	0.58	3.2	1.0
ML-5 Rep	5/20/1997 0:00	10:10	Bottom	1.4	1.2	27.20	7.12	4.48	3.80	7,800																
MU-1	5/20/1997 0:00	12:50	Surface	1.2	0.2	29.04	6.87	4.44	0.00	420																
MU-1	5/20/1997 0:00	12:50	Mid	1.2	0.6	28.26	6.82	4.02	0.00	420	1.2	200	1.0	4.2	<0.01	0.06	0.26	0.32	0.07	0.32	1.22	1.29	0.86	0.94	2.7	0.9
MU-1	5/20/1997 0:00	12:50	Bottom	1.2	1.0	28.08	6.79	3.94	0.00	420																
MU-2	5/20/1997 0:00	12:30	Surface	2.0	0.2	28.33	6.84	4.01	0.00	422																
MU-2	5/20/1997 0:00	12:30	Mid	2.0	1.0	27.48	6.79	3.78	0.00	423	1.3	240	1.0	2.2	<0.01	0.06	0.29	0.35	0.06	0.33	1.33	1.39	0.92	0.95	2.7	0.8
MU-2	5/20/1997 0:00	12:30	Bottom	2.0	1.8	27.47	6.79	3.77	0.00	423																
MU-3	5/20/1997 0:00	12:15	Surface	1.8	0.2	29.05	6.83	4.13	0.00	426																
MU-3	5/20/1997 0:00	12:15	Mid	1.8	0.9	28.21	6.81	3.87	0.00	426	1.3	200	1.0	1.2	<0.01	0.06	0.26	0.32	0.07	0.29	1.54	1.61	0.87	0.90	1.0	0.8
MU-3	5/20/1997 0:00	12:15	Bottom	1.8	1.6	27.62	6.77	3.50	0.00	427																
MU-4	5/20/1997 0:00	11:50	Surface	0.6	0.2	28.00	6.82	3.86	0.00	453																
MU-4	5/20/1997 0:00	11:50	Mid	0.6	0.3	27.88	6.81	3.76	0.00	452	0.8	170	1.1	1.0	0.01	0.10	0.25	0.36	0.11	0.31	1.17	1.28	0.82	0.87	1.1	0.6*
MU-4	5/20/1997 0:00	11:50	Bottom	0.6	0.4	27.88	6.80	3.78	0.00	452																
MU-5	5/20/1997 0:00	11:25	Surface	1.0	0.2	29.09	6.85	4.15	0.00	478																
MU-5	5/20/1997 0:00	11:25	Mid	1.0	0.5	27.99	6.81	3.80	0.00	476	2.2	200	1.2	0.6	0.01	0.07	0.20	0.28	0.08	0.25	1.13	1.21	0.84	0.89	5.9	0.7
MU-5	5/20/1997 0:00	11:25	Bottom	1.0	0.8	27.50	6.78	3.80	0.00	476																
Equip Blank	5/22/1997 0:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.1	<5	0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	5/19/1997 0:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.1	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	5/21/1997 0:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.1	<5	<0.1	0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	<0.01	<0.01	<1.0	NA
Equip Blank	5/20/1997 0:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.1	<5	<0.1	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.02	<0.01	<0.01	<1.0	NA
10-1	6/17/1997 0:00	11:40	Surface	3.3	0.2	29.56	8.08	5.58	36.08	54,688																
10-1	6/17/1997 0:00	11:40	Mid	3.3	1.0	29.49	8.07	5.61	36.07	54,676	0.8	5	0.8	8.6	<0.01	<0.01	0.01	0.01	<0.01	0.01	0.58	0.58	0.01	0.02	1.6	2.7
10-1	6/17/1997 0:00	11:40	Bottom	3.3	3.1	29.45	8.08	5.62	36.06	54,661																
10-2	6/17/1997 0:00	11:05	Surface	2.5	0.2	30.32	8.04	5.46	36.02	54,651																
10-2	6/17/1997 0:00	11:05	Mid	2.5	1.0	30.30																				

Station	Date (mm/dd/yyyy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
11-1	6/17/1997 0:00	11:55	Surface	3.8	0.2	30.36	8.05	5.20	35.85	54,427																
11-1	6/17/1997 0:00	11:55	Mid	3.8	1.0	30.33	8.05	5.15	35.84	54,413	1.3	5	2.1	21.0	<0.01	<0.01	0.01	0.01	<0.01	0.02	0.29	0.29	0.02	0.05	1.0	1.8
11-1	6/17/1997 0:00	11:55	Bottom	3.8	3.6	30.25	8.05	5.14	35.92	54,511																
11-2	6/17/1997 0:00	12:10	Surface	3.7	0.2	30.36	8.09	5.45	35.96	54,566																
11-2	6/17/1997 0:00	12:10	Mid	3.7	1.0	30.34	8.09	5.29	35.94	54,552	0.8	5	1.7	25.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.91	0.91	0.13	0.18	16.0	1.8
11-2	6/17/1997 0:00	12:10	Bottom	3.7	3.5	30.19	8.07	5.20	35.93	54,531																
11-3	6/17/1997 0:00	9:50	Surface	2.6	0.2	30.42	8.08	5.46	35.45	53,888																
11-3	6/17/1997 0:00	9:50	Mid	2.6	1.0	30.38	8.07	5.44	35.56	54,028	0.9	5	4.2	43.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.31	0.31	0.02	0.14	19.2	1.5
11-3	6/17/1997 0:00	9:50	Bottom	2.6	2.4	30.35	8.05	5.07	35.66	54,164																
11-3 Rep	6/17/1997 0:00	10:00	Surface	2.6	0.2	30.43	8.08	5.48	35.45	53,893																
11-3 Rep	6/17/1997 0:00	10:00	Mid	2.6	1.0	30.37	8.07	5.41	35.50	53,961	1.0	5	4.1	43.8	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.34	0.34	0.02	0.16	19.2	1.5
11-3 Rep	6/17/1997 0:00	10:00	Bottom	2.6	2.4	30.35	8.05	5.07	35.65	54,159																
11-4	6/17/1997 0:00	10:10	Surface	1.8	0.2	29.81	8.04	5.31	36.04	54,657																
11-4	6/17/1997 0:00	10:10	Mid	1.8	0.9	29.80	8.04	5.31	36.04	54,651	0.9	5	2.0	31.0	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.41	0.41	0.01	0.10	11.0	1.8*
11-4	6/17/1997 0:00	10:10	Bottom	1.8	1.6	29.83	8.04	5.30	36.03	54,632																
11-5	6/17/1997 0:00	10:20	Surface	2.8	0.2	30.20	8.04	5.07	35.82	54,382																
11-5	6/17/1997 0:00	10:20	Mid	2.8	1.0	30.14	8.04	5.05	35.87	54,440	1.1	5	0.8	11.0	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.32	0.32	0.02	0.09	32.0	2.5
11-5	6/17/1997 0:00	10:20	Bottom	2.8	2.6	29.97	8.03	5.10	35.99	54,592																
13-1	6/18/1997 0:00	12:20	Surface	1.3	0.																					

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
LB-2	6/16/1997 0:00	11:20	Mid	1.2	0.6	31.45	8.02	6.45	32.91	50,494	1.8	20	2.7	32.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.98	0.98	0.05	0.29	1.0	1.2*
LB-2	6/16/1997 0:00	11:20	Bottom	1.2	1.0	31.46	8.02	6.48	32.93	50,532																
LB-3	6/16/1997 0:00	11:05	Surface	2.4	0.2	31.04	8.09	5.40	33.90	51,833																
LB-3	6/16/1997 0:00	11:05	Mid	2.4	1.0	30.67	8.08	4.95	33.95	51,880	2.6	20	2.7	48.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.97	0.97	0.03	0.30	7.2	1.0
LB-3	6/16/1997 0:00	11:05	Bottom	2.4	2.2	30.49	8.04	4.19	34.05	52,011																
LB-4	6/16/1997 0:00	10:45	Surface	2.0	0.2	30.40	8.18	5.24	35.70	54,217																
LB-4	6/16/1997 0:00	10:45	Mid	2.0	1.0	30.28	8.19	5.17	35.78	54,330	2.0	15	1.2	35.8	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	1.00	1.00	0.02	0.22	11.0	2.0*
LB-4	6/16/1997 0:00	10:45	Bottom	2.0	1.8	30.15	8.20	5.08	36.01	54,627																
LB-5	6/16/1997 0:00	10:00	Surface	2.3	0.2	30.26	8.14	5.11	37.30	56,356																
LB-5	6/16/1997 0:00	10:00	Mid	2.3	1.0	30.18	8.12	5.03	37.30	56,357	1.5	10	2.1	47.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	0.80	0.80	0.01	0.18	22.4	1.9
LB-5	6/16/1997 0:00	10:00	Bottom	2.3	2.1	30.02	8.09	5.02	37.35	56,419																
LB-5 Rep	6/16/1997 0:00	10:10	Surface	2.3	0.2	30.25	8.14	5.13	37.30	56,354																
LB-5 Rep	6/16/1997 0:00	10:10	Mid	2.3	1.0	30.20	8.13	5.06	37.29	56,350	1.8	10	2.0	45.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	0.84	0.84	0.01	0.16	20.1	1.9
LB-5 Rep	6/16/1997 0:00	10:10	Bottom	2.3	2.1	30.02	8.10	5.02	37.35	56,420																
ML-1	6/19/1997 0:00	11:30	Surface	3.0	0.2	32.48	7.44	5.18	5.10	9,650																
ML-1	6/19/1997 0:00	11:30	Mid	3.0	1.0	31.78	7.34	4.56	5.20	9,840	2.0	75	0.7	4.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	0.09	0.09	0.41	0.46	<1.0	1.0
ML-1	6/19/1997 0:00	11:30	Bottom	3.0	2.8	31.50	7.31	4.12	5.80	10,800																
ML-2	6/19/1997 0:00	11:15	Surface	1.7	0.2	32.19	7.46	4.71	6.40	11,850																
ML-2	6/19/1997 0:00	11:15	Mid	1.7	0.8	32.07	7.42	4.51	6.50	11,850	2.2	100	1.7	6.0	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.12	0.12	0.44	0.46	3.2	0.9
ML-2	6/19/1997 0:00	11:15	Bottom	1.7	1.5	31.66	7.36	3.94	6.50	11,880																
ML-3	6/19/1997 0:00	10:55	Surface	0.8	0.2	31.83	7.48	4.46	7.50	13,490																
ML-3	6/19/1997 0:00	10:55	Mid	0.8	0.4	31.42	7.45	4.18	7.60	13,670	1.8	100	0.9	6.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.17	1.17	0.42	0.53	1.0	0.8*
ML-3	6/19/1997 0:00	10:55	Bottom	0.8	0.6	31.44	7.44	4.16	7.70	13,850																
ML-4	6/19/1997 0:00	10:35	Surface	1.5	0.2	31.34	7.46	3.78	8.60	15,000																
ML-4	6/19/1997 0:00	10:35	Mid	1.5	0.7	31.13	7.37	3.32	9.00	15,800	1.9	100	1.4	7.0	<0.01	0.01	0.01	0.02	0.02	0.02	1.37	1.39	0.40	0.55	19.2	1.0
ML-4	6/19/1997 0:00	10:35	Bottom	1.5	1.3	31.06	7.34	3.14	9.10	15,900																
ML-5	6/19/1997 0:00	10:00	Surface	1.1	0.2	30.89	7.47	3.79	10.90	18,700																
ML-5	6/19/1997 0:00	10:00	Mid	1.1	0.5	30.84	7.46	3.74	11.00	18,900	2.9	100	1.8	12.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	1.47	1.47	0.36	0.51	17.6	0.8
ML-5	6/19/1997 0:00	10:00	Bottom	1.1	0.9	30.80	7.44	3.66	11.10	19,000																
ML-5 Rep	6/19/1997 0:00	10:15	Surface	1.1	0.2	30.86	7.46	3.82	10.90	18,700																
ML-5 Rep	6/19/1997 0:00	10:15	Mid	1.1	0.5	30.84	7.46	3.80	11.00	18,800	2.7	100	2.0	12.1	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	1.43	1.43	0.36	0.51	15.2	0.8
ML-5 Rep	6/19/1997 0:00	10:15	Bottom	1.1	0.9	30.82	7.45	3.69	11.00	18,900																
MU-1	6/19/1997 0:00	13:05	Surface	1.7	0.2	31.68	7.25	4.36	0.00	434																
MU-1	6/19/1997 0:00	13:05	Mid	1.7	0.8	31.64	7.24	4.33	0.00	433	1.1	100	1.1	1.6	<0.01	0.08	0.02	0.10	0.09	0.03	0.25	0.34	0.58	0.59	7.7	1.1
MU-1	6/19/1997 0:00	13:05	Bottom	1.7	1.5	31.56	7.22	4.24	0.00	435																
MU-2	6/19/1997 0:00	12:40	Surface	1.7	0.2	32.00	7.27	4.54	0.00	504																
MU-2	6/19/1997 0:00	12:40	Mid	1.7	0.8	31.44	7.23	4.47	0.00	506	1.1	125	1.1	1.6	<0.01	0.08	0.02	0.10	0.08	0.04	0.20	0.28	0.59	0.59	1.0	1.0
MU-2	6/19/1997 0:00	12:40	Bottom	1.7	1.5	31.45	7.23	4.48	0.00	504																
MU-3	6/19/1997 0:00	12:20	Surface	2.0	0.2	31.83	7.23	4.75	0.30	1,570																
MU-3	6/19/1997 0:00	12:20	Mid	2.0	1.0	31.59	7.22	4.70	0.30	1,510	0.8	125	0.9	1.4	<0.01	0.04	0.01	0.05	0.04	0.03	0.19	0.23	0.60	0.61	2.6	1.0
MU-3	6/19/1997 0:00	12:20	Bottom	2.0	1.8	31.49	7.22	4.63	0.30	1,486																
MU-4	6/19/1997 0:00	12:05	Surface	2.6	0.2	32.02	7.25	5.02	1.20	3,110																
MU-4	6/19/1997 0:00	12:05	Mid	2.6	1.0	31.93	7.24	4.90	1.30	3,250	1.2	100	0.8	1.8	<0.01	0.06	0.02	0.08	0.06	0.02	0.16	0.22	0.60	0.74	<1.0	1.0
MU-4	6/19/1997 0:00	12:05	Bottom	2.6	2.4	31.78	7.23	4.78	1.40	3,440																
MU-5	6/19/1997 0:00	11:45	Surface	2.2	0.2	32.15	7.36	5.15	3.60	7,140																
MU-5	6/19/1997 0:00	11:45	Mid	2.2	1.0	32.05	7.33	4.92	3.70	7,330	1.5	100	0.8	3.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.11	0.11	0.50	0.54	<1.0	0.9
MU-5	6/19/1997 0:00	11:45	Bottom	2.2	2.0	31.59	7.30	4.61	4.00	7,790																
Equip Blant	6/17/1997 0:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.1	<5	<0.1	0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blant	6/18/1997 0:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2	<5	<0.1	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blant	6/16/1997 0:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.1	<5	<0.1	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blant	6/19/1997 0:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2	<5	<0.1	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
10-1	7/14/1997 0:00	11:55	Surface	1.9	0.2	31.32	8.12	5.72	36.33	55,132																
10-1	7/14/1997 0:00	11:55	Mid	1.9	0.9	31.25	8.11	5.72	36.38	55,179	1.4	5	1.7	3.6	<0.01	<0.01	0.02	0.02	<0.01	0.04	0.49	0.49	0.02	0.16	4.3	1.9*
10-1	7/14/1997 0:00	11:55	Bottom	1.9	1.7	31.26	8.11	5.69	36.37	55,168																
10-2	7/14/1997 0:00	11:10	Surface	3.6	0.2	31.38	8.16	6.06	35.87	54,500																
10-2	7/14/1997 0:00	11:10	Mid	3.6	1.0	31.24	8.15	6.08	35.85	54,472	1.8	5	2.8	17.7	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.42	0.42	0.01	0.16	1.5	1.8
10-2	7/14/1997 0:00	11:10	Bottom	3.6	3.4	31.13	8.12	5.49	35.97	54,636																
10-3	7/14/1997 0:00	12:10	Surface	3.0	0.2	31.25	8.13	5.81	36.3																	

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)	
11-1	7/14/1997 0:00	11:35	Surface	3.6	0.2	31.64	8.11	6.15	35.62	54,177																	
11-1	7/14/1997 0:00	11:35	Mid	3.6	1.0	31.33	8.08	6.04	35.61	54,152	0.9	5	2.0	12.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.39	0.39	0.01	0.15	1.4	1.9	
11-1	7/14/1997 0:00	11:35	Bottom	3.6	3.4	31.33	8.07	6.02	35.60	54,140																	
11-2	7/14/1997 0:00	11:20	Surface	3.3	0.2	31.95	8.11	5.90	35.68	54,277																	
11-2	7/14/1997 0:00	11:20	Mid	3.3	1.0	31.60	8.10	5.85	35.66	54,226	1.0	5	1.9	11.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.47	0.47	0.01	0.15	2.1	1.6	
11-2	7/14/1997 0:00	11:20	Bottom	3.3	3.1	31.45	8.06	5.13	35.70	54,276																	
11-3	7/14/1997 0:00	10:50	Surface	3.8	0.2	31.43	8.10	5.33	35.71	54,301																	
11-3	7/14/1997 0:00	10:50	Mid	3.8	1.0	31.43	8.09	5.30	35.70	54,279	1.0	5	4.6	13.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.44	0.44	0.01	0.16	3.1	1.5	
11-3	7/14/1997 0:00	10:50	Bottom	3.8	3.6	31.37	8.08	5.26	35.69	54,260																	
11-4	7/14/1997 0:00	10:35	Surface	2.4	0.2	31.59	8.12	5.30	35.58	54,128																	
11-4	7/14/1997 0:00	10:35	Mid	2.4	1.0	31.60	8.10	5.13	35.76	54,352	0.9	5	5.0	9.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.49	0.49	0.01	0.18	4.7	1.5	
11-4	7/14/1997 0:00	10:35	Bottom	2.4	2.2	31.67	8.09	5.07	36.05	54,761																	
11-5	7/14/1997 0:00	10:20	Surface	2.1	0.2	31.64	8.08	4.97	35.46	53,967																	
11-5	7/14/1997 0:00	10:20	Mid	2.1	1.0	31.57	8.08	4.96	35.47	53,977	0.8	10	3.9	8.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.48	0.48	0.01	0.07	3.5	1.6
11-5	7/14/1997 0:00	10:20	Bottom	2.1	1.9	31.47	8.07	4.83	36.18	54,911																	
13-1	7/15/1997 0:00	12:00	Surface	1.8	0.2	31.41	7.96	4.54	31.82	48,967																	
13-1	7/15/1997 0:00	12:00	Mid	1.8	0.9	31.06	8.00	4.33	34.34	52,416	2.1	10	1.7	8.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.66	0.66	0.05	0.26	4.4	1.8*
13-1	7/15/1997 0:00	12:00	Bottom	1.8	1.6	31.13	8.01	4.78	34.51	52,666																	
13-2	7/15/1997 0:00	11:45	Surface	1.2	0.2	31.33	7.88	4.25	29.79	46,210																	
13-2	7/15/1997 0:00	11:45	Mid	1.2	0.6	31.30	7.88	4.23	29.89	46,376	1.5	15	2.7	6.8	<0.01	0.02	0.01	0.03	0.02	0.03	1.01	1.03	0.10	0.39	7.0	1.2*	
13-2	7/15/1997 0:00	11:45	Bottom	1.2	1.0	31.24	7.88	4.21	30.51	47,170																	
13-3	7/15/1997 0:00	11:30	Surface	4.4	0.2	31.63	7.85	4.72	30.62	47,364																	
13-3	7/15/1997 0:00	11:30	Mid	4.4	1.0	30.92	7.84	4.70	31.26	48,201	1.4	15	2.3	7.2	<0.01	0.02	<0.01	0.02	0.02	0.01	0.61	0.63	0.08	0.23	5.2	1.9	
13-3	7/15/1997 0:00	11:30	Bottom	4.4	4.2	30.70	7.78	3.84	32.11	49,368																	
13-4	7/15/1997 0:00	11:15	Surface	1.3	0.2	31.09	7.85	3.48	30.68	47,420																	
13-4	7/15/1997 0:00	11:15	Mid	1.3	0.6	31.01	7.85	3.36	30.62	47,347	1.4	15	1.5	2.4	<0.01	0.02	0.02	0.04	0.02	0.05	0.62	0.64	0.07	0.22	4.8	1.3*	
13-4	7/15/1997 0:00	11:15	Bottom	1.3	1.1	30.92	7.85	3.36	30.72	47,465																	
13-5	7/15/1997 0:00	11:05	Surface	2.9	0.2	31.27	7.86	3.47	29.76	46,158																	
13-5	7/15/1997 0:00	11:05	Mid	2.9	1.0	31.06	7.86	3.53	30.29	46,885	1.2	20	1.6	9.8	<0.01	0.02	0.02	0.04	0.02	0.03	0.70	0.72	0.07	0.27	4.4	2.2	
13-5	7/15/1997 0:00	11:05	Bottom	2.9	2.7	31.00	7.88	3.80	30.61	47,319																	
14-1	7/15/1997 0:00	10:50	Surface	2.5	0.2	30.88	7.99	3.84	29.54	45,840																	
14-1	7/15/1997 0:00	10:50	Mid	2.5	1.0	30.64	8.02	3.89	29.74	46,097																	
14-1	7/15/1997 0:00	10:50	Bottom	2.5	2.3	30.58	8.03	3.68	29.79	46,168																	
14-2	7/15/1997 0:00	10:35	Surface	1.3	0.2	30.87	8.22	4.60	30.57	47,260																	
14-2	7/15/1997 0:00	10:35	Mid	1.3	0.6	30.65	8.24	4.59	30.57	47,254	2.4	15	2.5	7.6	0.01	0.02	0.02	0.05	0.04	0.03	0.75	0.79	0.03	0.22	6.9	1.3*	
14-2	7/15/1997 0:00	10:35	Bottom	1.3	1.1	30.66	8.26	5.35	30.58	47,264																	
14-3	7/15/1997 0:00	10:20	Surface	3.0	0.2	30.78	8.28	4.67	30.66	47,385																	
14-3	7/15/1997 0:00	10:20	Mid	3.0	1.0	30.75	8.29	4.64	30.76	47,488	2.5	15	2.3	10.6	<0.01	0.02	0.02	0.04	0.02	0.03	0.76	0.78	0.01	0.17	6.5	1.3	
14-3	7/15/1997 0:00	10:20	Bottom	3.0	2.8	30.91	8.30	4.47	31.64	48,731																	
14-4	7/15/1997 0:00	10:10	Surface	2.1	0.2	30.79	8.24	4.68	32.63	50,089																	
14-4	7/15/1997 0:00	10:10	Mid	2.1	1.0	30.82	8.21	4.56	32.83	50,349	1.4	10	1.6	6.4	<0.01	0.02	0.01	0.03	0.02	0.03	0.96	0.98	0.02	0.14	3.4	2.1*	
14-4	7/15/1997 0:00	10:10	Bottom	2.1	1.9	30.65	8.18	4.49	32.95	50,506																	
14-5	7/15/1997 0:00	9:50	Surface	4.1	0.2	30.33	8.08	3.74	33.48	51,226																	
14-5	7/15/1997 0:00	9:50	Mid	4.1	1.0	30.28	8.06	3.70	33.70	51,510	1.1	10	1.9	11.8	<0.01	0.02	0.04	0.06	0.02	0.08	0.84	0.86	0.02	0.16	4.0	1.9	
14-5	7/15/1997 0:00	9:50	Bottom	4.1	3.9	30.25	8.04	3.66	33.78	51,622																	
14-5 Rep	7/15/1997 0:00	9:55	Surface	4.1	0.2	30.34	8.08	3.73	33.51	51,234																	
14-5 Rep	7/15/1997 0:00	9:55	Mid	4.1	1.0	30.29	8.06	3.72	33.71	51,530	1.2	10	1.8	11.8	<0.01	0.02	0.04	0.06	0.02	0.08	0.81	0.83	0.02	0.14	3.9	1.9	
14-5 Rep	7/15/1997 0:00	9:55	Bottom	4.1	3.9	30.25	8.05	3.64	33.78	51,622																	
16-1	7/16/1997 0:00	12:35	Surface	4.2	0.2	31.15	7.67	6.83	33.71	51,563																	
16-1	7/16/1997 0:00	12:35	Mid	4.2	1.0	31.05	7.53	6.37	33.75	51,617	1.0	15	4.4	4.8	<0.01	<0.01	0.02	0.02	<0.01	0.02	0.60	0.60	0.01	0.15	3.3	2.0	
16-1	7/16/1997 0:00	12:35	Bottom	4.2	4.0	30.41	7.24	5.22	33.95	51,859																	
16-2	7/16/1997 0:00	12:20	Surface	2.6	0.2	30.76	8.03	5.03	34.41	52,501																	
16-2	7/16/1997 0:00	12:20	Mid	2.6	1.0	30.69	8.00	4.95	34.48	52,600	1.0	20	1.8	14.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.64	0.64	0.02	0.06	5.5	2.0	
16-2	7/16/1997 0:00	12:20	Bottom	2.6	2.4	30.67	7.99	4.93	34.53	52,660																	
16-3	7/16/1997 0:00	12:10	Surface	1.8	0.2	31.10	8.10	5.57	34.15	52,162																	
16-3	7/16/1997 0:00	12:10	Mid	1.8	0.9	31.09	8.06	5.61	34.51	52,684	1.0	10	1.7	20.8	<0.01	0.02	0.02	0.04	0.02	0.02	0.62	0.64	0.01	0.07	5.3	1.8*	
16-3	7/16/1997 0:00	12:10	Bottom	1.8	1.6	30.92	8.07	6.14	33.55	54,046																	
16-4	7/16/1997 0:00	12:00	Surface	2.8	0.2	31.14	7.96	5.86	35.11	53,464																	
16-4	7/16/1997 0:00	12:00	Mid	2.8	1.0	31.14	7.95	5.95	35.20	53,585	0.6	15	0.9														

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date (mm/dd/yyyy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (APU)	Color	Turbidity (NTU)	TSS (µg/cm³)	Dissolved NO2	Dissolved NO3	Dissolved NH3	Dissolved Inorganic N	Total NO2+NO3	Total NH3	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
LB-3	7/16/1997 0:00	10:30	Mid	1.4	0.7	30.64	8.16	5.15	33.11	50,731	1.6	25	2.1	10.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.62	0.62	0.04	0.13	6.8	1.4*
LB-3	7/16/1997 0:00	10:30	Bottom	1.4	1.2	29.84	8.13	4.11	33.25	50,855																
LB-4	7/16/1997 0:00	10:15	Surface	1.9	0.2	30.61	8.51	6.87	35.55	54,030																
LB-4	7/16/1997 0:00	10:15	Mid	1.9	0.9	30.31	8.44	7.31	35.65	54,144	2.2	25	3.0	12.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.78	0.78	0.01	0.08	6.6	1.9*
LB-4	7/16/1997 0:00	10:15	Bottom	1.9	1.7	30.35	8.48	7.39	35.51	53,967																
LB-5	7/16/1997 0:00	9:55	Surface	2.1	0.2	30.76	8.46	5.81	36.33	55,090																
LB-5	7/16/1997 0:00	9:55	Mid	2.1	1.0	30.27	8.38	4.52	36.40	55,174	1.3	20	4.8	10.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.70	0.70	0.01	0.04	3.5	1.7
LB-5	7/16/1997 0:00	9:55	Bottom	2.1	1.9	30.49	8.33	4.47	36.68	55,540																
LB-5 Rep	7/16/1997 0:00	10:00	Surface	2.1	0.2	30.80	8.46	5.86	36.33	55,095																
LB-5 Rep	7/16/1997 0:00	10:00	Mid	2.1	1.0	30.28	8.40	4.55	36.45	55,220	1.4	20	4.8	10.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.69	0.69	0.01	0.04	3.6	1.7
LB-5 Rep	7/16/1997 0:00	10:00	Bottom	2.1	1.9	30.50	8.34	4.47	36.67	55,534																
ML-1	7/17/1997 0:00	10:35	Surface	1.6	0.2	29.03	6.90	4.11	0.98	1,930																
ML-1	7/17/1997 0:00	10:35	Mid	1.6	0.8	28.87	6.87	4.09	1.00	1,974	0.5	280	3.2	0.1	<0.01	0.06	0.06	0.12	0.07	0.08	1.28	1.35	0.44	0.48	6.0	0.6
ML-1	7/17/1997 0:00	10:35	Bottom	1.6	1.4	28.82	6.85	4.10	1.02	2,017																
ML-2	7/17/1997 0:00	10:25	Surface	1.4	0.2	29.09	7.00	4.57	1.04	2,053																
ML-2	7/17/1997 0:00	10:25	Mid	1.4	0.7	29.07	6.97	4.56	1.04	2,051	0.6	200	3.4	5.4	0.01	0.05	0.05	0.11	0.08	0.08	1.98	2.06	0.39	0.40	<1.0	0.6
ML-2	7/17/1997 0:00	10:25	Bottom	1.4	1.2	29.01	6.88	4.56	1.04	2,049																
ML-3	7/17/1997 0:00	10:15	Surface	1.8	0.2	29.09	7.04	4.54	1.09	2,152																
ML-3	7/17/1997 0:00	10:15	Mid	1.8	0.9	29.03	6.99	4.51	1.09	2,142	0.9	240	4.5	1.6	<0.01	0.05	0.05	0.10	0.07	0.08	1.25	1.32	0.35	0.36	<1.0	0.6
ML-3	7/17/1997 0:00	10:15	Bottom	1.8	1.6	29.02	6.86	4.49	1.09	2,141																
ML-4	7/17/1997 0:00	10:00	Surface	2.8	0.2	29.07	7.19	4.52	1.24	2,438																
ML-4	7/17/1997 0:00	10:00	Mid	2.8	1.0	29.04	7.18	4.47	1.24	2,437	0.5	200	2.9	2.2	<0.01	0.06	0.03	0.09	0.08	0.06	1.27	1.35	0.32	0.36	<1.0	0.7
ML-4	7/17/1997 0:00	10:00	Bottom	2.8	2.6	29.02	7.15	4.45	1.24	2,421																
ML-5	7/17/1997 0:00	9:50	Surface	1.4	0.2	28.67	7.17	5.33	3.47	6,406																
ML-5	7/17/1997 0:00	9:50	Mid	1.4	0.7	28.64	7.18	5.27	3.42	6,322	0.9	240	5.3	7.4	<0.01	0.05	0.08	0.13	0.06	0.10	1.21	1.27	0.31	0.35	<1.0	0.7
ML-5	7/17/1997 0:00	9:50	Bottom	1.4	1.2	28.62	7.21	5.23	3.40	6,275																
ML-5 Rep	7/17/1997 0:00	9:55	Surface	1.4	0.2	28.64	7.18	5.34	3.48	6,399																
ML-5 Rep	7/17/1997 0:00	9:55	Mid	1.4	0.7	28.64	7.18	5.29	3.44	6,348	0.9	240	5.3	7.3	<0.01	0.04	0.08	0.12	0.06	0.10	1.18	1.24	0.30	0.37	<1.0	0.7
ML-5 Rep	7/17/1997 0:00	9:55	Bottom	1.4	1.2	28.62	7.18	5.23	3.40	6,274																
MU-1	7/17/1997 0:00	12:10	Surface	1.0	0.2	30.10	6.56	3.51	0.15	320																
MU-1	7/17/1997 0:00	12:10	Mid	1.0	0.5	29.48	6.56	3.50	0.15	320	0.6	280	1.6	0.4	<0.01	0.05	0.09	0.14	0.06	0.11	1.05	1.11	0.41	0.48	3.0	0.7
MU-1	7/17/1997 0:00	12:10	Bottom	1.0	0.8	29.56	6.87	3.57	0.15	320																
MU-2	7/17/1997 0:00	11:35	Surface	2.8	0.2	29.78	6.66	3.52	0.14	296																
MU-2	7/17/1997 0:00	11:35	Mid	2.8	1.0	29.13	6.73	3.46	0.14	295	1.2	200	1.8	0.8	<0.01	0.07	0.04	0.11	0.07	0.08	0.96	1.03	0.52	0.63	9.1	0.7
MU-2	7/17/1997 0:00	11:35	Bottom	2.8	2.6	29.04	6.80	3.51	0.14	295																
MU-3	7/17/1997 0:00	11:15	Surface	2.0	0.2	29.26	6.65	3.47	0.16	343																
MU-3	7/17/1997 0:00	11:15	Mid	2.0	1.0	29.10	6.58	3.47	0.16	343	0.6	200	1.9	0.6	<0.01	0.08	0.14	0.22	0.08	0.16	0.97	1.05	0.58	0.64	6.8	0.7
MU-3	7/17/1997 0:00	11:15	Bottom	2.0	1.8	29.09	6.85	3.49	0.16	344																
MU-4	7/17/1997 0:00	11:00	Surface	1.1	0.2	28.94	6.53	3.82	0.18	377																
MU-4	7/17/1997 0:00	11:00	Mid	1.1	0.5	28.93	6.57	3.83	0.18	377	0.8	175	2.9	2.6	<0.01	0.10	0.15	0.25	0.13	0.19	1.56	1.69	0.52	0.55	6.7	0.7
MU-4	7/17/1997 0:00	11:00	Bottom	1.1	0.9	28.92	6.89	3.84	0.18	375																
MU-5	7/17/1997 0:00	10:45	Surface	2.6	0.2	28.91	6.35	4.21	0.30	623																
MU-5	7/17/1997 0:00	10:45	Mid	2.6	1.0	28.82	6.38	4.20	0.30	634	0.7	150	2.8	3.8	<0.01	0.06	0.05	0.11	0.08	0.06	0.91	0.99	0.52	0.58	7.1	0.7
MU-5	7/17/1997 0:00	10:45	Bottom	2.6	2.4	28.74	6.87	4.17	0.30	631																
Equip Blani	7/14/1997 0:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.1	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA
Equip Blani	7/15/1997 0:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.1	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA
Equip Blani	7/16/1997 0:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2	<5	0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA
Equip Blani	7/17/1997 0:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.1	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA
10-1	8/21/1997 0:00	10:25	Surface	3.0	0.2	31.52	8.08	5.83	29.39	45,653																
10-1	8/21/1997 0:00	10:25	Mid	3.0	1.0	31.49	8.04	5.70	28.86	45,053	2.0	10	3.1	23.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.76	0.76	0.01	0.24	7.0	1.6
10-1	8/21/1997 0:00	10:25	Bottom	3.0	2.8	31.47	8.04	5.71	29.37	45,634																
10-2	8/21/1997 0:00	12:25	Surface	2.3	0.2	31.96	8.07	5.99	29.49	45,821																
10-2	8/21/1997 0:00	12:25	Mid	2.3	1.0	31.95	8.07	6.01	29.44	45,754	1.5	5	0.4	26.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.78	0.78	0.01	0.23	2.2	2.3*
10-2	8/21/1997 0:00	12:25	Bottom	2.3	2.1	31.94	8.07	6.02	29.47	45,800																
10-3	8/21/1997 0:00	10:00	Surface	3.3	0.2	31.39	8.07	4.85	29.57	45,904																
10-3	8/21/1997 0:00	10:00	Mid	3.3	1.0	31.39	8.08	4.79	29.56	45,879	2.2	5	1.1	16.6	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.72	0.72	0.01	0.25	5.5	1.9
10-3	8/21/1997 0:00	10:00	Bottom	3.3	3.1	31.33	8.07	4.51	29.57	45,895																
10-3 Rep	8/21/1997 0:00	10:05	Surface	3.3	0.2	31.39	8.07	4.82	29.57	45,901																
10-3 Rep	8/21/1997 0:00	10:05	Mid	3.3	1.0	31.39	8.08	4.80	29.56	45,885	2.1	5	1.2	16.4	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0					

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
11-2	8/21/1997 0:00	10:55	Surface	2.8	0.2	31.77	8.02	5.80	29.08	45,244																
11-2	8/21/1997 0:00	10:55	Mid	2.8	1.0	31.75	8.02	5.75	29.09	45,248	1.9	5	0.5	28.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.72	0.72	0.01	0.20	3.0	1.6
11-2	8/21/1997 0:00	10:55	Bottom	2.8	2.6	31.69	8.01	5.68	29.11	45,265																
11-3	8/21/1997 0:00	11:05	Surface	2.8	0.2	31.67	8.03	5.72	28.88	44,960																
11-3	8/21/1997 0:00	11:05	Mid	2.8	1.0	31.66	8.02	5.65	28.96	45,062	1.6	5									0.85	0.85	0.01	0.21	4.1	1.5
11-3	8/21/1997 0:00	11:05	Bottom	2.8	2.6	31.65	8.02	5.64	28.86	45,040																
11-4	8/21/1997 0:00	11:25	Surface	1.6	0.2	31.78	8.01	5.41	27.93	43,634																
11-4	8/21/1997 0:00	11:25	Mid	1.6	0.8	31.79	8.01	5.41	27.95	43,663	2.1	5	0.5	26.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.63	0.63	0.01	0.23	4.9	1.4
11-4	8/21/1997 0:00	11:25	Bottom	1.6	1.4	31.80	8.07	5.56	24.51	39,399																
11-5	8/21/1997 0:00	11:35	Surface	2.6	0.2	31.86	7.98	4.91	27.13	42,522																
11-5	8/21/1997 0:00	11:35	Mid	2.6	1.0	31.86	7.98	4.85	27.13	42,524	2.2	5	0.9	26.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.70	0.70	0.01	0.45	6.1	1.5
11-5	8/21/1997 0:00	11:35	Bottom	2.6	2.4	31.90	7.96	4.69	28.44	44,240																
13-1	8/18/1997 0:00	10:00	Surface	2.2	0.2	31.77	7.94	3.85	23.96	38,026																
13-1	8/18/1997 0:00	10:00	Mid	2.2	1.0	31.93	7.90	3.52	26.37	41,444	1.2	25	1.5	18.4	<0.01	<0.01	0.02	0.02	<0.01	0.03	0.74	0.74	0.07	0.20	4.2	1.5
13-1	8/18/1997 0:00	10:00	Bottom	2.2	2.0	31.71	7.94	4.38	27.35	42,824																
13-1 Rep	8/18/1997 0:00	10:10	Surface	2.2	0.2	31.79	7.94	4.04	23.97	38,029																
13-1 Rep	8/18/1997 0:00	10:10	Mid	2.2	1.0	31.91	7.91	3.85	26.03	41,056	1.2	25	1.6	18.0	<0.01	<0.01	0.02	0.02	<0.01	0.02	0.72	0.72	0.07	0.19	4.5	1.5
13-1 Rep	8/18/1997 0:00	10:10	Bottom	2.2	2.0	31.72	7.95	4.40	27.29	42,749																
13-2	8/18/1997 0:00	10:20	Surface	1.6	0.2	31.56	7.92	4.49	23.88	37,878																
13-2	8/18/1997 0:00	10:20	Mid	1.6	0.8	32.06	7.92	4.20	25.77	40,666	1.5	25	1.3	18.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.69	0.69	0.07	0.22	5.6	1.6*
13-2	8/18/1997 0:00	10:20	Bottom	1.6	1.4	32.11	7.90	4.09	32.09	40,996																
13-3	8/18/1997 0:00	10:40	Surface	1.6	0.2	31.70	7.93	4.37	24.24	38,452																
13-3	8/18/1997 0:00	10:40	Mid	1.6	0.8	31.71	7.92	4.32	24.37	38,549	1.3	20	1.5	16.6	<0.01	<0.01	0.02	0.02	<0.01	0.03	0.68	0.68	0.06	0.26	6.8	1.6*
13-3	8/18/1997 0:00	10:40	Bottom	1.6	1.4	31.71	7.90	4.30	24.51	38,842																
13-4	8/18/1997 0:00	11:10	Surface	1.2	0.2	31.74	7.88	3.76	23.79	37,772																
13-4	8/18/1997 0:00	11:10	Mid	1.2	0.6	31.74	7.87	3.77	23.81	37,811	1.6	20	1.4	20.0	<0.01	<0.01	0.03	0.03	<0.01	0.03	0.60	0.60	0.07	0.25	5.7	1.2*
13-4	8/18/1997 0:00	11:10	Bottom	1.2	1.0	31.73	7.85	3.82	23.86	37,881																
13-5	8/18/1997 0:00	11:30	Surface	2.3	0.2	31.70	7.89	3.47	22.94	36,557																
13-5	8/18/1997 0:00	11:30	Mid	2.3	1.0	31.58	7.97	4.02	23.09	36,765	1.0	25	1.1	23.0	<0.01	0.07	0.09	0.16	0.08	0.13	0.46	0.54	0.08	0.13	4.6	2.0
13-5	8/18/1997 0:00	11:30	Bottom	2.3	2.1	31.52	7.91	3.82	23.14	36,839																
14-1	8/18/1997 0:00	11:40	Surface	2.2	0.2	32.12	8.03	5.18	23.21	36,964																
14-1	8/18/1997 0:00	11:40	Mid	2.2	1.0	31.57	8.02	5.45	23.28	37,050	1.8	30	1.4	20.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.27	1.27	0.05	0.22	3.8	1.7
14-1	8/18/1997 0:00	11:40	Bottom	2.2	2.0	31.58	8.07	5.39	23.26	37,020																
14-2	8/18/1997 0:00	12:00	Surface	2.1	0.2	31.88	8.05	4.55	23.25	37,021																
14-2	8/18/1997 0:00	12:00	Mid	2.1	1.0	31.22	8.02	3.74	23.30	37,063	1.9	25	2.2	23.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	2.25	2.25	0.05	0.17	7.0	1.7
14-2	8/18/1997 0:00	12:00	Bottom	2.1	1.9	31.74	8.10	4.65	23.95	38,009																
14-3	8/18/1997 0:00	12:15	Surface	2.0	0.2	31.91	8.29	7.36	25.08	39,619																
14-3	8/18/1997 0:00	12:15	Mid	2.0	1.0	31.38	8.21	5.84	25.45	40,134	2.2	20	1.5	11.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	2.13	2.13	0.01	0.17	6.4	1.6
14-3	8/18/1997 0:00	12:15	Bottom	2.0	1.8	31.38	8.20	5.87	25.53	40,222																
14-4	8/18/1997 0:00	12:30	Surface	1.9	0.2	31.63	8.22	6.17	25.78	40,607																
14-4	8/18/1997 0:00	12:30	Mid	1.9	0.9	31.51	8.12	5.03	26.69	41,895	1.6	15	1.3	18.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	2.27	2.27	0.01	0.18	6.4	1.7
14-4	8/18/1997 0:00	12:30	Bottom	1.9	1.7	31.45	8.12	4.96	26.68	41,870																
14-5	8/18/1997 0:00	12:50	Surface	2.8	0.2	31.83	8.15	5.68	26.87	42,154																
14-5	8/18/1997 0:00	12:50	Mid	2.8	1.0	31.76	8.13	5.64	27.20	42,599	1.4	20	1.8	26.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	2.08	2.08	<0.01	0.13	6.8	1.7
14-5	8/18/1997 0:00	12:50	Bottom	2.8	2.6	31.74	8.13	5.64	27.20	42,607																
16-1	8/19/1997 0:00	11:15	Surface	1.2	0.2	31.86	7.93	5.08	27.22	42,637																
16-1	8/19/1997 0:00	11:15	Mid	1.2	0.6	31.85	7.90	5.07	27.24	42,667	1.4	15	4.4	21.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.64	1.64	0.01	0.23	7.8	1.2*
16-1	8/19/1997 0:00	11:15	Bottom	1.2	1.0	31.84	7.88	5.07	27.24	42,665																
16-2	8/19/1997 0:00	11:30	Surface	1.4	0.2	31.97	8.11	6.17	27.17	42,567																
16-2	8/19/1997 0:00	11:30	Mid	1.4	0.7	31.89	8.08	5.60	27.36	42,827	1.5	20	1.8	24.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.48	1.48	0.01	0.19	8.2	1.4*
16-2	8/19/1997 0:00	11:30	Bottom	1.4	1.2	31.83	8.06	5.49	27.51	43,045																
16-3	8/19/1997 0:00	11:40	Surface	2.5	0.2	31.70	8.04	5.02	27.91	43,602																
16-3	8/19/1997 0:00	11:40	Mid	2.5	1.0	31.70	8.04	5.03	27.91	43,599	1.2	10	1.7	18.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.38	1.38	0.01	0.18	6.6	1.5
16-3	8/19/1997 0:00	11:40	Bottom	2.5	2.3	31.69	8.04	5.03	27.91	43,611																
16-4	8/19/1997 0:00	11:50	Surface	1.6	0.2	32.09	8.06	5.72	28.69	44,714																
16-4	8/19/1997 0:00	11:50	Mid	1.6	0.8	32.07	8.06	5.70	28.72	44,759	15		0.9	17.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.26	1.26	0.01	0.82	3.6	1.6*
16-4	8/19/1997 0:00	11:50	Bottom	1.6	1.4	32.07	8.06	5.70	28.76	44,808																
16-5	8/19/1997 0:00	12:05	Surface	1.6	0.2	32.10	8.05	5.64	28.83	44,903																
16-5	8/19/1997 0:00	12:05	Mid	1.6	0.8	32.10	8.05	5.65	28.81	44,878	0.7	20	0.7	20.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.20					

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
LB-4	8/19/1997 0:00	10:15	Mid	1.7	0.8	30.50	8.27	6.40	28.77	44,752	7.4	25	3.0	21.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.21	1.21	0.01	0.24	11.8	1.1
LB-4	8/19/1997 0:00	10:15	Bottom	1.7	1.5	30.73	8.20	4.83	28.97	44,962																
LB-5	8/19/1997 0:00	10:00	Surface	2.3	0.2	30.90	8.21	4.92	29.11	45,238																
LB-5	8/19/1997 0:00	10:00	Mid	2.3	1.0	31.05	8.20	4.77	29.24	45,425	6.0	20	3.5	28.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.23	1.23	0.01	0.18	13.6	0.9
LB-5	8/19/1997 0:00	10:00	Bottom	2.3	2.1	31.19	8.14	3.99	29.40	45,656																
LB-5 Rep	8/19/1997 0:00	10:05	Surface	2.3	0.2	30.88	8.21	4.95	29.13	45,271																
LB-5 Rep	8/19/1997 0:00	10:05	Mid	2.3	1.0	31.15	8.20	4.80	29.26	45,447	6.6	20	3.3	30.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.21	1.21	0.01	0.16	12.9	0.9
LB-5 Rep	8/19/1997 0:00	10:05	Bottom	2.3	2.1	31.18	8.14	3.93	29.41	45,662																
ML-1	8/20/1997 0:00	11:10	Surface	1.5	0.2	29.14	6.68	2.91	0.09	196																
ML-1	8/20/1997 0:00	11:10	Mid	1.5	0.7	29.10	6.69	2.92	0.09	195	1.7	350	0.8	1.4	<0.01	0.01	0.06	0.07	0.02	0.07	1.11	1.13	0.39	0.65	1.5	0.4
ML-1	8/20/1997 0:00	11:10	Bottom	1.5	1.3	29.08	6.70	2.98	0.09	194																
ML-2	8/20/1997 0:00	10:50	Surface	2.5	0.2	29.25	6.74	2.80	0.11	228																
ML-2	8/20/1997 0:00	10:50	Mid	2.5	1.0	29.20	6.75	2.79	0.11	240	1.6	350	0.7	1.0	<0.01	0.01	0.10	0.11	0.02	0.12	1.26	1.28	0.39	0.40	2.2	0.5
ML-2	8/20/1997 0:00	10:50	Bottom	2.5	2.3	29.08	6.77	2.79	0.14	289																
ML-3	8/20/1997 0:00	10:35	Surface	1.7	0.2	29.20	6.73	2.81	0.38	792																
ML-3	8/20/1997 0:00	10:35	Mid	1.7	0.8	29.18	6.73	2.82	0.38	791	1.4	300	0.9	1.8	<0.01	0.02	0.08	0.10	0.03	0.10	1.30	1.33	0.35	0.40	1.7	0.5
ML-3	8/20/1997 0:00	10:35	Bottom	1.7	1.5	29.18	6.73	2.83	0.38	790																
ML-4	8/20/1997 0:00	10:20	Surface	2.1	0.2	29.29	6.84	3.22	0.31	644																
ML-4	8/20/1997 0:00	10:20	Mid	2.1	1.0	29.21	6.95	3.39	0.28	590	1.3	250	0.7	2.6	<0.01	0.03	0.13	0.16	0.04	0.14	1.21	1.25	0.23	0.46	1.8	0.5
ML-4	8/20/1997 0:00	10:20	Bottom	2.1	1.9	29.19	6.90	3.14	0.25	505																
ML-5	8/20/1997 0:00	10:00	Surface	1.6	0.2	29.27	6.90	3.35	0.22	468																
ML-5	8/20/1997 0:00	10:00	Mid	1.6	0.8	29.27	6.91	3.35	0.22	467	1.8	300	0.7	2.0	<0.01	0.02	0.09	0.11	0.04	0.10	1.20	1.24	0.32	0.43	1.8	0.5
ML-5	8/20/1997 0:00	10:00	Bottom	1.6	1.4	29.27	6.90	3.33	0.22	467																
ML-5 Rep	8/20/1997 0:00	10:05	Surface	1.6	0.2	29.27	6.90	3.35	0.22	469																
ML-5 Rep	8/20/1997 0:00	10:05	Mid	1.6	0.8	29.27	6.90	3.35	0.22	467	2.0	300	0.7	2.2	<0.01	0.03	0.09	0.12	0.03	0.10	1.19	1.22	0.33	0.42	1.7	0.5
ML-5 Rep	8/20/1997 0:00	10:05	Bottom	1.6	1.4	29.27	6.90	3.33	0.22	467																
MU-1	8/20/1997 0:00	13:05	Surface	1.5	0.2	29.72	6.47	2.64	0.08	168																
MU-1	8/20/1997 0:00	13:05	Mid	1.5	0.7	29.72	6.45	2.65	0.08	168	1.3	350	1.8	2.4	<0.01	0.01	0.05	0.06	0.01	0.07	1.21	1.22	0.47	0.55	1.4	0.3
MU-1	8/20/1997 0:00	13:05	Bottom	1.5	1.3	29.71	6.44	2.68	0.08	169																
MU-2	8/20/1997 0:00	12:35	Surface	2.0	0.2	29.55	6.51	2.60	0.08	172																
MU-2	8/20/1997 0:00	12:35	Mid	2.0	1.0	29.55	6.49	2.61	0.08	172	1.2	350	0.6	2.0	<0.01	0.06	0.23	0.29	0.07	0.24	1.29	1.36	0.46	0.53	3.6	0.3
MU-2	8/20/1997 0:00	12:35	Bottom	2.0	1.8	29.54	6.47	2.65	0.08	172																
MU-3	8/20/1997 0:00	12:15	Surface	1.8	0.2	29.47	6.61	2.61	0.09	183																
MU-3	8/20/1997 0:00	12:15	Mid	1.8	0.9	29.48	6.61	2.62	0.09	183	1.1	300	0.5	0.8	<0.01	0.02	0.09	0.11	0.03	0.11	1.24	1.27	0.47	0.56	1.7	0.4
MU-3	8/20/1997 0:00	12:15	Bottom	1.8	1.6	29.44	6.60	2.64	0.09	183																
MU-4	8/20/1997 0:00	12:00	Surface	1.8	0.2	29.54	6.57	2.62	0.09	188																
MU-4	8/20/1997 0:00	12:00	Mid	1.8	0.9	29.41	6.55	2.67	0.09	185	1.4	250	0.8	1.8	<0.01	0.01	0.08	0.09	0.03	0.10	1.19	1.22	0.47	0.51	1.6	0.4
MU-4	8/20/1997 0:00	12:00	Bottom	1.8	1.6	29.40	6.59	2.87	0.09	187																
MU-5	8/20/1997 0:00	11:40	Surface	1.2	0.2	29.19	6.72	2.72	0.09	195																
MU-5	8/20/1997 0:00	11:40	Mid	1.2	0.6	29.19	6.74	2.72	0.09	200	1.5	300	0.6	1.6	<0.01	0.01	0.07	0.08	0.02	0.09	1.19	1.21	0.40	0.46	1.8	0.4
MU-5	8/20/1997 0:00	11:40	Bottom	1.2	1.0	29.14	6.76	2.77	0.09	201																
Equip Blank	8/21/1997 0:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.02	<0.01	0.01	<1.0	NA
Equip Blank	8/18/1997 0:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	<0.01	<0.01	<1.0	NA
Equip Blank	8/19/1997 0:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
Equip Blank	8/20/1997 0:00	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	NA
10-1	9/15/1997 0:00	11:50	Surface	4.0	0.2	29.00	8.06	6.23	29.57	45,800																
10-1	9/15/1997 0:00	11:50	Mid	4.0	1.0	28.96	8.05	6.08	29.57	45,800	1.3	5	0.7	26.4	<0.01	0.06	0.01	0.07	0.06	0.02	1.13	1.19	0.01	0.62	3.6	2.5
10-1	9/15/1997 0:00	11:50	Bottom	4.0	3.8	28.77	8.04	6.04	29.60	45,831																
10-2	9/15/1997 0:00	11:10	Surface	2.7	0.2	28.95	8.06	6.18	29.59	45,820																
10-2	9/15/1997 0:00	11:10	Mid	2.7	1.0	28.94	8.05	6.18	29.58	45,808	1.2	5	0.9	37.2	<0.01	0.04	0.01	0.05	0.04	0.01	1.14	1.18	0.01	0.63	4.4	1.9
10-2	9/15/1997 0:00	11:10	Bottom	2.7	2.5	28.94	8.04	6.17	29.58	45,809																
10-3	9/15/1997 0:00	12:05	Surface	4.4	0.2	29.06	8.08	6.38	29.59	45,827																
10-3	9/15/1997 0:00	12:05	Mid	4.4	1.0	29.02	8.08	6.36	29.59	45,833	1.1	5	0.5	4.6	<0.01	0.03	0.03	0.06	0.03	0.03	1.15	1.18	0.01	0.66	4.6	2.5
10-3	9/15/1997 0:00	12:05	Bottom	4.4	4.2	29.02	8.07	6.36	29.59	45,827																
10-4	9/15/1997 0:00	10:45	Surface	2.0	0.2	29.17	8.04	5.55	29.50	45,706																
10-4	9/15/1997 0:00	10:45	Mid	2.0	1.0	29.19	8.02	5.37	29.49	45,693	1.0	10	0.8	29.4	<0.01	0.03	0.01	0.04	0.03	0.01	1.16	1.19	0.01	0.70	4.6	2.0*
10-4	9/15/1997 0:00	10:45	Bottom	2.0	1.8	29.24	8.01	5.39	29.46	45,655																
10-5	9/15/1997 0:00	10:00	Surface	2.6	0.2	28.55	7.99	4.23	29.18	45,224																
10-5	9/15/1997 0:00	10:00	Mid	2.6	1.0	28.87																				

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
11-3	9/15/1997 0:00	10:55	Surface	3.4	0.2	29.23	8.06	6.02	29.18	45,265																
11-3	9/15/1997 0:00	10:55	Mid	3.4	1.0	29.21	8.06	5.99	29.18	45,261	1.1	5	1.0	30.4	<0.01	0.01	<0.01	0.01	0.01	<0.01	1.12	1.13	0.01	0.91	6.4	2.0
11-3	9/15/1997 0:00	10:55	Bottom	3.4	3.2	29.21	8.05	5.96	29.17	45,260																
11-4	9/15/1997 0:00	10:30	Surface	2.5	0.2	29.06	8.02	5.70	29.44	45,614																
11-4	9/15/1997 0:00	10:30	Mid	2.5	1.0	29.08	8.02	5.72	29.43	45,607	1.0	10	0.9	31.2	<0.01	0.02	<0.01	0.02	0.02	<0.01	1.14	1.16	0.01	0.96	6.5	1.6
11-4	9/15/1997 0:00	10:30	Bottom	2.5	2.3	29.12	7.99	5.72	29.42	45,595																
11-5	9/15/1997 0:00	10:15	Surface	2.7	0.2	29.36	8.07	5.80	28.33	44,135																
11-5	9/15/1997 0:00	10:15	Mid	2.7	1.0	29.36	8.02	4.44	29.19	45,292	2.0	5	0.8	29.4	<0.01	0.02	0.02	0.04	0.02	0.02	1.08	1.10	0.02	1.00	12.1	1.5
11-5	9/15/1997 0:00	10:15	Bottom	2.7	2.5	29.38	7.99	4.21	29.24	45,353																
13-1	9/16/1997 0:00	12:00	Surface	4.5	0.2	29.76	8.03	6.04	28.66	44,561																
13-1	9/16/1997 0:00	12:00	Mid	4.5	1.0	29.60	8.02	6.03	28.89	44,888	1.9	10	2.3	27.8	<0.01	0.02	0.02	0.04	0.02	0.02	1.15	1.17	0.01	1.12	10.1	1.6
13-1	9/16/1997 0:00	12:00	Bottom	4.5	4.3	29.46	8.02	6.13	28.97	44,986																
13-2	9/16/1997 0:00	11:45	Surface	1.8	0.2	29.80	8.03	6.38	26.39	41,455																
13-2	9/16/1997 0:00	11:45	Mid	1.8	0.9	29.71	8.00	5.76	27.39	42,793	2.6	15	2.9	27.4	<0.01	0.02	0.02	0.04	0.02	0.02	0.78	0.80	0.08	0.12	8.1	1.5
13-2	9/16/1997 0:00	11:45	Bottom	1.8	1.6	29.69	7.99	5.77	27.53	42,984																
13-3	9/16/1997 0:00	11:35	Surface	2.4	0.2	29.78	8.03	5.69	26.60	41,690																
13-3	9/16/1997 0:00	11:35	Mid	2.4	1.0	29.77	8.03	5.63	26.60	41,681	2.7	15	1.0	22.2	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.71	0.72	0.07	0.11	14.6	1.0
13-3	9/16/1997 0:00	11:35	Bottom	2.4	2.2	29.77	8.02	5.60	26.59	41,674																
13-4	9/16/1997 0:00	11:20	Surface	1.0	0.2	29.75	7.99	5.01	25.83	40,603																
13-4	9/16/1997 0:00	11:20	Mid	1.0	0.5	29.73	7.98	4.96	25.86	40,642	2.4	20	1.2	29.2	<0.01	0.02	0.02	0.04	0.02	0.02	0.88	0.90	0.07	0.13	14.5	1.0*
13-4	9/16/1997 0:00	11:20	Bottom	1.0	0.8	29.71	7.98	4.97	25.86	40,633																
13-5	9/16/1997 0:00	11:05	Surface	2.4	0.2	29.58	8.08	5.79	25.70	40,411																
13-5	9/16/1997 0:00	11:05	Mid	2.4	1.0	29.56	8.08	5.85	25.71	40,413	2.8	10	2.0	20.0	<0.01	0.02	0.02	0.04	0.02	0.02	0.84	0.86	0.07	0.14	16.4	1.2
13-5	9/16/1997 0:00	11:05	Bottom	2.4	2.2	29.56	8.07	5.85	25.67	40,365																
14-1	9/16/1997 0:00	10:55	Surface	2.4	0.2	29.54	8.14	6.25	25.54	40,168																
14-1	9/16/1997 0:00	10:55	Mid	2.4	1.0	29.52	8.14	6.20	25.58	40,228	3.0	20	2.6	15.8	<0.01	0.01	0.04	0.05	0.01	0.04	0.64	0.65	0.06	0.15	11.6	1.1
14-1	9/16/1997 0:00	10:55	Bottom	2.4	2.2	29.50	8.12	6.15	25.59	40,243																
14-2	9/16/1997 0:00	10:40	Surface	1.6	0.2	29.46	8.21	6.42	24.74	39,064																
14-2	9/16/1997 0:00	10:40	Mid	1.6	0.8	29.88	8.08	5.80	25.81	40,575	4.0	20	0.8	24.0	<0.01	0.02	0.02	0.04	0.02	0.02	1.00	1.02	0.06	0.10	6.2	1.3
14-2	9/16/1997 0:00	10:40	Bottom	1.6	1.4	30.02	8.06	4.75	25.86	40,654																
14-3	9/16/1997 0:00	10:30	Surface	2.7	0.2	29.10	8.30	7.75	25.76	40,472																
14-3	9/16/1997 0:00	10:30	Mid	2.7	1.0	29.16	8.26	6.56	25.98	40,775	4.0	20	1.7	21.2	<0.01	0.02	0.03	0.05	0.02	0.03	1.09	1.11	0.02	0.07	9.6	1.2
14-3	9/16/1997 0:00	10:30	Bottom	2.7	2.5	29.80	8.10	5.17	26.99	42,239																
14-4	9/16/1997 0:00	10:15	Surface	1.8	0.2	29.23	8.32	7.71	26.14	41,021																
14-4	9/16/1997 0:00	10:15	Mid	1.8	0.9	29.13	8.30	7.67	26.24	41,138	4.8	25	0.9	28.2	<0.01	0.02	0.02	0.04	0.02	0.02	1.08	1.10	0.05	0.09	9.9	1.1
14-4	9/16/1997 0:00	10:15	Bottom	1.8	1.6	29.21	8.26	6.85	26.32	41,265																
14-5	9/16/1997 0:00	10:00	Surface	1.6	0.2	29.31	8.17	4.65	26.85	42,024																
14-5	9/16/1997 0:00	10:00	Mid	1.6	0.8	29.31	8.17	4.64	26.85	42,022	2.9	15	1.7	13.6	<0.01	0.02	0.05	0.07	0.02	0.06	0.86	0.88	0.06	0.11	13.8	1.5
14-5	9/16/1997 0:00	10:00	Bottom	1.6	1.4	29.31	8.17	4.61	26.84	41,998																
14-5 Rep	9/16/1997 0:00	10:05	Surface	1.6	0.2	29.31	8.17	4.65	26.86	42,025																
14-5 Rep	9/16/1997 0:00	10:05	Mid	1.6	0.8	29.31	8.16	4.65	26.85	42,020	2.6	15	2.0	14.2	<0.01	0.02	0.04	0.06	0.02	0.05	0.87	0.89	0.06	0.10	13.9	1.5
14-5 Rep	9/16/1997 0:00	10:05	Bottom	1.6	1.4	29.32	8.17	4.62	26.84	42,001																
16-1	9/18/1997 0:00	12:10	Surface	2.3	0.2	28.75	8.04	4.46	26.89	42,058																
16-1	9/18/1997 0:00	12:10	Mid	2.3	1.0	28.74	8.04	4.44	26.89	42,048	3.0	15	3.5	29.4	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.82	0.84	0.01	0.06	8.3	1.6
16-1	9/18/1997 0:00	12:10	Bottom	2.3	2.1	28.73	8.04	4.45	26.89	42,051																
16-2	9/18/1997 0:00	11:55	Surface	2.1	0.2	28.85	8.05	4.61	27.45	42,847																
16-2	9/18/1997 0:00	11:55	Mid	2.1	1.0	28.84	8.04	4.57	27.67	43,150	2.4	10	2.1	30.8	<0.01	0.02	0.02	0.04	0.02	0.02	0.65	0.67	0.01	0.08	10.6	1.7
16-2	9/18/1997 0:00	11:55	Bottom	2.1	1.9	28.84	8.04	4.56	27.69	43,180																
16-3	9/18/1997 0:00	11:45	Surface	1.6	0.2	28.76	8.05	4.82	27.76	43,272																
16-3	9/18/1997 0:00	11:45	Mid	1.6	0.8	28.76	8.04	4.82	27.75	43,261	2.3	5	1.8	29.6	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.52	0.54	0.01	0.09	9.4	1.6*
16-3	9/18/1997 0:00	11:45	Bottom	1.6	1.4	28.74	8.04	4.85	27.75	43,253																
16-4	9/18/1997 0:00	11:35	Surface	1.3	0.2	28.77	8.06	5.04	27.87	43,424																
16-4	9/18/1997 0:00	11:35	Mid	1.3	0.6	28.77	8.05	5.03	27.89	43,447	2.5	10	1.6	28.0	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.60	0.62	0.04	0.08	10.6	1.3*
16-4	9/18/1997 0:00	11:35	Bottom	1.3	1.1	28.77	8.05	5.07	27.88	43,445																
16-5	9/18/1997 0:00	11:20	Surface	3.0	0.2	28.83	8.05	5.18	28.13	43,800																
16-5	9/18/1997 0:00	11:20	Mid	3.0	1.0	28.82	8.05	5.14	28.14	43,802	2.0	10	1.3	28.6	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.72	0.74	0.01	0.06	9.1	1.5
16-5	9/18/1997 0:00	11:20	Bottom	3.0	2.8	28.80	8.04	5.09	28.13	43,785																
LB-1	9/18/1997 0:00	10:45	Surface	3.6	0.2	28.87	7.73	3.04	24.54	38,757																
LB-1	9/18/1997 0:00	10:45	Mid	3.6	1.0	28.96	7.77	2.92	25.18																	

Station	Date (mm/dd/yyyy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (mg/L)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2	Dissolved NO3	Dissolved NH3	Dissolved Inorganic N	Total NO2+NO3	Total NH3	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
LB-5	9/18/1997 0:00	9:55	Mid	1.1	0.5	28.49	8.10	3.35	28.66	44,508	4.0	20	1.3	27.0	<0.01	0.02	0.02	0.04	0.02	0.02	1.11	1.13	0.03	0.14	15.8	1.0
LB-5	9/18/1997 0:00	9:55	Bottom	1.1	0.9	28.48	8.09	3.25	28.66	44,511																
LB-5 Rep	9/18/1997 0:00	10:00	Surface	1.1	0.2	28.49	8.11	3.61	28.65	44,501																
LB-5 Rep	9/18/1997 0:00	10:00	Mid	1.1	0.5	28.49	8.10	3.42	28.65	44,507	4.1	20	1.4	27.4	<0.01	0.02	0.02	0.04	0.02	0.02	1.09	1.11	0.02	0.14	15.8	1.0
LB-5 Rep	9/18/1997 0:00	10:00	Bottom	1.1	0.9	28.49	8.09	3.28	28.66	44,509																
ML-1	9/17/1997 0:00	11:05	Surface	1.1	0.2	28.60	7.13	3.97	0.59	1,191																
ML-1	9/17/1997 0:00	11:05	Mid	1.1	0.5	28.60	7.13	3.96	0.59	1,190					<0.01	0.04	0.05	0.09	0.06	0.05	1.22	1.28	0.24	0.28	2.2	0.6
ML-1	9/17/1997 0:00	11:05	Bottom	1.1	0.9	28.60	7.14	3.96	0.59	1,192																
ML-2	9/17/1997 0:00	10:50	Surface	1.4	0.2	28.69	7.16	3.99	1.00	1,972																
ML-2	9/17/1997 0:00	10:50	Mid	1.4	0.7	28.68	7.16	3.98	1.00	1,974	1.3	225	0.8	1.0	<0.01	0.05	0.05	0.10	0.05	0.05	1.25	1.30	0.24	0.29	2.2	0.7
ML-2	9/17/1997 0:00	10:50	Bottom	1.4	1.2	28.65	7.16	3.98	1.00	1,977																
ML-3	9/17/1997 0:00	10:35	Surface	2.7	0.2	28.85	7.23	4.00	1.14	2,246																
ML-3	9/17/1997 0:00	10:35	Mid	2.7	1.0	28.69	7.23	3.99	1.13	2,217	1.3	250	0.9	0.6	<0.01	0.05	0.07	0.12	0.06	0.09	1.22	1.28	0.24	0.31	2.2	0.7
ML-3	9/17/1997 0:00	10:35	Bottom	2.7	2.5	28.57	7.26	4.00	1.11	2,177																
ML-4	9/17/1997 0:00	10:15	Surface	1.8	0.2	28.81	7.27	4.23	1.35	2,631																
ML-4	9/17/1997 0:00	10:15	Mid	1.8	0.9	28.81	7.27	4.22	1.38	2,686	1.5	200	0.9	1.4	<0.01	0.07	0.06	0.13	0.07	0.10	1.41	1.48	0.22	0.37	2.7	0.6
ML-4	9/17/1997 0:00	10:15	Bottom	1.8	1.6	28.81	7.29	4.22	1.38	2,683																
ML-5	9/17/1997 0:00	9:55	Surface	1.6	0.2	28.81	7.28	4.34	1.55	2,993																
ML-5	9/17/1997 0:00	9:55	Mid	1.6	0.8	28.82	7.28	4.34	1.57	3,030	1.3	200	1.1	0.4	<0.01	0.04	0.09	0.13	0.05	0.10	1.35	1.40	0.21	0.28		

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date (mm/dd/yyyy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
11-4	10/9/1997 0:00	10:20	Surface	1.7	0.2	26.86	8.03	6.09	28.19	43,802																
11-4	10/9/1997 0:00	10:20	Mid	1.7	0.8	26.86	8.03	6.08	28.19	43,802	2.1	5	1.1	25.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.62	0.62	0.03	0.08	5.1	1.4
11-4	10/9/1997 0:00	10:20	Bottom	1.7	1.5	26.86	8.03	6.08	28.19	43,804																
11-5	10/9/1997 0:00	10:05	Surface	2.7	0.2	26.84	8.02	5.48	26.70	41,721																
11-5	10/9/1997 0:00	10:05	Mid	2.7	1.0	26.98	8.02	5.50	27.41	42,658	2.0	10	0.6	23.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.61	0.61	0.03	0.08	7.9	1.5
11-5	10/9/1997 0:00	10:05	Bottom	2.7	2.5	27.10	8.02	5.44	28.99	44,917																
13-1	10/8/1997 0:00	12:00	Surface	1.4	0.2	27.42	8.04	5.74	24.12	38,091																
13-1	10/8/1997 0:00	12:00	Mid	1.4	0.7	27.40	8.04	5.72	24.48	38,606	2.2	20	0.2	31.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.70	0.70	0.07	0.16	11.6	1.0
13-1	10/8/1997 0:00	12:00	Bottom	1.4	1.2	27.39	8.03	5.71	24.78	39,021																
13-2	10/8/1997 0:00	11:40	Surface	1.4	0.2	27.21	8.01	4.99	20.73	33,217																
13-2	10/8/1997 0:00	11:40	Mid	1.4	0.7	27.21	8.00	4.93	21.29	33,879	2.4	25	3.4	26.2	<0.01	0.02	<0.01	0.02	0.02	<0.01	1.33	1.35	0.08	0.16	14.3	1.0
13-2	10/8/1997 0:00	11:40	Bottom	1.4	1.2	27.86	7.94	3.93	26.39	41,305																
13-3	10/8/1997 0:00	11:25	Surface	1.8	0.2	27.18	7.99	5.22	20.25	32,446																
13-3	10/8/1997 0:00	11:25	Mid	1.8	0.9	27.15	7.99	5.22	20.47	32,815	2.7	30	0.8	22.6	<0.01	0.03	<0.01	0.03	0.03	<0.01	0.55	0.58	0.11	0.14	11.3	1.1
13-3	10/8/1997 0:00	11:25	Bottom	1.8	1.6	27.15	7.98	5.26	20.48	32,842																
13-4	10/8/1997 0:00	11:10	Surface	2.9	0.2	27.25	8.07	5.44	20.19	32,421																
13-4	10/8/1997 0:00	11:10	Mid	2.9	1.0	27.25	8.07	5.42	20.19	32,424	2.6	25	0.9	22.6	<0.01	0.03	<0.01	0.03	0.04	<0.01	0.76	0.80	0.07	0.16	14.1	1.1
13-4	10/8/1997 0:00	11:10	Bottom	2.9	2.7	27.24	8.06	5.38	20.18	32,417																
13-5	10/8/1997 0:00	10:55	Surface	3.9	0.2	27.26	8.12	5.99	19.82	31,885																
13-5	10/8/1997 0:00	10:55	Mid	3.9	1.0	27.25	8.12	5.87	19.87	31,992	3.1	25	0.4	22.6	0.01	0.03	<0.01	0.04	0.04	<0.01	0.74	0.78	0.09	0.14	11.5	1.1
13-5	10/8/1997 0:00	10:55	Bottom	3.9	3.7	27.31	8.06	5.11	20.63	33,060																
14-1	10/8/1997 0:00	10:45	Surface	2.1	0.2	27.31	8.11	5.48	19.41	31,294																
14-1	10/8/1997 0:00	10:45	Mid	2.1	1.0	27.43	8.07	4.49	20.06	32,232	3.9	35	3.7	21.4	<0.01	0.03	<0.01	0.03	0.03	<0.01	0.99	1.02	0.09	0.18	11.5	1.1
14-1	10/8/1997 0:00	10:45	Bottom	2.1	1.9	27.58	7.94	4.19	21.48	34,309																
14-2	10/8/1997 0:00	10:35	Surface	1.9	0.2	27.11	8.18	6.03	19.35	31,196																
14-2	10/8/1997 0:00	10:35	Mid	1.9	0.9	27.13	8.17	5.72	19.37	31,220	3.9	30	1.9	20.8	<0.01	0.02	<0.01	0.02	0.02	<0.01	1.01	1.03	0.08	0.14	18.3	1.1
14-2	10/8/1997 0:00	10:35	Bottom	1.9	1.7	28.04	8.07	4.50	21.23	33,393																
14-3	10/8/1997 0:00	10:25	Surface	1.1	0.2	26.71	8.27	5.84	19.04	30,708																
14-3	10/8/1997 0:00	10:25	Mid	1.1	0.5	27.00	8.22	4.99	19.66	31,668	4.5	30	0.4	23.0	<0.01	0.01	<0.01	0.01	0.01	<0.01	1.22	1.23	0.05	0.15	15.2	1.1*
14-3	10/8/1997 0:00	10:25	Bottom	1.1	0.9	27.44	8.18	4.10	20.11	32,269																
14-4	10/8/1997 0:00	10:15	Surface	1.8	0.2	27.04	8.30	7.20	21.53	34,361																
14-4	10/8/1997 0:00	10:15	Mid	1.8	0.9	27.04	8.29	7.11	21.54	34,385	3.8	25	0.6	20.4	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.73	0.75	0.04	0.15	12.1	1.2
14-4	10/8/1997 0:00	10:15	Bottom	1.8	1.6	27.80	8.00	5.98	23.51	37,262																
14-5	10/8/1997 0:00	9:55	Surface	1.3	0.2	26.80	8.25	5.89	21.70	34,597																
14-5	10/8/1997 0:00	9:55	Mid	1.3	0.6	26.84	8.24	5.78	21.78	34,721	3.7	30	0.2	23.2	<0.01	0.02	<0.01	0.02	0.02	<0.01	1.28	1.30	0.02	0.09	15.0	1.2
14-5	10/8/1997 0:00	9:55	Bottom	1.3	1.1	27.24	8.09	4.81	22.35	35,570																
14-5 Rep	10/8/1997 0:00	10:00	Surface	1.3	0.2	26.76	8.25	5.99	21.70	34,589																
14-5 Rep	10/8/1997 0:00	10:00	Mid	1.3	0.6	26.85	8.24	5.79	21.78	34,700	3.6	30	0.3	23.6	<0.01	0.02	<0.01	0.02	0.02	<0.01	1.30	1.32	0.02	0.08	14.8	1.2
14-5 Rep	10/8/1997 0:00	10:00	Bottom	1.3	1.1	27.21	8.10	4.85	22.43	35,653																
16-1	10/7/1997 0:00	12:05	Surface	3.3	0.2	27.39	8.13	5.17	21.40	34,210																
16-1	10/7/1997 0:00	12:05	Mid	3.3	1.0	27.26	8.13	5.13	21.88	34,867	2.6	45	3.5	21.2	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.83	0.84	0.03	0.10	9.9	1.5
16-1	10/7/1997 0:00	12:05	Bottom	3.3	3.1	27.23	8.13	5.13	21.91	34,911																
16-2	10/7/1997 0:00	11:55	Surface	1.5	0.2	27.38	8.09	5.05	22.16	35,268																
16-2	10/7/1997 0:00	11:55	Mid	1.5	0.7	27.35	8.07	5.14	22.43	35,660	2.6	25	3.6	31.0	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.73	0.74	0.04	0.08	9.4	1.5*
16-2	10/7/1997 0:00	11:55	Bottom	1.5	1.3	27.30	8.05	5.27	23.20	36,813																
16-3	10/7/1997 0:00	11:45	Surface	3.2	0.2	27.58	8.06	5.73	23.75	37,564																
16-3	10/7/1997 0:00	11:45	Mid	3.2	1.0	27.70	8.07	5.80	24.41	38,506	2.2	20	2.1	17.4	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.75	0.76	0.04	0.10	8.0	1.5
16-3	10/7/1997 0:00	11:45	Bottom	3.2	3.0	27.65	8.07	4.64	25.03	39,393																
16-4	10/7/1997 0:00	11:35	Surface	2.7	0.2	27.69	8.03	5.15	24.65	38,860																
16-4	10/7/1997 0:00	11:35	Mid	2.7	1.0	27.64	8.02	5.11	24.80	39,057	2.0	25	1.1	29.0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.64	0.64	0.01	0.05	8.2	1.5
16-4	10/7/1997 0:00	11:35	Bottom	2.7	2.5	27.60	8.02	5.13	24.96	39,289																
16-5	10/7/1997 0:00	11:20	Surface	1.5	0.2	27.61	8.00	4.98	25.22	39,651																
16-5	10/7/1997 0:00	11:20	Mid	1.5	0.7	27.60	7.99	5.00	25.24	39,688	1.6	25	0.8	23.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.60	0.60	0.01	0.07	8.5	1.5*
16-5	10/7/1997 0:00	11:20	Bottom	1.5	1.3	27.60	7.99	5.03	25.27	39,725																
LB-1	10/7/1997 0:00	10:45	Surface	3.5	0.2	27.65	7.75	3.74	19.78	31,848																
LB-1	10/7/1997 0:00	10:45	Mid	3.5	1.0	27.61	7.74	3.62	20.05	32,255																
LB-1	10/7/1997 0:00	10:45	Bottom	3.5	3.3	27.63	7.74	3.63	19.77	31,862																
LB-2	10/7/1997 0:00	10:30	Surface	1.7	0.2	27.58	7.95	4.03	21.49	34,326																
LB-2	10/7/1997 0:00	10:30	Mid	1.7	0.8	27.65	7.95	3.64	21.75	34,694	2.6	35	1.1	19.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.82	0.82	0.09	0.22	20.3	1.4
LB-2	10/7/1997																									

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)	
LB-5 Rep	10/7/1997	0:00	10:00	Mid	1.4	0.7	27.20	8.14	4.68	25.49	40,030	1.4	15	1.5	25.0	<0.01	<0.01	0.03	0.03	<0.01	0.03	0.78	0.78	0.03	0.12	3.6	1.4*
LB-5 Rep	10/7/1997	0:00	10:00	Bottom	1.4	1.2	27.21	8.14	4.68	25.50	40,040																
ML-1	10/6/1997	0:00	11:05	Surface	1.3	0.2	26.48	6.50	7.83	0.07	145																
ML-1	10/6/1997	0:00	11:05	Mid	1.3	0.6	26.46	6.50	7.62	0.07	145	0.7	300	1.2	1.0	<0.01	0.02	0.01	0.03	0.02	0.01	0.87	0.89	0.31	0.36	2.4	0.7
ML-1	10/6/1997	0:00	11:05	Bottom	1.3	1.1	26.45	6.50	7.45	0.07	145																
ML-2	10/6/1997	0:00	10:45	Surface	1.8	0.2	26.37	6.58	8.06	0.07	151																
ML-2	10/6/1997	0:00	10:45	Mid	1.8	0.9	26.37	6.59	8.01	0.07	152	0.8	225	0.8	1.6	<0.01	0.02	0.01	0.03	0.04	0.01	0.80	0.84	0.32	0.34	1.5	0.6
ML-2	10/6/1997	0:00	10:45	Bottom	1.8	1.6	26.37	6.60	8.00	0.07	150																
ML-3	10/6/1997	0:00	10:30	Surface	3.0	0.2	26.26	6.59	8.83	0.07	151																
ML-3	10/6/1997	0:00	10:30	Mid	3.0	1.0	26.24	6.59	9.11	0.07	151	0.8	225	0.9	1.2	<0.01	0.03	<0.01	0.03	0.04	<0.01	0.91	0.95	0.33	0.38	1.5	0.6
ML-3	10/6/1997	0:00	10:30	Bottom	3.0	2.8	26.25	6.58	9.25	0.07	152																
ML-4	10/6/1997	0:00	10:15	Surface	3.6	0.2	26.15	6.62	7.78	0.08	228																
ML-4	10/6/1997	0:00	10:15	Mid	3.6	1.0	26.18	6.64	7.85	0.13	283	0.8	200	0.5	1.6	<0.01	0.03	<0.01	0.03	0.06	<0.01	0.80	0.86	0.32	0.35	1.5	0.6
ML-4	10/6/1997	0:00	10:15	Bottom	3.6	3.4	26.20	6.64	7.89	0.16	322																
ML-5	10/6/1997	0:00	9:55	Surface	1.8	0.2	26.34	6.70	8.01	0.12	248																
ML-5	10/6/1997	0:00	9:55	Mid	1.8	0.9	26.51	6.74	8.05	0.11	224	0.9	200	1.0	2.8	<0.01	0.03	0.02	0.05	0.03	0.03	0.88	0.91	0.32	0.40	2.9	0.6
ML-5	10/6/1997	0:00	9:55	Bottom	1.8	1.6	26.50	6.75	7.97	0.11	227																
ML-5 Rep	10/6/1997	0:00	10:00	Surface	1.8	0.2	26.38	6.68	8.35	0.12	251																
ML-5 Rep	10/6/1997	0:00	10:00	Mid	1.8	0.9	26.48	6.73	8.37	0.11	229	0.8	200	1.0	2.8												

Station	Date (mm/dd/yyyy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chlorophyll (µg/L)	Secchi Depth (m)
11-5	11/10/1997 0:00	11:40	Surface	1.9	0.2	20.68	8.05	6.43	27.65	42,900																
11-5	11/10/1997 0:00	11:40	Mid	1.9	0.9	20.58	8.05	6.77	27.89	43,220	0.7	5	0.4	17.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.59	0.59	<0.01	<0.01	1.5	1.9*
11-5	11/10/1997 0:00	11:40	Bottom	1.9	1.7	20.71	8.05	6.95	27.90	43,255																
13-1	11/11/1997 0:00	11:40	Surface	2.2	0.2	21.25	7.92	4.86	25.85	40,374																
13-1	11/11/1997 0:00	11:40	Mid	2.2	1.0	21.07	7.94	4.97	27.00	41,994	0.3	10	1.2	11.2	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.62	0.63	0.02	0.04	1.6	2.2*
13-1	11/11/1997 0:00	11:40	Bottom	2.2	2.0	21.08	7.95	5.08	27.01	42,002																
13-2	11/11/1997 0:00	11:30	Surface	1.7	0.2	21.22	7.93	5.10	25.22	39,496																
13-2	11/11/1997 0:00	11:30	Mid	1.7	0.8	21.22	7.94	5.43	25.30	39,602	0.5	10	0.3	16.2	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	0.40	0.42	0.04	0.06	3.2	1.7*
13-2	11/11/1997 0:00	11:30	Bottom	1.7	1.5	21.19	7.96	5.52	25.54	39,942																
13-3	11/11/1997 0:00	11:10	Surface	1.1	0.2	21.17	7.94	5.20	24.57	38,566																
13-3	11/11/1997 0:00	11:10	Mid	1.1	0.5	21.17	7.93	5.23	24.56	38,553	0.6	10	0.2	21.6	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	0.27	0.29	0.05	0.06	3.2	1.1*
13-3	11/11/1997 0:00	11:10	Bottom	1.1	0.9	21.17	7.94	5.28	24.55	38,548																
13-4	11/11/1997 0:00	11:00	Surface	1.4	0.2	21.12	7.91	5.17	24.11	37,917																
13-4	11/11/1997 0:00	11:00	Mid	1.4	0.7	21.12	7.92	5.21	24.15	37,969	0.6	10	0.5	20.4	<0.01	<0.01	<0.01	<0.01	0.03	0.02	0.61	0.64	0.05	0.06	2.1	1.4*
13-4	11/11/1997 0:00	11:00	Bottom	1.4	1.2	21.11	7.92	5.32	24.15	37,979																
13-5	11/11/1997 0:00	10:45	Surface	2.4	0.2	20.98	7.96	5.94	23.10	36,471																
13-5	11/11/1997 0:00	10:45	Mid	2.4	1.0	21.01	7.93	5.94	23.27	36,723	0.6	10	0.3	22.4	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	0.67	0.69	0.01	0.06	2.3	2.4*
13-5	11/11/1997 0:00	10:45	Bottom	2.4	2.2	21.03	7.97	6.00	23.23	36,658																
14-1	11/11/1997 0:00	10:40	Surface	2.3	0.																					

Station	Date (mm/dd/yyyy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD	Color (APU)	Turbidity (NTU)	TSS	Dissolved NO2	Dissolved NO3	Dissolved NH3	Dissolved Inorganic N	Total NO2+NO3	Total NH3	TKN	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth
ML-1	11/12/1997 0:00	11:20	Mid	1.3	0.6	21.10	7.18	6.91	0.27	556	0.4	200	0.6	1.2	0.01	0.11	<0.01	0.12	0.14	<0.01	0.92	1.06	0.34	0.37	1.4	0.6
ML-1	11/12/1997 0:00	11:20	Bottom	1.3	1.1	21.10	7.18	6.94	0.27	558																
ML-2	11/12/1997 0:00	11:05	Surface	2.0	0.2	21.22	7.27	6.94	0.44	888																
ML-2	11/12/1997 0:00	11:05	Mid	2.0	1.0	21.19	7.29	6.85	0.45	923	0.4	200	0.6	0.4	0.01	0.11	0.02	0.14	0.13	0.04	1.53	1.66	0.34	0.37	0.7	0.7
ML-2	11/12/1997 0:00	11:05	Bottom	2.0	1.8	21.10	7.13	6.42	0.69	1,231																
ML-3	11/12/1997 0:00	10:45	Surface	1.7	0.2	21.30	7.27	7.17	0.77	1,527																
ML-3	11/12/1997 0:00	10:45	Mid	1.7	0.8	21.27	7.30	7.13	0.90	1,788	0.4	175		1.0	0.01	0.09	0.02		0.12	0.05	0.78	0.90	0.32	0.35	0.7	0.7
ML-3	11/12/1997 0:00	10:45	Bottom	1.7	1.5	21.26	7.30	7.13	1.02	1,989																
ML-4	11/12/1997 0:00	10:30	Surface	3.2	0.2	21.20	7.32	7.16	1.18	2,305																
ML-4	11/12/1997 0:00	10:30	Mid	3.2	1.0	21.15	7.33	7.17	1.25	2,422	0.2	200	0.6	2.6	0.01	0.11	0.03	0.15	0.14	0.05	1.16	1.30	0.30	0.33	2.7	0.7
ML-4	11/12/1997 0:00	10:30	Bottom	3.2	3.0	21.16	7.35	7.18	1.30	2,516																
ML-5	11/12/1997 0:00	10:00	Surface	2.1	0.2	21.18	7.33	7.34	1.49	2,867																
ML-5	11/12/1997 0:00	10:00	Mid	2.1	1.0	21.17	7.32	7.30	1.68	3,211	0.6	150	1.0	3.6	0.01	0.08	0.03	0.12	0.11	0.06	1.14	1.25	0.25	0.27	6.6	0.6
ML-5	11/12/1997 0:00	10:00	Bottom	2.1	1.9	21.17	7.31	7.30	1.68	3,214																
ML-5 Rep	11/12/1997 0:00	10:10	Surface	2.1	0.2	21.18	7.34	7.38	1.58	3,035																
ML-5 Rep	11/12/1997 0:00	10:10	Mid	2.1	1.0	21.17	7.31	7.30	1.68	3,212	0.7	150	0.9	3.6	0.01	0.08	0.02	0.11	0.11	0.04	1.20	1.31	0.25	0.27	6.3	0.6
ML-5 Rep	11/12/1997 0:00	10:10	Bottom	2.1	1.9	21.17	7.31	7.30	1.68	3,213																
MU-1	11/12/1997 0:00	12:55	Surface	1.9	0.2	21.18	6.96	6.96	0.10	214																
MU-1	11/12/1997 0:00	12:55	Mid	1.9	0.9	20.99	7.00	7.01	0.10	214	0.6	200	0.4	1.4	0.01	0.07	<0.01	0.08	0.08	<0.01	0.66	0.74	0.35	0.35	0.7	0.7

Station	Date (mm/dd/yyyy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)	
13-1	12/10/1997	0:00	12:30	Surface	1.8	0.2	20.70	7.99	8.33	21.10	33,596																
13-1	12/10/1997	0:00	12:30	Mid	1.8	0.9	19.62	7.95	8.16	25.00	39,170	2.0	15	1.3	19.2	<0.01	0.01	<0.01	0.01	0.01	<0.01	0.59	0.60	0.05	0.60	10.5	1.8*
13-1	12/10/1997	0:00	12:30	Bottom	1.8	1.6	19.32	8.03	8.72	25.89	40,419																
13-2	12/10/1997	0:00	12:15	Surface	1.5	0.2	20.29	7.96	8.32	20.18	32,271																
13-2	12/10/1997	0:00	12:15	Mid	1.5	0.7	19.60	7.92	8.21	22.68	35,848	2.4	20	0.3	20.2	<0.01	0.02	<0.01	0.02	0.02	<0.01	0.33	0.35	0.05	0.25	11.5	1.5*
13-2	12/10/1997	0:00	12:15	Bottom	1.5	1.3	19.35	7.92	8.02	24.00	37,747																
13-3	12/10/1997	0:00	12:05	Surface	2.6	0.2	20.45	7.95	8.15	16.53	27,008																
13-3	12/10/1997	0:00	12:05	Mid	2.6	1.0	19.82	7.91	7.70	18.97	30,497	2.1	20	0.4	16.8	<0.01	0.03	0.02	0.05	0.03	0.03	0.36	0.39	0.07	0.69	12.3	1.5
13-3	12/10/1997	0:00	12:05	Bottom	2.6	2.4	19.20	7.83	6.52	22.86	36,090																
13-4	12/10/1997	0:00	11:45	Surface	1.9	0.2	19.87	7.89	7.79	18.10	29,208																
13-4	12/10/1997	0:00	11:45	Mid	1.9	0.9	19.77	7.87	7.71	18.25	29,384	4.2	15	0.3	18.2	<0.01	0.04	0.02	0.06	0.04	0.04	0.49	0.53	0.07	0.48	26.2	1.6
13-4	12/10/1997	0:00	11:45	Bottom	1.9	1.7	19.66	7.84	7.44	18.45	29,729																
13-5	12/10/1997	0:00	11:35	Surface	1.9	0.2	19.60	7.89	7.14	15.87	25,913																
13-5	12/10/1997	0:00	11:35	Mid	1.9	0.9	19.57	7.88	7.08	15.92	25,966	1.6	20	0.3	13.6	<0.01	0.02	0.02	0.04	0.02	0.03	0.66	0.68	0.07	0.71	7.9	1.6
13-5	12/10/1997	0:00	11:35	Bottom	1.9	1.7	19.54	7.84	6.94	17.72	28,652																
14-1	12/10/1997	0:00	11:25	Surface	1.8	0.2	20.04	7.97	8.68	15.15	24,808																
14-1	12/10/1997	0:00	11:25	Mid	1.8	0.9	19.64	7.91	7.63	15.98	26,149	2.9	30	2.0	12.6	<0.01	0.06	0.02	0.08	0.06	0.02	0.14	0.20	0.02	0.14	21.7	1.4
14-1	12/10/1997	0:00	11:25	Bottom	1.8	1.6	19.34	7.88	7.68	16.43	26,730																
14-2	12/10/1997	0:00	11:05																								

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
ML-2	12/11/1997	0:00	Mid	1.0	0.5	20.53	6.90	6.69	0.07	150	0.5	175	0.6	0.1	<0.01	0.02	0.02	0.04	0.02	0.02	1.01	1.03	0.25	0.97	0.1	0.7
ML-2	12/11/1997	0:00	Bottom	1.0	0.8	20.52	6.94	6.69	0.07	150																
ML-3	12/11/1997	0:00	Surface	2.3	0.2	20.65	7.04	6.86	0.08	190																
ML-3	12/11/1997	0:00	Mid	2.3	1.0	20.69	7.02	6.90	0.14	368	0.4	150	0.6	0.1	<0.01	0.03	0.02	0.05	0.03	0.02	0.99	1.02	0.25	1.18	0.7	0.7
ML-3	12/11/1997	0:00	Bottom	2.3	2.1	20.89	7.00	6.91	0.43	878																
ML-4	12/11/1997	0:00	Surface	1.3	0.2	20.96	7.08	7.65	0.14	286																
ML-4	12/11/1997	0:00	Mid	1.3	0.6	20.94	7.07	7.55	0.14	289	0.8	175	1.7	0.8	<0.01	0.04	0.04	0.08	0.04	0.05	0.85	0.89	0.24	0.70	2.6	0.6
ML-4	12/11/1997	0:00	Bottom	1.3	1.1	20.93	7.05	7.46	0.16	339																
ML-5	12/11/1997	0:00	Surface	1.4	0.2	20.93	6.94	7.17	0.20	417																
ML-5	12/11/1997	0:00	Mid	1.4	0.7	20.92	6.95	7.12	0.20	417	0.4	175	0.8	0.6	<0.01	0.03	<0.01	0.03	0.03	<0.01	0.94	0.97	0.16	1.05	1.6	0.7
ML-5	12/11/1997	0:00	Bottom	1.4	1.2	20.92	6.99	7.02	0.20	419																
ML-5 Rep	12/11/1997	0:00	Surface	1.4	0.2	20.93	6.94	7.17	0.20	416																
ML-5 Rep	12/11/1997	0:00	Mid	1.4	0.7	20.93	6.95	7.13	0.20	417	0.4	175	0.8	0.8	<0.01	0.03	<0.01	0.03	0.04	<0.01	0.94	0.98	0.21	1.04	1.4	0.7
ML-5 Rep	12/11/1997	0:00	Bottom	1.4	1.2	20.92	6.98	7.05	0.19	419																
MU-1	12/11/1997	0:00	Surface	2.0	0.2	20.97	6.67	6.17	0.06	131																
MU-1	12/11/1997	0:00	Mid	2.0	1.0	20.96	6.67	6.17	0.06	131	0.7	200	0.9	0.1	<0.01	0.03	<0.01	0.03	0.03	<0.01	0.66	0.69	0.23	1.56	0.7	0.7
MU-1	12/11/1997	0:00	Bottom	2.0	1.8	20.95	6.71	6.17	0.06	131																
MU-2	12/11/1997	0:00	Surface	1.7	0.2	20.97	6.71	6.34	0.06	137																
MU-2	12/11/1997	0:00	Mid	1.7	0.8	20.96	6.72	6.37	0.06	137	1.1	200	1.0	0.1	<0.01	0.03	<0.01	0.03	0.04	<0.01	0.87	0.91	0.23	0.95	0.7	0.7
MU-2	12/11/1997	0:00	Bottom	1.7	1.5	20.94	6.77	6.42	0.06	137																
MU-3	12/11/1997	0:00	Surface	2.2	0.2	20.92	6.74	6.44	0.07	141																
MU-3	12/11/1997	0:00	Mid	2.2	1.0	20.91	6.74	6.44	0.07	141	0.5	175	0.6	0.1	<0.01	0.02	0.05	0.07	0.03	0.06	1.79	1.82	0.24	0.87	0.7	0.7
MU-3	12/11/1997	0:00	Bottom	2.2	2.0	20.89	6.74	6.53	0.07	141																
MU-4	12/11/1997	0:00	Surface	1.7	0.2	20.87	6.84	6.46	0.08	160																
MU-4	12/11/1997	0:00	Mid	1.7	0.8	20.82	6.88	6.51	0.07	155	0.5	175	0.7	0.1	0.01	0.04	0.02	0.07	0.06	0.03	0.78	0.84	0.13	1.23	0.1	0.7
MU-4	12/11/1997	0:00	Bottom	1.7	1.5	20.80	6.94	6.58	0.07	148																
MU-5	12/11/1997	0:00	Surface	1.5	0.2	20.96	6.78	6.58	0.07	148																
MU-5	12/11/1997	0:00	Mid	1.5	0.7	20.61	6.79	6.56	0.07	144	0.5	200	0.9	0.6	<0.01	0.02	<0.01	0.02	0.02	0.02	1.11	1.13	0.22	0.90	1.5	0.7
MU-5	12/11/1997	0:00	Bottom	1.5	1.3	20.59	6.82	6.58	0.07	144																
Equip Blank	12/9/1997	0:00	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	NA
Equip Blank	12/10/1997	0:00	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	NA
Equip Blank	12/12/1997	0:00	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.1	NA	
Equip Blank	12/11/1997	0:00	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	0.1	<0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	NA

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
10-1	1/6/1997	0:00	6:45	Surface	3.0	0.2	20.74	7.63	7.24	31.39	48,069
10-1	1/6/1997	0:00	6:45	Mid	3.0	1.0	20.74	7.65	7.19	31.39	48,074
10-1	1/6/1997	0:00	6:45	Bottom	3.0	2.8	20.28	7.70	7.17	31.62	48,382
10-2	1/6/1997	0:00	7:15	Surface	2.7	0.2	20.75	7.67	7.20	31.40	48,056
10-2	1/6/1997	0:00	7:15	Mid	2.7	1.0	20.75	7.69	7.21	31.40	48,088
10-2	1/6/1997	0:00	7:15	Bottom	2.7	2.5	20.75	7.76	7.29	31.42	48,156
10-3	1/6/1997	0:00	7:00	Surface	3.1	0.2	20.19	7.65	7.20	31.31	48,365
10-3	1/6/1997	0:00	7:00	Mid	3.1	1.0	20.21	7.68	7.24	31.61	48,370
10-3	1/6/1997	0:00	7:00	Bottom	3.1	2.9	20.22	7.72	7.19	31.61	48,366
10-4	1/6/1997	0:00	8:05	Surface	4.7	0.2	20.22	7.67	7.09	31.41	48,088
10-4	1/6/1997	0:00	8:05	Mid	4.7	1.0	20.20	7.64	7.09	31.46	48,168
10-4	1/6/1997	0:00	8:05	Bottom	4.7	4.5	20.21	7.74	7.05	31.51	48,231
10-5	1/6/1997	0:00	7:55	Surface	2.4	0.2	20.34	7.66	7.07	31.30	47,936
10-5	1/6/1997	0:00	7:55	Mid	2.4	1.0	20.34	7.67	7.11	31.30	47,935
10-5	1/6/1997	0:00	7:55	Bottom	2.4	2.2	20.35	7.71	7.15	31.29	47,933
11-1	1/6/1997	0:00	6:40	Surface	3.1	0.2	21.30	7.60	6.98	31.27	47,917
11-1	1/6/1997	0:00	6:40	Mid	3.1	1.0	21.28	7.63	6.67	31.28	47,925
11-1	1/6/1997	0:00	6:40	Bottom	3.1	2.9	21.02	7.62	6.63	31.34	48,007
11-2	1/6/1997	0:00	6:25	Surface	1.6	0.2	20.75	7.55	6.52	30.54	46,899
11-2	1/6/1997	0:00	6:25	Mid	1.6	0.8	21.09	7.55	6.34	31.28	47,923
11-2	1/6/1997	0:00	6:25	Bottom	1.6	1.4	21.09	7.57	6.41	31.30	47,951
11-3	1/6/1997	0:00	6:15	Surface	2.9	0.2	20.87	7.57	7.13	31.25	47,882
11-3	1/6/1997	0:00	6:15	Mid	2.9	1.0	20.90	7.58	7.14	31.26	47,906
11-3	1/6/1997	0:00	6:15	Bottom	2.9	2.7	20.91	7.60	7.14	31.31	47,969
11-4	1/6/1997	0:00	7:25	Surface	3.2	0.2	20.55	7.65	6.99	31.31	47,955
11-4	1/6/1997	0:00	7:25	Mid	3.2	1.0	20.54	7.68	6.99	31.31	47,957
11-4	1/6/1997	0:00	7:25	Bottom	3.2	3.0	20.26	7.75	7.11	31.49	48,205
11-5	1/6/1997	0:00	7:45	Surface	2.1	0.2	21.43	7.57	6.26	29.20	45,077
11-5	1/6/1997	0:00	7:45	Mid	2.1	1.0	21.30	7.62	5.96	29.79	45,869
11-5	1/6/1997	0:00	7:45	Bottom	2.1	1.9	20.40	7.64	5.31	31.20	47,816
13-1	1/9/1997	0:00	6:00	Surface	1.5	0.2	22.13	7.58	6.64	29.44	45,401
13-1	1/9/1997	0:00	6:00	Mid	1.5	0.7	22.13	7.60	6.58	29.45	45,415
13-1	1/9/1997	0:00	6:00	Bottom	1.5	1.3	22.13	7.62	6.77	29.45	45,414
13-2	1/9/1997	0:00	6:05	Surface	1.4	0.2	22.17	7.50	6.21	29.10	44,939
13-2	1/9/1997	0:00	6:05	Mid	1.4	0.7	22.15	7.50	6.09	29.11	44,945
13-2	1/9/1997	0:00	6:05	Bottom	1.4	1.2	21.90	7.50	5.97	29.70	45,770
13-3	1/9/1997	0:00	6:15	Surface	1.2	0.2	22.40	7.55	6.21	28.55	44,174
13-3	1/9/1997	0:00	6:15	Mid	1.2	0.6	22.41	7.57	6.25	28.63	44,276
13-3	1/9/1997	0:00	6:15	Bottom	1.2	1.0	22.42	7.60	6.27	28.67	44,351
13-4	1/9/1997	0:00	6:35	Surface	1.0	0.2	22.31	7.61	6.04	28.84	44,580
13-4	1/9/1997	0:00	6:35	Mid	1.0	0.5	22.33	7.64	6.09	28.83	44,567
13-4	1/9/1997	0:00	6:35	Bottom	1.0	0.8	22.35	7.69	6.22	28.83	44,558
13-5	1/9/1997	0:00	6:55	Surface	2.0	0.2	22.51	7.62	6.56	28.74	44,443
13-5	1/9/1997	0:00	6:55	Mid	2.0	1.0	22.51	7.64	6.49	28.74	44,437
13-5	1/9/1997	0:00	6:55	Bottom	2.0	1.8	22.51	7.67	6.60	28.74	44,440
14-1	1/9/1997	0:00	7:00	Surface	2.0	0.2	22.49	7.63	6.48	28.67	44,349
14-1	1/9/1997	0:00	7:00	Mid	2.0	1.0	22.49	7.66	6.57	28.68	44,352
14-1	1/9/1997	0:00	7:00	Bottom	2.0	1.8	22.49	7.72	6.62	28.68	44,363
14-2	1/9/1997	0:00	7:05	Surface	1.7	0.2	22.56	7.63	6.54	28.88	44,631
14-2	1/9/1997	0:00	7:05	Mid	1.7	0.8	22.56	7.65	6.54	28.88	44,633

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
14-2	1/9/1997	0:00	7:05	Bottom	1.7	1.5	22.56	7.67	6.56	28.89	44,654
14-3	1/9/1997	0:00	7:10	Surface	1.6	0.2	22.57	7.56	5.67	29.48	45,480
14-3	1/9/1997	0:00	7:10	Mid	1.6	0.8	22.61	7.58	5.66	29.50	45,505
14-3	1/9/1997	0:00	7:10	Bottom	1.6	1.4	22.58	7.59	5.65	29.48	45,480
14-4	1/9/1997	0:00	7:20	Surface	2.4	0.2	22.43	7.62	6.11	30.30	46,589
14-4	1/9/1997	0:00	7:20	Mid	2.4	1.0	22.43	7.65	6.13	30.30	46,594
14-4	1/9/1997	0:00	7:20	Bottom	2.4	2.2	22.42	7.69	6.34	30.28	46,567
14-5	1/9/1997	0:00	7:25	Surface	1.5	0.2	22.14	7.61	6.65	30.84	47,329
14-5	1/9/1997	0:00	7:25	Mid	1.5	0.7	22.03	7.62	6.71	30.92	47,440
14-5	1/9/1997	0:00	7:25	Bottom	1.5	1.3	21.62	7.64	6.74	31.28	47,925
16-1	1/8/1997	0:00	6:30	Surface	4.2	0.2	22.20	7.55	6.52	30.80	47,286
16-1	1/8/1997	0:00	6:30	Mid	4.2	1.0	22.20	7.54	6.53	30.80	47,287
16-1	1/8/1997	0:00	6:30	Bottom	4.2	4.0	22.18	7.55	6.55	30.84	47,337
16-2	1/8/1997	0:00	6:45	Surface	3.6	0.2	22.13	7.57	6.46	30.81	47,299
16-2	1/8/1997	0:00	6:45	Mid	3.6	1.0	22.13	7.58	6.49	30.82	47,303
16-2	1/8/1997	0:00	6:45	Bottom	3.6	3.4	22.12	7.63	6.50	30.82	47,310
16-3	1/8/1997	0:00	6:55	Surface	1.1	0.2	22.07	7.54	6.34	30.86	47,364
16-3	1/8/1997	0:00	6:55	Mid	1.1	0.5	22.06	7.54	6.32	30.86	47,370
16-3	1/8/1997	0:00	6:55	Bottom	1.1	0.9	22.07	7.53	6.44	30.87	47,318
16-4	1/8/1997	0:00	7:10	Surface	2.4	0.2	21.93	7.55	6.30	30.97	47,502
16-4	1/8/1997	0:00	7:10	Mid	2.4	1.0	21.90	7.55	6.28	30.96	47,503
16-4	1/8/1997	0:00	7:10	Bottom	2.4	2.2	21.60	7.56	6.17	31.14	47,737
16-5	1/8/1997	0:00	7:15	Surface	1.7	0.2	21.49	7.56	6.28	31.15	47,756
16-5	1/8/1997	0:00	7:15	Mid	1.7	0.8	21.46	7.56	6.28	31.16	47,768
16-5	1/8/1997	0:00	7:15	Bottom	1.7	1.5	21.46	7.56	6.31	31.17	47,772
LB-1	1/8/1997	0:00	7:50	Surface	3.1	0.2	23.13	7.46	5.24	28.63	44,284
LB-1	1/8/1997	0:00	7:50	Mid	3.1	1.0	23.26	7.50	5.19	29.13	45,003
LB-1	1/8/1997	0:00	7:50	Bottom	3.1	2.9	23.28	7.48	5.16	29.11	44,970
LB-2	1/8/1997	0:00	8:00	Surface	2.8	0.2	23.21	7.66	5.97	29.38	45,342
LB-2	1/8/1997	0:00	8:00	Mid	2.8	1.0	23.21	7.67	5.92	29.38	45,351
LB-2	1/8/1997	0:00	8:00	Bottom	2.8	2.6	23.23	7.69	5.88	29.37	45,334
LB-3	1/8/1997	0:00	8:10	Surface	2.0	0.2	23.15	7.69	6.17	29.34	45,355
LB-3	1/8/1997	0:00	8:10	Mid	2.0	1.0	23.15	7.69	6.19	29.42	45,395
LB-3	1/8/1997	0:00	8:10	Bottom	2.0	1.8	23.27	7.74	6.25	29.54	45,560
LB-4	1/8/1997	0:00	8:25	Surface	1.2	0.2	23.28	7.83	7.59	30.19	46,395
LB-4	1/8/1997	0:00	8:25	Mid	1.2	0.6	23.25	7.82	7.05	30.15	46,412
LB-4	1/8/1997	0:00	8:25	Bottom	1.2	1.0	23.12	7.79	6.29	30.18	46,439
LB-5	1/8/1997	0:00	8:40	Surface	1.6	0.2	23.28	7.86	7.36	30.59	47,155
LB-5	1/8/1997	0:00	8:40	Mid	1.6	0.8	23.29	7.88	7.27	30.68	47,194
LB-5	1/8/1997	0:00	8:40	Bottom	1.6	1.4	23.28	7.90	7.39	30.68	47,145
ML-1	1/7/1997	0:00	7:55	Surface	1.6	0.2	22.78	7.11	5.80	10.51	17,920
ML-1	1/7/1997	0:00	7:55	Mid	1.6	0.8	22.78	7.13	5.83	10.62	17,960
ML-1	1/7/1997	0:00	7:55	Bottom	1.6	1.4	22.76	7.16	5.85	10.66	18,007
ML-2	1/7/1997	0:00	7:55	Surface	1.3	0.2	22.77	7.08	5.78	11.05	18,631
ML-2	1/7/1997	0:00	7:55	Mid	1.3	0.6	22.69	7.07	5.37	11.53	19,380
ML-2	1/7/1997	0:00	7:55	Bottom	1.3	1.1	22.67	7.05	4.96	11.59	19,459
ML-3	1/7/1997	0:00	8:05	Surface	0.7	0.2	22.90	7.15	5.88	12.02	20,119
ML-3	1/7/1997	0:00	8:05	Mid	0.7	0.3	23.05	7.16	5.83	13.02	21,647
ML-3	1/7/1997	0:00	8:05	Bottom	0.7	0.5	23.28	7.18	5.74	14.01	23,150
ML-4	1/7/1997	0:00	8:10	Surface	4.5	0.2	22.81	7.16	6.05	12.00	20,019

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
ML-4	1/7/1997	0:00	8:10	Mid	4.5	1.0	22.85	7.19	6.08	12.18	20,367
ML-4	1/7/1997	0:00	8:10	Bottom	4.5	4.3	22.93	7.23	6.08	12.39	20,733
ML-5	1/7/1997	0:00	8:20	Surface	1.4	0.2	23.05	7.28	6.42	13.18	21,897
ML-5	1/7/1997	0:00	8:20	Mid	1.4	0.7	23.05	7.30	6.57	13.18	21,895
ML-5	1/7/1997	0:00	8:20	Bottom	1.4	1.2	23.03	7.33	6.81	13.17	21,893
MU-1	1/7/1997	0:00	6:55	Surface	2.0	0.2	21.89	7.21	6.13	0.35	715
MU-1	1/7/1997	0:00	6:55	Mid	2.0	1.0	21.88	7.22	6.16	0.35	728
MU-1	1/7/1997	0:00	6:55	Bottom	2.0	1.8	21.89	7.23	6.21	0.36	730
MU-2	1/7/1997	0:00	7:05	Surface	2.8	0.2	22.54	7.12	6.19	1.19	2,322
MU-2	1/7/1997	0:00	7:05	Mid	2.8	1.0	22.55	7.11	6.19	1.27	2,458
MU-2	1/7/1997	0:00	7:05	Bottom	2.8	2.6	22.55	7.10	6.17	1.28	2,500
MU-3	1/7/1997	0:00	7:15	Surface	2.4	0.2	22.92	7.07	6.30	3.67	6,694
MU-3	1/7/1997	0:00	7:15	Mid	2.4	1.0	22.93	7.07	6.29	3.69	6,735
MU-3	1/7/1997	0:00	7:15	Bottom	2.4	2.2	22.93	7.09	6.22	3.70	6,751
MU-4	1/7/1997	0:00	7:30	Surface	0.9	0.2	22.66	7.02	5.78	6.88	12,015
MU-4	1/7/1997	0:00	7:30	Mid	0.9	0.4	22.66	7.03	5.78	6.87	12,008
MU-4	1/7/1997	0:00	7:30	Bottom	0.9	0.7	22.67	7.04	5.79	6.87	12,006
MU-5	1/7/1997	0:00	7:40	Surface	1.7	0.2	22.69	7.03	5.67	8.46	14,560
MU-5	1/7/1997	0:00	7:40	Mid	1.7	0.8	22.69	7.04	5.67	8.47	14,569
MU-5	1/7/1997	0:00	7:40	Bottom	1.7	1.5	22.68	7.06	5.70	8.48	14,591
10-1	2/13/1997	0:00	6:25	Surface	2.9	0.2	17.99	7.72	7.70	31.50	48,215
10-1	2/13/1997	0:00	6:25	Mid	2.9	1.0	18.00	7.73	7.52	31.51	48,324
10-1	2/13/1997	0:00	6:25	Bottom	2.9	2.7	18.01	7.74	7.63	31.52	48,339
10-2	2/13/1997	0:00	6:45	Surface	2.5	0.2	17.93	7.77	7.22	31.72	48,522
10-2	2/13/1997	0:00	6:45	Mid	2.5	1.0	17.94	7.80	7.19	31.73	48,525
10-2	2/13/1997	0:00	6:45	Bottom	2.5	2.3	17.94	7.83	7.16	31.73	48,535
10-3	2/13/1997	0:00	6:35	Surface	1.5	0.2	17.85	7.78	7.24	31.77	48,582
10-3	2/13/1997	0:00	6:35	Mid	1.5	0.7	17.86	7.81	7.34	31.77	48,588
10-3	2/13/1997	0:00	6:35	Bottom	1.5	1.3	17.87	7.85	7.55	31.77	48,590
10-4	2/13/1997	0:00	7:05	Surface	2.3	0.2	18.05	7.83	7.41	31.82	48,655
10-4	2/13/1997	0:00	7:05	Mid	2.3	1.0	18.06	7.88	7.40	31.82	48,659
10-4	2/13/1997	0:00	7:05	Bottom	2.3	2.1	18.08	7.93	7.69	31.84	48,678
10-5	2/13/1997	0:00	6:55	Surface	4.3	0.2	17.98	7.82	7.59	31.80	48,627
10-5	2/13/1997	0:00	6:55	Mid	4.3	1.0	17.98	7.85	7.42	31.81	48,631
10-5	2/13/1997	0:00	6:55	Bottom	4.3	4.1	17.98	7.93	7.67	31.82	48,653
11-1	2/13/1997	0:00	6:10	Surface	1.7	0.2	18.64	7.71	7.16	31.44	48,130
11-1	2/13/1997	0:00	6:10	Mid	1.7	0.8	18.63	7.71	7.06	31.44	48,135
11-1	2/13/1997	0:00	6:10	Bottom	1.7	1.5	18.64	7.71	6.72	31.45	48,141
11-2	2/13/1997	0:00	6:00	Surface	2.8	0.2	18.48	7.72	7.36	31.32	47,836
11-2	2/13/1997	0:00	6:00	Mid	2.8	1.0	18.34	7.76	7.39	31.56	48,300
11-2	2/13/1997	0:00	6:00	Bottom	2.8	2.6	18.33	7.79	7.34	31.56	48,300
11-3	2/13/1997	0:00	7:35	Surface	2.1	0.2	17.17	7.82	7.03	31.59	48,332
11-3	2/13/1997	0:00	7:35	Mid	2.1	1.0	18.17	7.84	7.00	31.59	48,337
11-3	2/13/1997	0:00	7:35	Bottom	2.1	1.9	18.17	7.83	7.10	31.58	48,331
11-4	2/13/1997	0:00	7:25	Surface	3.5	0.2	18.10	7.79	6.91	31.55	48,285
11-4	2/13/1997	0:00	7:25	Mid	3.5	1.0	18.09	7.82	6.97	31.56	48,296
11-4	2/13/1997	0:00	7:25	Bottom	3.5	3.3	18.04	7.85	6.91	31.56	48,297
11-5	2/13/1997	0:00	7:15	Surface	1.7	0.2	17.93	7.80	7.24	31.54	48,269
11-5	2/13/1997	0:00	7:15	Mid	1.7	0.8	17.94	7.82	7.01	31.55	48,283

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
11-5	2/13/1997	0:00	7:15	Bottom	1.7	1.5	17.99	7.85	6.95	31.63	48,394
13-1	2/10/1997	0:00	6:30	Surface	2.8	0.2	19.85	7.65	6.79	31.25	47,870
13-1	2/10/1997	0:00	6:30	Mid	2.8	1.0	19.85	7.67	6.75	31.30	47,937
13-1	2/10/1997	0:00	6:30	Bottom	2.8	2.6	19.84	7.70	6.72	31.33	47,978
13-2	2/10/1997	0:00	6:40	Surface	2.0	0.2	20.63	7.63	6.53	30.41	46,923
13-2	2/10/1997	0:00	6:40	Mid	2.0	1.0	20.49	7.67	6.59	30.72	47,148
13-2	2/10/1997	0:00	6:40	Bottom	2.0	1.8	20.37	7.72	6.61	30.90	47,399
13-3	2/10/1997	0:00	7:00	Surface	1.8	0.2	21.06	7.56	5.59	29.51	45,492
13-3	2/10/1997	0:00	7:00	Mid	1.8	0.9	21.06	7.56	5.55	29.52	45,502
13-3	2/10/1997	0:00	7:00	Bottom	1.8	1.6	21.07	7.57	5.50	29.53	45,514
13-4	2/10/1997	0:00	7:10	Surface	1.6	0.2	21.06	7.58	5.57	29.44	45,381
13-4	2/10/1997	0:00	7:10	Mid	1.6	0.8	21.10	7.59	5.51	29.44	45,400
13-4	2/10/1997	0:00	7:10	Bottom	1.6	1.4	21.09	7.60	5.65	29.45	45,402
13-5	2/10/1997	0:00	7:20	Surface	2.1	0.2	21.47	7.69	6.65	29.03	44,823
13-5	2/10/1997	0:00	7:20	Mid	2.1	1.0	21.46	7.68	6.31	29.13	44,969
13-5	2/10/1997	0:00	7:20	Bottom	2.1	1.9	21.34	7.65	5.61	29.62	45,632
14-1	2/10/1997	0:00	7:25	Surface	1.7	0.2	21.71	7.70	6.42	28.90	44,660
14-1	2/10/1997	0:00	7:25	Mid	1.7	0.8	21.76	7.70	6.40	28.91	44,666
14-1	2/10/1997	0:00	7:25	Bottom	1.7	1.5	21.74	7.70	6.34	28.91	44,663
14-2	2/10/1997	0:00	7:35	Surface	3.2	0.2	21.43	7.84	7.03	28.91	44,669
14-2	2/10/1997	0:00	7:35	Mid	3.2	1.0	21.46	7.86	7.04	28.92	44,679
14-2	2/10/1997	0:00	7:35	Bottom	3.2	3.0	21.49	7.89	7.11	28.94	44,700
14-3	2/10/1997	0:00	7:45	Surface	2.2	0.2	21.18	7.85	6.95	28.83	44,540
14-3	2/10/1997	0:00	7:45	Mid	2.2	1.0	21.19	7.85	7.03	28.87	44,547
14-3	2/10/1997	0:00	7:45	Bottom	2.2	2.0	21.16	7.86	7.07	28.85	44,567
14-4	2/10/1997	0:00	7:55	Surface	1.7	0.2	21.19	7.77	6.67	29.30	45,206
14-4	2/10/1997	0:00	7:55	Mid	1.7	0.8	21.24	7.77	6.44	29.36	45,272
14-4	2/10/1997	0:00	7:55	Bottom	1.7	1.5	21.56	7.65	5.96	29.97	46,142
14-5	2/10/1997	0:00	8:05	Surface	4.0	0.2	20.97	7.77	6.53	29.48	45,448
14-5	2/10/1997	0:00	8:05	Mid	4.0	1.0	21.00	7.77	6.40	29.53	45,510
14-5	2/10/1997	0:00	8:05	Bottom	4.0	3.8	21.23	7.68	5.99	30.54	46,913
16-1	2/11/1997	0:00	6:30	Surface	1.5	0.2	18.57	7.71	5.72	29.61	45,616
16-1	2/11/1997	0:00	6:30	Mid	1.5	0.7	18.58	7.72	5.75	29.62	45,618
16-1	2/11/1997	0:00	6:30	Bottom	1.5	1.3	18.59	7.75	5.83	29.63	45,629
16-2	2/11/1997	0:00	6:40	Surface	0.7	0.2	18.25	7.56	5.46	29.89	46,000
16-2	2/11/1997	0:00	6:40	Mid	0.7	0.3	18.27	7.57	5.53	29.89	46,000
16-2	2/11/1997	0:00	6:40	Bottom	0.7	0.5	18.22	7.58	5.42	29.86	45,950
16-3	2/11/1997	0:00	6:50	Surface	1.8	0.2	18.66	7.63	5.78	30.03	46,199
16-3	2/11/1997	0:00	6:50	Mid	1.8	0.9	18.66	7.63	5.79	30.24	46,493
16-3	2/11/1997	0:00	6:50	Bottom	1.8	1.6	18.67	7.64	5.79	30.35	46,635
16-4	2/11/1997	0:00	7:00	Surface	1.7	0.2	18.44	7.56	5.97	30.59	46,954
16-4	2/11/1997	0:00	7:00	Mid	1.7	0.8	18.45	7.55	5.92	30.59	46,961
16-4	2/11/1997	0:00	7:00	Bottom	1.7	1.5	18.41	7.54	5.78	30.60	46,971
16-5	2/11/1997	0:00	7:05	Surface	3.4	0.2	18.34	7.64	5.97	30.69	47,099
16-5	2/11/1997	0:00	7:05	Mid	3.4	1.0	18.34	7.65	6.26	30.60	47,102
16-5	2/11/1997	0:00	7:05	Bottom	3.4	3.2	18.34	7.67	6.01	30.69	47,105
LB-1	2/11/1997	0:00	7:50	Surface	0.9	0.2	18.71	7.46	5.70	28.88	44,600
LB-1	2/11/1997	0:00	7:50	Mid	0.9	0.4	18.72	7.46	5.71	28.92	44,657
LB-1	2/11/1997	0:00	7:50	Bottom	0.9	0.7	18.73	7.46	5.70	28.94	44,685
LB-2	2/11/1997	0:00	8:00	Surface	1.4	0.2	19.21	7.50	5.58	28.73	44,399

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
LB-2	2/11/1997	0:00	8:00	Mid	1.4	0.7	19.19	7.53	5.69	28.74	44,394
LB-2	2/11/1997	0:00	8:00	Bottom	1.4	1.2	18.45	7.60	5.96	28.79	44,423
LB-3	2/11/1997	0:00	8:05	Surface	1.9	0.2	18.85	7.59	5.30	29.08	44,876
LB-3	2/11/1997	0:00	8:05	Mid	1.9	0.9	19.07	7.64	5.36	29.28	45,155
LB-3	2/11/1997	0:00	8:05	Bottom	1.9	1.7	19.45	7.75	5.32	29.69	45,718
LB-4	2/11/1997	0:00	8:15	Surface	2.1	0.2	19.53	7.69	5.57	29.96	46,101
LB-4	2/11/1997	0:00	8:15	Mid	2.1	1.0	19.52	7.68	5.56	29.97	46,100
LB-4	2/11/1997	0:00	8:15	Bottom	2.1	1.9	19.63	7.69	5.52	30.02	46,171
LB-5	2/11/1997	0:00	8:25	Surface	1.6	0.2	19.09	7.80	5.55	30.06	46,235
LB-5	2/11/1997	0:00	8:25	Mid	1.6	0.8	19.08	7.84	5.56	30.10	46,289
LB-5	2/11/1997	0:00	8:25	Bottom	1.6	1.4	19.00	7.90	5.75	30.13	46,323
ML-1	2/12/1997	0:00	7:20	Surface	1.3	0.2	18.57	7.02	6.36	10.56	17,810
ML-1	2/12/1997	0:00	7:20	Mid	1.3	0.6	18.63	7.02	6.45	10.66	17,977
ML-1	2/12/1997	0:00	7:20	Bottom	1.3	1.1	18.62	7.01	5.99	10.74	18,099
ML-2	2/12/1997	0:00	7:30	Surface	0.6	0.2	18.07	7.18	7.77	12.43	21,100
ML-2	2/12/1997	0:00	7:30	Mid	0.6	0.3	18.45	7.19	7.34	12.66	21,261
ML-2	2/12/1997	0:00	7:30	Bottom	0.6	0.4	18.77	7.19	7.22	12.84	21,359
ML-3	2/12/1997	0:00	7:40	Surface	4.3	0.2	18.43	7.19	7.38	13.51	22,401
ML-3	2/12/1997	0:00	7:40	Mid	4.3	1.0	18.49	7.21	7.36	13.77	22,744
ML-3	2/12/1997	0:00	7:40	Bottom	4.3	4.1	18.50	7.23	7.38	13.96	23,027
ML-4	2/12/1997	0:00	8:00	Surface	0.6	0.2	18.08	7.24	7.46	14.25	23,461
ML-4	2/12/1997	0:00	8:00	Mid	0.6	0.3	18.10	7.27	7.41	14.26	23,483
ML-4	2/12/1997	0:00	8:00	Bottom	0.6	0.4	18.08	7.28	7.32	14.26	23,485
ML-5	2/12/1997	0:00	8:10	Surface	0.7	0.2	16.19	7.17	6.92	17.23	27,929
ML-5	2/12/1997	0:00	8:10	Mid	0.7	0.3	16.31	7.18	6.92	17.44	28,231
ML-5	2/12/1997	0:00	8:10	Bottom	0.7	0.5	16.27	7.20	6.93	17.44	28,239
MU-1	2/12/1997	0:00	6:25	Surface	2.5	0.2	19.31	6.88	6.28	0.21	424
MU-1	2/12/1997	0:00	6:25	Mid	2.5	1.0	19.31	6.87	6.30	0.21	419
MU-1	2/12/1997	0:00	6:25	Bottom	2.5	2.3	19.32	6.86	6.35	0.21	431
MU-2	2/12/1997	0:00	6:35	Surface	1.1	0.2	19.36	7.00	6.25	0.26	457
MU-2	2/12/1997	0:00	6:35	Mid	1.1	0.5	19.36	7.01	6.24	0.22	445
MU-2	2/12/1997	0:00	6:35	Bottom	1.1	0.9	19.38	7.04	6.36	0.22	448
MU-3	2/12/1997	0:00	6:50	Surface	1.1	0.2	19.26	6.84	6.40	1.64	3,122
MU-3	2/12/1997	0:00	6:50	Mid	1.1	0.5	19.24	6.86	6.53	1.63	3,103
MU-3	2/12/1997	0:00	6:50	Bottom	1.1	0.9	19.23	6.94	6.78	1.60	3,059
MU-4	2/12/1997	0:00	7:00	Surface	1.1	0.2	18.75	6.83	6.14	4.06	7,339
MU-4	2/12/1997	0:00	7:00	Mid	1.1	0.5	18.86	6.85	6.39	4.22	7,623
MU-4	2/12/1997	0:00	7:00	Bottom	1.1	0.9	18.85	6.89	6.37	4.24	7,649
MU-5	2/12/1997	0:00	7:10	Surface	1.4	0.2	18.65	6.96	6.45	8.57	14,677
MU-5	2/12/1997	0:00	7:10	Mid	1.4	0.7	18.87	6.97	6.46	8.88	15,221
MU-5	2/12/1997	0:00	7:10	Bottom	1.4	1.2	18.91	7.00	6.31	8.97	15,337
10-1	3/10/1997	0:00	6:40	Surface	3.4	0.2	23.46	7.71	6.59	32.03	48,996
10-1	3/10/1997	0:00	6:40	Mid	3.4	1.0	23.46	7.72	6.53	32.04	49,004
10-1	3/10/1997	0:00	6:40	Bottom	3.4	3.2	23.46	7.73	6.51	32.04	49,009
10-2	3/10/1997	0:00	6:50	Surface	1.5	0.2	23.38	7.78	6.72	32.16	49,166
10-2	3/10/1997	0:00	6:50	Mid	1.5	0.7	23.39	7.78	6.71	32.16	49,167
10-2	3/10/1997	0:00	6:50	Bottom	1.5	1.3	23.40	7.79	6.73	32.16	49,171
10-3	3/10/1997	0:00	7:00	Surface	4.0	0.2	23.35	7.76	6.41	32.15	49,159
10-3	3/10/1997	0:00	7:00	Mid	4.0	1.0	23.35	7.76	6.38	32.16	49,164

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)
10-3	3/10/1997	0:00	7:00	Bottom	4.0	3.8	23.33	7.78	6.21	49,166
10-4	3/10/1997	0:00	7:20	Surface	1.5	0.2	23.33	7.86	6.78	49,220
10-4	3/10/1997	0:00	7:20	Mid	1.5	0.7	23.33	7.88	6.68	49,222
10-4	3/10/1997	0:00	7:20	Bottom	1.5	1.3	23.35	7.92	6.70	49,222
10-5	3/10/1997	0:00	8:00	Surface	2.7	0.2	23.44	7.81	6.49	49,071
10-5	3/10/1997	0:00	8:00	Mid	2.7	1.0	23.44	7.84	6.36	49,089
10-5	3/10/1997	0:00	8:00	Bottom	2.7	2.5	23.38	7.87	6.19	49,124
11-1	3/10/1997	0:00	6:30	Surface	3.0	0.2	23.82	7.74	6.54	48,921
11-1	3/10/1997	0:00	6:30	Mid	3.0	1.0	23.83	7.73	6.49	48,925
11-1	3/10/1997	0:00	6:30	Bottom	3.0	2.8	23.83	7.72	6.44	48,924
11-2	3/10/1997	0:00	6:20	Surface	3.3	0.2	23.51	7.74	6.71	49,000
11-2	3/10/1997	0:00	6:20	Mid	3.3	1.0	23.51	7.75	6.71	49,008
11-2	3/10/1997	0:00	6:20	Bottom	3.3	3.1	23.52	7.74	6.76	49,021
11-3	3/10/1997	0:00	6:10	Surface	3.7	0.2	23.56	7.70	6.41	48,829
11-3	3/10/1997	0:00	6:10	Mid	3.7	1.0	23.58	7.71	6.40	48,844
11-3	3/10/1997	0:00	6:10	Bottom	3.7	3.5	23.59	7.72	6.42	48,873
11-4	3/10/1997	0:00	7:35	Surface	2.8	0.2	23.54	7.77	6.39	48,934
11-4	3/10/1997	0:00	7:35	Mid	2.8	1.0	23.54	7.81	6.42	48,941
11-4	3/10/1997	0:00	7:35	Bottom	2.8	2.6	23.50	7.83	6.39	48,952
11-5	3/10/1997	0:00	7:45	Surface	2.1	0.2	23.45	7.80	6.49	49,109
11-5	3/10/1997	0:00	7:45	Mid	2.1	1.0	23.46	7.82	6.45	49,097
11-5	3/10/1997	0:00	7:45	Bottom	2.1	1.9	23.45	7.86	6.40	49,096
13-1	3/11/1997	0:00	6:30	Surface	0.9	0.2	24.06	7.68	4.68	48,008
13-1	3/11/1997	0:00	6:30	Mid	0.9	0.4	24.05	7.67	4.60	48,036
13-1	3/11/1997	0:00	6:30	Bottom	0.9	0.7	24.05	7.66	4.67	48,030
13-2	3/11/1997	0:00	6:40	Surface	2.5	0.2	24.48	7.66	5.06	47,134
13-2	3/11/1997	0:00	6:40	Mid	2.5	1.0	24.48	7.68	5.12	47,139
13-2	3/11/1997	0:00	6:40	Bottom	2.5	2.3	24.48	7.73	5.40	47,123
13-3	3/11/1997	0:00	6:50	Surface	2.9	0.2	24.31	7.59	5.28	47,051
13-3	3/11/1997	0:00	6:50	Mid	2.9	1.0	24.31	7.57	5.01	47,191
13-3	3/11/1997	0:00	6:50	Bottom	2.9	2.7	24.32	7.58	4.84	47,218
13-4	3/11/1997	0:00	7:00	Surface	0.6	0.2	24.07	7.62	4.68	47,096
13-4	3/11/1997	0:00	7:00	Mid	0.6	0.3	24.07	7.64	4.51	47,093
13-4	3/11/1997	0:00	7:00	Bottom	0.6	0.4	24.07	7.66	4.62	47,087
13-5	3/11/1997	0:00	7:20	Surface	1.5	0.2	24.40	7.67	5.56	46,993
13-5	3/11/1997	0:00	7:20	Mid	1.5	0.7	24.41	7.67	5.70	46,993
13-5	3/11/1997	0:00	7:20	Bottom	1.5	1.3	24.41	7.70	5.64	47,007
14-1	3/11/1997	0:00	7:30	Surface	1.0	0.2	24.36	7.67	6.03	46,920
14-1	3/11/1997	0:00	7:30	Mid	1.0	0.5	24.28	7.71	5.84	46,960
14-1	3/11/1997	0:00	7:30	Bottom	1.0	0.8	24.25	7.79	6.02	47,976
14-2	3/11/1997	0:00	7:40	Surface	1.8	0.2	24.16	7.82	6.40	47,609
14-2	3/11/1997	0:00	7:40	Mid	1.8	0.9	24.20	7.85	6.19	47,727
14-2	3/11/1997	0:00	7:40	Bottom	1.8	1.6	24.30	7.82	4.91	47,830
14-3	3/11/1997	0:00	7:50	Surface	3.7	0.2	24.58	7.93	7.05	48,396
14-3	3/11/1997	0:00	7:50	Mid	3.7	1.0	24.60	7.95	6.39	48,398
14-3	3/11/1997	0:00	7:50	Bottom	3.7	3.5	24.29	7.97	5.85	48,368
14-4	3/11/1997	0:00	8:00	Surface	0.7	0.2	24.33	7.83	6.16	48,449
14-4	3/11/1997	0:00	8:00	Mid	0.7	0.3	24.33	7.84	6.10	48,450
14-4	3/11/1997	0:00	8:00	Bottom	0.7	0.5	24.30	7.83	5.76	48,880
14-5	3/11/1997	0:00	8:10	Surface	2.3	0.2	24.28	7.84	6.11	49,000

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
14-5	3/11/1997	0:00	8:10	Mid	2.3	1.0	24.26	7.85	6.47	32.03	49,017
14-5	3/11/1997	0:00	8:10	Bottom	2.3	2.1	24.26	7.87	6.07	32.03	49,016
16-1	3/12/1997	0:00	6:10	Surface	3.9	0.2	24.61	7.85	6.03	32.19	49,246
16-1	3/12/1997	0:00	6:10	Mid	3.9	1.0	24.60	7.85	5.97	32.20	49,255
16-1	3/12/1997	0:00	6:10	Bottom	3.9	3.7	24.52	7.86	5.88	32.20	49,260
16-2	3/12/1997	0:00	6:25	Surface	3.6	0.2	24.68	7.85	6.34	32.17	49,214
16-2	3/12/1997	0:00	6:25	Mid	3.6	1.0	24.68	7.86	6.24	32.17	49,215
16-2	3/12/1997	0:00	6:25	Bottom	3.6	3.4	24.68	7.87	6.20	32.17	49,218
16-3	3/12/1997	0:00	6:35	Surface	2.5	0.2	24.33	7.86	6.54	32.11	49,135
16-3	3/12/1997	0:00	6:35	Mid	2.5	1.0	24.33	7.85	6.32	32.17	49,205
16-3	3/12/1997	0:00	6:35	Bottom	2.5	2.3	24.33	7.85	6.37	32.17	49,211
16-4	3/12/1997	0:00	6:45	Surface	2.0	0.2	23.49	7.77	4.65	32.18	49,204
16-4	3/12/1997	0:00	6:45	Mid	2.0	1.0	23.48	7.77	4.62	32.19	49,211
16-4	3/12/1997	0:00	6:45	Bottom	2.0	1.8	23.48	7.79	4.49	32.19	49,207
16-5	3/12/1997	0:00	7:00	Surface	2.6	0.2	23.86	7.83	5.74	32.19	49,229
16-5	3/12/1997	0:00	7:00	Mid	2.6	1.0	23.86	7.85	5.83	32.19	49,217
16-5	3/12/1997	0:00	7:00	Bottom	2.6	2.4	23.86	7.89	5.90	31.87	48,823
LB-1	3/12/1997	0:00	7:30	Surface	1.2	0.2	24.71	7.65	5.48	30.48	46,888
LB-1	3/12/1997	0:00	7:30	Mid	1.2	0.6	24.69	7.67	5.46	30.48	46,908
LB-1	3/12/1997	0:00	7:30	Bottom	1.2	1.0	24.76	7.71	5.64	30.47	46,882
LB-2	3/12/1997	0:00	7:40	Surface	1.4	0.2	24.82	7.62	5.04	30.46	46,882
LB-2	3/12/1997	0:00	7:40	Mid	1.4	0.7	24.76	7.64	5.02	30.47	46,885
LB-2	3/12/1997	0:00	7:40	Bottom	1.4	1.2	24.73	7.68	5.27	30.46	46,878
LB-3	3/12/1997	0:00	7:50	Surface	1.1	0.2	24.03	7.71	4.42	31.21	47,885
LB-3	3/12/1997	0:00	7:50	Mid	1.1	0.5	23.91	7.75	4.27	31.25	47,936
LB-3	3/12/1997	0:00	7:50	Bottom	1.1	0.9	23.70	7.76	4.26	31.24	47,926
LB-4	3/12/1997	0:00	8:00	Surface	2.1	0.2	24.30	7.81	5.40	31.84	48,825
LB-4	3/12/1997	0:00	8:00	Mid	2.1	1.0	24.35	7.81	5.38	31.93	48,875
LB-4	3/12/1997	0:00	8:00	Bottom	2.1	1.9	24.44	7.82	5.33	31.98	48,963
LB-5	3/12/1997	0:00	8:10	Surface	3.2	0.2	24.37	7.92	6.12	32.29	49,371
LB-5	3/12/1997	0:00	8:10	Mid	3.2	1.0	24.35	7.94	6.11	32.29	49,373
LB-5	3/12/1997	0:00	8:10	Bottom	3.2	3.0	24.41	7.98	6.14	32.32	49,418
ML-1	3/13/1997	0:00	7:25	Surface	2.5	0.2	25.43	7.30	5.76	11.70	19,672
ML-1	3/13/1997	0:00	7:25	Mid	2.5	1.0	25.45	7.32	6.12	12.01	20,163
ML-1	3/13/1997	0:00	7:25	Bottom	2.5	2.3	25.55	7.34	5.97	12.35	20,677
ML-2	3/13/1997	0:00	7:35	Surface	1.6	0.2	25.65	7.38	6.29	13.84	22,951
ML-2	3/13/1997	0:00	7:35	Mid	1.6	0.8	25.67	7.38	6.35	13.87	22,990
ML-2	3/13/1997	0:00	7:35	Bottom	1.6	1.4	25.67	7.40	6.10	13.86	22,972
ML-3	3/13/1997	0:00	7:45	Surface	1.8	0.2	24.60	7.30	5.64	13.49	22,407
ML-3	3/13/1997	0:00	7:45	Mid	1.8	0.9	25.54	7.42	5.92	15.13	24,912
ML-3	3/13/1997	0:00	7:45	Bottom	1.8	1.6	25.67	7.43	6.12	15.55	25,539
ML-4	3/13/1997	0:00	7:55	Surface	1.5	0.2	25.24	7.45	6.16	16.18	26,468
ML-4	3/13/1997	0:00	7:55	Mid	1.5	0.7	25.28	7.47	6.16	16.46	26,886
ML-4	3/13/1997	0:00	7:55	Bottom	1.5	1.3	25.28	7.49	6.18	16.47	26,897
ML-5	3/13/1997	0:00	8:10	Surface	1.4	0.2	24.93	7.46	6.22	16.95	27,599
ML-5	3/13/1997	0:00	8:10	Mid	1.4	0.7	24.89	7.47	6.13	17.01	27,695
ML-5	3/13/1997	0:00	8:10	Bottom	1.4	1.2	24.88	7.48	6.12	17.02	27,706
MU-1	3/13/1997	0:00	6:20	Surface	1.9	0.2	25.08	7.27	5.75	0.24	497
MU-1	3/13/1997	0:00	6:20	Mid	1.9	0.9	25.08	7.29	5.75	0.24	498
MU-1	3/13/1997	0:00	6:20	Bottom	1.9	1.7	25.09	7.31	5.77	0.24	498

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
MU-2	3/13/1997	0:00	6:35	Surface	2.3	0.2	25.09	7.28	5.72	0.24	498
MU-2	3/13/1997	0:00	6:35	Mid	2.3	1.0	25.10	7.29	5.70	0.24	499
MU-2	3/13/1997	0:00	6:35	Bottom	2.3	2.1	25.10	7.29	5.69	0.24	499
MU-3	3/13/1997	0:00	6:50	Surface	2.0	0.2	25.55	7.23	5.58	0.63	1,272
MU-3	3/13/1997	0:00	6:50	Mid	2.0	1.0	25.57	7.24	5.71	0.64	1,291
MU-3	3/13/1997	0:00	6:50	Bottom	2.0	1.8	25.56	7.25	5.93	0.65	1,316
MU-4	3/13/1997	0:00	7:05	Surface	1.5	0.2	25.56	7.15	6.64	5.81	10,308
MU-4	3/13/1997	0:00	7:05	Mid	1.5	0.7	25.58	7.14	5.85	6.56	11,570
MU-4	3/13/1997	0:00	7:05	Bottom	1.5	1.3	25.56	7.13	5.81	6.58	11,562
MU-5	3/13/1997	0:00	7:15	Surface	2.1	0.2	25.66	7.27	5.90	9.45	16,187
MU-5	3/13/1997	0:00	7:15	Mid	2.1	1.0	25.65	7.28	6.09	9.87	16,835
MU-5	3/13/1997	0:00	7:15	Bottom	2.1	1.9	25.63	7.30	6.08	10.32	17,524
10-1	4/21/1997	0:00	6:45	Surface	2.4	0.2	21.35	7.75	6.54	32.40	49,463
10-1	4/21/1997	0:00	6:45	Mid	2.4	1.0	21.35	7.75	6.58	32.40	49,457
10-1	4/21/1997	0:00	6:45	Bottom	2.4	2.2	21.36	7.74	6.72	32.40	49,458
10-2	4/21/1997	0:00	7:10	Surface	3.1	0.2	21.35	7.76	6.37	32.13	49,094
10-2	4/21/1997	0:00	7:10	Mid	3.1	1.0	21.39	7.79	6.49	32.13	49,095
10-2	4/21/1997	0:00	7:10	Bottom	3.1	2.9	21.41	7.84	6.53	32.16	49,127
10-3	4/21/1997	0:00	7:00	Surface	3.4	0.2	21.40	7.76	6.22	32.34	49,375
10-3	4/21/1997	0:00	7:00	Mid	3.4	1.0	21.40	7.77	6.32	32.35	49,386
10-3	4/21/1997	0:00	7:00	Bottom	3.4	3.2	21.43	7.82	6.55	32.37	49,421
10-4	4/21/1997	0:00	7:20	Surface	1.9	0.2	21.39	7.77	6.54	32.05	48,984
10-4	4/21/1997	0:00	7:20	Mid	1.9	0.9	21.39	7.78	6.54	32.06	48,990
10-4	4/21/1997	0:00	7:20	Bottom	1.9	1.7	21.39	7.80	6.51	32.06	49,001
10-5	4/21/1997	0:00	7:30	Surface	1.9	0.2	21.77	7.81	6.57	32.14	49,105
10-5	4/21/1997	0:00	7:30	Mid	1.9	0.9	21.76	7.77	6.29	32.14	49,105
10-5	4/21/1997	0:00	7:30	Bottom	1.9	1.7	21.79	7.79	6.29	32.08	49,032
11-1	4/21/1997	0:00	6:30	Surface	3.2	0.2	21.40	7.75	7.01	32.52	49,621
11-1	4/21/1997	0:00	6:30	Mid	3.2	1.0	21.40	7.75	7.06	32.53	49,633
11-1	4/21/1997	0:00	6:30	Bottom	3.2	3.0	21.34	7.75	6.98	32.52	49,625
11-2	4/21/1997	0:00	6:20	Surface	3.4	0.2	21.42	7.72	7.05	32.36	49,411
11-2	4/21/1997	0:00	6:20	Mid	3.4	1.0	21.42	7.72	6.96	32.37	49,416
11-2	4/21/1997	0:00	6:20	Bottom	3.4	3.2	21.43	7.74	6.89	32.38	49,434
11-4	4/21/1997	0:00	7:55	Surface	1.5	0.2	21.72	7.81	6.30	32.16	49,134
11-4	4/21/1997	0:00	7:55	Mid	1.5	0.7	21.73	7.83	6.40	32.16	49,140
11-4	4/21/1997	0:00	7:55	Bottom	1.5	1.3	21.73	7.88	6.35	32.16	49,141
11-5	4/21/1997	0:00	7:45	Surface	2.8	0.2	21.99	7.87	6.44	32.10	49,054
11-5	4/21/1997	0:00	8:00	Surface	2.8	0.2	21.64	7.81	6.52	32.19	49,170
11-5	4/21/1997	0:00	7:45	Mid	2.8	1.0	21.98	7.82	6.41	32.10	49,062
11-5	4/21/1997	0:00	8:00	Mid	2.8	1.0	21.64	7.83	6.57	32.20	49,187
11-5	4/21/1997	0:00	7:45	Bottom	2.8	2.6	21.97	7.88	6.36	32.10	49,058
11-5	4/21/1997	0:00	8:00	Bottom	2.8	2.6	21.62	7.86	6.40	32.20	49,192
13-1	4/23/1997	0:00	8:00	Surface	1.5	0.2	24.25	7.93	5.78	29.30	45,400
13-1	4/23/1997	0:00	8:00	Mid	1.5	0.7	24.24	7.92	5.78	29.40	45,300
13-1	4/23/1997	0:00	8:00	Bottom	1.5	1.3	24.12	7.89	5.80	29.50	45,500
13-2	4/23/1997	0:00	7:50	Surface	1.1	0.2	24.62	7.89	5.17	28.10	43,700
13-2	4/23/1997	0:00	7:50	Mid	1.1	0.5	24.62	7.88	5.21	28.10	43,700
13-2	4/23/1997	0:00	7:50	Bottom	1.1	0.9	24.60	7.86	5.19	28.10	43,600
13-3	4/23/1997	0:00	7:40	Surface	2.6	0.2	24.56	7.99	5.39	28.10	43,700

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
13-3	4/23/1997	0:00	7:40	Mid	2.6	1.0	24.58	7.98	5.33	28.10	43,600
13-3	4/23/1997	0:00	7:40	Bottom	2.6	2.4	24.56	7.97	5.39	28.10	43,700
13-4	4/23/1997	0:00	7:30	Surface	4.2	0.2	24.66	7.97	5.75	28.20	43,800
13-4	4/23/1997	0:00	7:30	Mid	4.2	1.0	24.67	7.95	5.70	28.10	43,700
13-4	4/23/1997	0:00	7:30	Bottom	4.2	4.0	24.66	7.90	5.78	28.10	43,700
13-5	4/23/1997	0:00	7:20	Surface	1.7	0.2	24.78	7.98	6.06	28.20	43,800
13-5	4/23/1997	0:00	7:20	Mid	1.7	0.8	24.74	7.98	6.04	28.20	43,600
13-5	4/23/1997	0:00	7:20	Bottom	1.7	1.5	24.74	7.92	6.09	28.10	43,600
14-1	4/23/1997	0:00	7:10	Surface	3.6	0.2	24.60	8.12	6.82	28.10	43,600
14-1	4/23/1997	0:00	7:10	Mid	3.6	1.0	24.60	8.11	6.78	28.10	43,500
14-1	4/23/1997	0:00	7:10	Bottom	3.6	3.4	24.59	8.09	6.82	28.00	43,500
14-2	4/23/1997	0:00	7:00	Surface	1.8	0.2	24.51	8.06	6.60	28.00	43,500
14-2	4/23/1997	0:00	7:00	Mid	1.8	0.9	24.50	8.05	6.66	28.00	43,500
14-2	4/23/1997	0:00	7:00	Bottom	1.8	1.6	24.49	7.97	6.70	28.00	43,500
14-3	4/23/1997	0:00	6:50	Surface	1.0	0.2	24.64	8.11	6.17	28.10	43,700
14-3	4/23/1997	0:00	6:50	Mid	1.0	0.5	24.61	8.10	6.22	28.20	43,700
14-3	4/23/1997	0:00	6:50	Bottom	1.0	0.8	24.59	8.05	6.03	28.20	43,700
14-4	4/23/1997	0:00	6:40	Surface	1.5	0.2	24.43	8.16	6.07	28.20	43,700
14-4	4/23/1997	0:00	6:40	Mid	1.5	0.7	24.43	8.15	6.05	28.20	43,800
14-4	4/23/1997	0:00	6:40	Bottom	1.5	1.3	24.43	8.15	6.05	28.20	43,800
14-5	4/23/1997	0:00	6:30	Surface	3.7	0.2	24.68	8.00	5.78	29.10	45,000
14-5	4/23/1997	0:00	6:30	Mid	3.7	1.0	24.71	8.00	5.74	29.10	45,000
14-5	4/23/1997	0:00	6:30	Bottom	3.7	3.5	24.69	7.97	5.75	29.10	45,000
16-1	4/22/1997	0:00	7:00	Surface	3.7	0.2	22.44	7.78	5.89	31.01	47,586
16-1	4/22/1997	0:00	7:00	Mid	3.7	1.0	22.45	7.78	5.98	31.01	47,587
16-1	4/22/1997	0:00	7:00	Bottom	3.7	3.5	22.45	7.78	5.81	31.02	47,601
16-2	4/22/1997	0:00	7:10	Surface	2.5	0.2	23.03	8.35	5.51	29.10	45,000
16-2	4/22/1997	0:00	7:10	Mid	2.5	1.0	23.04	8.35	5.53	29.20	45,100
16-2	4/22/1997	0:00	7:10	Bottom	2.5	2.3	23.02	8.33	5.52	29.20	45,100
16-3	4/22/1997	0:00	7:20	Surface	1.8	0.2	23.01	8.37	5.76	29.30	45,300
16-3	4/22/1997	0:00	7:20	Mid	1.8	0.9	22.97	8.37	5.78	29.50	45,500
16-3	4/22/1997	0:00	7:20	Bottom	1.8	1.6	22.91	8.36	5.82	29.60	45,600
16-4	4/22/1997	0:00	7:30	Surface	2.9	0.2	22.63	8.37	5.71	29.90	46,100
16-4	4/22/1997	0:00	7:30	Mid	2.9	1.0	22.61	8.36	5.55	30.00	46,300
16-4	4/22/1997	0:00	7:30	Bottom	2.9	2.7	22.53	8.33	5.21	30.00	46,200
16-5	4/22/1997	0:00	7:40	Surface	4.2	0.2	22.54	8.37	5.74	30.20	46,500
16-5	4/22/1997	0:00	7:40	Mid	4.2	1.0	22.54	8.37	5.76	30.10	46,400
16-5	4/22/1997	0:00	7:40	Bottom	4.2	4.0	22.51	8.36	5.69	30.10	46,400
LB-1	4/22/1997	0:00	8:10	Surface	1.0	0.2	23.38	8.30	5.06	29.10	45,000
LB-1	4/22/1997	0:00	8:10	Mid	1.0	0.5	23.37	8.30	5.06	29.10	45,000
LB-1	4/22/1997	0:00	8:10	Bottom	1.0	0.8	23.37	8.30	5.01	29.10	45,000
LB-2	4/22/1997	0:00	8:25	Surface	1.2	0.2	23.23	8.42	5.81	29.20	45,100
LB-2	4/22/1997	0:00	8:25	Mid	1.2	0.6	23.24	8.41	5.85	29.30	45,200
LB-2	4/22/1997	0:00	8:25	Bottom	1.2	1.0	23.24	8.41	5.96	29.20	45,100
LB-3	4/22/1997	0:00	8:35	Surface	1.5	0.2	23.18	8.47	6.23	29.10	45,000
LB-3	4/22/1997	0:00	8:35	Mid	1.5	0.7	23.11	8.47	6.27	29.10	45,000
LB-3	4/22/1997	0:00	8:35	Bottom	1.5	1.3	23.07	8.47	6.30	29.10	45,000
LB-4	4/22/1997	0:00	8:45	Surface	1.7	0.2	22.68	8.52	5.42	29.20	45,100
LB-4	4/22/1997	0:00	8:45	Mid	1.7	0.8	22.66	8.52	5.48	29.20	45,100
LB-4	4/22/1997	0:00	8:45	Bottom	1.7	1.5	22.66	8.52	5.58	29.30	45,300

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
LB-5	4/22/1997	0:00	8:50	Surface	1.8	0.2	22.83	8.55	5.85	29.80	46,000
LB-5	4/22/1997	0:00	8:50	Mid	1.8	0.9	22.70	8.48	5.39	29.80	46,000
LB-5	4/22/1997	0:00	8:50	Bottom	1.8	1.6	22.73	8.42	4.93	29.90	46,000
ML-1	4/24/1997	0:00	7:50	Surface	2.5	0.2	23.95	7.27	4.85	12.00	20,050
ML-1	4/24/1997	0:00	7:50	Mid	2.5	1.0	23.97	7.27	4.84	12.40	21,000
ML-1	4/24/1997	0:00	7:50	Bottom	2.5	2.3	24.12	7.24	4.16	13.80	23,000
ML-2	4/24/1997	0:00	8:00	Surface	4.3	0.2	23.73	7.44	5.17	12.90	22,000
ML-2	4/24/1997	0:00	8:00	Mid	4.3	1.0	23.56	7.44	5.25	13.00	22,000
ML-2	4/24/1997	0:00	8:00	Bottom	4.3	4.1	23.96	7.42	4.98	14.00	23,400
ML-3	4/24/1997	0:00	8:10	Surface	5.0	0.2	23.59	7.48	5.25	12.00	20,300
ML-3	4/24/1997	0:00	8:10	Mid	5.0	1.0	23.64	7.46	5.20	12.60	21,800
ML-3	4/24/1997	0:00	8:10	Bottom	5.0	4.8	23.97	7.45	5.04	14.00	23,500
ML-4	4/24/1997	0:00	8:20	Surface	0.8	0.2	24.05	7.43	5.05	13.60	22,800
ML-4	4/24/1997	0:00	8:20	Mid	0.8	0.4	24.06	7.44	5.09	13.70	23,000
ML-4	4/24/1997	0:00	8:20	Bottom	0.8	0.6	24.05	7.44	5.19	13.80	23,200
ML-5	4/24/1997	0:00	8:30	Surface	1.9	0.2	23.75	7.46	5.21	14.50	24,200
ML-5	4/24/1997	0:00	8:30	Mid	1.9	0.9	23.77	7.46	5.15	14.80	24,500
ML-5	4/24/1997	0:00	8:30	Bottom	1.9	1.7	23.77	7.46	5.17	14.80	24,600
MU-1	4/24/1997	0:00	7:00	Surface	2.0	0.2	24.10	7.27	5.83	0.30	1,620
MU-1	4/24/1997	0:00	7:00	Mid	2.0	1.0	24.13	7.26	5.83	0.40	1,650
MU-1	4/24/1997	0:00	7:00	Bottom	2.0	1.8	24.09	7.25	5.87	0.40	1,660
MU-2	4/24/1997	0:00	7:10	Surface	2.3	0.2	23.80	7.09	5.19	4.00	7,920
MU-2	4/24/1997	0:00	7:10	Mid	2.3	1.0	24.08	7.08	5.24	4.30	8,410
MU-2	4/24/1997	0:00	7:10	Bottom	2.3	2.1	24.04	7.07	5.25	4.40	8,480
MU-3	4/24/1997	0:00	7:20	Surface	3.0	0.2	23.87	7.09	5.25	5.90	10,980
MU-3	4/24/1997	0:00	7:20	Mid	3.0	1.0	23.93	7.07	5.21	6.00	11,050
MU-3	4/24/1997	0:00	7:20	Bottom	3.0	2.8	23.89	7.06	5.21	6.00	11,500
MU-4	4/24/1997	0:00	7:30	Surface	1.8	0.2	23.86	7.07	4.61	9.30	16,500
MU-4	4/24/1997	0:00	7:30	Mid	1.8	0.9	23.84	7.06	4.66	9.60	16,700
MU-4	4/24/1997	0:00	7:30	Bottom	1.8	1.6	23.86	7.03	4.68	9.60	16,700
MU-5	4/24/1997	0:00	7:40	Surface	1.8	0.2	23.83	7.19	4.68	10.40	18,100
MU-5	4/24/1997	0:00	7:40	Mid	1.8	0.9	23.91	7.20	4.75	10.80	18,400
MU-5	4/24/1997	0:00	7:40	Bottom	1.8	1.6	24.06	7.16	4.59	10.90	18,700
10-1	5/22/1997	0:00	6:25	Surface	2.3	0.2	27.39	8.07	5.99	33.10	50,400
10-1	5/22/1997	0:00	6:25	Mid	2.3	1.0	27.34	8.06	5.98	33.10	50,400
10-1	5/22/1997	0:00	6:25	Bottom	2.3	2.1	27.34	8.06	6.00	33.00	50,300
10-2	5/22/1997	0:00	6:45	Surface	3.9	0.2	27.00	8.00	5.29	33.10	50,400
10-2	5/22/1997	0:00	6:45	Mid	3.9	1.0	26.90	7.99	5.41	33.20	50,600
10-2	5/22/1997	0:00	6:45	Bottom	3.9	3.7	26.71	7.97	5.51	33.20	50,500
10-3	5/22/1997	0:00	6:35	Surface	3.0	0.2	27.39	8.06	5.84	33.00	50,300
10-3	5/22/1997	0:00	6:35	Mid	3.0	1.0	27.10	8.03	5.72	33.10	50,500
10-3	5/22/1997	0:00	6:35	Bottom	3.0	2.8	26.87	8.01	5.68	33.20	50,600
10-4	5/22/1997	0:00	7:00	Surface	3.5	0.2	27.91	8.06	5.11	33.00	50,400
10-4	5/22/1997	0:00	7:00	Mid	3.5	1.0	27.86	8.05	5.09	33.10	50,400
10-4	5/22/1997	0:00	7:00	Bottom	3.5	3.3	27.48	7.99	4.26	33.10	50,500
10-5	5/22/1997	0:00	7:20	Surface	3.1	0.2	27.97	8.07	5.96	32.70	51,000
10-5	5/22/1997	0:00	7:20	Mid	3.1	1.0	27.96	8.06	5.98	32.70	51,000
10-5	5/22/1997	0:00	7:20	Bottom	3.1	2.9	27.21	8.05	5.71	33.10	52,000
11-1	5/22/1997	0:00	6:15	Surface	3.7	0.2	27.90	8.04	6.24	32.60	49,900

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)
11-1	5/22/1997	0:00	6:15	Mid	3.7	1.0	27.91	8.04	6.30	49,900
11-1	5/22/1997	0:00	6:15	Bottom	3.7	3.5	27.85	8.07	6.24	49,700
11-2	5/22/1997	0:00	7:45	Surface	3.1	0.2	27.67	8.07	5.99	52,000
11-2	5/22/1997	0:00	7:45	Mid	3.1	1.0	27.66	8.06	5.97	51,000
11-2	5/22/1997	0:00	7:45	Bottom	3.1	2.9	27.62	8.06	5.95	52,000
11-3	5/22/1997	0:00	8:00	Surface	3.1	0.2	28.06	8.07	6.25	49,700
11-3	5/22/1997	0:00	8:00	Mid	3.1	1.0	28.03	8.07	6.14	49,500
11-3	5/22/1997	0:00	8:00	Bottom	3.1	2.9	27.25	8.02	5.28	56,000
11-4	5/22/1997	0:00	7:10	Surface	3.5	0.2	28.17	8.07	6.18	49,800
11-4	5/22/1997	0:00	7:10	Mid	3.5	1.0	28.18	8.06	6.20	49,900
11-4	5/22/1997	0:00	7:10	Bottom	3.5	3.3	28.25	8.03	5.64	51,000
11-5	5/22/1997	0:00	7:30	Surface	2.0	0.2	28.39	8.04	5.47	48,000
11-5	5/22/1997	0:00	7:30	Mid	2.0	1.0	28.37	8.04	5.60	49,000
11-5	5/22/1997	0:00	7:30	Bottom	2.0	1.8	28.38	8.04	5.57	49,100
13-1	5/19/1997	0:00	6:10	Surface	1.7	0.2	26.51	7.98	5.03	43,300
13-1	5/19/1997	0:00	6:10	Mid	1.7	0.8	26.64	7.95	4.73	44,300
13-1	5/19/1997	0:00	6:10	Bottom	1.7	1.5	26.64	7.95	4.85	44,500
13-2	5/19/1997	0:00	6:25	Surface	1.7	0.2	26.41	7.96	4.89	41,300
13-2	5/19/1997	0:00	6:25	Mid	1.7	0.8	26.43	7.97	4.91	41,300
13-2	5/19/1997	0:00	6:25	Bottom	1.7	1.5	26.70	7.96	4.44	46,900
13-3	5/19/1997	0:00	6:35	Surface	1.5	0.2	26.60	7.85	4.53	32,300
13-3	5/19/1997	0:00	6:35	Mid	1.5	0.7	26.64	7.95	4.56	40,100
13-3	5/19/1997	0:00	6:35	Bottom	1.5	1.3	26.63	7.94	4.27	40,700
13-4	5/19/1997	0:00	6:45	Surface	3.7	0.2	26.69	8.04	4.97	40,400
13-4	5/19/1997	0:00	6:45	Mid	3.7	1.0	26.69	8.04	4.92	40,300
13-4	5/19/1997	0:00	6:45	Bottom	3.7	3.5	26.67	8.01	5.06	40,400
13-5	5/19/1997	0:00	7:00	Surface	2.0	0.2	26.41	8.14	5.91	40,000
13-5	5/19/1997	0:00	7:00	Mid	2.0	1.0	26.42	8.13	5.94	40,100
13-5	5/19/1997	0:00	7:00	Bottom	2.0	1.8	26.41	8.14	6.05	40,100
14-1	5/19/1997	0:00	7:20	Surface	2.0	0.2	26.60	8.10	5.50	40,500
14-1	5/19/1997	0:00	7:20	Mid	2.0	1.0	26.61	8.10	5.67	40,400
14-1	5/19/1997	0:00	7:20	Bottom	2.0	1.8	26.61	8.10	5.77	40,500
14-2	5/19/1997	0:00	7:30	Surface	1.5	0.2	26.45	8.28	6.24	40,900
14-2	5/19/1997	0:00	7:30	Mid	1.5	0.7	26.50	8.28	6.21	41,000
14-2	5/19/1997	0:00	7:30	Bottom	1.5	1.3	26.55	8.27	6.03	41,200
14-3	5/19/1997	0:00	7:40	Surface	3.3	0.2	26.16	8.31	5.98	40,800
14-3	5/19/1997	0:00	7:40	Mid	3.3	1.0	27.10	8.32	6.46	42,100
14-3	5/19/1997	0:00	7:40	Bottom	3.3	3.1	27.00	8.29	6.00	42,800
14-4	5/19/1997	0:00	7:50	Surface	2.6	0.2	26.15	8.33	6.15	42,500
14-4	5/19/1997	0:00	7:50	Mid	2.6	1.0	26.62	8.29	5.69	43,300
14-4	5/19/1997	0:00	7:50	Bottom	2.6	2.4	27.01	8.22	5.35	44,300
14-5	5/19/1997	0:00	8:00	Surface	3.5	0.2	26.49	8.24	5.34	44,300
14-5	5/19/1997	0:00	8:00	Mid	3.5	1.0	26.48	8.22	5.22	44,200
14-5	5/19/1997	0:00	8:00	Bottom	3.5	3.3	26.60	8.22	5.05	44,200
16-1	5/21/1997	0:00	6:00	Surface	1.7	0.2	28.51	8.14	5.68	45,700
16-1	5/21/1997	0:00	6:00	Mid	1.7	0.8	28.50	8.12	5.71	45,700
16-1	5/21/1997	0:00	6:00	Bottom	1.7	1.5	28.48	8.06	5.34	46,000
16-2	5/21/1997	0:00	6:10	Surface	1.4	0.2	28.51	8.17	5.78	46,900
16-2	5/21/1997	0:00	6:10	Mid	1.4	0.7	28.43	8.14	5.66	47,100
16-2	5/21/1997	0:00	6:10	Bottom	1.4	1.2	28.45	8.07	4.92	48,300

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
16-3	5/21/1997	0:00	6:20	Surface	2.0	0.2	28.25	8.14	6.02	31.50	48,200
16-3	5/21/1997	0:00	6:20	Mid	2.0	1.0	28.23	8.14	5.98	31.50	48,300
16-3	5/21/1997	0:00	6:20	Bottom	2.0	1.8	27.95	8.08	5.61	32.60	49,800
16-4	5/21/1997	0:00	6:30	Surface	4.1	0.2	28.08	8.17	5.92	31.30	48,000
16-4	5/21/1997	0:00	6:30	Mid	4.1	1.0	28.12	8.14	5.87	31.80	48,700
16-4	5/21/1997	0:00	6:30	Bottom	4.1	3.9	27.81	8.07	5.36	32.70	49,800
16-5	5/21/1997	0:00	6:40	Surface	2.6	0.2	27.88	8.16	5.88	31.40	48,200
16-5	5/21/1997	0:00	6:40	Mid	2.6	1.0	27.89	8.14	5.82	31.70	48,600
16-5	5/21/1997	0:00	6:40	Bottom	2.6	2.4	27.73	8.11	5.71	32.60	49,700
LB-1	5/21/1997	0:00	7:10	Surface	0.7	0.2	29.13	7.83	5.15	28.70	44,500
LB-1	5/21/1997	0:00	7:10	Mid	0.7	0.3	29.12	7.82	5.17	28.60	44,300
LB-1	5/21/1997	0:00	7:10	Bottom	0.7	0.5	29.06	7.83	5.21	28.70	44,600
LB-2	5/21/1997	0:00	7:20	Surface	1.1	0.2	28.62	8.07	5.33	30.30	46,700
LB-2	5/21/1997	0:00	7:20	Mid	1.1	0.5	28.67	8.06	5.41	30.30	46,600
LB-2	5/21/1997	0:00	7:20	Bottom	1.1	0.9	28.75	8.09	5.74	30.50	46,900
LB-3	5/21/1997	0:00	7:30	Surface	1.7	0.2	28.36	8.21	6.24	31.30	48,000
LB-3	5/21/1997	0:00	7:30	Mid	1.7	0.8	28.54	8.21	6.24	31.40	48,100
LB-3	5/21/1997	0:00	7:30	Bottom	1.7	1.5	28.55	8.19	6.05	31.50	48,200
LB-4	5/21/1997	0:00	7:40	Surface	0.7	0.2	28.17	8.21	5.30	32.10	49,100
LB-4	5/21/1997	0:00	7:40	Mid	0.7	0.3	28.18	8.22	5.30	32.10	49,100
LB-4	5/21/1997	0:00	7:40	Bottom	0.7	0.5	28.14	8.23	5.84	32.00	49,000
LB-5	5/21/1997	0:00	7:50	Surface	2.0	0.2	28.67	8.25	5.63	33.60	51,200
LB-5	5/21/1997	0:00	7:50	Mid	2.0	1.0	28.67	8.25	5.57	33.60	51,000
LB-5	5/21/1997	0:00	7:50	Bottom	2.0	1.8	28.60	8.24	5.57	33.60	51,100
ML-1	5/20/1997	0:00	7:30	Surface	2.0	0.2	27.13	7.05	4.26	0.40	1,690
ML-1	5/20/1997	0:00	7:30	Mid	2.0	1.0	27.14	7.08	4.27	0.40	1,700
ML-1	5/20/1997	0:00	7:30	Bottom	2.0	1.8	27.10	7.32	4.40	0.40	1,710
ML-2	5/20/1997	0:00	7:40	Surface	1.1	0.2	27.07	7.07	4.61	1.20	3,070
ML-2	5/20/1997	0:00	7:40	Mid	1.1	0.5	27.10	7.07	4.63	1.20	3,080
ML-2	5/20/1997	0:00	7:40	Bottom	1.1	0.9	27.10	7.09	4.68	1.20	3,110
ML-3	5/20/1997	0:00	7:50	Surface	0.8	0.2	27.17	7.11	4.78	1.60	3,860
ML-3	5/20/1997	0:00	7:50	Mid	0.8	0.4	27.23	7.11	4.79	2.10	4,750
ML-3	5/20/1997	0:00	7:50	Bottom	0.8	0.6	27.27	7.10	4.78	2.50	5,330
ML-4	5/20/1997	0:00	8:00	Surface	0.9	0.2	26.67	7.11	4.79	2.20	4,840
ML-4	5/20/1997	0:00	8:00	Mid	0.9	0.4	26.82	7.11	4.84	2.70	5,630
ML-4	5/20/1997	0:00	8:00	Bottom	0.9	0.7	26.77	7.08	4.80	4.60	8,870
ML-5	5/20/1997	0:00	8:10	Surface	1.3	0.2	27.03	7.19	5.27	5.00	9,480
ML-5	5/20/1997	0:00	8:10	Mid	1.3	0.6	27.02	7.18	5.25	5.00	9,520
ML-5	5/20/1997	0:00	8:10	Bottom	1.3	1.1	27.02	7.18	5.27	5.10	9,680
MU-1	5/20/1997	0:00	6:30	Surface	1.6	0.2	26.99	6.79	3.50	0.00	430
MU-1	5/20/1997	0:00	6:30	Mid	1.6	0.8	27.01	6.78	3.52	0.00	430
MU-1	5/20/1997	0:00	6:30	Bottom	1.6	1.4	26.99	6.75	3.62	0.00	430
MU-2	5/20/1997	0:00	6:40	Surface	1.6	0.2	27.14	6.80	3.35	0.00	425
MU-2	5/20/1997	0:00	6:40	Mid	1.6	0.8	27.15	6.91	3.37	0.00	424
MU-2	5/20/1997	0:00	6:40	Bottom	1.6	1.4	27.13	6.94	3.38	0.00	424
MU-3	5/20/1997	0:00	6:50	Surface	1.7	0.2	26.90	6.92	3.37	0.00	442
MU-3	5/20/1997	0:00	6:50	Mid	1.7	0.8	26.91	6.94	3.37	0.00	441
MU-3	5/20/1997	0:00	6:50	Bottom	1.7	1.5	26.91	6.98	3.39	0.00	442
MU-4	5/20/1997	0:00	7:00	Surface	1.3	0.2	27.07	6.93	3.68	0.00	539
MU-4	5/20/1997	0:00	7:00	Mid	1.3	0.6	27.08	6.93	3.67	0.00	538

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
MU-4	5/20/1997	0:00	7:00	Bottom	1.3	1.1	27.08	6.94	3.70	0.00	540
MU-5	5/20/1997	0:00	7:10	Surface	1.3	0.2	27.31	6.90	3.96	0.00	644
MU-5	5/20/1997	0:00	7:10	Mid	1.3	0.6	27.31	6.88	3.93	0.00	646
MU-5	5/20/1997	0:00	7:10	Bottom	1.3	1.1	27.28	6.87	4.05	0.00	645
10-1	6/17/1997	0:00	6:35	Surface	3.5	0.2	30.02	8.12	5.63	35.84	54,396
10-1	6/17/1997	0:00	6:35	Mid	3.5	1.0	30.02	8.12	5.62	35.84	54,391
10-1	6/17/1997	0:00	6:35	Bottom	3.5	3.3	30.03	8.11	5.63	35.85	54,404
10-2	6/17/1997	0:00	7:00	Surface	1.8	0.2	30.00	8.09	4.86	36.11	54,751
10-2	6/17/1997	0:00	7:00	Mid	1.8	0.9	29.98	8.09	4.81	36.10	54,736
10-2	6/17/1997	0:00	7:00	Bottom	1.8	1.6	29.98	8.09	4.78	36.09	54,731
10-3	6/17/1997	0:00	6:50	Surface	0.9	0.2	29.28	8.12	5.91	36.08	54,687
10-3	6/17/1997	0:00	6:50	Mid	0.9	0.4	29.28	8.11	5.91	36.07	54,672
10-3	6/17/1997	0:00	6:50	Bottom	0.9	0.7	29.28	8.12	5.91	36.07	54,675
10-4	6/17/1997	0:00	7:05	Surface	3.8	0.2	30.46	8.10	5.68	35.81	54,379
10-4	6/17/1997	0:00	7:05	Mid	3.8	1.0	30.47	8.10	5.67	35.81	54,333
10-4	6/17/1997	0:00	7:05	Bottom	3.8	3.6	30.44	8.10	5.68	35.81	54,370
10-5	6/17/1997	0:00	7:10	Surface	2.5	0.2	30.20	8.06	5.07	35.87	54,451
10-5	6/17/1997	0:00	7:10	Mid	2.5	1.0	30.26	8.06	4.97	35.86	54,435
10-5	6/17/1997	0:00	7:10	Bottom	2.5	2.3	30.25	8.03	5.04	34.36	52,507
11-1	6/17/1997	0:00	6:25	Surface	3.3	0.2	30.16	8.22	6.44	35.66	54,162
11-1	6/17/1997	0:00	6:25	Mid	3.3	1.0	30.16	8.22	6.40	35.66	54,165
11-1	6/17/1997	0:00	6:25	Bottom	3.3	3.1	30.16	8.21	6.33	35.66	54,165
11-2	6/17/1997	0:00	6:15	Surface	3.5	0.2	30.15	8.10	5.57	35.94	54,532
11-2	6/17/1997	0:00	6:15	Mid	3.5	1.0	30.15	8.10	5.58	35.94	54,544
11-2	6/17/1997	0:00	6:15	Bottom	3.5	3.3	30.14	8.08	5.57	35.94	54,533
11-3	6/17/1997	0:00	7:40	Surface	2.7	0.2	30.32	8.09	5.54	35.58	54,059
11-3	6/17/1997	0:00	7:40	Mid	2.7	1.0	30.32	8.08	5.55	35.58	54,063
11-3	6/17/1997	0:00	7:40	Bottom	2.7	2.5	30.31	8.08	5.66	35.58	54,065
11-4	6/17/1997	0:00	7:30	Surface	1.9	0.2	30.14	8.08	5.31	35.54	54,000
11-4	6/17/1997	0:00	7:30	Mid	1.9	0.9	30.15	8.07	5.26	35.55	54,008
11-4	6/17/1997	0:00	7:30	Bottom	1.9	1.7	30.12	8.07	5.30	35.54	53,991
11-5	6/17/1997	0:00	7:20	Surface	2.3	0.2	30.13	8.06	5.95	35.59	54,070
11-5	6/17/1997	0:00	7:20	Mid	2.3	1.0	30.17	8.06	4.88	35.63	54,121
11-5	6/17/1997	0:00	7:20	Bottom	2.3	2.1	30.18	8.06	4.87	35.60	54,077
13-1	6/18/1997	0:00	6:15	Surface	2.2	0.2	30.81	8.04	5.23	34.61	52,790
13-1	6/18/1997	0:00	6:15	Mid	2.2	1.0	30.87	8.05	5.39	34.82	53,056
13-1	6/18/1997	0:00	6:15	Bottom	2.2	2.0	30.90	8.06	5.70	34.97	53,260
13-2	6/18/1997	0:00	6:25	Surface	3.7	0.2	31.72	8.09	5.32	32.23	49,800
13-2	6/18/1997	0:00	6:25	Mid	3.7	1.0	31.75	8.05	5.35	33.14	50,824
13-2	6/18/1997	0:00	6:25	Bottom	3.7	3.5	31.50	8.04	5.43	34.29	53,080
13-3	6/18/1997	0:00	6:40	Surface	3.8	0.2	31.82	8.09	5.03	31.83	49,037
13-3	6/18/1997	0:00	6:40	Mid	3.8	1.0	31.83	8.09	5.26	31.85	49,071
13-3	6/18/1997	0:00	6:40	Bottom	3.8	3.6	31.75	8.09	5.30	31.86	49,096
13-4	6/18/1997	0:00	6:50	Surface	1.9	0.2	31.55	8.10	5.03	31.67	48,804
13-4	6/18/1997	0:00	6:50	Mid	1.9	0.9	31.57	8.09	5.04	31.67	48,802
13-4	6/18/1997	0:00	6:50	Bottom	1.9	1.7	31.57	8.09	4.95	31.67	48,808
13-5	6/18/1997	0:00	7:00	Surface	4.0	0.2	31.41	8.27	6.28	31.03	47,928
13-5	6/18/1997	0:00	7:00	Mid	4.0	1.0	31.53	8.32	6.07	31.17	48,118
13-5	6/18/1997	0:00	7:00	Bottom	4.0	3.8	31.77	8.19	5.44	31.62	48,774

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
14-1	6/18/1997	0:00	7:15	Surface	0.8	0.2	31.13	8.42	6.87	29.57	45,885
14-1	6/18/1997	0:00	7:15	Mid	0.8	0.4	31.38	8.40	6.32	29.62	45,960
14-1	6/18/1997	0:00	7:15	Bottom	0.8	0.6	31.37	8.35	5.10	30.28	46,830
14-2	6/18/1997	0:00	7:30	Surface	3.1	0.2	31.50	8.45	7.78	31.09	47,800
14-2	6/18/1997	0:00	7:30	Mid	3.1	1.0	31.50	8.44	7.79	31.15	48,080
14-2	6/18/1997	0:00	7:30	Bottom	3.1	2.9	31.45	8.42	7.46	31.16	48,113
14-3	6/18/1997	0:00	7:45	Surface	3.5	0.2	31.27	8.41	5.92	31.49	48,542
14-3	6/18/1997	0:00	7:45	Mid	3.5	1.0	31.26	8.41	5.98	31.44	48,482
14-3	6/18/1997	0:00	7:45	Bottom	3.5	3.3	31.31	8.40	5.88	31.27	48,395
14-4	6/18/1997	0:00	7:55	Surface	1.7	0.2	31.53	8.30	5.10	32.57	50,045
14-4	6/18/1997	0:00	7:55	Mid	1.7	0.8	31.54	8.30	4.66	32.61	50,103
14-4	6/18/1997	0:00	7:55	Bottom	1.7	1.5	31.51	8.29	4.60	32.62	50,107
14-5	6/18/1997	0:00	8:10	Surface	3.0	0.2	31.57	8.18	4.59	33.25	50,955
14-5	6/18/1997	0:00	8:10	Mid	3.0	1.0	31.60	8.18	4.61	32.30	51,042
14-5	6/18/1997	0:00	8:10	Bottom	3.0	2.8	31.56	8.18	4.63	33.34	51,090
16-1	6/16/1997	0:00	6:30	Surface	4.0	0.2	30.44	8.18	5.42	33.69	51,505
16-1	6/16/1997	0:00	6:30	Mid	4.0	1.0	30.45	8.18	5.44	33.76	51,599
16-1	6/16/1997	0:00	6:30	Bottom	4.0	3.8	30.46	8.17	5.49	33.76	51,615
16-2	6/16/1997	0:00	6:40	Surface	3.8	0.2	30.35	8.17	5.24	33.93	51,810
16-2	6/16/1997	0:00	6:40	Mid	3.8	1.0	30.35	8.16	5.19	33.98	51,900
16-2	6/16/1997	0:00	6:40	Bottom	3.8	3.6	30.34	8.16	5.17	33.98	51,902
16-3	6/16/1997	0:00	6:50	Surface	2.0	0.2	30.05	8.14	4.99	34.37	52,415
16-3	6/16/1997	0:00	6:50	Mid	2.0	1.0	30.12	8.13	4.96	34.63	52,772
16-3	6/16/1997	0:00	6:50	Bottom	2.0	1.8	30.11	8.13	4.94	34.69	52,844
16-4	6/16/1997	0:00	7:00	Surface	3.0	0.2	29.65	8.08	5.04	35.51	54,074
16-4	6/16/1997	0:00	7:00	Mid	3.0	1.0	29.66	8.08	5.02	35.61	54,075
16-4	6/16/1997	0:00	7:00	Bottom	3.0	2.8	29.67	8.07	5.00	35.60	54,056
16-5	6/16/1997	0:00	7:10	Surface	2.8	0.2	29.48	8.08	5.37	35.67	54,158
16-5	6/16/1997	0:00	7:10	Mid	2.8	1.0	29.45	8.09	5.37	35.88	54,411
16-5	6/16/1997	0:00	7:10	Bottom	2.8	2.6	29.43	8.09	5.35	35.89	54,429
LB-1	6/16/1997	0:00	7:50	Surface	3.0	0.2	31.12	8.02	5.77	33.04	50,661
LB-1	6/16/1997	0:00	7:50	Mid	3.0	1.0	31.11	8.02	5.76	33.05	50,670
LB-1	6/16/1997	0:00	7:50	Bottom	3.0	2.8	31.09	8.01	5.81	33.06	50,684
LB-2	6/16/1997	0:00	8:00	Surface	3.6	0.2	30.78	8.03	5.04	33.47	51,232
LB-2	6/16/1997	0:00	8:00	Mid	3.6	1.0	30.78	8.03	4.99	33.47	51,230
LB-2	6/16/1997	0:00	8:00	Bottom	3.6	3.4	30.79	8.00	4.89	33.48	51,255
LB-3	6/16/1997	0:00	8:10	Surface	1.9	0.2	30.33	8.18	5.25	34.41	52,474
LB-3	6/16/1997	0:00	8:10	Mid	1.9	0.9	30.35	8.18	5.19	34.41	52,476
LB-3	6/16/1997	0:00	8:10	Bottom	1.9	1.7	30.36	8.18	5.14	34.41	52,483
LB-4	6/16/1997	0:00	8:20	Surface	1.7	0.2	30.01	8.19	4.95	35.63	54,135
LB-4	6/16/1997	0:00	8:20	Mid	1.7	0.8	30.66	8.20	4.96	35.72	54,224
LB-4	6/16/1997	0:00	8:20	Bottom	1.7	1.5	30.11	8.21	4.92	35.77	54,285
LB-5	6/16/1997	0:00	8:30	Surface	2.0	0.2	29.96	8.16	5.19	37.38	56,460
LB-5	6/16/1997	0:00	8:30	Mid	2.0	1.0	29.91	8.17	5.18	37.38	56,452
LB-5	6/16/1997	0:00	8:30	Bottom	2.0	1.8	29.90	8.17	5.15	37.37	56,437
ML-1	6/19/1997	0:00	7:30	Surface	1.0	0.2	31.03	7.35	4.45	5.80	10,740
ML-1	6/19/1997	0:00	7:30	Mid	1.0	0.5	31.37	7.34	4.25	6.10	11,310
ML-1	6/19/1997	0:00	7:30	Bottom	1.0	0.8	31.45	7.31	3.92	6.50	11,880
ML-2	6/19/1997	0:00	7:35	Surface	1.8	0.2	31.23	7.37	4.15	6.30	11,550
ML-2	6/19/1997	0:00	7:35	Mid	1.8	0.9	31.28	7.37	4.05	6.40	11,780

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water	Sample	Water	pH	Dissolved	Salinity	Specific	
	(mm/dd/yy)	(24-hour)		Depth	Depth	Temperature		Oxygen			
				(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
ML-2	6/19/1997	0:00	7:35	Bottom	1.8	1.6	31.47	7.34	3.59	7.20	13,000
ML-3	6/19/1997	0:00	7:45	Surface	0.8	0.2	31.19	7.39	3.80	8.40	14,900
ML-3	6/19/1997	0:00	7:45	Mid	0.8	0.4	31.10	7.39	3.79	8.70	15,300
ML-3	6/19/1997	0:00	7:45	Bottom	0.8	0.6	31.05	7.39	3.79	9.20	16,000
ML-4	6/19/1997	0:00	7:55	Surface	1.8	0.2	30.96	7.40	4.08	7.50	13,360
ML-4	6/19/1997	0:00	7:55	Mid	1.8	0.9	30.97	7.37	3.57	9.50	16,600
ML-4	6/19/1997	0:00	7:55	Bottom	1.8	1.6	30.99	7.33	3.38	9.80	17,100
ML-5	6/19/1997	0:00	8:00	Surface	1.2	0.2	30.80	7.49	3.86	10.80	18,800
ML-5	6/19/1997	0:00	8:00	Mid	1.2	0.6	30.80	7.48	3.86	10.90	18,900
ML-5	6/19/1997	0:00	8:00	Bottom	1.2	1.0	30.79	7.47	3.86	11.00	18,900
MU-1	6/19/1997	0:00	6:30	Surface	1.6	0.2	30.83	7.18	4.12	0.00	432
MU-1	6/19/1997	0:00	6:30	Mid	1.6	0.8	30.83	7.17	4.02	0.00	431
MU-1	6/19/1997	0:00	6:30	Bottom	1.6	1.4	30.79	7.15	4.01	0.00	434
MU-2	6/19/1997	0:00	6:45	Surface	2.0	0.2	30.44	7.24	4.44	0.00	471
MU-2	6/19/1997	0:00	6:45	Mid	2.0	1.0	30.95	7.22	4.50	0.00	473
MU-2	6/19/1997	0:00	6:45	Bottom	2.0	1.8	30.99	7.19	4.46	0.00	475
MU-3	6/19/1997	0:00	7:00	Surface	2.2	0.2	30.77	7.16	4.37	0.80	2,320
MU-3	6/19/1997	0:00	7:00	Mid	2.2	1.0	30.94	7.14	4.45	0.80	2,330
MU-3	6/19/1997	0:00	7:00	Bottom	2.2	2.0	30.93	7.13	4.45	1.00	2,750
MU-4	6/19/1997	0:00	7:10	Surface	2.0	0.2	31.00	7.21	4.59	1.80	4,170
MU-4	6/19/1997	0:00	7:10	Mid	2.0	1.0	31.06	7.20	4.61	2.00	4,460
MU-4	6/19/1997	0:00	7:10	Bottom	2.0	1.8	31.13	7.19	4.53	2.10	4,590
MU-5	6/19/1997	0:00	7:20	Surface	1.8	0.2	31.06	7.29	4.44	4.30	8,450
MU-5	6/19/1997	0:00	7:20	Mid	1.8	0.9	31.29	7.28	4.29	5.00	9,560
MU-5	6/19/1997	0:00	7:20	Bottom	1.8	1.6	31.34	7.27	4.24	5.40	10,230
10-1	7/14/1997	0:00	6:00	Surface	2.0	0.2	31.00	8.17	5.73	36.45	55,270
10-1	7/14/1997	0:00	6:00	Mid	2.0	1.0	31.00	8.17	5.70	36.45	55,270
10-1	7/14/1997	0:00	6:00	Bottom	2.0	1.8	30.99	8.17	5.66	36.46	55,278
10-2	7/14/1997	0:00	6:20	Surface	3.5	0.2	31.42	8.16	5.18	36.23	54,988
10-2	7/14/1997	0:00	6:20	Mid	3.5	1.0	31.41	8.17	5.18	36.24	55,000
10-2	7/14/1997	0:00	6:20	Bottom	3.5	3.3	31.35	8.16	5.15	36.25	55,020
10-3	7/14/1997	0:00	6:10	Surface	4.9	0.2	31.06	8.17	5.78	36.44	55,256
10-3	7/14/1997	0:00	6:10	Mid	4.9	1.0	31.06	8.17	5.75	36.45	55,263
10-3	7/14/1997	0:00	6:10	Bottom	4.9	4.7	31.08	8.17	5.70	36.45	55,273
10-4	7/14/1997	0:00	6:30	Surface	5.4	0.2	31.56	8.13	5.20	36.06	54,772
10-4	7/14/1997	0:00	6:30	Mid	5.4	1.0	31.59	8.13	5.18	36.06	54,775
10-4	7/14/1997	0:00	6:30	Bottom	5.4	5.2	31.60	8.12	5.07	36.28	55,060
10-5	7/14/1997	0:00	7:10	Surface	1.0	0.2	30.78	8.08	3.80	35.65	54,176
10-5	7/14/1997	0:00	7:10	Mid	1.0	0.5	30.78	8.08	3.69	35.66	54,185
10-5	7/14/1997	0:00	7:10	Bottom	1.0	0.8	30.78	8.06	3.58	35.65	54,177
11-1	7/14/1997	0:00	5:50	Surface	3.5	0.2	31.37	8.18	6.08	35.40	53,975
11-1	7/14/1997	0:00	5:50	Mid	3.5	1.0	31.43	8.18	5.98	35.56	54,092
11-1	7/14/1997	0:00	5:50	Bottom	3.5	3.3	31.44	8.16	5.84	35.66	54,220
11-2	7/14/1997	0:00	5:40	Surface	3.5	0.2	31.39	8.17	5.80	35.60	54,125
11-2	7/14/1997	0:00	5:40	Mid	3.5	1.0	31.41	8.16	5.72	35.60	54,140
11-2	7/14/1997	0:00	5:40	Bottom	3.5	3.3	31.43	8.15	5.64	35.62	54,166
11-3	7/14/1997	0:00	6:40	Surface	3.8	0.2	31.47	8.14	5.35	35.64	54,143
11-3	7/14/1997	0:00	6:40	Mid	3.8	1.0	31.47	8.14	5.23	35.66	54,220
11-3	7/14/1997	0:00	6:40	Bottom	3.8	3.6	31.46	8.09	5.14	33.11	50,772

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
11-4	7/14/1997	0:00	6:50	Surface	2.0	0.2	31.84	8.12	5.09	35.98	54,637
11-4	7/14/1997	0:00	6:50	Mid	2.0	1.0	31.83	8.11	5.04	35.96	54,645
11-4	7/14/1997	0:00	6:50	Bottom	2.0	1.8	31.79	8.10	4.84	35.95	54,630
11-5	7/14/1997	0:00	7:00	Surface	2.6	0.2	31.44	8.13	5.67	34.43	52,555
11-5	7/14/1997	0:00	7:00	Mid	2.6	1.0	31.73	8.08	4.86	35.22	53,676
11-5	7/14/1997	0:00	7:00	Bottom	2.6	2.4	32.17	7.97	4.32	35.71	54,325
13-1	7/15/1997	0:00	6:15	Surface	1.9	0.2	30.01	8.01	4.53	31.17	48,049
13-1	7/15/1997	0:00	6:15	Mid	1.9	0.9	30.35	7.99	4.03	32.71	50,115
13-1	7/15/1997	0:00	6:15	Bottom	1.9	1.7	30.90	7.97	3.41	33.85	51,760
13-2	7/15/1997	0:00	6:25	Surface	1.6	0.2	30.44	7.98	3.78	30.40	47,686
13-2	7/15/1997	0:00	6:25	Mid	1.6	0.8	30.46	7.97	3.72	31.23	48,151
13-2	7/15/1997	0:00	6:25	Bottom	1.6	1.4	30.62	7.97	3.64	31.45	48,461
13-3	7/15/1997	0:00	6:40	Surface	3.5	0.2	30.71	7.93	3.34	30.27	46,870
13-3	7/15/1997	0:00	6:40	Mid	3.5	1.0	30.79	7.94	3.30	30.90	47,685
13-3	7/15/1997	0:00	6:40	Bottom	3.5	3.3	30.94	7.94	3.28	31.22	48,145
13-4	7/15/1997	0:00	6:55	Surface	2.0	0.2	30.73	7.87	2.56	28.81	44,810
13-4	7/15/1997	0:00	6:55	Mid	2.0	1.0	30.76	7.87	2.61	28.80	44,804
13-4	7/15/1997	0:00	6:55	Bottom	2.0	1.8	30.80	7.86	2.67	28.80	44,805
13-5	7/15/1997	0:00	7:05	Surface	3.0	0.2	30.94	7.89	2.58	28.78	44,788
13-5	7/15/1997	0:00	7:05	Mid	3.0	1.0	30.91	7.89	2.53	28.78	44,785
13-5	7/15/1997	0:00	7:05	Bottom	3.0	2.8	30.88	7.88	2.51	28.82	44,883
14-1	7/15/1997	0:00	7:15	Surface	2.2	0.2	30.60	8.03	3.90	29.56	45,851
14-1	7/15/1997	0:00	7:15	Mid	2.2	1.0	30.63	8.03	3.89	29.56	45,850
14-1	7/15/1997	0:00	7:15	Bottom	2.2	2.0	30.64	8.03	3.88	29.56	45,860
14-2	7/15/1997	0:00	7:25	Surface	1.3	0.2	30.91	8.29	4.51	30.81	47,595
14-2	7/15/1997	0:00	7:25	Mid	1.3	0.6	30.97	8.30	4.50	30.84	47,632
14-2	7/15/1997	0:00	7:25	Bottom	1.3	1.1	30.96	8.28	4.10	30.81	47,603
14-3	7/15/1997	0:00	7:35	Surface	3.4	0.2	29.24	8.25	4.34	29.44	45,632
14-3	7/15/1997	0:00	7:35	Mid	3.4	1.0	30.26	8.32	4.90	31.16	48,047
14-3	7/15/1997	0:00	7:35	Bottom	3.4	3.2	30.96	8.34	5.12	31.65	48,753
14-4	7/15/1997	0:00	7:45	Surface	1.8	0.2	30.57	8.30	4.76	32.32	49,646
14-4	7/15/1997	0:00	7:45	Mid	1.8	0.9	30.69	8.29	4.85	32.41	49,786
14-4	7/15/1997	0:00	7:45	Bottom	1.8	1.6	30.71	8.27	4.79	32.49	49,890
14-5	7/15/1997	0:00	8:00	Surface	1.3	0.2	30.34	8.09	3.51	33.59	51,372
14-5	7/15/1997	0:00	8:00	Mid	1.3	0.6	30.34	8.09	3.50	33.59	51,372
14-5	7/15/1997	0:00	8:00	Bottom	1.3	1.1	30.34	8.09	3.48	33.59	51,367
16-1	7/16/1997	0:00	6:45	Surface	3.5	0.2	30.62	8.15	4.89	33.71	51,546
16-1	7/16/1997	0:00	6:45	Mid	3.5	1.0	30.63	8.14	4.85	33.72	51,555
16-1	7/16/1997	0:00	6:45	Bottom	3.5	3.3	30.62	8.14	4.82	33.71	51,547
16-2	7/16/1997	0:00	6:55	Surface	1.7	0.2	30.11	8.14	4.90	33.99	51,907
16-2	7/16/1997	0:00	6:55	Mid	1.7	0.8	30.18	8.14	4.81	34.03	51,964
16-2	7/16/1997	0:00	6:55	Bottom	1.7	1.5	30.17	8.12	4.85	34.00	51,920
16-3	7/16/1997	0:00	7:10	Surface	1.5	0.2	30.54	8.08	4.35	34.82	53,039
16-3	7/16/1997	0:00	7:10	Mid	1.5	0.7	30.54	8.07	4.34	34.81	53,039
16-3	7/16/1997	0:00	7:10	Bottom	1.5	1.3	30.52	8.06	4.34	34.86	53,093
16-4	7/16/1997	0:00	7:20	Surface	1.8	0.2	30.58	8.09	4.79	34.19	52,201
16-4	7/16/1997	0:00	7:20	Mid	1.8	0.9	30.46	8.08	4.74	34.34	52,386
16-4	7/16/1997	0:00	7:20	Bottom	1.8	1.6	30.34	8.06	4.21	34.14	52,100
16-5	7/16/1997	0:00	7:30	Surface	4.0	0.2	30.64	8.12	5.32	35.39	53,819
16-5	7/16/1997	0:00	7:30	Mid	4.0	1.0	30.69	8.12	5.35	35.45	53,927

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
16-5	7/16/1997	0:00	7:30	Bottom	4.0	3.8	30.74	8.13	5.35	35.66	54,186
LB-1	7/16/1997	0:00	8:00	Surface	1.5	0.2	30.73	7.91	4.11	31.17	48,087
LB-1	7/16/1997	0:00	8:00	Mid	1.5	0.7	30.61	7.91	4.16	31.24	48,170
LB-1	7/16/1997	0:00	8:00	Bottom	1.5	1.3	30.62	7.80	4.76	29.83	45,687
LB-2	7/16/1997	0:00	8:10	Surface	3.5	0.2	30.64	8.10	4.76	32.21	49,509
LB-2	7/16/1997	0:00	8:10	Mid	3.5	1.0	30.65	8.10	4.71	32.35	49,698
LB-2	7/16/1997	0:00	8:10	Bottom	3.5	3.3	30.60	8.07	4.77	32.13	49,444
LB-3	7/16/1997	0:00	8:20	Surface	3.3	0.2	30.50	8.21	4.95	33.43	51,160
LB-3	7/16/1997	0:00	8:20	Mid	3.3	1.0	30.52	8.22	4.95	33.44	51,175
LB-3	7/16/1997	0:00	8:20	Bottom	3.3	3.1	30.82	8.11	4.66	34.35	52,422
LB-4	7/16/1997	0:00	8:30	Surface	1.4	0.2	29.79	8.42	5.15	35.14	53,442
LB-4	7/16/1997	0:00	8:30	Mid	1.4	0.7	29.84	8.47	5.78	35.33	53,699
LB-4	7/16/1997	0:00	8:30	Bottom	1.4	1.2	29.86	8.48	5.85	35.36	53,771
LB-5	7/16/1997	0:00	8:40	Surface	3.0	0.2	30.33	8.42	4.71	36.35	55,094
LB-5	7/16/1997	0:00	8:40	Mid	3.0	1.0	30.51	8.39	4.40	36.66	55,519
LB-5	7/16/1997	0:00	8:40	Bottom	3.0	2.8	30.51	8.38	4.45	36.66	55,516
ML-1	7/17/1997	0:00	7:00	Surface	3.4	0.2	28.76	6.70	4.44	0.76	1,519
ML-1	7/17/1997	0:00	7:00	Mid	3.4	1.0	28.76	6.42	4.45	0.75	1,499
ML-1	7/17/1997	0:00	7:00	Bottom	3.4	3.2	28.80	6.43	4.41	0.76	1,531
ML-2	7/17/1997	0:00	7:10	Surface	1.3	0.2	29.16	6.80	4.54	0.97	1,929
ML-2	7/17/1997	0:00	7:10	Mid	1.3	0.6	29.16	6.50	4.52	0.97	1,925
ML-2	7/17/1997	0:00	7:10	Bottom	1.3	1.1	29.16	6.96	4.50	0.97	1,926
ML-3	7/17/1997	0:00	7:20	Surface	1.0	0.2	28.88	7.25	4.62	1.08	2,138
ML-3	7/17/1997	0:00	7:20	Mid	1.0	0.5	28.88	7.26	4.58	1.08	2,137
ML-3	7/17/1997	0:00	7:20	Bottom	1.0	0.8	28.86	7.29	4.60	1.10	2,148
ML-4	7/17/1997	0:00	7:30	Surface	2.9	0.2	28.84	7.27	4.67	1.30	2,545
ML-4	7/17/1997	0:00	7:30	Mid	2.9	1.0	28.85	7.27	4.64	1.31	2,559
ML-4	7/17/1997	0:00	7:30	Bottom	2.9	2.7	28.96	7.27	4.60	1.46	2,838
ML-5	7/17/1997	0:00	7:45	Surface	0.8	0.2	28.53	7.36	4.97	3.11	5,782
ML-5	7/17/1997	0:00	7:45	Mid	0.8	0.4	28.53	7.07	4.96	3.12	5,792
ML-5	7/17/1997	0:00	7:45	Bottom	0.8	0.6	28.52	6.89	4.97	3.13	5,818
MU-1	7/17/1997	0:00	6:05	Surface	2.1	0.2	28.93	6.89	3.40	0.13	283
MU-1	7/17/1997	0:00	6:05	Mid	2.1	1.0	28.93	6.89	3.39	0.13	283
MU-1	7/17/1997	0:00	6:05	Bottom	2.1	1.9	28.92	6.56	3.40	0.13	284
MU-2	7/17/1997	0:00	6:15	Surface	2.6	0.2	29.00	6.81	3.44	0.14	295
MU-2	7/17/1997	0:00	6:15	Mid	2.6	1.0	28.99	6.74	3.45	0.14	295
MU-2	7/17/1997	0:00	6:15	Bottom	2.6	2.4	29.00	6.55	3.46	0.14	294
MU-3	7/17/1997	0:00	6:30	Surface	1.6	0.2	28.60	6.99	3.47	0.17	352
MU-3	7/17/1997	0:00	6:30	Mid	1.6	0.8	28.61	6.98	3.46	0.17	352
MU-3	7/17/1997	0:00	6:30	Bottom	1.6	1.4	28.62	6.97	3.49	0.17	352
MU-4	7/17/1997	0:00	6:40	Surface	2.1	0.2	28.74	7.02	4.06	0.23	480
MU-4	7/17/1997	0:00	6:40	Mid	2.1	1.0	28.76	6.83	4.03	0.23	483
MU-4	7/17/1997	0:00	6:40	Bottom	2.1	1.9	28.76	6.96	4.00	0.22	453
MU-5	7/17/1997	0:00	6:50	Surface	1.0	0.2	28.52	6.76	3.77	0.37	787
MU-5	7/17/1997	0:00	6:50	Mid	1.0	0.5	28.53	6.69	3.76	0.39	804
MU-5	7/17/1997	0:00	6:50	Bottom	1.0	0.8	28.51	6.53	3.78	0.32	667
10-1	8/21/1997	0:00	7:55	Surface	2.7	0.2	31.75	8.09	5.74	29.63	46,000
10-1	8/21/1997	0:00	7:55	Mid	2.7	1.0	31.75	8.09	5.76	29.63	45,998
10-1	8/21/1997	0:00	7:55	Bottom	2.7	2.5	31.72	8.09	5.93	29.61	45,970

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
10-2	8/21/1997	0:00	7:25	Surface	1.1	0.2	31.56	8.07	5.23	29.56	45,891
10-2	8/21/1997	0:00	7:25	Mid	1.1	0.5	31.56	8.07	5.20	29.53	45,889
10-2	8/21/1997	0:00	7:25	Bottom	1.1	0.9	31.57	8.07	5.16	29.53	45,886
10-3	8/21/1997	0:00	8:05	Surface	2.7	0.2	31.51	8.06	5.37	29.57	45,907
10-3	8/21/1997	0:00	8:05	Mid	2.7	1.0	31.56	8.05	5.35	29.58	45,927
10-3	8/21/1997	0:00	8:05	Bottom	2.7	2.5	31.56	8.04	5.35	29.61	45,974
10-4	8/21/1997	0:00	7:15	Surface	2.0	0.2	31.37	8.05	4.86	29.50	45,794
10-4	8/21/1997	0:00	7:15	Mid	2.0	1.0	31.36	8.04	4.82	29.50	45,805
10-4	8/21/1997	0:00	7:15	Bottom	2.0	1.8	31.37	8.04	4.80	29.50	45,801
10-5	8/21/1997	0:00	7:05	Surface	5.0	0.2	31.77	8.09	5.67	29.35	45,620
10-5	8/21/1997	0:00	7:05	Mid	5.0	1.0	31.77	8.09	5.67	29.33	45,586
10-5	8/21/1997	0:00	7:05	Bottom	5.0	4.8	31.82	8.07	5.80	29.21	46,380
11-1	8/21/1997	0:00	7:45	Surface	3.7	0.2	31.76	8.05	5.64	28.97	45,083
11-1	8/21/1997	0:00	7:45	Mid	3.7	1.0	31.76	8.05	5.63	28.97	45,080
11-1	8/21/1997	0:00	7:45	Bottom	3.7	3.5	31.77	8.05	5.58	28.96	45,078
11-2	8/21/1997	0:00	7:35	Surface	3.4	0.2	31.56	8.05	5.37	29.24	45,449
11-2	8/21/1997	0:00	7:35	Mid	3.4	1.0	31.57	8.05	5.34	29.24	45,455
11-2	8/21/1997	0:00	7:35	Bottom	3.4	3.2	31.58	8.05	5.32	29.24	45,456
11-3	8/21/1997	0:00	6:30	Surface	2.6	0.2	31.70	8.05	5.48	28.95	45,055
11-3	8/21/1997	0:00	6:30	Mid	2.6	1.0	31.70	8.05	5.49	28.95	45,055
11-3	8/21/1997	0:00	6:30	Bottom	2.6	2.4	31.69	8.04	5.48	28.96	45,069
11-4	8/21/1997	0:00	6:40	Surface	1.5	0.2	31.40	8.02	4.85	28.64	44,602
11-4	8/21/1997	0:00	6:40	Mid	1.5	0.7	31.50	8.04	4.92	28.92	44,993
11-4	8/21/1997	0:00	6:40	Bottom	1.5	1.3	31.54	8.05	4.90	29.05	45,182
11-5	8/21/1997	0:00	6:50	Surface	2.5	0.2	31.82	8.03	4.84	27.99	43,728
11-5	8/21/1997	0:00	6:50	Mid	2.5	1.0	31.88	8.04	4.80	28.12	43,921
11-5	8/21/1997	0:00	6:50	Bottom	2.5	2.3	31.94	8.03	4.78	29.14	45,329
13-1	8/18/1997	0:00	8:20	Surface	2.2	0.2	31.43	7.96	3.99	23.72	37,674
13-1	8/18/1997	0:00	8:20	Mid	2.2	1.0	31.54	7.98	3.93	24.30	38,485
13-1	8/18/1997	0:00	8:20	Bottom	2.2	2.0	32.09	7.96	3.79	26.63	41,830
13-2	8/18/1997	0:00	8:10	Surface	1.7	0.2	31.13	7.96	3.60	23.19	36,887
13-2	8/18/1997	0:00	8:10	Mid	1.7	0.8	31.35	7.94	3.45	24.51	38,781
13-2	8/18/1997	0:00	8:10	Bottom	1.7	1.5	32.23	7.91	2.48	26.50	41,649
13-3	8/18/1997	0:00	7:50	Surface	2.2	0.2	30.84	7.88	3.03	21.00	33,684
13-3	8/18/1997	0:00	7:50	Mid	2.2	1.0	31.21	7.92	2.94	22.72	36,236
13-3	8/18/1997	0:00	7:50	Bottom	2.2	2.0	31.45	7.95	2.94	23.18	36,894
13-4	8/18/1997	0:00	7:30	Surface	2.4	0.2	31.39	7.99	3.57	23.07	36,736
13-4	8/18/1997	0:00	7:30	Mid	2.4	1.0	31.22	7.96	3.27	23.07	36,737
13-4	8/18/1997	0:00	7:30	Bottom	2.4	2.2	31.06	7.92	2.98	23.04	36,673
13-5	8/18/1997	0:00	7:15	Surface	2.2	0.2	31.22	8.08	4.50	23.06	36,708
13-5	8/18/1997	0:00	7:15	Mid	2.2	1.0	31.26	8.10	4.50	23.16	36,858
13-5	8/18/1997	0:00	7:15	Bottom	2.2	2.0	31.26	8.10	4.50	23.17	36,880
14-1	8/18/1997	0:00	7:00	Surface	1.6	0.2	31.18	8.10	4.58	23.15	36,835
14-1	8/18/1997	0:00	7:00	Mid	1.6	0.8	31.19	8.10	4.57	23.15	36,842
14-1	8/18/1997	0:00	7:00	Bottom	1.6	1.4	31.17	8.11	4.58	23.16	36,858
14-2	8/18/1997	0:00	6:50	Surface	1.7	0.2	31.17	8.21	4.92	23.37	37,152
14-2	8/18/1997	0:00	6:50	Mid	1.7	0.8	31.18	8.18	4.71	23.40	37,225
14-2	8/18/1997	0:00	6:50	Bottom	1.7	1.5	31.25	8.19	4.72	23.44	37,250
14-3	8/18/1997	0:00	6:40	Surface	3.5	0.2	30.74	8.20	4.60	23.26	36,904
14-3	8/18/1997	0:00	6:40	Mid	3.5	1.0	30.55	8.20	3.99	23.67	37,552

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
14-3	8/18/1997	0:00	6:40	Bottom	3.5	3.3	31.85	8.18	4.26	26.07	41,032
14-4	8/18/1997	0:00	6:30	Surface	0.8	0.2	30.67	8.22	4.18	24.49	38,742
14-4	8/18/1997	0:00	6:30	Mid	0.8	0.4	30.63	8.21	4.05	24.63	38,898
14-4	8/18/1997	0:00	6:30	Bottom	0.8	0.6	31.13	8.16	3.68	25.39	40,033
14-5	8/18/1997	0:00	6:15	Surface	1.1	0.2	30.79	8.22	5.01	25.71	40,466
14-5	8/18/1997	0:00	6:15	Mid	1.1	0.5	30.84	8.22	4.80	25.71	40,481
14-5	8/18/1997	0:00	6:15	Bottom	1.1	0.9	30.93	8.16	3.92	25.77	40,524
16-1	8/19/1997	0:00	6:35	Surface	1.3	0.2	31.36	8.12	4.15	26.37	41,425
16-1	8/19/1997	0:00	6:35	Mid	1.3	0.6	31.37	8.12	4.14	26.37	41,422
16-1	8/19/1997	0:00	6:35	Bottom	1.3	1.1	31.35	8.12	4.13	26.36	41,417
16-2	8/19/1997	0:00	6:25	Surface	1.5	0.2	31.20	8.09	4.23	26.94	42,220
16-2	8/19/1997	0:00	6:25	Mid	1.5	0.7	31.25	8.10	4.27	26.94	42,218
16-2	8/19/1997	0:00	6:25	Bottom	1.5	1.3	31.29	8.10	4.33	26.94	42,218
16-3	8/19/1997	0:00	6:15	Surface	3.7	0.2	31.69	8.14	5.41	27.18	42,581
16-3	8/19/1997	0:00	6:15	Mid	3.7	1.0	31.86	8.14	5.39	27.32	42,780
16-3	8/19/1997	0:00	6:15	Bottom	3.7	3.5	32.02	8.09	5.22	28.50	44,444
16-4	8/19/1997	0:00	6:05	Surface	1.0	0.2	30.99	8.09	4.61	27.25	43,347
16-4	8/19/1997	0:00	6:05	Mid	1.0	0.5	30.98	8.09	4.64	27.76	43,359
16-4	8/19/1997	0:00	6:05	Bottom	1.0	0.8	31.11	8.09	4.70	27.74	43,340
16-5	8/19/1997	0:00	5:50	Surface	4.4	0.2	31.58	8.09	5.16	28.28	44,114
16-5	8/19/1997	0:00	5:50	Mid	4.4	1.0	31.69	8.08	5.17	28.29	44,135
16-5	8/19/1997	0:00	5:50	Bottom	4.4	4.2	31.60	8.07	5.18	28.30	44,150
LB-1	8/19/1997	0:00	7:30	Surface	3.4	0.2	31.55	8.01	4.27	25.14	39,690
LB-1	8/19/1997	0:00	7:30	Mid	3.4	1.0	31.66	8.05	4.73	25.29	39,900
LB-1	8/19/1997	0:00	7:30	Bottom	3.4	3.2	31.74	8.05	4.81	25.41	40,085
LB-2	8/19/1997	0:00	7:45	Surface	1.2	0.2	31.12	8.11	4.91	26.11	41,049
LB-2	8/19/1997	0:00	7:45	Mid	1.2	0.6	31.18	8.12	4.87	26.32	41,350
LB-2	8/19/1997	0:00	7:45	Bottom	1.2	1.0	31.30	8.12	4.84	26.52	41,637
LB-3	8/19/1997	0:00	8:00	Surface	1.2	0.2	30.45	8.22	5.23	27.46	42,930
LB-3	8/19/1997	0:00	8:00	Mid	1.2	0.6	30.64	8.34	4.96	27.55	43,093
LB-3	8/19/1997	0:00	8:00	Bottom	1.2	1.0	30.61	8.16	4.65	27.63	43,226
LB-4	8/19/1997	0:00	8:10	Surface	1.6	0.2	30.48	8.31	6.41	28.76	44,735
LB-4	8/19/1997	0:00	8:10	Mid	1.6	0.8	30.52	8.30	6.40	28.76	44,744
LB-4	8/19/1997	0:00	8:10	Bottom	1.6	1.4	31.01	8.10	5.35	29.07	45,206
LB-5	8/19/1997	0:00	8:20	Surface	1.6	0.2	30.79	8.23	4.68	29.23	45,402
LB-5	8/19/1997	0:00	8:20	Mid	1.6	0.8	30.80	8.23	4.39	29.26	45,436
LB-5	8/19/1997	0:00	8:20	Bottom	1.6	1.4	30.98	8.13	3.94	29.71	46,081
ML-1	8/20/1997	0:00	7:35	Surface	1.7	0.2	29.06	6.78	2.84	0.31	649
ML-1	8/20/1997	0:00	7:35	Mid	1.7	0.8	29.08	6.80	2.74	0.32	674
ML-1	8/20/1997	0:00	7:35	Bottom	1.7	1.5	29.20	6.78	2.73	0.48	984
ML-2	8/20/1997	0:00	7:45	Surface	2.0	0.2	29.23	6.82	3.00	0.23	491
ML-2	8/20/1997	0:00	7:45	Mid	2.0	1.0	29.23	6.82	2.98	0.23	492
ML-2	8/20/1997	0:00	7:45	Bottom	2.0	1.8	29.23	6.83	2.87	0.23	492
ML-3	8/20/1997	0:00	7:55	Surface	1.0	0.2	29.26	6.88	3.32	0.22	462
ML-3	8/20/1997	0:00	7:55	Mid	1.0	0.5	29.27	6.89	3.34	0.22	462
ML-3	8/20/1997	0:00	7:55	Bottom	1.0	0.8	29.27	6.92	3.38	0.22	461
ML-4	8/20/1997	0:00	8:05	Surface	3.0	0.2	29.14	6.95	3.52	0.22	460
ML-4	8/20/1997	0:00	8:05	Mid	3.0	1.0	29.13	6.96	3.51	0.21	443
ML-4	8/20/1997	0:00	8:05	Bottom	3.0	2.8	29.21	6.93	3.47	0.22	470
ML-5	8/20/1997	0:00	8:20	Surface	2.5	0.2	29.16	6.96	3.50	0.24	495

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water	Sample	Water	pH	Dissolved	Salinity	Specific	
	(mm/dd/yy)	(24-hour)		Depth	Depth	Temperature		Oxygen			
				(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
ML-5	8/20/1997	0:00	8:20	Mid	2.5	1.0	29.18	6.96	3.51	0.24	496
ML-5	8/20/1997	0:00	8:20	Bottom	2.5	2.3	29.16	7.04	3.51	0.24	497
MU-1	8/20/1997	0:00	6:20	Surface	2.3	0.2	29.26	6.69	2.64	0.08	167
MU-1	8/20/1997	0:00	6:20	Mid	2.3	1.0	29.26	6.70	2.69	0.08	167
MU-1	8/20/1997	0:00	6:20	Bottom	2.3	2.1	29.13	6.76	2.70	0.08	167
MU-2	8/20/1997	0:00	6:40	Surface	2.4	0.2	29.14	6.73	2.63	0.08	176
MU-2	8/20/1997	0:00	6:40	Mid	2.4	1.0	29.14	6.73	2.63	0.08	176
MU-2	8/20/1997	0:00	6:40	Bottom	2.4	2.2	29.13	6.74	2.65	0.08	176
MU-3	8/20/1997	0:00	6:55	Surface	1.7	0.2	29.03	6.74	2.61	0.08	185
MU-3	8/20/1997	0:00	6:55	Mid	1.7	0.8	29.02	6.74	2.62	0.08	185
MU-3	8/20/1997	0:00	6:55	Bottom	1.7	1.5	29.00	6.76	2.66	0.08	185
MU-4	8/20/1997	0:00	7:05	Surface	2.5	0.2	29.00	6.76	2.64	0.09	191
MU-4	8/20/1997	0:00	7:05	Mid	2.5	1.0	29.00	6.76	2.64	0.09	191
MU-4	8/20/1997	0:00	7:05	Bottom	2.5	2.3	28.97	6.77	2.70	0.09	191
MU-5	8/20/1997	0:00	7:20	Surface	1.3	0.2	29.14	6.77	2.80	0.10	220
MU-5	8/20/1997	0:00	7:20	Mid	1.3	0.6	29.14	6.78	2.81	0.10	220
MU-5	8/20/1997	0:00	7:20	Bottom	1.3	1.1	29.11	6.79	2.87	0.10	220
10-1	9/15/1997	0:00	6:55	Surface	3.1	0.2	28.85	8.11	6.06	29.60	45,825
10-1	9/15/1997	0:00	6:55	Mid	3.1	1.0	28.85	8.12	6.07	29.61	45,842
10-1	9/15/1997	0:00	6:55	Bottom	3.1	2.9	28.88	8.11	6.14	29.60	45,838
10-2	9/15/1997	0:00	7:15	Surface	2.0	0.2	28.84	8.11	5.59	29.66	45,920
10-2	9/15/1997	0:00	7:15	Mid	2.0	1.0	28.86	8.11	5.55	29.65	45,897
10-2	9/15/1997	0:00	7:15	Bottom	2.0	1.8	28.87	8.10	5.47	29.64	45,886
10-3	9/15/1997	0:00	7:05	Surface	3.8	0.2	28.66	8.09	5.63	29.62	45,854
10-3	9/15/1997	0:00	7:05	Mid	3.8	1.0	28.64	8.09	5.68	29.61	45,834
10-3	9/15/1997	0:00	7:05	Bottom	3.8	3.6	28.62	8.09	5.72	29.58	45,815
10-4	9/15/1997	0:00	7:25	Surface	3.2	0.2	29.28	8.09	5.45	29.46	45,656
10-4	9/15/1997	0:00	7:25	Mid	3.2	1.0	29.29	8.09	5.38	29.46	45,657
10-4	9/15/1997	0:00	7:25	Bottom	3.2	3.0	29.26	8.09	5.29	29.48	45,679
10-5	9/15/1997	0:00	7:55	Surface	2.7	0.2	28.96	8.04	5.11	29.06	45,092
10-5	9/15/1997	0:00	7:55	Mid	2.7	1.0	29.04	8.05	5.30	29.18	45,232
10-5	9/15/1997	0:00	7:55	Bottom	2.7	2.5	29.17	8.07	5.38	29.37	45,532
11-1	9/15/1997	0:00	6:45	Surface	3.6	0.2	28.96	8.20	6.78	29.68	45,948
11-1	9/15/1997	0:00	6:45	Mid	3.6	1.0	28.88	8.20	6.76	29.68	45,947
11-1	9/15/1997	0:00	6:45	Bottom	3.6	3.4	28.99	8.17	6.68	29.68	45,952
11-2	9/15/1997	0:00	6:30	Surface	3.1	0.2	29.23	8.14	6.30	29.44	45,628
11-2	9/15/1997	0:00	6:30	Mid	3.1	1.0	29.22	8.14	6.33	29.44	45,625
11-2	9/15/1997	0:00	6:30	Bottom	3.1	2.9	29.20	8.14	6.35	29.44	45,623
11-3	9/15/1997	0:00	6:15	Surface	3.1	0.2	29.20	8.14	6.40	29.31	45,442
11-3	9/15/1997	0:00	6:15	Mid	3.1	1.0	29.21	8.15	6.39	29.31	45,446
11-3	9/15/1997	0:00	6:15	Bottom	3.1	2.9	29.23	8.14	6.37	29.31	45,451
11-4	9/15/1997	0:00	7:35	Surface	1.6	0.2	29.20	8.10	5.81	29.19	45,273
11-4	9/15/1997	0:00	7:35	Mid	1.6	0.8	29.20	8.10	5.80	29.19	45,277
11-4	9/15/1997	0:00	7:35	Bottom	1.6	1.4	29.16	8.09	5.81	29.18	45,273
11-5	9/15/1997	0:00	7:45	Surface	2.7	0.2	29.05	8.07	5.43	27.91	43,495
11-5	9/15/1997	0:00	7:45	Mid	2.7	1.0	29.37	8.08	5.18	28.65	44,577
11-5	9/15/1997	0:00	7:45	Bottom	2.7	2.5	29.31	8.05	5.00	29.37	45,526
13-1	9/16/1997	0:00	6:45	Surface	1.8	0.2	29.55	8.07	5.22	27.00	42,279
13-1	9/16/1997	0:00	6:45	Mid	1.8	0.9	29.58	8.07	5.16	27.30	42,679

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
13-1	9/16/1997	0:00	6:45	Bottom	1.8	1.6	29.57	8.06	5.08	27.56	43,013
13-2	9/16/1997	0:00	7:00	Surface	2.8	0.2	29.55	8.07	4.93	25.39	40,000
13-2	9/16/1997	0:00	7:00	Mid	2.8	1.0	29.73	8.06	4.93	27.14	42,360
13-2	9/16/1997	0:00	7:00	Bottom	2.8	2.6	29.82	8.05	4.87	28.41	44,242
13-3	9/16/1997	0:00	7:20	Surface	3.7	0.2	29.49	8.11	5.39	25.72	40,433
13-3	9/16/1997	0:00	7:20	Mid	3.7	1.0	29.50	8.11	5.36	25.72	40,431
13-3	9/16/1997	0:00	7:20	Bottom	3.7	3.5	29.51	8.11	5.35	25.73	40,445
13-4	9/16/1997	0:00	7:35	Surface	4.4	0.2	29.41	8.16	5.92	25.63	40,290
13-4	9/16/1997	0:00	7:35	Mid	4.4	1.0	29.54	8.15	5.73	25.72	40,438
13-4	9/16/1997	0:00	7:35	Bottom	4.4	4.2	29.55	8.13	5.68	25.77	40,506
13-5	9/16/1997	0:00	7:50	Surface	3.7	0.2	29.33	8.20	6.54	25.23	40,090
13-5	9/16/1997	0:00	7:50	Mid	3.7	1.0	29.40	8.20	6.43	25.52	40,153
13-5	9/16/1997	0:00	7:50	Bottom	3.7	3.5	29.88	8.19	6.09	26.05	40,936
14-1	9/16/1997	0:00	8:00	Surface	2.1	0.2	29.28	8.25	7.04	25.39	39,943
14-1	9/16/1997	0:00	8:00	Mid	2.1	1.0	29.31	8.23	6.63	25.39	39,954
14-1	9/16/1997	0:00	8:00	Bottom	2.1	1.9	29.37	8.20	6.46	25.44	40,030
14-2	9/16/1997	0:00	8:05	Surface	1.7	0.2	28.77	8.21	5.90	24.41	38,553
14-2	9/16/1997	0:00	8:05	Mid	1.7	0.8	29.17	8.20	5.94	24.42	38,573
14-2	9/16/1997	0:00	8:05	Bottom	1.7	1.5	30.02	8.08	5.01	25.68	45,011
14-3	9/16/1997	0:00	8:10	Surface	3.1	0.2	28.59	8.22	5.94	24.67	38,915
14-3	9/16/1997	0:00	8:10	Mid	3.1	1.0	29.10	8.18	4.86	25.18	39,606
14-3	9/16/1997	0:00	8:10	Bottom	3.1	2.9	29.80	8.10	4.82	27.07	42,340
14-4	9/16/1997	0:00	8:15	Surface	1.2	0.2	28.82	8.28	6.43	25.91	40,680
14-4	9/16/1997	0:00	8:15	Mid	1.2	0.6	28.88	8.27	6.10	25.93	40,706
14-4	9/16/1997	0:00	8:15	Bottom	1.2	1.0	29.24	8.22	5.77	26.72	41,869
14-5	9/16/1997	0:00	8:20	Surface	3.7	0.2	29.35	8.26	6.21	26.54	41,582
14-5	9/16/1997	0:00	8:20	Mid	3.7	1.0	29.40	8.24	5.75	26.64	41,725
14-5	9/16/1997	0:00	8:20	Bottom	3.7	3.5	29.82	8.17	5.17	27.25	42,597
16-1	9/18/1997	0:00	6:45	Surface	3.6	0.2	28.67	8.11	3.95	26.85	41,997
16-1	9/18/1997	0:00	6:45	Mid	3.6	1.0	28.67	8.09	3.97	26.86	42,007
16-1	9/18/1997	0:00	6:45	Bottom	3.6	3.4	28.68	8.05	4.04	26.87	42,027
16-2	9/18/1997	0:00	7:00	Surface	3.2	0.2	28.65	8.08	3.82	26.86	42,004
16-2	9/18/1997	0:00	7:00	Mid	3.2	1.0	28.65	8.08	3.81	26.86	42,006
16-2	9/18/1997	0:00	7:00	Bottom	3.2	3.0	28.66	8.07	3.85	26.86	42,010
16-3	9/18/1997	0:00	7:10	Surface	3.2	0.2	28.60	8.09	5.14	28.34	44,072
16-3	9/18/1997	0:00	7:10	Mid	3.2	1.0	28.65	8.10	5.14	28.26	43,947
16-3	9/18/1997	0:00	7:10	Bottom	3.2	3.0	28.76	8.10	5.10	28.10	43,750
16-4	9/18/1997	0:00	7:20	Surface	3.2	0.2	28.76	8.09	4.99	28.08	43,719
16-4	9/18/1997	0:00	7:20	Mid	3.2	1.0	28.74	8.09	4.98	28.11	43,758
16-4	9/18/1997	0:00	7:20	Bottom	3.2	3.0	28.73	8.08	4.96	28.14	43,809
16-5	9/18/1997	0:00	7:35	Surface	3.5	0.2	28.83	8.08	5.05	28.28	44,003
16-5	9/18/1997	0:00	7:35	Mid	3.5	1.0	28.82	8.08	4.99	28.28	44,004
16-5	9/18/1997	0:00	7:35	Bottom	3.5	3.3	28.79	8.07	4.95	28.35	44,100
LB-1	9/18/1997	0:00	8:20	Surface	3.5	0.2	29.10	7.74	2.99	24.82	39,145
LB-1	9/18/1997	0:00	8:20	Mid	3.5	1.0	29.12	7.74	2.99	24.85	39,180
LB-1	9/18/1997	0:00	8:20	Bottom	3.5	3.3	29.11	7.73	3.03	24.87	39,220
LB-2	9/18/1997	0:00	8:30	Surface	2.8	0.2	28.81	7.90	2.48	26.29	41,196
LB-2	9/18/1997	0:00	8:30	Mid	2.8	1.0	28.86	7.91	2.46	26.40	41,368
LB-2	9/18/1997	0:00	8:30	Bottom	2.8	2.6	28.86	7.87	2.48	26.42	41,389
LB-3	9/18/1997	0:00	8:40	Surface	2.9	0.2	28.15	7.94	3.10	26.52	41,512

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
LB-3	9/18/1997	0:00	8:40	Mid	2.9	1.0	28.27	7.95	2.87	26.55	41,551
LB-3	9/18/1997	0:00	8:40	Bottom	2.9	2.7	29.59	8.02	2.30	26.70	45,577
LB-4	9/18/1997	0:00	8:50	Surface	2.9	0.2	28.27	8.08	3.97	27.32	42,643
LB-4	9/18/1997	0:00	8:50	Mid	2.9	1.0	28.34	8.01	3.76	27.43	42,791
LB-4	9/18/1997	0:00	8:50	Bottom	2.9	2.7	28.77	8.10	3.88	28.18	43,863
LB-5	9/18/1997	0:00	9:00	Surface	1.1	0.2	28.42	8.09	3.48	28.68	44,536
LB-5	9/18/1997	0:00	9:00	Mid	1.1	0.5	28.43	8.09	3.48	28.67	44,528
LB-5	9/18/1997	0:00	9:00	Bottom	1.1	0.9	28.42	8.08	3.53	28.67	44,530
ML-1	9/17/1997	0:00	7:15	Surface	1.6	0.2	28.87	7.27	4.07	1.16	2,272
ML-1	9/17/1997	0:00	7:15	Mid	1.6	0.8	28.88	7.28	4.06	1.16	2,274
ML-1	9/17/1997	0:00	7:15	Bottom	1.6	1.4	28.88	7.34	4.17	1.16	2,280
ML-2	9/17/1997	0:00	7:25	Surface	1.8	0.2	28.78	7.29	4.18	1.25	2,447
ML-2	9/17/1997	0:00	7:25	Mid	1.8	0.9	28.83	7.29	4.17	1.25	2,448
ML-2	9/17/1997	0:00	7:25	Bottom	1.8	1.6	28.84	7.30	4.17	1.26	2,462
ML-3	9/17/1997	0:00	7:35	Surface	3.1	0.2	28.83	7.29	4.30	1.53	2,973
ML-3	9/17/1997	0:00	7:35	Mid	3.1	1.0	28.84	7.29	4.30	1.54	2,993
ML-3	9/17/1997	0:00	7:35	Bottom	3.1	2.9	28.85	7.29	4.28	1.58	3,026
ML-4	9/17/1997	0:00	7:45	Surface	2.0	0.2	28.88	7.32	4.47	1.93	3,694
ML-4	9/17/1997	0:00	7:45	Mid	2.0	1.0	28.88	7.32	4.47	1.93	3,696
ML-4	9/17/1997	0:00	7:45	Bottom	2.0	1.8	28.88	7.34	4.47	1.93	3,699
ML-5	9/17/1997	0:00	7:55	Surface	1.5	0.2	28.86	7.32	4.50	1.91	3,648
ML-5	9/17/1997	0:00	7:55	Mid	1.5	0.7	28.86	7.33	4.51	1.90	3,644
ML-5	9/17/1997	0:00	7:55	Bottom	1.5	1.3	28.90	7.39	4.56	1.91	3,653
MU-1	9/17/1997	0:00	6:15	Surface	2.1	0.2	28.83	7.17	3.42	0.11	234
MU-1	9/17/1997	0:00	6:15	Mid	2.1	1.0	28.83	7.15	3.43	0.11	233
MU-1	9/17/1997	0:00	6:15	Bottom	2.1	1.9	28.79	7.28	3.46	0.11	233
MU-2	9/17/1997	0:00	6:30	Surface	1.6	0.2	28.80	7.21	3.73	0.13	285
MU-2	9/17/1997	0:00	6:30	Mid	1.6	0.8	28.80	7.21	3.74	0.13	285
MU-2	9/17/1997	0:00	6:30	Bottom	1.6	1.4	28.80	7.24	3.77	0.13	285
MU-3	9/17/1997	0:00	6:40	Surface	1.2	0.2	28.69	7.20	3.79	0.16	330
MU-3	9/17/1997	0:00	6:40	Mid	1.2	0.6	28.70	7.20	3.81	0.16	330
MU-3	9/17/1997	0:00	6:40	Bottom	1.2	1.0	28.70	7.22	3.85	0.16	330
MU-4	9/17/1997	0:00	6:55	Surface	1.2	0.2	28.65	7.20	3.83	0.24	500
MU-4	9/17/1997	0:00	6:55	Mid	1.2	0.6	28.65	7.21	3.84	0.25	516
MU-4	9/17/1997	0:00	6:55	Bottom	1.2	1.0	28.64	7.24	3.88	0.25	528
MU-5	9/17/1997	0:00	7:05	Surface	2.2	0.2	28.76	7.25	4.08	0.93	1,854
MU-5	9/17/1997	0:00	7:05	Mid	2.2	1.0	28.87	7.24	4.09	1.06	2,086
MU-5	9/17/1997	0:00	7:05	Bottom	2.2	2.0	28.89	7.26	4.12	1.06	2,095
10-1	10/9/1997	0:00	6:15	Surface	2.5	0.2	26.66	8.08	6.27	28.39	44,071
10-1	10/9/1997	0:00	6:15	Mid	2.5	1.0	26.68	8.08	6.25	28.38	44,058
10-1	10/9/1997	0:00	6:15	Bottom	2.5	2.3	26.66	8.05	6.31	28.60	43,465
10-2	10/9/1997	0:00	6:40	Surface	2.7	0.2	26.73	8.04	6.15	28.84	44,700
10-2	10/9/1997	0:00	6:40	Mid	2.7	1.0	27.75	8.05	6.22	28.88	44,748
10-2	10/9/1997	0:00	6:40	Bottom	2.7	2.5	26.81	8.05	6.33	28.94	44,855
10-3	10/9/1997	0:00	6:30	Surface	3.8	0.2	26.94	8.06	6.40	28.97	44,881
10-3	10/9/1997	0:00	6:30	Mid	3.8	1.0	26.94	8.06	6.41	28.97	44,887
10-3	10/9/1997	0:00	6:30	Bottom	3.8	3.6	26.94	8.06	6.49	28.97	44,889
10-4	10/9/1997	0:00	6:50	Surface	1.7	0.2	26.82	8.05	5.95	28.47	44,178
10-4	10/9/1997	0:00	6:50	Mid	1.7	0.8	26.85	8.06	6.01	28.47	44,189

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
10-4	10/9/1997	0:00	6:50	Bottom	1.7	1.5	26.86	8.06	6.02	28.46	44,171
10-5	10/9/1997	0:00	7:15	Surface	2.0	0.2	26.43	8.02	5.82	27.91	43,389
10-5	10/9/1997	0:00	7:15	Mid	2.0	1.0	26.57	8.04	6.00	28.06	43,595
10-5	10/9/1997	0:00	7:15	Bottom	2.0	1.8	26.73	8.04	6.00	28.25	43,880
11-1	10/9/1997	0:00	6:05	Surface	3.6	0.2	27.07	8.10	6.37	27.96	43,488
11-1	10/9/1997	0:00	6:05	Mid	3.6	1.0	27.07	8.10	6.30	27.96	43,476
11-1	10/9/1997	0:00	6:05	Bottom	3.6	3.4	27.11	8.11	6.19	28.02	43,559
11-2	10/9/1997	0:00	5:55	Surface	3.8	0.2	26.96	8.06	5.94	27.97	43,493
11-2	10/9/1997	0:00	5:55	Mid	3.8	1.0	27.00	8.06	5.89	27.97	43,504
11-2	10/9/1997	0:00	5:55	Bottom	3.8	3.6	27.09	8.04	5.87	28.01	43,557
11-3	10/9/1997	0:00	5:45	Surface	2.8	0.2	26.92	8.05	6.02	28.05	43,604
11-3	10/9/1997	0:00	5:45	Mid	2.8	1.0	26.95	8.04	6.01	28.05	43,613
11-3	10/9/1997	0:00	5:45	Bottom	2.8	2.6	26.98	8.01	6.03	28.10	43,680
11-4	10/9/1997	0:00	6:55	Surface	3.0	0.2	27.04	8.05	5.97	28.13	43,718
11-4	10/9/1997	0:00	6:55	Mid	3.0	1.0	27.06	8.05	5.98	28.11	43,690
11-4	10/9/1997	0:00	6:55	Bottom	3.0	2.8	27.00	8.05	6.09	28.51	44,250
11-5	10/9/1997	0:00	7:05	Surface	3.0	0.2	27.90	8.05	5.89	28.86	44,742
11-5	10/9/1997	0:00	7:05	Mid	3.0	1.0	27.10	8.04	5.80	29.03	44,974
11-5	10/9/1997	0:00	7:05	Bottom	3.0	2.8	27.11	8.04	5.86	29.02	44,961
13-1	10/8/1997	0:00	6:50	Surface	2.0	0.2	27.18	8.06	5.52	26.98	42,139
13-1	10/8/1997	0:00	6:50	Mid	2.0	1.0	27.16	8.05	5.56	27.71	43,141
13-1	10/8/1997	0:00	6:50	Bottom	2.0	1.8	27.19	8.03	5.58	28.08	43,661
13-2	10/8/1997	0:00	7:00	Surface	2.0	0.2	26.55	8.09	5.69	24.85	39,095
13-2	10/8/1997	0:00	7:00	Mid	2.0	1.0	26.87	8.07	5.60	25.12	39,490
13-2	10/8/1997	0:00	7:00	Bottom	2.0	1.8	27.26	8.05	5.67	28.00	43,543
13-3	10/8/1997	0:00	7:10	Surface	4.1	0.2	26.61	8.08	5.57	21.15	33,788
13-3	10/8/1997	0:00	7:10	Mid	4.1	1.0	26.85	8.10	5.24	22.67	36,004
13-3	10/8/1997	0:00	7:10	Bottom	4.1	3.9	27.70	8.05	4.92	25.55	40,121
13-4	10/8/1997	0:00	7:20	Surface	2.5	0.2	26.72	8.03	4.67	20.95	33,455
13-4	10/8/1997	0:00	7:20	Mid	2.5	1.0	27.15	8.03	4.52	21.83	35,058
13-4	10/8/1997	0:00	7:20	Bottom	2.5	2.3	27.22	8.05	5.44	23.24	36,777
13-5	10/8/1997	0:00	7:30	Surface	3.9	0.2	26.90	8.10	5.51	19.88	31,864
13-5	10/8/1997	0:00	7:30	Mid	3.9	1.0	26.96	8.10	5.42	20.06	32,198
13-5	10/8/1997	0:00	7:30	Bottom	3.9	3.7	27.36	8.07	5.11	22.83	36,246
14-1	10/8/1997	0:00	7:40	Surface	2.1	0.2	27.11	8.13	5.42	19.79	31,840
14-1	10/8/1997	0:00	7:40	Mid	2.1	1.0	27.20	8.11	5.31	20.13	32,331
14-1	10/8/1997	0:00	7:40	Bottom	2.1	1.9	27.35	8.07	5.16	21.98	35,018
14-2	10/8/1997	0:00	7:45	Surface	2.4	0.2	27.00	8.09	4.78	19.41	31,288
14-2	10/8/1997	0:00	7:45	Mid	2.4	1.0	27.01	8.09	4.76	19.42	31,297
14-2	10/8/1997	0:00	7:45	Bottom	2.4	2.2	28.83	8.09	3.98	21.27	34,071
14-3	10/8/1997	0:00	7:55	Surface	3.3	0.2	26.81	8.31	5.85	19.19	30,960
14-3	10/8/1997	0:00	7:55	Mid	3.3	1.0	26.99	8.28	5.66	19.34	31,244
14-3	10/8/1997	0:00	7:55	Bottom	3.3	3.1	28.47	8.10	4.26	22.86	36,330
14-4	10/8/1997	0:00	8:00	Surface	1.2	0.2	26.65	8.30	5.25	19.79	31,826
14-4	10/8/1997	0:00	8:00	Mid	1.2	0.6	27.54	8.19	4.72	21.63	34,550
14-4	10/8/1997	0:00	8:00	Bottom	1.2	1.0	27.54	8.18	4.60	22.18	35,143
14-5	10/8/1997	0:00	8:10	Surface	1.6	0.2	26.42	8.30	6.54	21.14	33,777
14-5	10/8/1997	0:00	8:10	Mid	1.6	0.8	27.01	8.20	5.10	21.95	34,976
14-5	10/8/1997	0:00	8:10	Bottom	1.6	1.4	27.25	8.12	4.25	22.27	35,472
16-1	10/7/1997	0:00	6:40	Surface	1.5	0.2	27.30	8.11	4.79	24.78	39,303

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
16-1	10/7/1997	0:00	6:40	Mid	1.5	0.7	27.48	8.09	4.92	24.96	39,309
16-1	10/7/1997	0:00	6:40	Bottom	1.5	1.3	28.14	8.03	4.71	26.90	42,022
16-2	10/7/1997	0:00	6:55	Surface	3.0	0.2	27.40	8.09	4.99	24.24	39,716
16-2	10/7/1997	0:00	6:55	Mid	3.0	1.0	27.49	8.08	4.81	25.41	39,932
16-2	10/7/1997	0:00	6:55	Bottom	3.0	2.8	27.93	8.02	4.69	27.31	42,566
16-3	10/7/1997	0:00	7:05	Surface	3.3	0.2	27.05	8.07	4.87	25.62	40,203
16-3	10/7/1997	0:00	7:05	Mid	3.3	1.0	27.21	8.05	5.05	26.05	40,830
16-3	10/7/1997	0:00	7:05	Bottom	3.3	3.1	27.44	8.03	5.16	26.91	42,025
16-4	10/7/1997	0:00	7:15	Surface	3.6	0.2	27.04	8.07	5.03	25.74	40,395
16-4	10/7/1997	0:00	7:15	Mid	3.6	1.0	27.25	8.05	4.96	26.30	41,138
16-4	10/7/1997	0:00	7:15	Bottom	3.6	3.4	27.68	8.03	4.89	27.72	43,201
16-5	10/7/1997	0:00	7:25	Surface	2.5	0.2	27.15	8.06	4.98	26.28	41,147
16-5	10/7/1997	0:00	7:25	Mid	2.5	1.0	27.14	8.05	4.95	26.95	41,454
16-5	10/7/1997	0:00	7:25	Bottom	2.5	2.3	27.27	8.04	4.98	26.80	41,862
LB-1	10/7/1997	0:00	8:00	Surface	1.7	0.2	27.65	7.64	3.56	19.48	31,427
LB-1	10/7/1997	0:00	8:00	Mid	1.7	0.8	27.63	7.65	3.57	19.56	31,521
LB-1	10/7/1997	0:00	8:00	Bottom	1.7	1.5	27.41	7.67	3.60	19.54	31,487
LB-2	10/7/1997	0:00	8:10	Surface	1.2	0.2	27.45	7.82	3.74	19.98	32,130
LB-2	10/7/1997	0:00	8:10	Mid	1.2	0.6	27.50	7.81	3.70	20.01	32,174
LB-2	10/7/1997	0:00	8:10	Bottom	1.2	1.0	27.55	7.80	3.77	20.09	32,290
LB-3	10/7/1997	0:00	8:20	Surface	2.8	0.2	27.36	8.06	4.40	21.89	34,889
LB-3	10/7/1997	0:00	8:20	Mid	2.8	1.0	27.74	8.07	3.57	22.51	35,785
LB-3	10/7/1997	0:00	8:20	Bottom	2.8	2.6	28.45	7.98	3.61	24.19	38,228
LB-4	10/7/1997	0:00	8:30	Surface	2.8	0.2	27.20	8.19	5.07	24.12	38,087
LB-4	10/7/1997	0:00	8:30	Mid	2.8	1.0	27.24	8.18	4.62	24.12	38,075
LB-4	10/7/1997	0:00	8:30	Bottom	2.8	2.6	28.30	8.09	3.99	25.28	39,764
LB-5	10/7/1997	0:00	8:40	Surface	1.6	0.2	27.21	8.16	4.54	25.58	40,149
LB-5	10/7/1997	0:00	8:40	Mid	1.6	0.8	27.23	8.15	4.57	25.61	40,184
LB-5	10/7/1997	0:00	8:40	Bottom	1.6	1.4	27.30	8.16	4.58	25.67	40,280
ML-1	10/6/1997	0:00	7:45	Surface	1.4	0.2	26.32	6.63	4.03	0.07	151
ML-1	10/6/1997	0:00	7:45	Mid	1.4	0.7	26.34	6.63	4.02	0.07	151
ML-1	10/6/1997	0:00	7:45	Bottom	1.4	1.2	26.34	6.64	4.05	0.07	150
ML-2	10/6/1997	0:00	8:00	Surface	1.9	0.2	26.12	6.65	4.07	0.07	156
ML-2	10/6/1997	0:00	8:00	Mid	1.9	0.9	26.12	6.65	4.07	0.07	156
ML-2	10/6/1997	0:00	8:00	Bottom	1.9	1.7	26.10	6.67	4.08	0.07	155
ML-3	10/6/1997	0:00	8:10	Surface	2.1	0.2	26.04	6.67	4.18	0.08	178
ML-3	10/6/1997	0:00	8:10	Mid	2.1	1.0	26.10	6.68	4.18	0.08	171
ML-3	10/6/1997	0:00	8:10	Bottom	2.1	1.9	26.16	6.70	4.19	0.08	167
ML-4	10/6/1997	0:00	8:25	Surface	4.8	0.2	26.21	6.65	4.21	0.09	201
ML-4	10/6/1997	0:00	8:25	Mid	4.8	1.0	26.21	6.66	4.21	0.09	190
ML-4	10/6/1997	0:00	8:25	Bottom	4.8	4.6	26.24	6.66	4.21	0.11	240
ML-5	10/6/1997	0:00	8:40	Surface	1.8	0.2	26.59	6.72	4.38	0.14	289
ML-5	10/6/1997	0:00	8:40	Mid	1.8	0.9	26.62	6.72	4.37	0.13	286
ML-5	10/6/1997	0:00	8:40	Bottom	1.8	1.6	26.63	6.74	4.39	0.11	225
MU-1	10/6/1997	0:00	6:30	Surface	2.5	0.2	26.75	6.72	3.72	0.07	148
MU-1	10/6/1997	0:00	6:30	Mid	2.5	1.0	26.75	6.75	3.73	0.07	148
MU-1	10/6/1997	0:00	6:30	Bottom	2.5	2.3	26.75	6.89	3.79	0.07	148
MU-2	10/6/1997	0:00	6:45	Surface	2.6	0.2	26.71	6.58	3.69	0.07	149
MU-2	10/6/1997	0:00	6:45	Mid	2.6	1.0	26.72	6.58	3.67	0.06	129
MU-2	10/6/1997	0:00	6:45	Bottom	2.6	2.4	26.72	6.67	3.61	0.06	129

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
MU-3	10/6/1997	0:00	7:00	Surface	2.6	0.2	26.64	6.60	3.72	0.07	149
MU-3	10/6/1997	0:00	7:00	Mid	2.6	1.0	26.64	6.62	3.74	0.07	149
MU-3	10/6/1997	0:00	7:00	Bottom	2.6	2.4	26.64	6.67	3.82	0.07	149
MU-4	10/6/1997	0:00	7:15	Surface	1.7	0.2	26.41	6.70	3.73	0.08	167
MU-4	10/6/1997	0:00	7:15	Mid	1.7	0.8	26.42	6.69	3.73	0.08	167
MU-4	10/6/1997	0:00	7:15	Bottom	1.7	1.5	26.45	6.69	3.74	0.08	166
MU-5	10/6/1997	0:00	7:30	Surface	2.1	0.2	26.44	6.60	4.03	0.07	148
MU-5	10/6/1997	0:00	7:30	Mid	2.1	1.0	26.45	6.60	4.01	0.07	148
MU-5	10/6/1997	0:00	7:30	Bottom	2.1	1.9	26.46	6.62	4.01	0.07	148
10-1	11/10/1997	0:00	6:30	Surface	4.0	0.2	23.20	8.09	6.83	27.28	42,376
10-1	11/10/1997	0:00	6:30	Mid	4.0	1.0	20.32	8.09	6.77	27.28	42,371
10-1	11/10/1997	0:00	6:30	Bottom	4.0	3.8	20.41	8.04	6.77	27.20	42,271
10-2	11/10/1997	0:00	6:50	Surface	3.8	0.2	20.20	8.08	6.66	27.40	42,534
10-2	11/10/1997	0:00	6:50	Mid	3.8	1.0	20.21	8.07	6.62	27.40	42,534
10-2	11/10/1997	0:00	6:50	Bottom	3.8	3.6	20.45	7.98	6.60	27.59	42,797
10-3	11/10/1997	0:00	6:40	Surface	3.2	0.2	20.80	7.98	6.51	27.77	43,069
10-3	11/10/1997	0:00	6:40	Mid	3.2	1.0	20.81	7.96	6.55	27.78	43,074
10-3	11/10/1997	0:00	6:40	Bottom	3.2	3.0	20.82	7.93	6.71	27.52	42,836
10-4	11/10/1997	0:00	7:00	Surface	5.0	0.2	20.37	8.03	6.56	27.78	43,077
10-4	11/10/1997	0:00	7:00	Mid	5.0	1.0	20.45	8.02	6.58	27.89	43,219
10-4	11/10/1997	0:00	7:00	Bottom	5.0	4.8	20.61	7.99	6.61	27.96	43,324
10-5	11/10/1997	0:00	7:10	Surface	5.6	0.2	20.43	8.03	6.83	27.93	43,283
10-5	11/10/1997	0:00	7:10	Mid	5.6	1.0	20.42	8.02	6.83	27.92	43,274
10-5	11/10/1997	0:00	7:10	Bottom	5.6	5.4	20.42	8.01	6.90	27.91	43,263
11-1	11/10/1997	0:00	6:15	Surface	2.5	0.2	19.68	8.17	7.01	26.79	41,682
11-1	11/10/1997	0:00	6:15	Mid	2.5	1.0	19.68	8.16	6.98	26.79	41,684
11-1	11/10/1997	0:00	6:15	Bottom	2.5	2.3	19.71	8.06	7.09	26.08	40,685
11-2	11/10/1997	0:00	6:00	Surface	4.1	0.2	20.13	8.01	7.19	27.34	42,454
11-2	11/10/1997	0:00	6:00	Mid	4.1	1.0	20.16	8.00	7.17	27.33	42,452
11-2	11/10/1997	0:00	6:00	Bottom	4.1	3.9	20.14	7.84	7.22	26.31	41,126
11-3	11/10/1997	0:00	7:30	Surface	3.7	0.2	20.24	8.07	6.60	27.34	42,457
11-3	11/10/1997	0:00	7:30	Mid	3.7	1.0	20.24	8.07	6.49	27.36	42,483
11-3	11/10/1997	0:00	7:30	Bottom	3.7	3.5	20.31	8.04	6.47	27.17	42,233
11-4	11/10/1997	0:00	7:25	Surface	2.7	0.2	20.06	8.04	6.55	27.44	42,607
11-4	11/10/1997	0:00	7:25	Mid	2.7	1.0	20.11	8.04	6.60	27.52	42,706
11-4	11/10/1997	0:00	7:25	Bottom	2.7	2.5	20.36	8.04	6.72	27.77	43,054
11-5	11/10/1997	0:00	7:20	Surface	2.2	0.2	20.22	8.03	6.70	27.76	43,040
11-5	11/10/1997	0:00	7:20	Mid	2.2	1.0	20.29	8.03	6.78	27.87	43,187
11-5	11/10/1997	0:00	7:20	Bottom	2.2	2.0	20.43	8.02	6.84	27.88	43,207
13-1	11/11/1997	0:00	6:15	Surface	2.0	0.2	20.81	7.87	7.17	23.34	36,826
13-1	11/11/1997	0:00	6:15	Mid	2.0	1.0	21.16	7.86	6.69	24.79	38,882
13-1	11/11/1997	0:00	6:15	Bottom	2.0	1.8	21.24	7.81	6.31	26.13	40,805
13-2	11/11/1997	0:00	6:25	Surface	1.6	0.2	20.84	7.88	7.05	22.61	35,731
13-2	11/11/1997	0:00	6:25	Mid	1.6	0.8	21.00	7.88	6.81	23.53	37,085
13-2	11/11/1997	0:00	6:25	Bottom	1.6	1.4	21.44	7.84	5.25	26.28	40,980
13-3	11/11/1997	0:00	6:40	Surface	1.4	0.2	20.96	7.94	6.95	23.36	36,846
13-3	11/11/1997	0:00	6:40	Mid	1.4	0.7	21.01	7.91	6.78	23.67	37,290
13-3	11/11/1997	0:00	6:40	Bottom	1.4	1.2	21.02	7.88	6.71	23.69	37,328
13-4	11/11/1997	0:00	6:50	Surface	1.6	0.2	20.90	7.95	7.33	23.31	36,769

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
13-4	11/11/1997	0:00	6:50	Mid	1.6	0.8	20.92	7.95	7.35	23.32	36,786
13-4	11/11/1997	0:00	6:50	Bottom	1.6	1.4	20.92	7.94	7.44	23.35	36,837
13-5	11/11/1997	0:00	7:05	Surface	2.1	0.2	20.63	8.03	8.24	22.61	35,770
13-5	11/11/1997	0:00	7:05	Mid	2.1	1.0	20.99	8.01	7.85	23.07	36,441
13-5	11/11/1997	0:00	7:05	Bottom	2.1	1.9	21.19	7.96	7.52	23.46	36,998
14-1	11/11/1997	0:00	7:15	Surface	2.2	0.2	20.45	8.10	8.55	22.10	35,036
14-1	11/11/1997	0:00	7:15	Mid	2.2	1.0	21.17	7.99	7.79	23.14	36,524
14-1	11/11/1997	0:00	7:15	Bottom	2.2	2.0	21.17	7.93	6.69	23.59	37,173
14-2	11/11/1997	0:00	7:30	Surface	1.5	0.2	20.55	8.10	8.23	21.33	33,921
14-2	11/11/1997	0:00	7:30	Mid	1.5	0.7	20.66	8.06	7.23	21.43	34,078
14-2	11/11/1997	0:00	7:30	Bottom	1.5	1.3	21.22	7.70	6.50	22.53	35,666
14-3	11/11/1997	0:00	7:35	Surface	0.9	0.2	20.58	8.01	7.76	19.22	30,872
14-3	11/11/1997	0:00	7:35	Mid	0.9	0.4	20.92	8.08	7.64	21.46	34,120
14-3	11/11/1997	0:00	7:35	Bottom	0.9	0.7	21.38	8.03	7.28	22.05	34,976
14-4	11/11/1997	0:00	7:45	Surface	1.3	0.2	20.46	8.09	7.82	21.33	33,921
14-4	11/11/1997	0:00	7:45	Mid	1.3	0.6	20.45	8.07	7.49	21.32	33,914
14-4	11/11/1997	0:00	7:45	Bottom	1.3	1.1	20.55	8.01	6.92	21.33	33,906
14-5	11/11/1997	0:00	7:50	Surface	2.2	0.2	20.45	8.11	7.48	21.43	34,067
14-5	11/11/1997	0:00	7:50	Mid	2.2	1.0	20.40	8.12	7.46	21.43	34,069
14-5	11/11/1997	0:00	7:50	Bottom	2.2	2.0	20.52	8.10	7.38	21.42	34,057
16-1	11/13/1997	0:00	6:15	Surface	3.8	0.2	22.45	7.86	5.85	25.88	40,437
16-1	11/13/1997	0:00	6:15	Mid	3.8	1.0	22.41	7.84	5.71	25.89	40,456
16-1	11/13/1997	0:00	6:15	Bottom	3.8	3.6	22.41	7.80	5.68	26.51	41,329
16-2	11/13/1997	0:00	6:25	Surface	4.1	0.2	22.41	7.87	6.24	26.92	41,899
16-2	11/13/1997	0:00	6:25	Mid	4.1	1.0	22.41	7.85	6.33	26.95	41,960
16-2	11/13/1997	0:00	6:25	Bottom	4.1	3.9	22.42	7.87	6.40	27.25	42,382
16-3	11/13/1997	0:00	6:35	Surface	4.1	0.2	22.39	7.89	5.94	27.35	42,497
16-3	11/13/1997	0:00	6:35	Mid	4.1	1.0	22.38	7.80	5.82	27.38	42,531
16-3	11/13/1997	0:00	6:35	Bottom	4.1	3.9	22.37	7.87	5.81	27.69	42,975
16-4	11/13/1997	0:00	6:50	Surface	4.0	0.2	22.36	7.90	6.09	27.62	42,877
16-4	11/13/1997	0:00	6:50	Mid	4.0	1.0	22.38	7.90	6.23	27.62	42,877
16-4	11/13/1997	0:00	6:50	Bottom	4.0	3.8	22.40	7.89	6.22	27.68	42,961
16-5	11/13/1997	0:00	7:00	Surface	4.5	0.2	22.34	7.90	5.92	27.82	43,153
16-5	11/13/1997	0:00	7:00	Mid	4.5	1.0	22.34	7.90	5.95	27.82	43,160
16-5	11/13/1997	0:00	7:00	Bottom	4.5	4.3	22.34	7.90	6.02	27.81	43,147
LB-1	11/13/1997	0:00	7:40	Surface	3.3	0.2	22.39	8.08	7.25	24.61	38,650
LB-1	11/13/1997	0:00	7:40	Mid	3.3	1.0	22.39	8.08	7.27	24.61	38,652
LB-1	11/13/1997	0:00	7:40	Bottom	3.3	3.1	22.39	8.07	7.35	24.61	38,655
LB-2	11/13/1997	0:00	7:50	Surface	3.9	0.2	22.43	8.10	6.48	24.65	38,700
LB-2	11/13/1997	0:00	7:50	Mid	3.9	1.0	22.42	8.11	6.55	24.65	38,711
LB-2	11/13/1997	0:00	7:50	Bottom	3.9	3.7	22.41	8.10	6.74	24.60	38,686
LB-3	11/13/1997	0:00	8:00	Surface	3.1	0.2	22.31	8.15	5.71	24.72	38,811
LB-3	11/13/1997	0:00	8:00	Mid	3.1	1.0	22.30	8.16	5.76	24.77	38,860
LB-3	11/13/1997	0:00	8:00	Bottom	3.1	2.9	22.26	8.15	5.94	24.82	38,948
LB-4	11/13/1997	0:00	8:15	Surface	3.1	0.2	22.23	8.14	5.30	25.10	39,340
LB-4	11/13/1997	0:00	8:15	Mid	3.1	1.0	22.23	8.14	5.38	25.10	39,336
LB-4	11/13/1997	0:00	8:15	Bottom	3.1	2.9	22.23	8.14	5.52	25.11	39,353
LB-5	11/13/1997	0:00	8:25	Surface	2.3	0.2	22.19	8.18	5.04	25.29	39,607
LB-5	11/13/1997	0:00	8:25	Mid	2.3	1.0	22.20	8.17	5.03	25.29	39,601
LB-5	11/13/1997	0:00	8:25	Bottom	2.3	2.1	22.21	8.16	5.30	25.30	39,642

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water	Sample	Water	pH	Dissolved	Salinity	Specific	
	(mm/dd/yy)	(24-hour)		Depth	Depth	Temperature		Oxygen			
				(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
ML-1	11/12/1997	0:00	7:05	Surface	1.9	0.2	20.91	7.10	6.87	0.45	920
ML-1	11/12/1997	0:00	7:05	Mid	1.9	0.9	20.92	7.20	6.86	0.45	922
ML-1	11/12/1997	0:00	7:05	Bottom	1.9	1.7	20.92	7.21	6.85	0.46	924
ML-2	11/12/1997	0:00	7:15	Surface	1.4	0.2	21.00	7.23	7.01	0.85	1,677
ML-2	11/12/1997	0:00	7:15	Mid	1.4	0.7	21.00	7.24	7.01	0.85	1,677
ML-2	11/12/1997	0:00	7:15	Bottom	1.4	1.2	21.00	7.25	7.04	0.85	1,686
ML-3	11/12/1997	0:00	7:30	Surface	1.8	0.2	21.09	7.34	7.11	1.04	2,039
ML-3	11/12/1997	0:00	7:30	Mid	1.8	0.9	21.10	7.35	7.16	1.07	2,093
ML-3	11/12/1997	0:00	7:30	Bottom	1.8	1.6	21.10	7.37	7.24	1.13	2,204
ML-4	11/12/1997	0:00	7:35	Surface	1.8	0.2	21.16	7.30	7.20	1.48	2,850
ML-4	11/12/1997	0:00	7:35	Mid	1.8	0.9	21.17	7.30	7.19	1.52	2,924
ML-4	11/12/1997	0:00	7:35	Bottom	1.8	1.6	21.17	7.30	7.16	1.55	2,979
ML-5	11/12/1997	0:00	7:55	Surface	2.6	0.2	21.16	7.34	7.38	1.57	3,200
ML-5	11/12/1997	0:00	7:55	Mid	2.6	1.0	21.17	7.33	7.35	1.72	3,260
ML-5	11/12/1997	0:00	7:55	Bottom	2.6	2.4	21.17	7.32	7.34	1.74	3,323
MU-1	11/12/1997	0:00	6:00	Surface	2.3	0.2	20.33	7.04	6.84	0.10	214
MU-1	11/12/1997	0:00	6:00	Mid	2.3	1.0	20.34	7.06	6.89	0.10	214
MU-1	11/12/1997	0:00	6:00	Bottom	2.3	2.1	20.34	7.07	6.93	0.10	214
MU-2	11/12/1997	0:00	6:10	Surface	2.0	0.2	20.47	7.03	6.80	0.11	224
MU-2	11/12/1997	0:00	6:10	Mid	2.0	1.0	20.47	7.03	6.81	0.11	224
MU-2	11/12/1997	0:00	6:10	Bottom	2.0	1.8	20.48	7.04	6.82	0.11	224
MU-3	11/12/1997	0:00	6:25	Surface	1.1	0.2	20.39	7.08	6.89	0.11	225
MU-3	11/12/1997	0:00	6:25	Mid	1.1	0.5	20.40	7.10	6.91	0.11	225
MU-3	11/12/1997	0:00	6:25	Bottom	1.1	0.9	20.40	7.13	6.96	0.11	225
MU-4	11/12/1997	0:00	6:40	Surface	1.9	0.2	20.66	7.10	6.75	0.12	250
MU-4	11/12/1997	0:00	6:40	Mid	1.9	0.9	20.66	7.11	6.76	0.12	249
MU-4	11/12/1997	0:00	6:40	Bottom	1.9	1.7	20.67	7.13	6.68	0.12	228
MU-5	11/12/1997	0:00	6:45	Surface	1.7	0.2	20.80	7.15	6.85	0.15	308
MU-5	11/12/1997	0:00	6:45	Mid	1.7	0.8	20.80	7.15	6.85	0.15	306
MU-5	11/12/1997	0:00	6:45	Bottom	1.7	1.5	20.80	7.18	6.85	0.15	309
10-1	12/9/1997	0:00	7:25	Surface	2.9	0.2	17.75	8.01	7.99	27.96	43,321
10-1	12/9/1997	0:00	7:25	Mid	2.9	1.0	17.75	8.00	8.04	27.97	43,346
10-1	12/9/1997	0:00	7:25	Bottom	2.9	2.7	17.28	8.00	8.10	27.98	43,346
10-2	12/9/1997	0:00	6:55	Surface	1.8	0.2	17.80	8.00	8.06	28.12	43,544
10-2	12/9/1997	0:00	6:55	Mid	1.8	0.9	17.80	7.99	8.07	28.12	43,543
10-2	12/9/1997	0:00	6:55	Bottom	1.8	1.6	17.80	7.99	8.11	28.12	43,540
10-3	12/9/1997	0:00	7:35	Surface	3.6	0.2	17.90	8.01	8.02	28.00	43,372
10-3	12/9/1997	0:00	7:35	Mid	3.6	1.0	17.90	8.01	8.04	28.00	43,379
10-3	12/9/1997	0:00	7:35	Bottom	3.6	3.4	17.90	8.00	8.10	28.00	43,346
10-4	12/9/1997	0:00	6:45	Surface	2.9	0.2	17.12	7.91	7.53	27.38	42,506
10-4	12/9/1997	0:00	6:45	Mid	2.9	1.0	17.13	7.87	7.44	27.38	42,512
10-4	12/9/1997	0:00	6:45	Bottom	2.9	2.7	17.17	7.85	7.34	25.01	39,194
10-5	12/9/1997	0:00	6:35	Surface	2.1	0.2	17.46	7.97	8.11	27.46	43,077
10-5	12/9/1997	0:00	6:35	Mid	2.1	1.0	17.46	7.97	8.13	27.74	43,076
10-5	12/9/1997	0:00	6:35	Bottom	2.1	1.9	17.50	7.97	8.14	27.79	43,075
11-1	12/9/1997	0:00	7:15	Surface	3.1	0.2	17.30	8.03	8.16	27.13	42,156
11-1	12/9/1997	0:00	7:15	Mid	3.1	1.0	17.30	8.03	8.17	27.13	42,153
11-1	12/9/1997	0:00	7:15	Bottom	3.1	2.9	17.30	8.02	8.23	27.13	42,161
11-2	12/9/1997	0:00	7:05	Surface	3.7	0.2	17.20	8.02	8.28	27.23	42,295

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
11-2	12/9/1997	0:00	7:05	Mid	3.7	1.0	17.19	8.02	8.28	27.23	42,305
11-2	12/9/1997	0:00	7:05	Bottom	3.7	3.5	17.19	8.02	8.30	27.24	42,320
11-3	12/9/1997	0:00	6:00	Surface	2.7	0.2	17.36	7.91	7.93	27.33	42,444
11-3	12/9/1997	0:00	6:00	Mid	2.7	1.0	17.37	7.89	7.94	27.33	42,442
11-3	12/9/1997	0:00	6:00	Bottom	2.7	2.5	17.38	7.86	8.00	27.33	42,441
11-4	12/9/1997	0:00	6:15	Surface	3.1	0.2	17.27	7.95	8.05	26.54	41,335
11-4	12/9/1997	0:00	6:15	Mid	3.1	1.0	17.28	7.95	8.00	26.61	41,453
11-4	12/9/1997	0:00	6:15	Bottom	3.1	2.9	17.34	7.95	7.98	27.13	42,150
11-5	12/9/1997	0:00	6:25	Surface	1.9	0.2	17.22	7.98	8.22	24.98	39,138
11-5	12/9/1997	0:00	6:25	Mid	1.9	0.9	17.24	7.96	8.14	26.33	41,028
11-5	12/9/1997	0:00	6:25	Bottom	1.9	1.7	17.28	7.96	8.13	27.36	42,479
13-1	12/10/1997	0:00	6:40	Surface	1.6	0.2	19.30	7.86	7.69	20.84	32,992
13-1	12/10/1997	0:00	6:40	Mid	1.6	0.8	19.09	7.85	7.27	22.97	36,248
13-1	12/10/1997	0:00	6:40	Bottom	1.6	1.4	19.05	7.82	7.19	24.33	38,192
13-2	12/10/1997	0:00	6:55	Surface	1.5	0.2	19.19	7.88	7.69	17.37	28,088
13-2	12/10/1997	0:00	6:55	Mid	1.5	0.7	19.24	7.85	7.49	18.79	30,392
13-2	12/10/1997	0:00	6:55	Bottom	1.5	1.3	19.25	7.80	7.29	21.40	33,972
13-3	12/10/1997	0:00	7:10	Surface	3.9	0.2	19.40	7.87	7.74	13.99	22,986
13-3	12/10/1997	0:00	7:10	Mid	3.9	1.0	19.28	7.87	7.47	17.35	28,117
13-3	12/10/1997	0:00	7:10	Bottom	3.9	3.7	19.29	7.85	7.33	19.03	30,574
13-4	12/10/1997	0:00	7:20	Surface	2.9	0.2	19.24	7.87	7.55	16.42	26,715
13-4	12/10/1997	0:00	7:20	Mid	2.9	1.0	19.24	7.87	7.57	16.45	26,730
13-4	12/10/1997	0:00	7:20	Bottom	2.9	2.7	19.24	7.87	7.61	16.44	25,740
13-5	12/10/1997	0:00	7:30	Surface	1.5	0.2	19.17	7.90	7.82	15.81	25,815
13-5	12/10/1997	0:00	7:30	Mid	1.5	0.7	19.16	7.90	7.88	15.83	25,846
13-5	12/10/1997	0:00	7:30	Bottom	1.5	1.3	19.16	7.90	8.00	15.83	25,839
14-1	12/10/1997	0:00	7:40	Surface	2.7	0.2	19.26	7.97	8.19	15.26	24,944
14-1	12/10/1997	0:00	7:40	Mid	2.7	1.0	19.19	7.93	8.03	15.78	25,800
14-1	12/10/1997	0:00	7:40	Bottom	2.7	2.5	19.18	7.89	8.15	16.68	27,103
14-2	12/10/1997	0:00	7:50	Surface	2.4	0.2	19.42	7.98	8.02	15.52	25,395
14-2	12/10/1997	0:00	7:50	Mid	2.4	1.0	19.30	7.98	8.06	15.72	25,675
14-2	12/10/1997	0:00	7:50	Bottom	2.4	2.2	19.31	7.98	8.16	15.74	25,674
14-3	12/10/1997	0:00	8:00	Surface	1.9	0.2	19.32	7.89	7.54	16.87	27,385
14-3	12/10/1997	0:00	8:00	Mid	1.9	0.9	19.31	7.90	7.57	16.95	27,518
14-3	12/10/1997	0:00	8:00	Bottom	1.9	1.7	19.30	7.90	7.60	16.97	27,543
14-4	12/10/1997	0:00	8:10	Surface	2.2	0.2	19.33	7.88	7.19	17.15	27,812
14-4	12/10/1997	0:00	8:10	Mid	2.2	1.0	19.41	7.86	7.09	17.58	28,424
14-4	12/10/1997	0:00	8:10	Bottom	2.2	2.0	19.48	7.84	7.02	18.00	29,067
14-5	12/10/1997	0:00	8:15	Surface	1.3	0.2	19.77	7.80	6.69	18.03	29,101
14-5	12/10/1997	0:00	8:15	Mid	1.3	0.6	19.77	7.80	6.70	18.02	29,100
14-5	12/10/1997	0:00	8:15	Bottom	1.3	1.1	19.77	7.79	6.72	18.03	29,117
16-1	12/12/1997	0:00	6:30	Surface	1.3	0.2	22.23	7.66	6.45	21.93	34,814
16-1	12/12/1997	0:00	6:30	Mid	1.3	0.6	22.23	7.65	6.45	21.93	34,827
16-1	12/12/1997	0:00	6:30	Bottom	1.3	1.1	22.22	7.63	6.49	22.01	34,929
16-2	12/12/1997	0:00	6:40	Surface	4.2	0.2	22.27	7.72	6.37	20.28	32,399
16-2	12/12/1997	0:00	6:40	Mid	4.2	1.0	22.23	7.71	6.32	21.91	34,755
16-2	12/12/1997	0:00	6:40	Bottom	4.2	4.0	22.22	7.71	6.33	22.81	36,085
16-3	12/12/1997	0:00	6:50	Surface	2.1	0.2	22.19	7.73	6.12	22.65	35,847
16-3	12/12/1997	0:00	6:50	Mid	2.1	1.0	22.18	7.73	6.02	23.41	36,646
16-3	12/12/1997	0:00	6:50	Bottom	2.1	1.9	22.50	7.73	5.99	23.30	36,794

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date	Time	Depth	Water Depth	Sample Depth	Water Temperature	pH	Dissolved Oxygen	Salinity	Specific Conduct	
	(mm/dd/yy)	(24-hour)		(m)	(m)	(°C)	(pH units)	(mg/L)	(ppt)	(µS/cm)	
16-4	12/12/1997	0:00	7:00	Surface	2.9	0.2	22.02	7.81	6.48	25.17	39,436
16-4	12/12/1997	0:00	7:00	Mid	2.9	1.0	21.94	7.81	6.48	25.30	39,658
16-4	12/12/1997	0:00	7:00	Bottom	2.9	2.7	21.86	7.81	6.53	26.28	40,959
16-5	12/12/1997	0:00	7:10	Surface	3.8	0.2	21.98	7.82	6.49	25.73	40,222
16-5	12/12/1997	0:00	7:10	Mid	3.8	1.0	21.96	7.82	6.46	25.78	40,284
16-5	12/12/1997	0:00	7:10	Bottom	3.8	3.6	21.94	7.82	6.49	25.88	40,430
LB-1	12/12/1997	0:00	7:50	Surface	3.0	0.2	22.46	8.27	7.18	21.46	34,140
LB-1	12/12/1997	0:00	7:50	Mid	3.0	1.0	22.44	8.29	7.22	21.64	34,406
LB-1	12/12/1997	0:00	7:50	Bottom	3.0	2.8	22.44	8.29	7.27	21.77	34,592
LB-2	12/12/1997	0:00	8:00	Surface	1.9	0.2	22.36	8.34	7.29	22.14	35,127
LB-2	12/12/1997	0:00	8:00	Mid	1.9	0.9	22.35	8.34	7.30	22.18	35,180
LB-2	12/12/1997	0:00	8:00	Bottom	1.9	1.7	22.35	8.34	7.31	22.19	35,187
LB-3	12/12/1997	0:00	8:10	Surface	1.4	0.2	22.23	8.31	7.31	22.58	35,750
LB-3	12/12/1997	0:00	8:10	Mid	1.4	0.7	22.23	8.31	7.33	22.62	35,812
LB-3	12/12/1997	0:00	8:10	Bottom	1.4	1.2	22.24	8.29	7.40	22.66	35,875
LB-4	12/12/1997	0:00	8:20	Surface	2.1	0.2	22.25	8.25	7.12	23.18	36,600
LB-4	12/12/1997	0:00	8:20	Mid	2.1	1.0	22.24	8.25	7.07	23.18	36,620
LB-4	12/12/1997	0:00	8:20	Bottom	2.1	1.9	22.27	8.25	7.01	23.20	36,646
LB-5	12/12/1997	0:00	8:30	Surface	1.3	0.2	22.31	8.08	5.56	24.61	38,648
LB-5	12/12/1997	0:00	8:30	Mid	1.3	0.6	22.31	8.08	6.58	24.63	38,652
LB-5	12/12/1997	0:00	8:30	Bottom	1.3	1.1	22.30	8.09	6.59	24.60	38,730
ML-1	12/11/1997	0:00	7:15	Surface	2.2	0.2	20.39	6.84	6.77	0.07	147
ML-1	12/11/1997	0:00	7:15	Mid	2.2	1.0	20.32	6.84	6.78	0.07	146
ML-1	12/11/1997	0:00	7:15	Bottom	2.2	2.0	20.31	6.88	6.81	0.07	146
ML-2	12/11/1997	0:00	7:20	Surface	2.1	0.2	20.41	6.84	6.94	0.07	146
ML-2	12/11/1997	0:00	7:20	Mid	2.1	1.0	20.41	6.87	6.97	0.07	147
ML-2	12/11/1997	0:00	7:20	Bottom	2.1	1.9	20.39	6.91	7.00	0.07	148
ML-3	12/11/1997	0:00	7:30	Surface	1.2	0.2	20.57	6.87	7.03	0.07	156
ML-3	12/11/1997	0:00	7:30	Mid	1.2	0.6	20.59	6.88	7.04	0.07	157
ML-3	12/11/1997	0:00	7:30	Bottom	1.2	1.0	20.62	6.91	7.07	0.08	161
ML-4	12/11/1997	0:00	7:40	Surface	1.8	0.2	20.82	6.93	7.64	0.18	401
ML-4	12/11/1997	0:00	7:40	Mid	1.8	0.9	20.85	6.94	7.67	0.15	338
ML-4	12/11/1997	0:00	7:40	Bottom	1.8	1.6	20.87	6.94	7.74	0.18	377
ML-5	12/11/1997	0:00	7:55	Surface	1.2	0.2	20.85	7.12	7.58	0.16	340
ML-5	12/11/1997	0:00	7:55	Mid	1.2	0.6	20.85	7.14	7.61	0.16	342
ML-5	12/11/1997	0:00	7:55	Bottom	1.2	1.0	20.86	7.17	7.67	0.16	343
MU-1	12/11/1997	0:00	6:05	Surface	2.7	0.2	20.53	6.85	6.47	0.06	129
MU-1	12/11/1997	0:00	6:05	Mid	2.7	1.0	20.53	6.86	6.50	0.06	129
MU-1	12/11/1997	0:00	6:05	Bottom	2.7	2.5	20.53	6.89	6.54	0.06	120
MU-2	12/11/1997	0:00	6:15	Surface	2.9	0.2	20.45	6.81	6.35	0.06	138
MU-2	12/11/1997	0:00	6:15	Mid	2.9	1.0	20.45	6.82	6.36	0.06	139
MU-2	12/11/1997	0:00	6:15	Bottom	2.9	2.7	20.44	6.86	6.40	0.07	138
MU-3	12/11/1997	0:00	6:45	Surface	2.4	0.2	20.25	6.82	6.29	0.07	144
MU-3	12/11/1997	0:00	6:45	Mid	2.4	1.0	20.25	6.85	6.31	0.07	143
MU-3	12/11/1997	0:00	6:45	Bottom	2.4	2.2	20.25	6.96	6.44	0.07	142
MU-4	12/11/1997	0:00	6:55	Surface	1.2	0.2	20.25	6.92	6.36	0.07	149
MU-4	12/11/1997	0:00	6:55	Mid	1.2	0.6	20.26	6.93	6.35	0.07	152
MU-4	12/11/1997	0:00	6:55	Bottom	1.2	1.0	20.30	6.95	6.31	0.07	158
MU-5	12/11/1997	0:00	7:05	Surface	2.3	0.2	20.21	6.83	6.66	0.07	144
MU-5	12/11/1997	0:00	7:05	Mid	2.3	1.0	20.21	6.85	6.67	0.07	143

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the Period from January 1997 through August 1997.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct (µS/cm)	
MU-5	12/11/1997	0:00	7:05	Bottom	2.3	2.1	20.19	6.87	6.69	0.07	143

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
10-1	1/6/1997 0:00	10:14	3.0	1.0	719.40	422.50	-1.0645
10-1	1/6/1997 0:00	10:14	3.0	1.0	719.70	423.00	-1.0629
10-1	1/6/1997 0:00	10:14	3.0	1.0	726.00	425.80	-1.0672
10-2	1/6/1997 0:00	10:14	1.5	0.7	685.50	418.10	-0.9889
10-2	1/6/1997 0:00	10:14	1.5	0.7	680.70	417.80	-0.9762
10-2	1/6/1997 0:00	10:14	1.5	0.7	693.70	424.60	-0.9818
10-3	1/6/1997 0:00	10:34	2.7	1.0	769.80	550.20	-0.6717
10-3	1/6/1997 0:00	10:34	2.7	1.0	760.00	543.60	-0.6702
10-3	1/6/1997 0:00	10:34	2.7	1.0	759.00	541.80	-0.6742
10-4	1/6/1997 0:00	10:44	1.2	0.6	844.00	507.60	-1.0169
10-4	1/6/1997 0:00	10:44	1.2	0.6	824.80	491.20	-1.0366
10-4	1/6/1997 0:00	10:44	1.2	0.6	760.00	439.20	-1.0967
10-5	1/6/1997 0:00	10:57	2.3	1.0	702.00	448.40	-0.8965
10-5	1/6/1997 0:00	10:57	2.3	1.0	698.00	443.50	-0.9070
10-5	1/6/1997 0:00	10:57	2.3	1.0	694.30	442.00	-0.9032
11-1	1/6/1997 0:00	11:06	3.1	1.0	913.30	670.60	-0.6178
11-1	1/6/1997 0:00	11:06	3.1	1.0	912.10	674.20	-0.6044
11-1	1/6/1997 0:00	11:06	3.1	1.0	927.10	677.40	-0.6276
11-2	1/6/1997 0:00	11:19	3.2	1.0	963.80	737.50	-0.5352
11-2	1/6/1997 0:00	11:19	3.2	1.0	949.50	729.80	-0.5263
11-2	1/6/1997 0:00	11:19	3.2	1.0	958.00	735.10	-0.5297
11-3	1/6/1997 0:00	11:30	2.7	1.0	957.40	726.40	-0.5522
11-3	1/6/1997 0:00	11:30	2.7	1.0	965.10	734.60	-0.5458
11-3	1/6/1997 0:00	11:30	2.7	1.0	960.80	728.00	-0.5549
11-4	1/6/1997 0:00	11:45	3.6	1.0	852.00	705.80	-0.3765
11-4	1/6/1997 0:00	11:45	3.6	1.0	835.00	693.20	-0.3722
11-4	1/6/1997 0:00	11:45	2.8	1.0	848.90	699.50	-0.3872
11-4 Rep	1/6/1997 0:00	11:58	3.6	1.0	849.60	571.70	-0.7923
11-4 Rep	1/6/1997 0:00	11:58	3.6	1.0	830.00	555.40	-0.8035
11-4 Rep	1/6/1997 0:00	11:58	3.6	1.0	854.80	572.30	-0.8024
11-5	1/6/1997 0:00	12:09	2.6	1.0	898.70	568.30	-0.9166
11-5	1/6/1997 0:00	12:09	2.6	1.0	921.90	580.00	-0.9268
11-5	1/6/1997 0:00	12:09	2.6	1.0	911.60	574.20	-0.9244
13-1	1/7/1997 0:00	10:50	1.6	0.8	119.60	59.52	-1.3957
13-1	1/7/1997 0:00	10:50	1.6	0.8	110.70	55.94	-1.3651
13-1	1/7/1997 0:00	10:50	1.6	0.8	108.60	55.35	-1.3480
13-2	1/7/1997 0:00	10:50	1.3	0.6	106.30	54.95	-1.3197
13-2	1/7/1997 0:00	10:50	1.3	0.6	105.30	54.86	-1.3041
13-2	1/7/1997 0:00	10:50	1.3	0.6	102.60	53.42	-1.3053
13-3	1/7/1997 0:00	11:13	1.5	0.7	255.60	123.20	-1.4596
13-3	1/7/1997 0:00	11:13	1.5	0.7	254.10	122.00	-1.4674
13-3	1/7/1997 0:00	11:13	1.5	0.7	252.70	120.60	-1.4794
13-4	1/7/1997 0:00	11:32	1.1	0.5	604.10	256.00	-1.7171
13-4	1/7/1997 0:00	11:32	1.1	0.5	590.10	249.10	-1.7249
13-4	1/7/1997 0:00	11:32	1.1	0.5	591.80	250.50	-1.7194
13-5	1/7/1997 0:00	11:39	2.4	1.0	132.00	54.83	-1.7571
13-5	1/7/1997 0:00	11:39	2.4	1.0	127.70	53.26	-1.7490

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
13-5	1/7/1997 0:00	11:39	2.4	1.0	129.10	53.79	-1.7510
14-1	1/7/1997 0:00	11:56	1.3	0.6	89.44	32.11	-2.0488
14-1	1/7/1997 0:00	11:56	1.3	0.6	87.81	31.99	-2.0195
14-1	1/7/1997 0:00	11:56	1.3	0.6	86.96	31.88	-2.0069
14-2	1/7/1997 0:00	12:20	1.2	0.6	1128.00	375.20	-2.2015
14-2	1/7/1997 0:00	12:20	1.2	0.6	1090.00	340.30	-2.3282
14-2	1/7/1997 0:00	12:20	1.2	0.6	1055.00	349.20	-2.2113
14-3	1/7/1997 0:00	12:37	1.0	0.5	74.76	27.02	-2.0354
14-3	1/7/1997 0:00	12:37	1.0	0.5	74.91	26.92	-2.0468
14-3	1/7/1997 0:00	12:37	1.0	0.5	75.01	26.77	-2.0607
14-4	1/7/1997 0:00	12:59	1.3	0.6	346.80	112.00	-2.2605
14-4	1/7/1997 0:00	12:59	1.3	0.6	268.30	85.28	-2.2923
14-4	1/7/1997 0:00	13:00	1.3	0.6	179.60	59.02	-2.2257
14-5	1/7/1997 0:00	13:13	1.3	0.6	95.54	40.33	-1.7249
14-5	1/7/1997 0:00	13:13	1.3	0.6	97.93	41.41	-1.7215
14-5	1/7/1997 0:00	13:13	1.3	0.6	109.10	46.25	-1.7164
14-5 Rep	1/7/1997 0:00	13:43	1.3	0.6	241.70	87.21	-2.0388
14-5 Rep	1/7/1997 0:00	13:43	1.3	0.6	241.90	88.68	-2.0070
14-5 Rep	1/7/1997 0:00	13:43	1.3	0.6	264.80	93.92	-2.0731
16-1	1/8/1997 0:00	10:25	1.3	0.6	220.70	143.90	-0.8554
16-1	1/8/1997 0:00	10:25	1.3	0.6	225.30	147.60	-0.8459
16-1	1/8/1997 0:00	10:25	1.3	0.6	222.90	145.10	-0.8586
16-2	1/8/1997 0:00	10:25	3.6	1.0	217.80	149.10	-0.7579
16-2	1/8/1997 0:00	10:26	3.6	1.0	218.60	150.50	-0.7466
16-2	1/8/1997 0:00	10:26	3.6	1.0	223.80	153.90	-0.7489
16-3	1/8/1997 0:00	10:47	1.6	0.8	336.40	248.40	-0.6065
16-3	1/8/1997 0:00	10:47	1.6	0.8	337.00	249.00	-0.6053
16-3	1/8/1997 0:00	10:47	1.6	0.8	339.10	250.90	-0.6025
16-4	1/8/1997 0:00	10:55	2.6	1.0	214.80	123.90	-1.1005
16-4	1/8/1997 0:00	10:55	2.6	1.0	214.60	124.10	-1.0954
16-4	1/8/1997 0:00	10:55	2.6	1.0	214.00	123.60	-1.0979
16-5	1/8/1997 0:00	11:12	3.4	1.0	358.60	203.90	-1.1292
16-5	1/8/1997 0:00	11:12	3.4	1.0	361.50	199.10	-1.1929
16-5	1/8/1997 0:00	11:12	3.4	1.0	359.40	197.30	-1.1994
LB-1	1/8/1997 0:00	11:25	3.1	1.0	480.60	277.30	-1.0999
LB-1	1/8/1997 0:00	11:25	3.1	1.0	465.80	275.60	-1.0496
LB-1	1/8/1997 0:00	11:25	3.1	1.0	460.40	268.70	-1.0770
LB-2	1/8/1997 0:00	12:26	1.3	0.6	1004.00	727.20	-0.6451
LB-2	1/8/1997 0:00	12:26	1.3	0.6	1008.00	730.40	-0.6443
LB-2	1/8/1997 0:00	12:26	1.3	0.6	1038.00	755.80	-0.6345
LB-3	1/8/1997 0:00	12:46	0.9	0.4	885.60	662.40	-0.5808
LB-3	1/8/1997 0:00	12:46	0.9	0.4	878.30	655.20	-0.5861
LB-3	1/8/1997 0:00	12:46	0.9	0.4	885.80	660.40	-0.5873
LB-4	1/8/1997 0:00	12:58	0.9	0.4	852.20	546.30	-0.8893
LB-4	1/8/1997 0:00	12:58	0.9	0.4	849.20	545.50	-0.8852
LB-4	1/8/1997 0:00	12:58	0.9	0.4	867.10	557.80	-0.8823
LB-5	1/8/1997 0:00	13:06	1.5	0.7	915.60	634.90	-0.7322

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
LB-5	1/8/1997 0:00	13:06	1.5	0.7	928.90	642.00	-0.7388
LB-5	1/8/1997 0:00	13:07	1.5	0.7	912.90	632.50	-0.7339
LB-5 Rep	1/8/1997 0:00	13:21	1.5	0.7	1126.00	801.40	-0.6801
LB-5 Rep	1/8/1997 0:00	13:21	1.5	0.7	1043.00	744.70	-0.6738
LB-5 Rep	1/8/1997 0:00	13:21	1.5	0.7	1052.00	747.30	-0.6840
ML-1	1/9/1997 0:00	10:13	3.4	1.0	801.50	464.50	-1.0910
ML-1	1/9/1997 0:00	10:13	3.4	1.0	839.50	489.10	-1.0805
ML-1	1/9/1997 0:00	10:13	3.4	1.0	822.20	476.80	-1.0898
ML-2	1/9/1997 0:00	10:13	1.8	0.9	807.30	469.00	-1.0862
ML-2	1/9/1997 0:00	10:13	1.8	0.9	818.80	480.00	-1.0681
ML-2	1/9/1997 0:00	10:13	1.8	0.9	812.40	475.70	-1.0704
ML-3	1/9/1997 0:00	10:28	1.3	0.6	350.00	168.10	-1.4667
ML-3	1/9/1997 0:00	10:28	1.3	0.6	348.80	172.30	-1.4105
ML-3	1/9/1997 0:00	10:28	1.3	0.6	342.10	163.20	-1.4803
ML-4	1/9/1997 0:00	10:38	1.3	0.6	465.80	211.70	-1.5772
ML-4	1/9/1997 0:00	10:38	1.3	0.6	470.40	214.80	-1.5678
ML-4	1/9/1997 0:00	10:38	1.3	0.6	469.20	213.30	-1.5767
ML-5	1/9/1997 0:00	10:47	0.6	0.3	632.20	365.50	-1.0959
ML-5	1/9/1997 0:00	10:47	0.6	0.3	635.50	371.30	-1.0748
ML-5	1/9/1997 0:00	10:47	0.6	0.3	650.20	388.20	-1.0315
ML-5 Rep	1/9/1997 0:00	10:55	0.6	0.3	535.90	360.80	-0.7912
ML-5 Rep	1/9/1997 0:00	10:55	0.6	0.3	537.90	360.60	-0.7998
ML-5 Rep	1/9/1997 0:00	10:55	0.6	0.3	530.00	354.40	-0.8049
MU-1	1/9/1997 0:00	11:05	1.0	0.5	621.80	430.40	-0.7358
MU-1	1/9/1997 0:00	11:06	1.0	0.5	617.60	426.70	-0.7395
MU-1	1/9/1997 0:00	11:06	1.0	0.5	635.40	440.20	-0.7341
MU-2	1/9/1997 0:00	11:24	2.0	1.0	849.80	540.40	-0.9054
MU-2	1/9/1997 0:00	11:24	2.0	1.0	836.20	530.90	-0.9086
MU-2	1/9/1997 0:00	11:24	2.0	1.0	833.50	530.70	-0.9029
MU-3	1/9/1997 0:00	11:43	2.7	1.0	739.80	464.20	-0.9321
MU-3	1/9/1997 0:00	11:43	2.7	1.0	744.50	465.60	-0.9388
MU-3	1/9/1997 0:00	11:43	2.7	1.0	755.80	474.60	-0.9306
MU-4	1/9/1997 0:00	11:53	0.7	0.3	368.40	227.20	-0.9667
MU-4	1/9/1997 0:00	11:53	0.7	0.3	368.10	226.80	-0.9686
MU-4	1/9/1997 0:00	11:53	0.7	0.3	364.60	224.30	-0.9716
MU-5	1/9/1997 0:00	12:02	2.1	1.0	653.30	427.30	-0.8491
MU-5	1/9/1997 0:00	12:02	2.1	1.0	688.30	451.80	-0.8420
MU-5	1/9/1997 0:00	12:02	2.1	1.0	675.90	444.70	-0.8373
10-1	2/13/1997 0:00	11:15	3.6	1.0	947.80	705.30	-0.5910
10-1	2/13/1997 0:00	11:15	3.6	1.0	949.60	709.40	-0.5832
10-1	2/13/1997 0:00	11:15	3.6	1.0	973.00	724.60	-0.5895
10-2	2/13/1997 0:00	11:50	1.3	0.6	1319.00	985.00	-0.5840
10-2	2/13/1997 0:00	11:50	1.3	0.6	1318.00	983.70	-0.5851
10-2	2/13/1997 0:00	11:50	1.3	0.6	1289.00	960.00	-0.5894
10-3	2/13/1997 0:00	11:35	1.6	0.8	1230.00	880.20	-0.6692
10-3	2/13/1997 0:00	11:35	1.6	0.8	1183.00	847.80	-0.6663

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient	
10-3	2/13/1997	0:00	11:35	1.6	0.8	1257.00	899.70	-0.6688
10-4	2/13/1997	0:00	12:05	2.8	1.0	1186.00	831.90	-0.7093
10-4	2/13/1997	0:00	12:05	2.8	1.0	1176.00	828.90	-0.6995
10-4	2/13/1997	0:00	12:05	2.8	1.0	1180.00	834.60	-0.6926
10-5	2/13/1997	0:00	12:20	4.6	1.0	1412.00	1051.00	-0.5905
10-5	2/13/1997	0:00	12:20	4.6	1.0	1467.00	1088.00	-0.5978
10-5	2/13/1997	0:00	12:20	4.6	1.0	1433.00	1064.00	-0.5955
11-1	2/13/1997	0:00	11:00	1.7	0.8	753.30	462.00	-0.9778
11-1	2/13/1997	0:00	11:00	1.7	0.8	740.50	455.20	-0.9732
11-1	2/13/1997	0:00	11:00	1.7	0.8	966.20	594.40	-0.9716
11-2	2/13/1997	0:00	10:35	2.4	1.0	478.10	360.60	-0.5641
11-2	2/13/1997	0:00	10:35	2.4	1.0	501.60	378.40	-0.5637
11-2	2/13/1997	0:00	10:35	2.4	1.0	526.00	397.40	-0.5607
11-3	2/13/1997	0:00	10:00	2.7	1.0	375.40	288.90	-0.5238
11-3	2/13/1997	0:00	10:00	2.7	1.0	350.20	269.70	-0.5224
11-3	2/13/1997	0:00	10:00	2.7	1.0	344.70	265.50	-0.5221
11-3 Rep	2/13/1997	0:00	10:15	2.7	1.0	414.80	319.40	-0.5227
11-3 Rep	2/13/1997	0:00	10:15	2.7	1.0	405.20	312.40	-0.5202
11-3 Rep	2/13/1997	0:00	10:15	2.7	1.0	404.40	311.10	-0.5246
11-4	2/13/1997	0:00	12:50	3.0	1.0	500.50	211.80	-1.7199
11-4	2/13/1997	0:00	12:50	3.0	1.0	466.60	198.30	-1.7114
11-4	2/13/1997	0:00	12:50	3.0	1.0	469.00	199.00	-1.7146
11-5	2/13/1997	0:00	12:35	3.0	1.0	1261.00	749.30	-1.0410
11-5	2/13/1997	0:00	12:35	3.0	1.0	1372.00	813.50	-1.0454
11-5	2/13/1997	0:00	12:35	3.0	1.0	1497.00	871.70	-1.0815
13-1	2/10/1997	0:00	13:05	2.0	1.0	234.30	135.90	-1.0894
13-1	2/10/1997	0:00	13:05	2.0	1.0	233.50	135.80	-1.0840
13-1	2/10/1997	0:00	13:05	2.0	1.0	232.10	135.00	-1.0838
13-2	2/10/1997	0:00	12:45	2.1	1.0	377.50	243.80	-0.8744
13-2	2/10/1997	0:00	12:45	2.1	1.0	385.00	248.00	-0.8796
13-2	2/10/1997	0:00	12:45	2.1	1.0	380.10	245.60	-0.8735
13-3	2/10/1997	0:00	12:10	1.3	0.6	268.10	160.70	-1.0236
13-3	2/10/1997	0:00	12:10	1.3	0.6	277.40	167.50	-1.0090
13-3	2/10/1997	0:00	12:10	1.3	0.6	273.10	165.40	-1.0029
13-4	2/10/1997	0:00	11:55	1.2	0.6	283.90	179.60	-0.9158
13-4	2/10/1997	0:00	11:55	1.2	0.6	284.80	180.20	-0.9154
13-4	2/10/1997	0:00	11:55	1.2	0.6	285.70	181.00	-0.9129
13-5	2/10/1997	0:00	11:40	1.9	0.9	172.20	96.54	-1.1574
13-5	2/10/1997	0:00	11:40	1.9	0.9	165.50	94.50	-1.1207
13-5	2/10/1997	0:00	11:40	1.9	0.9	159.20	91.74	-1.1024
14-1	2/10/1997	0:00	11:25	1.6	0.8	119.60	69.58	-1.0834
14-1	2/10/1997	0:00	11:25	1.6	0.8	115.30	68.66	-1.0367
14-1	2/10/1997	0:00	11:25	1.6	0.8	121.20	70.80	-1.0752
14-2	2/10/1997	0:00	11:10	1.7	0.8	178.50	99.21	-1.1747
14-2	2/10/1997	0:00	11:10	1.7	0.8	168.80	93.80	-1.1751
14-2	2/10/1997	0:00	11:10	1.7	0.8	164.10	91.50	-1.1683
14-3	2/10/1997	0:00	10:55	1.3	0.6	169.20	84.48	-1.3891

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
14-3	2/10/1997 0:00	10:55	1.3	0.6	168.10	84.30	-1.3804
14-3	2/10/1997 0:00	10:55	1.3	0.6	170.70	85.33	-1.3868
14-4	2/10/1997 0:00	10:40	1.5	0.7	188.50	97.74	-1.3136
14-4	2/10/1997 0:00	10:40	1.5	0.7	187.30	97.72	-1.3012
14-4	2/10/1997 0:00	10:40	1.5	0.7	187.50	97.71	-1.3035
14-5	2/10/1997 0:00	10:10	1.5	0.7	251.70	130.40	-1.3153
14-5	2/10/1997 0:00	10:10	1.5	0.7	249.70	129.50	-1.3132
14-5	2/10/1997 0:00	10:10	1.5	0.7	250.80	129.20	-1.3266
14-5 Rep	2/10/1997 0:00	10:15	1.5	0.7	244.60	126.40	-1.3203
14-5 Rep	2/10/1997 0:00	10:15	1.5	0.7	241.60	124.90	-1.3195
14-5 Rep	2/10/1997 0:00	10:15	1.5	0.7	239.30	123.40	-1.3246
16-1	2/11/1997 0:00	12:45	1.4	0.7	1037.00	660.90	-0.9010
16-1	2/11/1997 0:00	12:45	1.4	0.7	1031.00	656.40	-0.9030
16-1	2/11/1997 0:00	12:45	1.4	0.7	1041.00	661.20	-0.9078
16-2	2/11/1997 0:00	13:00	1.7	0.8	803.00	464.80	-1.0935
16-2	2/11/1997 0:00	13:00	1.7	0.8	801.40	463.10	-1.0968
16-2	2/11/1997 0:00	13:00	1.7	0.8	803.70	464.90	-1.0948
16-3	2/11/1997 0:00	13:10	1.7	0.8	982.10	656.60	-0.8052
16-3	2/11/1997 0:00	13:10	1.7	0.8	992.40	663.50	-0.8052
16-3	2/11/1997 0:00	13:10	1.7	0.8	993.00	664.30	-0.8040
16-4	2/11/1997 0:00	13:20	1.5	0.7	933.80	730.40	-0.4913
16-4	2/11/1997 0:00	13:20	1.5	0.7	912.40	712.00	-0.4960
16-4	2/11/1997 0:00	13:20	1.5	0.7	913.60	714.60	-0.4913
16-5	2/11/1997 0:00	12:20	1.4	0.7	1202.00	765.60	-0.9022
16-5	2/11/1997 0:00	12:20	1.4	0.7	1203.00	764.40	-0.9070
16-5	2/11/1997 0:00	12:20	1.4	0.7	1253.00	797.00	-0.9049
LB-1	2/11/1997 0:00	11:30	2.9	1.0	851.90	551.00	-0.8715
LB-1	2/11/1997 0:00	11:30	2.9	1.0	848.20	545.40	-0.8832
LB-1	2/11/1997 0:00	11:30	2.9	1.0	854.40	551.30	-0.8762
LB-2	2/11/1997 0:00	11:05	3.0	1.0	504.20	349.10	-0.7352
LB-2	2/11/1997 0:00	11:05	3.0	1.0	498.40	344.60	-0.7380
LB-2	2/11/1997 0:00	11:05	3.0	1.0	486.00	336.50	-0.7352
LB-3	2/11/1997 0:00	10:30	2.3	1.0	656.60	328.60	-1.3845
LB-3	2/11/1997 0:00	10:30	2.3	1.0	658.10	330.00	-1.3805
LB-3	2/11/1997 0:00	10:30	2.3	1.0	648.30	324.40	-1.3848
LB-4	2/11/1997 0:00	10:15	1.8	0.9	559.60	356.10	-0.9040
LB-4	2/11/1997 0:00	10:15	1.8	0.9	550.10	349.30	-0.9083
LB-4	2/11/1997 0:00	10:15	1.8	0.9	645.40	411.40	-0.9006
LB-5	2/11/1997 0:00	10:00	1.5	0.7	768.70	478.60	-0.9477
LB-5	2/11/1997 0:00	10:00	1.5	0.7	763.20	475.70	-0.9455
LB-5	2/11/1997 0:00	10:00	1.5	0.7	786.40	489.80	-0.9469
LB-5 Rep	2/11/1997 0:00	10:05	1.5	0.7	786.90	490.20	-0.9466
LB-5 Rep	2/11/1997 0:00	10:05	1.5	0.7	798.40	498.80	-0.9408
LB-5 Rep	2/11/1997 0:00	10:05	1.5	0.7	769.80	479.40	-0.9472
ML-1	2/12/1997 0:00	10:40	1.7	0.8	330.20	150.70	-1.5688
ML-1	2/12/1997 0:00	10:40	1.7	0.8	393.40	179.50	-1.5693
ML-1	2/12/1997 0:00	10:40	1.7	0.8	399.40	182.50	-1.5664

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
ML-2	2/12/1997 0:00	10:30	1.0	0.5	248.80	103.90	-1.7464
ML-2	2/12/1997 0:00	10:30	1.0	0.5	245.00	101.70	-1.7585
ML-2	2/12/1997 0:00	10:30	1.0	0.5	250.60	104.40	-1.7513
ML-3	2/12/1997 0:00	10:20	3.5	1.0	144.40	71.34	-1.4103
ML-3	2/12/1997 0:00	10:20	3.5	1.0	142.70	70.71	-1.4043
ML-3	2/12/1997 0:00	10:20	3.5	1.0	144.10	71.27	-1.4081
ML-4	2/12/1997 0:00	10:10	1.2	0.6	458.10	221.70	-1.4515
ML-4	2/12/1997 0:00	10:10	1.2	0.6	448.30	216.20	-1.4585
ML-4	2/12/1997 0:00	10:10	1.2	0.6	447.60	215.70	-1.4600
ML-5	2/12/1997 0:00	9:55	1.3	0.6	439.90	208.90	-1.4894
ML-5	2/12/1997 0:00	9:55	1.3	0.6	401.60	191.10	-1.4853
ML-5	2/12/1997 0:00	9:55	1.3	0.6	445.90	212.40	-1.4832
ML-5 Rep	2/12/1997 0:00	10:00	1.3	0.6	512.60	244.00	-1.4847
ML-5 Rep	2/12/1997 0:00	10:00	1.3	0.6	500.60	238.30	-1.4846
ML-5 Rep	2/12/1997 0:00	10:00	1.3	0.6	525.30	249.90	-1.4858
MU-1	2/12/1997 0:00	12:00	2.3	1.0	355.10	166.20	-1.5184
MU-1	2/12/1997 0:00	12:00	2.3	1.0	392.60	184.50	-1.5103
MU-1	2/12/1997 0:00	12:00	2.3	1.0	398.50	186.50	-1.5186
MU-2	2/12/1997 0:00	11:45	2.6	1.0	431.30	170.80	-1.8526
MU-2	2/12/1997 0:00	11:45	2.6	1.0	459.00	182.90	-1.8402
MU-2	2/12/1997 0:00	11:45	2.6	1.0	502.20	198.60	-1.8554
MU-3	2/12/1997 0:00	11:25	1.1	0.5	441.40	164.60	-1.9729
MU-3	2/12/1997 0:00	11:25	1.1	0.5	451.30	168.30	-1.9728
MU-3	2/12/1997 0:00	11:25	1.1	0.5	453.60	168.60	-1.9794
MU-4	2/12/1997 0:00	11:15	1.2	0.6	519.60	225.00	-1.6739
MU-4	2/12/1997 0:00	11:15	1.2	0.6	470.10	202.40	-1.6854
MU-4	2/12/1997 0:00	11:15	1.2	0.6	449.80	193.90	-1.6829
MU-5	2/12/1997 0:00	11:00	1.5	0.7	359.00	189.00	-1.2832
MU-5	2/12/1997 0:00	11:00	1.5	0.7	356.40	187.30	-1.2867
MU-5	2/12/1997 0:00	11:00	1.5	0.7	340.90	179.00	-1.2884
10-1	3/10/1997 0:00	12:15	3.5	1.0	1355.00	1040.00	-0.5292
10-1	3/10/1997 0:00	12:15	3.5	1.0	1231.00	945.90	-0.5269
10-1	3/10/1997 0:00	12:15	3.5	1.0	1245.00	958.00	-0.5241
10-2	3/10/1997 0:00	11:40	1.5	0.7	1164.00	836.30	-0.6613
10-2	3/10/1997 0:00	11:40	1.5	0.7	1201.00	858.80	-0.6707
10-2	3/10/1997 0:00	11:40	1.5	0.7	1187.00	849.20	-0.6698
10-3	3/10/1997 0:00	12:00	1.6	0.8	1334.00	1047.00	-0.4845
10-3	3/10/1997 0:00	12:00	1.6	0.8	1320.00	1038.00	-0.4807
10-3	3/10/1997 0:00	12:00	1.6	0.8	1328.00	1041.00	-0.4870
10-4	3/10/1997 0:00	11:20	3.6	1.0	1163.00	822.30	-0.6933
10-4	3/10/1997 0:00	11:20	3.6	1.0	1176.00	834.00	-0.6873
10-4	3/10/1997 0:00	11:20	3.6	1.0	1154.00	815.20	-0.6951
10-5	3/10/1997 0:00	10:50	1.8	0.9	1183.00	842.90	-0.6779
10-5	3/10/1997 0:00	10:50	1.8	0.9	1160.00	828.20	-0.6738
10-5	3/10/1997 0:00	10:50	1.8	0.9	1143.00	816.30	-0.6733
11-1	3/10/1997 0:00	12:30	3.6	1.0	1273.00	854.20	-0.7979

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient	
11-1	3/10/1997	0:00	12:30	3.6	1.0	1297.00	869.80	-0.7991
11-1	3/10/1997	0:00	12:30	3.6	1.0	1307.00	877.70	-0.7964
11-2	3/10/1997	0:00	12:45	3.6	1.0	1150.00	814.90	-0.6889
11-2	3/10/1997	0:00	12:45	3.6	1.0	1151.00	815.00	-0.6904
11-2	3/10/1997	0:00	12:45	3.6	1.0	1174.00	828.80	-0.6964
11-3	3/10/1997	0:00	13:05	3.6	1.0	793.80	510.50	-0.8829
11-3	3/10/1997	0:00	13:05	3.6	1.0	790.00	507.40	-0.8855
11-3	3/10/1997	0:00	13:05	3.6	1.0	802.50	515.70	-0.8844
11-4	3/10/1997	0:00	11:05	3.7	1.0	1075.00	777.60	-0.6477
11-4	3/10/1997	0:00	11:05	3.7	1.0	1091.00	788.80	-0.6487
11-4	3/10/1997	0:00	11:05	3.7	1.0	1091.00	785.80	-0.6563
11-5	3/10/1997	0:00	10:30	3.0	1.0	1193.00	758.80	-0.9050
11-5	3/10/1997	0:00	10:30	3.0	1.0	1167.00	742.80	-0.9035
11-5	3/10/1997	0:00	10:30	3.0	1.0	1193.00	760.00	-0.9018
11-5 Rep	3/10/1997	0:00	10:35	3.0	1.0	1101.00	698.70	-0.9095
11-5 Rep	3/10/1997	0:00	10:35	3.0	1.0	1145.00	728.00	-0.9057
11-5 Rep	3/10/1997	0:00	10:35	3.0	1.0	1160.00	738.20	-0.9039
13-1	3/11/1997	0:00	12:45	1.7	0.8	788.80	510.20	-0.8714
13-1	3/11/1997	0:00	12:45	1.7	0.8	795.60	516.00	-0.8660
13-1	3/11/1997	0:00	12:45	1.7	0.8	785.40	506.50	-0.8773
13-2	3/11/1997	0:00	12:30	1.5	0.7	1222.00	840.70	-0.7480
13-2	3/11/1997	0:00	12:30	1.5	0.7	1215.00	838.10	-0.7427
13-2	3/11/1997	0:00	12:30	1.5	0.7	1250.00	859.40	-0.7493
13-3	3/11/1997	0:00	12:15	1.7	0.8	1191.00	796.60	-0.8044
13-3	3/11/1997	0:00	12:15	1.7	0.8	1183.00	791.80	-0.8030
13-3	3/11/1997	0:00	12:15	1.7	0.8	1160.00	777.40	-0.8004
13-4	3/11/1997	0:00	12:00	3.0	1.0	1317.00	846.10	-0.8849
13-4	3/11/1997	0:00	12:00	3.0	1.0	1266.00	816.60	-0.8769
13-4	3/11/1997	0:00	12:00	3.0	1.0	1190.60	767.00	-0.8795
13-5	3/11/1997	0:00	11:20	2.1	1.0	1048.30	754.10	-0.6588
13-5	3/11/1997	0:00	11:20	2.1	1.0	1029.00	740.10	-0.6591
13-5	3/11/1997	0:00	11:20	2.1	1.0	1032.00	740.80	-0.6630
14-1	3/11/1997	0:00	11:05	1.8	0.9	1023.00	714.50	-0.7178
14-1	3/11/1997	0:00	11:05	1.8	0.9	1015.00	710.10	-0.7145
14-1	3/11/1997	0:00	11:05	1.8	0.9	995.50	695.90	-0.7161
14-2	3/11/1997	0:00	10:50	0.8	0.4	734.20	456.60	-0.9499
14-2	3/11/1997	0:00	10:50	0.8	0.4	735.00	457.70	-0.9473
14-2	3/11/1997	0:00	10:50	0.8	0.4	717.80	451.70	-0.9263
14-3	3/11/1997	0:00	10:40	1.7	0.8	987.40	585.20	-1.0462
14-3	3/11/1997	0:00	10:40	1.7	0.8	959.70	578.00	-1.0141
14-3	3/11/1997	0:00	10:40	1.7	0.8	960.40	565.90	-1.0579
14-4	3/11/1997	0:00	10:25	2.1	1.0	647.80	287.20	-1.6268
14-4	3/11/1997	0:00	10:25	2.1	1.0	637.40	283.50	-1.6204
14-4	3/11/1997	0:00	10:25	2.1	1.0	630.10	279.70	-1.6243
14-5	3/11/1997	0:00	10:00	1.4	0.7	775.80	500.30	-0.8774
14-5	3/11/1997	0:00	10:00	1.4	0.7	773.00	498.90	-0.8757
14-5	3/11/1997	0:00	10:00	1.4	0.7	767.30	493.60	-0.8823

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
14-5 Rep	3/11/1997 0:00	10:10	1.4	0.7	565.60	268.70	-1.4886
14-5 Rep	3/11/1997 0:00	10:10	1.4	0.7	584.60	276.30	-1.4989
14-5 Rep	3/11/1997 0:00	10:10	1.4	0.7	594.50	282.10	-1.4909
16-1	3/12/1997 0:00	12:45	1.3	0.6	476.80	215.20	-1.5911
16-1	3/12/1997 0:00	12:45	1.3	0.6	433.20	195.90	-1.5872
16-1	3/12/1997 0:00	12:45	1.3	0.6	444.50	199.80	-1.5993
16-2	3/12/1997 0:00	12:25	3.0	1.0	972.70	804.70	-0.3792
16-2	3/12/1997 0:00	12:25	3.0	1.0	961.40	788.30	-0.3970
16-2	3/12/1997 0:00	12:25	3.0	1.0	973.30	805.60	-0.3782
16-3	3/12/1997 0:00	12:15	1.6	0.8	1054.00	839.10	-0.4560
16-3	3/12/1997 0:00	12:15	1.6	0.8	1052.00	844.20	-0.4401
16-3	3/12/1997 0:00	12:15	1.6	0.8	1035.50	835.10	-0.4302
16-4	3/12/1997 0:00	12:00	2.3	1.0	1364.00	941.30	-0.7418
16-4	3/12/1997 0:00	12:00	2.3	1.0	1365.00	939.80	-0.7465
16-4	3/12/1997 0:00	12:00	2.3	1.0	1357.00	937.00	-0.7407
16-5	3/12/1997 0:00	11:45	2.5	1.0	1313.00	954.10	-0.6386
16-5	3/12/1997 0:00	11:45	2.5	1.0	1284.00	929.00	-0.6473
16-5	3/12/1997 0:00	11:45	2.5	1.0	1213.00	876.20	-0.6505
LB-1	3/12/1997 0:00	11:10	3.0	1.0	1434.00	997.90	-0.7251
LB-1	3/12/1997 0:00	11:10	3.0	1.0	1444.00	1002.00	-0.7308
LB-1	3/12/1997 0:00	11:10	3.0	1.0	1411.00	978.10	-0.7329
LB-2	3/12/1997 0:00	10:55	2.5	1.0	877.10	616.60	-0.7048
LB-2	3/12/1997 0:00	10:55	2.5	1.0	888.00	628.00	-0.6929
LB-2	3/12/1997 0:00	10:55	2.5	1.0	893.90	634.80	-0.6846
LB-3	3/12/1997 0:00	10:40	1.2	0.6	835.40	531.40	-0.9048
LB-3	3/12/1997 0:00	10:40	1.2	0.6	812.20	518.20	-0.8988
LB-3	3/12/1997 0:00	10:40	1.2	0.6	809.90	514.00	-0.9094
LB-4	3/12/1997 0:00	10:25	1.3	0.6	895.40	556.00	-0.9530
LB-4	3/12/1997 0:00	10:25	1.3	0.6	912.60	563.90	-0.9628
LB-4	3/12/1997 0:00	10:25	1.3	0.6	907.90	556.40	-0.9793
LB-5	3/12/1997 0:00	10:00	1.4	0.7	785.40	508.20	-0.8706
LB-5	3/12/1997 0:00	10:00	1.4	0.7	788.40	510.10	-0.8708
LB-5	3/12/1997 0:00	10:00	1.4	0.7	785.20	506.80	-0.8756
LB-5 Rep	3/12/1997 0:00	10:10	1.4	0.7	845.80	569.50	-0.7910
LB-5 Rep	3/12/1997 0:00	10:10	1.4	0.7	852.40	572.80	-0.7950
LB-5 Rep	3/12/1997 0:00	10:10	1.4	0.7	855.70	577.10	-0.7878
ML-1	3/13/1997 0:00	10:55	2.3	1.0	534.20	252.00	-1.5027
ML-1	3/13/1997 0:00	10:55	2.3	1.0	513.30	242.20	-1.5022
ML-1	3/13/1997 0:00	10:55	2.3	1.0	519.20	245.90	-1.4947
ML-2	3/13/1997 0:00	10:45	1.6	0.8	373.70	180.30	-1.4577
ML-2	3/13/1997 0:00	10:45	1.6	0.8	362.50	173.80	-1.4702
ML-2	3/13/1997 0:00	10:45	1.6	0.8	378.20	181.70	-1.4661
ML-3	3/13/1997 0:00	10:30	3.3	1.0	549.60	230.60	-1.7370
ML-3	3/13/1997 0:00	10:30	3.3	1.0	534.40	223.50	-1.7435
ML-3	3/13/1997 0:00	10:30	3.3	1.0	524.30	219.30	-1.7432
ML-4	3/13/1997 0:00	10:20	1.4	0.7	384.90	185.40	-1.4609
ML-4	3/13/1997 0:00	10:20	1.4	0.7	371.60	178.40	-1.4676

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
ML-4	3/13/1997 0:00	10:20	1.4	0.7	346.40	167.10	-1.4580
ML-5	3/13/1997 0:00	10:00	1.1	0.5	467.30	211.60	-1.5845
ML-5	3/13/1997 0:00	10:00	1.1	0.5	456.80	206.20	-1.5908
ML-5	3/13/1997 0:00	10:00	1.1	0.5	469.60	211.30	-1.5972
ML-5 Rep	3/13/1997 0:00	10:10	1.1	0.5	322.80	132.00	-1.7885
ML-5 Rep	3/13/1997 0:00	10:10	1.1	0.5	320.40	131.90	-1.7751
ML-5 Rep	3/13/1997 0:00	10:10	1.1	0.5	328.30	134.70	-1.7818
MU-1	3/13/1997 0:00	12:35	2.0	1.0	682.00	253.00	-1.9833
MU-1	3/13/1997 0:00	12:35	2.0	1.0	694.00	257.00	-1.9868
MU-1	3/13/1997 0:00	12:35	2.0	1.0	694.80	257.70	-1.9837
MU-2	3/13/1997 0:00	12:15	3.3	1.0	358.20	167.20	-1.5238
MU-2	3/13/1997 0:00	12:15	3.3	1.0	344.10	159.30	-1.5403
MU-2	3/13/1997 0:00	12:15	3.3	1.0	346.70	161.20	-1.5316
MU-3	3/13/1997 0:00	11:50	1.9	0.9	484.10	189.70	-1.8737
MU-3	3/13/1997 0:00	11:50	1.9	0.9	478.60	186.20	-1.8881
MU-3	3/13/1997 0:00	11:50	1.9	0.9	486.40	190.70	-1.8727
MU-4	3/13/1997 0:00	11:30	1.6	0.8	720.90	297.10	-1.7729
MU-4	3/13/1997 0:00	11:30	1.6	0.8	654.30	270.60	-1.7658
MU-4	3/13/1997 0:00	11:30	1.6	0.8	617.30	257.60	-1.7479
MU-5	3/13/1997 0:00	11:10	3.0	1.0	469.20	245.70	-1.2938
MU-5	3/13/1997 0:00	11:10	3.0	1.0	424.60	221.70	-1.2996
MU-5	3/13/1997 0:00	11:10	3.0	1.0	446.60	235.80	-1.2774
10-1	4/21/1997 0:00	12:10	2.8	1.0	1153.0	887.4	-0.5237
10-1	4/21/1997 0:00	12:10	2.8	1.0	1115.0	851.3	-0.5397
10-1	4/21/1997 0:00	12:10	2.8	1.0	1116.0	855.0	-0.5328
10-2	4/21/1997 0:00	12:50	2.9	1.0	1179.0	907.2	-0.5241
10-2	4/21/1997 0:00	12:50	2.9	1.0	1239.0	948.0	-0.5354
10-2	4/21/1997 0:00	12:50	2.9	1.0	1274.0	969.0	-0.5473
10-3	4/21/1997 0:00	12:30	3.4	1.0	1172.0	884.6	-0.5627
10-3	4/21/1997 0:00	12:30	3.4	1.0	1180.0	892.1	-0.5594
10-3	4/21/1997 0:00	12:30	3.4	1.0	1184.0	897.7	-0.5536
10-4	4/21/1997 0:00	13:00	1.5	0.7	995.3	770.9	-0.5110
10-4	4/21/1997 0:00	13:00	1.5	0.7	974.4	755.4	-0.5091
10-4	4/21/1997 0:00	13:00	1.5	0.7	983.9	763.7	-0.5067
10-5	4/21/1997 0:00	13:20	2.8	1.0	1100.0	856.0	-0.5016
10-5	4/21/1997 0:00	13:20	2.8	1.0	1080.0	837.4	-0.5088
10-5	4/21/1997 0:00	13:20	2.8	1.0	1062.0	829.1	-0.4951
11-1	4/21/1997 0:00	11:50	3.7	1.0	1388.0	1059.0	-0.5411
11-1	4/21/1997 0:00	11:50	3.7	1.0	1382.0	1052.0	-0.5457
11-1	4/21/1997 0:00	11:50	3.7	1.0	1333.0	1018.0	-0.5392
11-2	4/21/1997 0:00	11:20	3.5	1.0	1287.0	991.3	-0.5221
11-2	4/21/1997 0:00	11:20	3.5	1.0	1284.0	993.2	-0.5136
11-2	4/21/1997 0:00	11:20	3.5	1.0	1263.0	973.5	-0.5207
11-2 Rep	4/21/1997 0:00	11:30	3.5	1.0	1247.0	960.0	-0.5231
11-2 Rep	4/21/1997 0:00	11:30	3.5	1.0	1227.0	941.0	-0.5308
11-2 Rep	4/21/1997 0:00	11:30	3.5	1.0	1251.0	959.0	-0.5316

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient	
11-3	4/21/1997	0:00	14:15	3.0	1.0	690.1	458.2	-0.8191
11-3	4/21/1997	0:00	14:15	3.0	1.0	719.2	475.6	-0.8271
11-3	4/21/1997	0:00	14:15	3.0	1.0	661.9	443.4	-0.8013
11-4	4/21/1997	0:00	14:00	2.1	1.0	918.0	613.7	-0.8054
11-4	4/21/1997	0:00	14:00	2.1	1.0	920.6	614.0	-0.8101
11-4	4/21/1997	0:00	14:00	2.1	1.0	936.6	625.2	-0.8084
11-5	4/21/1997	0:00	13:40	3.0	1.0	816.4	622.4	-0.5426
11-5	4/21/1997	0:00	13:40	3.0	1.0	807.9	619.8	-0.5301
11-5	4/21/1997	0:00	13:40	3.0	1.0	820.2	623.7	-0.5478
13-1	4/23/1997	0:00	10:10	1.0	0.5	913.1	572.1	-0.9351
13-1	4/23/1997	0:00	10:10	1.0	0.5	904.9	565.8	-0.9392
13-1	4/23/1997	0:00	10:10	1.0	0.5	926.0	583.8	-0.9226
13-1 Rep	4/23/1997	0:00	10:20	1.0	0.5	809.4	511.8	-0.9167
13-1 Rep	4/23/1997	0:00	10:20	1.0	0.5	855.4	540.1	-0.9196
13-1 Rep	4/23/1997	0:00	10:20	1.0	0.5	853.9	538.6	-0.9217
13-2	4/23/1997	0:00	10:40	1.8	0.9	1299.0	844.8	-0.8605
13-2	4/23/1997	0:00	10:40	1.8	0.9	1298.0	842.2	-0.8651
13-2	4/23/1997	0:00	10:40	1.8	0.9	1161.0	757.9	-0.8530
13-3	4/23/1997	0:00	11:05	0.9	0.4	858.4	547.0	-0.9012
13-3	4/23/1997	0:00	11:05	0.9	0.4	855.5	541.8	-0.9136
13-3	4/23/1997	0:00	11:05	0.9	0.4	863.4	550.3	-0.9008
13-4	4/23/1997	0:00	11:25	1.1	0.5	911.1	556.6	-0.9856
13-4	4/23/1997	0:00	11:25	1.1	0.5	916.6	559.2	-0.9883
13-4	4/23/1997	0:00	11:25	1.1	0.5	916.3	560.1	-0.9845
13-5	4/23/1997	0:00	11:50	3.1	1.0	1175.0	753.6	-0.8883
13-5	4/23/1997	0:00	11:50	3.1	1.0	1107.0	714.0	-0.8771
13-5	4/23/1997	0:00	11:50	3.1	1.0	937.8	601.1	-0.8896
14-1	4/23/1997	0:00	12:05	1.6	0.8	867.4	596.4	-0.7492
14-1	4/23/1997	0:00	12:05	1.6	0.8	933.6	597.2	-0.8936
14-1	4/23/1997	0:00	12:05	1.6	0.8	939.6	598.5	-0.9021
14-2	4/23/1997	0:00	12:20	2.0	1.0	857.8	576.6	-0.7944
14-2	4/23/1997	0:00	12:20	2.0	1.0	872.8	590.5	-0.7815
14-2	4/23/1997	0:00	12:20	2.0	1.0	859.8	579.6	-0.7887
14-3	4/23/1997	0:00	12:35	1.2	0.6	619.4	431.0	-0.7253
14-3	4/23/1997	0:00	12:35	1.2	0.6	629.8	438.2	-0.7255
14-3	4/23/1997	0:00	12:35	1.2	0.6	613.1	428.3	-0.7174
14-4	4/23/1997	0:00	12:50	1.1	0.5	795.1	538.2	-0.7805
14-4	4/23/1997	0:00	12:50	1.1	0.5	765.5	518.3	-0.7799
14-4	4/23/1997	0:00	12:50	1.1	0.5	762.0	516.8	-0.7766
14-5	4/23/1997	0:00	13:00	2.8	1.0	568.8	338.7	-1.0368
14-5	4/23/1997	0:00	13:00	2.8	1.0	598.2	353.4	-1.0526
14-5	4/23/1997	0:00	13:00	2.8	1.0	607.2	362.4	-1.0322
16-1	4/22/1997	0:00	13:05	2.1	1.0	538.6	360.3	-0.8041
16-1	4/22/1997	0:00	13:05	2.1	1.0	537.5	359.4	-0.8050
16-1	4/22/1997	0:00	13:05	2.1	1.0	553.8	369.1	-0.8115
16-2	4/22/1997	0:00	12:50	2.1	1.0	1360.0	891.1	-0.8456
16-2	4/22/1997	0:00	12:50	2.1	1.0	1327.0	864.0	-0.8582

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
16-2	4/22/1997 0:00	12:50	2.1	1.0	1295.0	848.4	-0.8458
16-3	4/22/1997 0:00	12:30	2.0	1.0	420.5	254.9	-1.0011
16-3	4/22/1997 0:00	12:30	2.0	1.0	427.4	255.6	-1.0282
16-3	4/22/1997 0:00	12:30	2.0	1.0	424.0	254.7	-1.0193
16-4	4/22/1997 0:00	12:10	3.0	1.0	514.8	297.1	-1.0994
16-4	4/22/1997 0:00	12:10	3.0	1.0	484.4	276.0	-1.1250
16-4	4/22/1997 0:00	12:10	3.0	1.0	465.8	264.8	-1.1296
16-5	4/22/1997 0:00	11:50	2.5	1.0	992.9	661.3	-0.8128
16-5	4/22/1997 0:00	11:50	2.5	1.0	1009.0	673.4	-0.8088
16-5	4/22/1997 0:00	11:50	2.5	1.0	1013.0	678.6	-0.8013
LB-1	4/22/1997 0:00	11:05	3.1	1.0	1099.0	724.5	-0.8333
LB-1	4/22/1997 0:00	11:05	3.1	1.0	985.5	651.9	-0.8265
LB-1	4/22/1997 0:00	11:05	3.1	1.0	987.2	654.8	-0.8211
LB-2	4/22/1997 0:00	10:55	0.6	0.3	929.9	622.7	-0.8020
LB-2	4/22/1997 0:00	10:55	0.6	0.3	894.9	598.5	-0.8046
LB-2	4/22/1997 0:00	10:55	0.6	0.3	939.2	630.2	-0.7980
LB-3	4/22/1997 0:00	10:40	1.0	0.5	679.6	436.4	-0.8859
LB-3	4/22/1997 0:00	10:40	1.0	0.5	668.8	427.0	-0.8974
LB-3	4/22/1997 0:00	10:40	1.0	0.5	672.3	429.4	-0.8966
LB-4	4/22/1997 0:00	10:25	1.3	0.6	876.8	672.1	-0.5317
LB-4	4/22/1997 0:00	10:25	1.3	0.6	857.1	660.3	-0.5217
LB-4	4/22/1997 0:00	10:25	1.3	0.6	841.2	642.3	-0.5395
LB-5	4/22/1997 0:00	10:05	2.0	1.0	978.8	695.5	-0.6834
LB-5	4/22/1997 0:00	10:05	2.0	1.0	982.8	698.6	-0.6827
LB-5	4/22/1997 0:00	10:05	2.0	1.0	961.1	677.6	-0.6990
LB-5 Rep	4/22/1997 0:00	10:15	2.0	1.0	881.8	628.8	-0.6763
LB-5 Rep	4/22/1997 0:00	10:15	2.0	1.0	850.0	610.5	-0.6619
LB-5 Rep	4/22/1997 0:00	10:15	2.0	1.0	855.5	611.1	-0.6729
ML-1	4/24/1997 0:00	11:15	2.2	1.0	784.5	475.2	-1.0026
ML-1	4/24/1997 0:00	11:15	2.2	1.0	771.5	461.5	-1.0277
ML-1	4/24/1997 0:00	11:15	2.2	1.0	765.2	459.3	-1.0209
ML-2	4/24/1997 0:00	11:00	6.2	1.0	689.5	353.0	-1.3390
ML-2	4/24/1997 0:00	11:00	6.2	1.0	679.2	354.5	-1.3004
ML-2	4/24/1997 0:00	11:00	6.2	1.0	677.3	343.3	-1.3590
ML-3	4/24/1997 0:00	10:40	3.5	1.0	616.2	337.1	-1.2064
ML-3	4/24/1997 0:00	10:40	3.5	1.0	617.3	338.7	-1.2005
ML-3	4/24/1997 0:00	10:40	3.5	1.0	635.6	341.5	-1.2424
ML-4	4/24/1997 0:00	10:25	1.8	0.9	906.2	531.2	-1.0682
ML-4	4/24/1997 0:00	10:25	1.8	0.9	911.8	537.4	-1.0574
ML-4	4/24/1997 0:00	10:25	1.8	0.9	899.8	536.2	-1.0353
ML-5	4/24/1997 0:00	10:00	1.9	0.9	639.7	375.2	-1.0671
ML-5	4/24/1997 0:00	10:00	1.9	0.9	628.5	372.1	-1.0483
ML-5	4/24/1997 0:00	10:00	1.9	0.9	638.3	374.5	-1.0664
ML-5 Rep	4/24/1997 0:00	10:10	1.9	0.9	1017.0	589.5	-1.0907
ML-5 Rep	4/24/1997 0:00	10:10	1.9	0.9	994.1	572.8	-1.1026
ML-5 Rep	4/24/1997 0:00	10:10	1.9	0.9	958.2	558.8	-1.0785
MU-1	4/24/1997 0:00	13:10	1.7	0.8	528.7	238.8	-1.5896

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
MU-1	4/24/1997 0:00	13:10	1.7	0.8	525.3	239.7	-1.5692
MU-1	4/24/1997 0:00	13:10	1.7	0.8	522.6	242.7	-1.5340
MU-2	4/24/1997 0:00	12:45	1.5	0.7	628.0	310.4	-1.4094
MU-2	4/24/1997 0:00	12:45	1.5	0.7	612.6	302.4	-1.4119
MU-2	4/24/1997 0:00	12:45	1.5	0.7	602.1	297.9	-1.4073
MU-3	4/24/1997 0:00	12:25	1.9	0.9	621.1	323.3	-1.3058
MU-3	4/24/1997 0:00	12:25	1.9	0.9	622.1	326.1	-1.2918
MU-3	4/24/1997 0:00	12:25	1.9	0.9	644.3	335.2	-1.3069
MU-4	4/24/1997 0:00	12:00	1.2	0.6	599.3	278.2	-1.5348
MU-4	4/24/1997 0:00	12:00	1.2	0.6	584.9	270.1	-1.5453
MU-4	4/24/1997 0:00	12:00	1.2	0.6	607.2	276.8	-1.5711
MU-5	4/24/1997 0:00	11:35	1.5	0.7	616.8	319.1	-1.3181
MU-5	4/24/1997 0:00	11:35	1.5	0.7	612.6	316.7	-1.3195
MU-5	4/24/1997 0:00	11:35	1.5	0.7	608.4	315.5	-1.3133
10-1	5/22/1997 0:00	11:35	3.5	1.0	1583.00	1056.00	-0.8097
10-1	5/22/1997 0:00	11:35	3.5	1.0	1520.00	1024.00	-0.7900
10-1	5/22/1997 0:00	11:35	3.5	1.0	1525.00	1019.00	-0.8063
10-2	5/22/1997 0:00	11:10	4.2	1.0	1453.00	1098.00	-0.5603
10-2	5/22/1997 0:00	11:10	4.2	1.0	1464.00	1107.00	-0.5590
10-2	5/22/1997 0:00	11:10	4.2	1.0	1528.00	1158.00	-0.5545
10-3	5/22/1997 0:00	11:25	2.2	1.0	1270.00	927.00	-0.6296
10-3	5/22/1997 0:00	11:25	2.2	1.0	1308.00	958.30	-0.6222
10-3	5/22/1997 0:00	11:25	2.2	1.0	1378.00	1010.00	-0.6214
10-4	5/22/1997 0:00	10:50	4.1	1.0	1207.00	823.00	-0.7659
10-4	5/22/1997 0:00	10:50	4.1	1.0	1197.00	815.40	-0.7678
10-4	5/22/1997 0:00	10:50	4.1	1.0	1329.00	911.80	-0.7535
10-5	5/22/1997 0:00	10:15	2.8	1.0	984.10	699.90	-0.6816
10-5	5/22/1997 0:00	10:15	2.8	1.0	1071.00	758.40	-0.6903
10-5	5/22/1997 0:00	10:15	2.8	1.0	1089.00	771.60	-0.6891
11-1	5/22/1997 0:00	11:55	3.7	1.0	458.40	296.90	-0.8687
11-1	5/22/1997 0:00	11:55	3.7	1.0	457.80	294.90	-0.8796
11-1	5/22/1997 0:00	11:55	3.7	1.0	462.00	300.00	-0.8636
11-2	5/22/1997 0:00	12:05	3.5	1.0	458.20	321.90	-0.7061
11-2	5/22/1997 0:00	12:05	3.5	1.0	457.80	320.60	-0.7125
11-2	5/22/1997 0:00	12:05	3.5	1.0	434.10	302.90	-0.7197
11-3	5/22/1997 0:00	12:25	2.8	1.0	1423.00	967.40	-0.7718
11-3	5/22/1997 0:00	12:25	2.8	1.0	1481.00	1010.00	-0.7655
11-3	5/22/1997 0:00	12:25	2.8	1.0	1482.00	1013.00	-0.7610
11-4	5/22/1997 0:00	10:35	4.8	1.0	975.70	686.10	-0.7043
11-4	5/22/1997 0:00	10:35	4.8	1.0	977.00	687.60	-0.7026
11-4	5/22/1997 0:00	10:35	4.8	1.0	988.00	698.10	-0.6946
11-5	5/22/1997 0:00	9:55	1.7	0.8	877.60	559.20	-0.9014
11-5	5/22/1997 0:00	9:55	1.7	0.8	910.60	583.50	-0.8901
11-5	5/22/1997 0:00	9:55	1.7	0.8	895.20	573.00	-0.8923
11-5 Rep	5/22/1997 0:00	10:00	1.7	0.8	872.70	553.90	-0.9092
11-5 Rep	5/22/1997 0:00	10:00	1.7	0.8	900.70	572.40	-0.9067

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient	
11-5 Rep	5/22/1997	0:00	10:00	1.7	0.8	987.00	627.80	-0.9049
13-1	5/19/1997	0:00	12:35	2.1	1.0	1475.00	1063.00	-0.6551
13-1	5/19/1997	0:00	12:35	2.1	1.0	1547.00	1113.00	-0.6585
13-1	5/19/1997	0:00	12:35	2.1	1.0	1467.00	1056.00	-0.6575
13-2	5/19/1997	0:00	12:20	2.0	1.0	1099.00	687.30	-0.9388
13-2	5/19/1997	0:00	12:20	2.0	1.0	1073.00	672.40	-0.9347
13-2	5/19/1997	0:00	12:20	2.0	1.0	1052.00	659.20	-0.9348
13-3	5/19/1997	0:00	12:00	2.0	1.0	348.20	248.20	-0.6771
13-3	5/19/1997	0:00	12:00	2.0	1.0	346.70	248.80	-0.6636
13-3	5/19/1997	0:00	12:00	2.0	1.0	349.30	247.40	-0.6898
13-4	5/19/1997	0:00	11:45	0.7	0.3	697.60	438.00	-0.9309
13-4	5/19/1997	0:00	11:45	0.7	0.3	698.50	435.40	-0.9453
13-4	5/19/1997	0:00	11:45	0.7	0.3	709.80	442.80	-0.9437
13-5	5/19/1997	0:00	11:30	2.1	1.0	511.20	304.80	-1.0342
13-5	5/19/1997	0:00	11:30	2.1	1.0	515.60	302.60	-1.0658
13-5	5/19/1997	0:00	11:30	2.1	1.0	496.60	300.40	-1.0053
14-1	5/19/1997	0:00	11:20	1.3	0.6	1058.00	682.40	-0.8770
14-1	5/19/1997	0:00	11:20	1.3	0.6	1062.00	684.90	-0.8773
14-1	5/19/1997	0:00	11:20	1.3	0.6	1027.00	658.60	-0.8886
14-2	5/19/1997	0:00	11:00	2.0	1.0	853.90	495.20	-1.0897
14-2	5/19/1997	0:00	11:00	2.0	1.0	787.20	470.70	-1.0285
14-2	5/19/1997	0:00	11:00	2.0	1.0	781.90	465.50	-1.0372
14-3	5/19/1997	0:00	10:40	2.0	1.0	1017.00	627.40	-0.9661
14-3	5/19/1997	0:00	10:40	2.0	1.0	1017.40	626.90	-0.9684
14-3	5/19/1997	0:00	10:40	2.0	1.0	1063.00	654.10	-0.9712
14-4	5/19/1997	0:00	10:20	2.6	1.0	929.90	554.00	-1.0358
14-4	5/19/1997	0:00	10:20	2.6	1.0	816.10	494.60	-1.0016
14-4	5/19/1997	0:00	10:20	2.6	1.0	817.50	494.50	-1.0054
14-5	5/19/1997	0:00	10:00	1.7	0.8	828.90	532.70	-0.8843
14-5	5/19/1997	0:00	10:00	1.7	0.8	965.70	617.60	-0.8940
14-5	5/19/1997	0:00	10:00	1.7	0.8	852.20	543.50	-0.8996
14-5 Rep	5/19/1997	0:00	10:10	1.7	0.8	751.60	482.70	-0.8856
14-5 Rep	5/19/1997	0:00	10:10	1.7	0.8	787.90	502.90	-0.8980
14-5 Rep	5/19/1997	0:00	10:10	1.7	0.8	783.40	502.80	-0.8869
16-1	5/21/1997	0:00	12:00	3.0	1.0	1312.00	909.10	-0.7337
16-1	5/21/1997	0:00	12:00	3.0	1.0	1296.00	897.30	-0.7353
16-1	5/21/1997	0:00	12:00	3.0	1.0	1275.00	884.60	-0.7311
16-2	5/21/1997	0:00	12:15	2.5	1.0	1272.00	917.60	-0.6532
16-2	5/21/1997	0:00	12:15	2.5	1.0	1258.00	908.20	-0.6516
16-2	5/21/1997	0:00	12:15	2.5	1.0	1320.00	954.20	-0.6490
16-3	5/21/1997	0:00	12:25	4.0	1.0	1267.00	898.50	-0.6874
16-3	5/21/1997	0:00	12:25	4.0	1.0	1283.00	914.10	-0.6780
16-3	5/21/1997	0:00	12:25	4.0	1.0	1295.00	920.00	-0.6838
16-4	5/21/1997	0:00	12:45	3.0	1.0	1566.00	1115.00	-0.6793
16-4	5/21/1997	0:00	12:45	3.0	1.0	1603.00	1142.00	-0.6782
16-4	5/21/1997	0:00	12:45	3.0	1.0	1566.00	1114.00	-0.6811
16-5	5/21/1997	0:00	13:00	2.0	1.0	1616.00	1193.00	-0.6070

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient	
16-5	5/21/1997	0:00	13:00	2.0	1.0	1569.00	1157.00	-0.6092
16-5	5/21/1997	0:00	13:00	2.0	1.0	1550.00	1146.00	-0.6040
LB-1	5/21/1997	0:00	11:10	3.0	1.0	844.80	551.10	-0.8544
LB-1	5/21/1997	0:00	11:10	3.0	1.0	878.50	577.00	-0.8407
LB-1	5/21/1997	0:00	11:10	3.0	1.0	908.40	596.30	-0.8419
LB-2	5/21/1997	0:00	10:55	1.4	0.7	938.10	483.50	-1.3256
LB-2	5/21/1997	0:00	10:55	1.4	0.7	890.60	457.90	-1.3305
LB-2	5/21/1997	0:00	10:55	1.4	0.7	900.50	460.80	-1.3400
LB-3	5/21/1997	0:00	10:40	1.2	0.6	774.10	471.90	-0.9899
LB-3	5/21/1997	0:00	10:40	1.2	0.6	821.40	498.60	-0.9984
LB-3	5/21/1997	0:00	10:40	1.2	0.6	825.00	503.00	-0.9896
LB-4	5/21/1997	0:00	10:30	1.3	0.6	943.40	637.40	-0.7842
LB-4	5/21/1997	0:00	10:30	1.3	0.6	991.80	669.90	-0.7848
LB-4	5/21/1997	0:00	10:30	1.3	0.6	964.30	647.20	-0.7975
LB-5	5/21/1997	0:00	10:00	2.0	1.0	643.30	376.50	-1.0714
LB-5	5/21/1997	0:00	10:00	2.0	1.0	644.30	388.50	-1.0117
LB-5	5/21/1997	0:00	10:00	2.0	1.0	707.60	412.20	-1.0807
LB-5 Rep	5/21/1997	0:00	10:10	2.0	1.0	690.80	381.70	-1.1864
LB-5 Rep	5/21/1997	0:00	10:10	2.0	1.0	677.10	383.50	-1.1370
LB-5 Rep	5/21/1997	0:00	10:10	2.0	1.0	667.90	381.60	-1.1195
ML-1	5/20/1997	0:00	11:10	1.6	0.8	126.90	20.34	-3.6616
ML-1	5/20/1997	0:00	11:10	1.6	0.8	132.50	21.33	-3.6529
ML-1	5/20/1997	0:00	11:10	1.6	0.8	132.60	21.19	-3.6676
ML-2	5/20/1997	0:00	10:50	0.9	0.4	283.40	39.63	-3.9345
ML-2	5/20/1997	0:00	10:50	0.9	0.4	269.90	38.74	-3.8824
ML-2	5/20/1997	0:00	10:50	0.9	0.4	248.70	35.98	-3.8666
ML-3	5/20/1997	0:00	10:40	0.8	0.4	260.60	40.95	-3.7013
ML-3	5/20/1997	0:00	10:40	0.8	0.4	263.80	40.59	-3.7433
ML-3	5/20/1997	0:00	10:40	0.8	0.4	263.80	41.65	-3.6918
ML-4	5/20/1997	0:00	10:20	1.1	0.5	113.00	20.53	-3.4110
ML-4	5/20/1997	0:00	10:20	1.1	0.5	113.60	20.78	-3.3974
ML-4	5/20/1997	0:00	10:20	1.1	0.5	115.90	21.06	-3.4107
ML-5	5/20/1997	0:00	10:00	1.4	0.7	65.70	13.33	-3.1902
ML-5	5/20/1997	0:00	10:00	1.4	0.7	66.73	13.28	-3.2288
ML-5	5/20/1997	0:00	10:00	1.4	0.7	71.87	14.15	-3.2503
ML-5 Rep	5/20/1997	0:00	10:10	1.4	0.7	59.85	12.51	-3.1306
ML-5 Rep	5/20/1997	0:00	10:10	1.4	0.7	61.68	12.90	-3.1295
ML-5 Rep	5/20/1997	0:00	10:10	1.4	0.7	61.96	12.97	-3.1277
MU-1	5/20/1997	0:00	12:50	1.2	0.6	350.70	70.60	-3.2058
MU-1	5/20/1997	0:00	12:50	1.2	0.6	353.50	70.25	-3.2316
MU-1	5/20/1997	0:00	12:50	1.2	0.6	351.20	70.11	-3.2226
MU-2	5/20/1997	0:00	12:30	2.0	1.0	285.70	43.16	-3.7801
MU-2	5/20/1997	0:00	12:30	2.0	1.0	290.90	44.38	-3.7604
MU-2	5/20/1997	0:00	12:30	2.0	1.0	283.00	44.08	-3.7189
MU-3	5/20/1997	0:00	12:15	1.8	0.9	178.10	28.00	-3.7003
MU-3	5/20/1997	0:00	12:15	1.8	0.9	154.30	24.04	-3.7184
MU-3	5/20/1997	0:00	12:15	1.8	0.9	151.00	23.69	-3.7045

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient	
MU-4	5/20/1997	0:00	11:50	0.6	0.3	1088.00	155.40	-3.8922
MU-4	5/20/1997	0:00	11:50	0.6	0.3	1034.00	154.30	-3.8046
MU-4	5/20/1997	0:00	11:50	0.6	0.3	1086.00	158.80	-3.8452
MU-5	5/20/1997	0:00	11:25	1.0	0.5	177.60	27.85	-3.7054
MU-5	5/20/1997	0:00	11:25	1.0	0.5	172.50	27.09	-3.7025
MU-5	5/20/1997	0:00	11:25	1.0	0.5	153.60	23.75	-3.7335
10-1	6/17/1997	0:00	11:40	3.3	1.0	1471.00	1056.00	-0.6629
10-1	6/17/1997	0:00	11:40	3.3	1.0	1409.00	1014.00	-0.6580
10-1	6/17/1997	0:00	11:40	3.3	1.0	1421.00	1021.00	-0.6612
10-2	6/17/1997	0:00	11:05	2.5	1.0	1254.00	860.80	-0.7525
10-2	6/17/1997	0:00	11:05	2.5	1.0	1192.00	823.30	-0.7401
10-2	6/17/1997	0:00	11:05	2.5	1.0	1115.00	768.40	-0.7446
10-3	6/17/1997	0:00	11:20	1.2	0.6	977.50	682.20	-0.7194
10-3	6/17/1997	0:00	11:20	1.2	0.6	905.80	632.70	-0.7176
10-3	6/17/1997	0:00	11:20	1.2	0.6	958.70	671.90	-0.7109
10-4	6/17/1997	0:00	10:50	4.0	1.0	1140.00	838.70	-0.6139
10-4	6/17/1997	0:00	10:50	4.0	1.0	1130.00	831.00	-0.6147
10-4	6/17/1997	0:00	10:50	4.0	1.0	1160.00	853.50	-0.6137
10-5	6/17/1997	0:00	10:35	2.2	1.0	987.80	729.20	-0.6071
10-5	6/17/1997	0:00	10:35	2.2	1.0	991.80	731.30	-0.6094
10-5	6/17/1997	0:00	10:35	2.2	1.0	980.20	722.80	-0.6092
11-1	6/17/1997	0:00	11:55	3.8	1.0	1539.00	1080.00	-0.7083
11-1	6/17/1997	0:00	11:55	3.8	1.0	1463.00	1023.00	-0.7155
11-1	6/17/1997	0:00	11:55	3.8	1.0	1399.00	981.10	-0.7097
11-2	6/17/1997	0:00	12:10	3.7	1.0	1361.00	1004.00	-0.6085
11-2	6/17/1997	0:00	12:10	3.7	1.0	1453.00	1071.00	-0.6101
11-2	6/17/1997	0:00	12:10	3.7	1.0	1361.00	999.40	-0.6176
11-3	6/17/1997	0:00	9:50	2.6	1.0	663.50	424.50	-0.8932
11-3	6/17/1997	0:00	9:50	2.6	1.0	662.40	422.50	-0.8994
11-3	6/17/1997	0:00	9:50	2.6	1.0	690.50	442.20	-0.8913
11-3 Rep	6/17/1997	0:00	10:00	2.6	1.0	713.70	458.60	-0.8846
11-3 Rep	6/17/1997	0:00	10:00	2.6	1.0	652.30	417.40	-0.8929
11-3 Rep	6/17/1997	0:00	10:00	2.6	1.0	679.20	436.50	-0.8843
11-4	6/17/1997	0:00	10:10	1.8	0.9	801.50	534.40	-0.8107
11-4	6/17/1997	0:00	10:10	1.8	0.9	902.80	593.80	-0.8379
11-4	6/17/1997	0:00	10:10	1.8	0.9	983.50	650.20	-0.8277
11-5	6/17/1997	0:00	10:20	2.8	1.0	658.70	471.90	-0.6670
11-5	6/17/1997	0:00	10:20	2.8	1.0	698.30	501.70	-0.6613
11-5	6/17/1997	0:00	10:20	2.8	1.0	718.50	516.40	-0.6606
13-1	6/18/1997	0:00	12:20	1.3	0.6	1412.00	1109.00	-0.4831
13-1	6/18/1997	0:00	12:20	1.3	0.6	1475.00	1154.00	-0.4908
13-1	6/18/1997	0:00	12:20	1.3	0.6	1489.00	1161.00	-0.4976
13-2	6/18/1997	0:00	12:00	1.7	0.8	995.80	756.10	-0.5507
13-2	6/18/1997	0:00	12:00	1.7	0.8	1072.00	812.20	-0.5551
13-2	6/18/1997	0:00	12:00	1.7	0.8	1274.00	963.00	-0.5597
13-3	6/18/1997	0:00	11:45	2.3	1.0	940.50	678.00	-0.6545

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
13-3	6/18/1997 0:00	11:45	2.3	1.0	988.20	717.50	-0.6402
13-3	6/18/1997 0:00	11:45	2.3	1.0	910.70	660.80	-0.6415
13-4	6/18/1997 0:00	11:30	2.2	1.0	995.30	701.60	-0.6994
13-4	6/18/1997 0:00	11:30	2.2	1.0	981.80	695.90	-0.6884
13-4	6/18/1997 0:00	11:30	2.2	1.0	993.40	704.80	-0.6864
13-5	6/18/1997 0:00	11:20	3.2	1.0	828.50	608.80	-0.6163
13-5	6/18/1997 0:00	11:20	3.2	1.0	861.80	631.90	-0.6206
13-5	6/18/1997 0:00	11:20	3.2	1.0	871.30	640.30	-0.6161
14-1	6/18/1997 0:00	11:10	2.1	1.0	865.30	563.20	-0.8589
14-1	6/18/1997 0:00	11:10	2.1	1.0	851.40	552.70	-0.8641
14-1	6/18/1997 0:00	11:10	2.1	1.0	854.10	555.00	-0.8622
14-2	6/18/1997 0:00	10:55	2.2	1.0	1093.00	728.20	-0.8122
14-2	6/18/1997 0:00	10:55	2.2	1.0	1073.00	712.00	-0.8203
14-2	6/18/1997 0:00	10:55	2.2	1.0	990.80	656.50	-0.8232
14-3	6/18/1997 0:00	10:40	3.5	1.0	967.50	590.40	-0.9878
14-3	6/18/1997 0:00	10:40	3.5	1.0	976.80	598.40	-0.9800
14-3	6/18/1997 0:00	10:40	3.5	1.0	967.70	594.40	-0.9747
14-4	6/18/1997 0:00	10:20	4.0	1.0	1012.00	680.20	-0.7946
14-4	6/18/1997 0:00	10:20	4.0	1.0	1006.00	674.30	-0.8001
14-4	6/18/1997 0:00	10:20	4.0	1.0	1037.00	696.60	-0.7958
14-5	6/18/1997 0:00	10:00	2.0	1.0	954.00	658.00	-0.7429
14-5	6/18/1997 0:00	10:00	2.0	1.0	936.40	649.20	-0.7326
14-5	6/18/1997 0:00	10:00	2.0	1.0	957.00	658.60	-0.7474
14-5 Rep	6/18/1997 0:00	10:10	2.0	1.0	945.90	653.10	-0.7408
14-5 Rep	6/18/1997 0:00	10:10	2.0	1.0	959.70	666.10	-0.7304
14-5 Rep	6/18/1997 0:00	10:10	2.0	1.0	958.20	665.10	-0.7302
16-1	6/16/1997 0:00	13:25	3.4	1.0	1920.00	1023.00	-1.2592
16-1	6/16/1997 0:00	13:25	3.4	1.0	1995.00	1045.00	-1.2933
16-1	6/16/1997 0:00	13:25	3.4	1.0	1996.00	1058.00	-1.2695
16-2	6/16/1997 0:00	13:05	2.0	1.0	1801.00	1236.00	-0.7529
16-2	6/16/1997 0:00	13:05	2.0	1.0	1624.00	1117.00	-0.7485
16-2	6/16/1997 0:00	13:05	2.0	1.0	1582.00	1078.00	-0.7672
16-3	6/16/1997 0:00	12:50	1.7	0.8	1720.00	1255.00	-0.6304
16-3	6/16/1997 0:00	12:50	1.7	0.8	1667.00	1220.00	-0.6243
16-3	6/16/1997 0:00	12:50	1.7	0.8	1617.00	1180.00	-0.6301
16-4	6/16/1997 0:00	12:40	2.0	1.0	1493.00	1030.00	-0.7425
16-4	6/16/1997 0:00	12:40	2.0	1.0	1505.00	1040.00	-0.7391
16-4	6/16/1997 0:00	12:40	2.0	1.0	1481.00	1025.00	-0.7360
16-5	6/16/1997 0:00	12:25	3.0	1.0	1509.00	910.10	-1.0113
16-5	6/16/1997 0:00	12:25	3.0	1.0	1556.00	941.10	-1.0056
16-5	6/16/1997 0:00	12:25	3.0	1.0	1732.00	1011.00	-1.0767
LB-1	6/16/1997 0:00	11:35	1.9	0.9	1430.00	797.30	-1.1684
LB-1	6/16/1997 0:00	11:35	1.9	0.9	1472.00	822.80	-1.1633
LB-1	6/16/1997 0:00	11:35	1.9	0.9	1424.00	792.40	-1.1723
LB-2	6/16/1997 0:00	11:20	1.2	0.6	1356.00	677.20	-1.3887
LB-2	6/16/1997 0:00	11:20	1.2	0.6	1383.00	689.10	-1.3932
LB-2	6/16/1997 0:00	11:20	1.2	0.6	1357.00	674.80	-1.3972

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
LB-3	6/16/1997 0:00	11:05	2.4	1.0	1307.00	605.90	-1.5375
LB-3	6/16/1997 0:00	11:05	2.4	1.0	1311.00	608.20	-1.5361
LB-3	6/16/1997 0:00	11:05	2.4	1.0	1312.00	604.80	-1.5488
LB-4	6/16/1997 0:00	10:45	2.0	1.0	1492.00	805.50	-1.2328
LB-4	6/16/1997 0:00	10:45	2.0	1.0	1471.00	787.30	-1.2502
LB-4	6/16/1997 0:00	10:45	2.0	1.0	1544.00	815.00	-1.2779
LB-5	6/16/1997 0:00	10:00	2.3	1.0	392.50	247.40	-0.9231
LB-5	6/16/1997 0:00	10:00	2.3	1.0	398.60	250.30	-0.9306
LB-5	6/16/1997 0:00	10:00	2.3	1.0	415.90	260.50	-0.9357
LB-5 Rep	6/16/1997 0:00	10:10	2.3	1.0	399.60	250.80	-0.9316
LB-5 Rep	6/16/1997 0:00	10:10	2.3	1.0	400.50	250.50	-0.9385
LB-5 Rep	6/16/1997 0:00	10:10	2.3	1.0	393.60	245.30	-0.9457
ML-1	6/19/1997 0:00	11:30	3.0	1.0	357.90	129.00	-2.0409
ML-1	6/19/1997 0:00	11:30	3.0	1.0	388.10	136.40	-2.0913
ML-1	6/19/1997 0:00	11:30	3.0	1.0	392.60	139.70	-2.0666
ML-2	6/19/1997 0:00	11:15	1.7	0.8	321.10	126.70	-1.8599
ML-2	6/19/1997 0:00	11:15	1.7	0.8	311.00	122.40	-1.8650
ML-2	6/19/1997 0:00	11:15	1.7	0.8	332.80	131.70	-1.8540
ML-3	6/19/1997 0:00	10:55	0.8	0.4	280.70	106.40	-1.9402
ML-3	6/19/1997 0:00	10:55	0.8	0.4	275.10	103.30	-1.9590
ML-3	6/19/1997 0:00	10:55	0.8	0.4	273.40	101.50	-1.9818
ML-4	6/19/1997 0:00	10:35	1.5	0.7	379.20	130.20	-2.1380
ML-4	6/19/1997 0:00	10:35	1.5	0.7	357.40	125.00	-2.1011
ML-4	6/19/1997 0:00	10:35	1.5	0.7	359.20	125.20	-2.1079
ML-5	6/19/1997 0:00	10:00	1.1	0.5	483.40	135.30	-2.5467
ML-5	6/19/1997 0:00	10:00	1.1	0.5	488.00	136.90	-2.5421
ML-5	6/19/1997 0:00	10:00	1.1	0.5	491.60	136.50	-2.5627
ML-5 Rep	6/19/1997 0:00	10:15	1.1	0.5	481.80	133.00	-2.5744
ML-5 Rep	6/19/1997 0:00	10:15	1.1	0.5	446.80	130.50	-2.4615
ML-5 Rep	6/19/1997 0:00	10:15	1.1	0.5	449.10	132.50	-2.4413
MU-1	6/19/1997 0:00	13:05	1.7	0.8	423.60	142.20	-2.1831
MU-1	6/19/1997 0:00	13:05	1.7	0.8	412.90	137.80	-2.1948
MU-1	6/19/1997 0:00	13:05	1.7	0.8	403.30	134.40	-2.1977
MU-2	6/19/1997 0:00	12:40	1.7	0.8	313.20	120.50	-1.9104
MU-2	6/19/1997 0:00	12:40	1.7	0.8	349.20	133.50	-1.9231
MU-2	6/19/1997 0:00	12:40	1.7	0.8	364.00	139.10	-1.9239
MU-3	6/19/1997 0:00	12:20	2.0	1.0	313.10	108.10	-2.1269
MU-3	6/19/1997 0:00	12:20	2.0	1.0	312.70	105.00	-2.1826
MU-3	6/19/1997 0:00	12:20	2.0	1.0	308.80	104.40	-2.1689
MU-4	6/19/1997 0:00	12:05	2.6	1.0	361.10	125.50	-2.1137
MU-4	6/19/1997 0:00	12:05	2.6	1.0	355.20	124.50	-2.0968
MU-4	6/19/1997 0:00	12:05	2.6	1.0	356.90	122.90	-2.1322
MU-5	6/19/1997 0:00	11:45	2.2	1.0	324.30	115.20	-2.0700
MU-5	6/19/1997 0:00	11:45	2.2	1.0	325.40	115.20	-2.0768
MU-5	6/19/1997 0:00	11:45	2.2	1.0	321.30	112.60	-2.0971
10-1	7/14/1997 0:00	11:55	1.9	0.9	981.90	683.70	-0.7239

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient	
10-1	7/14/1997	0:00	11:55	1.9	0.9	981.00	675.40	-0.7465
10-1	7/14/1997	0:00	11:55	1.9	0.9	973.80	672.50	-0.7404
10-2	7/14/1997	0:00	11:10	3.6	1.0	987.30	657.40	-0.8134
10-2	7/14/1997	0:00	11:10	3.6	1.0	981.90	653.60	-0.8140
10-2	7/14/1997	0:00	11:10	3.6	1.0	983.70	655.70	-0.8112
10-3	7/14/1997	0:00	12:10	3.0	1.0	1173.60	807.40	-0.7480
10-3	7/14/1997	0:00	12:10	3.0	1.0	1155.60	797.20	-0.7425
10-3	7/14/1997	0:00	12:10	3.0	1.0	1162.80	803.60	-0.7390
10-4	7/14/1997	0:00	10:00	4.4	1.0	887.50	602.30	-0.7753
10-4	7/14/1997	0:00	10:00	4.4	1.0	893.40	605.00	-0.7796
10-4	7/14/1997	0:00	10:00	4.4	1.0	891.60	604.40	-0.7776
10-5	7/14/1997	0:00	9:50	1.0	0.5	649.80	454.10	-0.7167
10-5	7/14/1997	0:00	9:50	1.0	0.5	656.40	459.60	-0.7128
10-5	7/14/1997	0:00	9:50	1.0	0.5	652.60	455.60	-0.7187
10-5 Rep	7/14/1997	0:00	9:55	1.0	0.5	637.20	443.40	-0.7252
10-5 Rep	7/14/1997	0:00	9:55	1.0	0.5	636.30	443.50	-0.7219
10-5 Rep	7/14/1997	0:00	9:55	1.0	0.5	648.10	450.40	-0.7278
11-1	7/14/1997	0:00	11:35	3.6	1.0	962.40	643.90	-0.8038
11-1	7/14/1997	0:00	11:35	3.6	1.0	953.90	632.50	-0.8218
11-1	7/14/1997	0:00	11:35	3.6	1.0	920.20	614.30	-0.8082
11-2	7/14/1997	0:00	11:20	3.3	1.0	1205.10	777.60	-0.8762
11-2	7/14/1997	0:00	11:20	3.3	1.0	1262.70	815.60	-0.8742
11-2	7/14/1997	0:00	11:20	3.3	1.0	1229.40	789.00	-0.8870
11-3	7/14/1997	0:00	10:50	3.8	1.0	915.30	607.10	-0.8211
11-3	7/14/1997	0:00	10:50	3.8	1.0	911.70	603.10	-0.8265
11-3	7/14/1997	0:00	10:50	3.8	1.0	920.70	610.70	-0.8211
11-4	7/14/1997	0:00	10:35	2.4	1.0	880.50	584.10	-0.8208
11-4	7/14/1997	0:00	10:35	2.4	1.0	877.70	581.50	-0.8234
11-4	7/14/1997	0:00	10:35	2.4	1.0	870.50	577.10	-0.8221
11-5	7/14/1997	0:00	10:20	2.1	1.0	924.20	595.30	-0.8797
11-5	7/14/1997	0:00	10:20	2.1	1.0	931.60	602.90	-0.8703
11-5	7/14/1997	0:00	10:20	2.1	1.0	926.90	598.90	-0.8735
13-1	7/15/1997	0:00	12:00	1.8	0.9	1292.00	892.90	-0.7389
13-1	7/15/1997	0:00	12:00	1.8	0.9	1284.00	885.80	-0.7425
13-1	7/15/1997	0:00	12:00	1.8	0.9	1304.00	897.10	-0.7480
13-2	7/15/1997	0:00	11:45	1.2	0.6	1091.00	639.00	-1.0699
13-2	7/15/1997	0:00	11:45	1.2	0.6	1090.00	631.20	-1.0926
13-2	7/15/1997	0:00	11:45	1.2	0.6	1082.00	628.50	-1.0865
13-3	7/15/1997	0:00	11:30	4.4	1.0	821.60	511.90	-0.9462
13-3	7/15/1997	0:00	11:30	4.4	1.0	851.70	527.10	-0.9597
13-3	7/15/1997	0:00	11:30	4.4	1.0	859.30	536.60	-0.9417
13-4	7/15/1997	0:00	11:15	1.3	0.6	1366.00	876.70	-0.8870
13-4	7/15/1997	0:00	11:15	1.3	0.6	1403.00	906.20	-0.8742
13-4	7/15/1997	0:00	11:15	1.3	0.6	1339.00	864.00	-0.8762
13-5	7/15/1997	0:00	11:05	2.9	1.0	1093.00	728.60	-0.8111
13-5	7/15/1997	0:00	11:05	2.9	1.0	1091.00	726.20	-0.8140
13-5	7/15/1997	0:00	11:05	2.9	1.0	1097.00	730.40	-0.8135

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient	
14-1	7/15/1997	0:00	10:50	2.5	1.0	1023.00	678.60	-0.8209
14-1	7/15/1997	0:00	10:50	2.5	1.0	1013.00	670.10	-0.8265
14-1	7/15/1997	0:00	10:50	2.5	1.0	1017.00	674.60	-0.8210
14-2	7/15/1997	0:00	10:35	1.3	0.6	978.30	602.20	-0.9705
14-2	7/15/1997	0:00	10:35	1.3	0.6	975.20	599.50	-0.9731
14-2	7/15/1997	0:00	10:35	1.3	0.6	967.20	594.90	-0.9720
14-3	7/15/1997	0:00	10:20	3.0	1.0	825.20	496.10	-1.0177
14-3	7/15/1997	0:00	10:20	3.0	1.0	831.80	502.40	-1.0084
14-3	7/15/1997	0:00	10:20	3.0	1.0	827.60	499.10	-1.0114
14-4	7/15/1997	0:00	10:10	2.1	1.0	986.10	669.20	-0.7753
14-4	7/15/1997	0:00	10:10	2.1	1.0	992.70	672.20	-0.7797
14-4	7/15/1997	0:00	10:10	2.1	1.0	990.70	671.50	-0.7778
14-5	7/15/1997	0:00	9:50	4.1	1.0	582.70	379.70	-0.8566
14-5	7/15/1997	0:00	9:50	4.1	1.0	586.10	383.00	-0.8509
14-5	7/15/1997	0:00	9:50	4.1	1.0	580.20	378.40	-0.8548
14-5 Rep	7/15/1997	0:00	9:55	4.1	1.0	568.90	369.50	-0.8631
14-5 Rep	7/15/1997	0:00	9:55	4.1	1.0	568.10	369.60	-0.8598
14-5 Rep	7/15/1997	0:00	9:55	4.1	1.0	578.70	375.30	-0.8661
16-1	7/16/1997	0:00	12:35	4.2	1.0	1636.00	1017.00	-0.9508
16-1	7/16/1997	0:00	12:35	4.2	1.0	1649.00	1021.00	-0.9588
16-1	7/16/1997	0:00	12:35	4.2	1.0	1619.00	998.80	-0.9660
16-2	7/16/1997	0:00	12:20	2.6	1.0	1446.00	979.80	-0.7784
16-2	7/16/1997	0:00	12:20	2.6	1.0	1403.00	947.00	-0.7861
16-2	7/16/1997	0:00	12:20	2.6	1.0	1429.00	964.60	-0.7860
16-3	7/16/1997	0:00	12:10	1.8	0.9	1266.00	853.10	-0.7895
16-3	7/16/1997	0:00	12:10	1.8	0.9	1279.00	867.10	-0.7774
16-3	7/16/1997	0:00	12:10	1.8	0.9	1276.00	866.80	-0.7734
16-4	7/16/1997	0:00	12:00	2.8	1.0	1609.00	940.50	-1.0739
16-4	7/16/1997	0:00	12:00	2.8	1.0	1644.00	987.20	-1.0200
16-4	7/16/1997	0:00	12:00	2.8	1.0	1632.00	976.10	-1.0280
16-5	7/16/1997	0:00	11:45	1.3	0.6	1356.00	890.60	-0.8408
16-5	7/16/1997	0:00	11:45	1.3	0.6	1368.00	898.50	-0.8408
16-5	7/16/1997	0:00	11:45	1.3	0.6	1363.00	896.30	-0.8383
LB-1	7/16/1997	0:00	11:00	1.6	0.8	950.70	441.40	-1.5345
LB-1	7/16/1997	0:00	11:00	1.6	0.8	947.00	436.70	-1.5481
LB-1	7/16/1997	0:00	11:00	1.6	0.8	945.00	438.80	-1.5343
LB-2	7/16/1997	0:00	10:45	2.8	1.0	900.80	431.10	-1.4739
LB-2	7/16/1997	0:00	10:45	2.8	1.0	839.40	398.70	-1.4890
LB-2	7/16/1997	0:00	10:45	2.8	1.0	828.60	393.80	-1.4878
LB-3	7/16/1997	0:00	10:30	1.4	0.7	792.90	380.70	-1.4674
LB-3	7/16/1997	0:00	10:30	1.4	0.7	788.50	376.70	-1.4774
LB-3	7/16/1997	0:00	10:30	1.4	0.7	798.70	383.90	-1.4652
LB-4	7/16/1997	0:00	10:15	1.9	0.9	901.90	603.50	-0.8035
LB-4	7/16/1997	0:00	10:15	1.9	0.9	905.60	607.50	-0.7985
LB-4	7/16/1997	0:00	10:15	1.9	0.9	900.20	602.70	-0.8024
LB-5	7/16/1997	0:00	9:55	2.1	1.0	876.80	573.20	-0.8501
LB-5	7/16/1997	0:00	9:55	2.1	1.0	900.20	589.30	-0.8474

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
LB-5	7/16/1997 0:00	9:55	2.1	1.0	876.30	575.50	-0.8409
LB-5 Rep	7/16/1997 0:00	10:00	2.1	1.0	826.20	539.20	-0.8535
LB-5 Rep	7/16/1997 0:00	10:00	2.1	1.0	822.10	539.40	-0.8428
LB-5 Rep	7/16/1997 0:00	10:00	2.1	1.0	835.60	547.80	-0.8445
ML-1	7/17/1997 0:00	10:35	1.6	0.8	185.80	37.58	-3.1964
ML-1	7/17/1997 0:00	10:35	1.6	0.8	188.20	37.25	-3.2397
ML-1	7/17/1997 0:00	10:35	1.6	0.8	198.50	39.74	-3.2169
ML-2	7/17/1997 0:00	10:25	1.4	0.7	229.80	50.26	-3.0400
ML-2	7/17/1997 0:00	10:25	1.4	0.7	229.60	48.97	-3.0903
ML-2	7/17/1997 0:00	10:25	1.4	0.7	230.80	49.93	-3.0619
ML-3	7/17/1997 0:00	10:15	1.8	0.9	369.30	72.96	-3.2434
ML-3	7/17/1997 0:00	10:15	1.8	0.9	370.50	73.02	-3.2482
ML-3	7/17/1997 0:00	10:15	1.8	0.9	356.30	69.63	-3.2652
ML-4	7/17/1997 0:00	10:00	2.8	1.0	287.00	57.46	-3.2168
ML-4	7/17/1997 0:00	10:00	2.8	1.0	186.30	37.10	-3.2275
ML-4	7/17/1997 0:00	10:00	2.8	1.0	185.60	36.51	-3.2520
ML-5	7/17/1997 0:00	9:50	1.4	0.7	137.50	21.48	-3.7130
ML-5	7/17/1997 0:00	9:50	1.4	0.7	135.60	21.33	-3.6992
ML-5	7/17/1997 0:00	9:50	1.4	0.7	132.50	20.89	-3.6946
ML-5 Rep	7/17/1997 0:00	9:55	1.4	0.7	136.90	21.21	-3.7296
ML-5 Rep	7/17/1997 0:00	9:55	1.4	0.7	138.20	21.32	-3.7381
ML-5 Rep	7/17/1997 0:00	9:55	1.4	0.7	138.50	21.56	-3.7201
MU-1	7/17/1997 0:00	12:10	1.0	0.5	265.20	48.50	-3.3978
MU-1	7/17/1997 0:00	12:10	1.0	0.5	272.20	50.10	-3.3850
MU-1	7/17/1997 0:00	12:10	1.0	0.5	275.10	51.90	-3.3356
MU-2	7/17/1997 0:00	11:35	2.8	1.0	267.20	49.59	-3.3684
MU-2	7/17/1997 0:00	11:35	2.8	1.0	251.40	48.12	-3.3067
MU-2	7/17/1997 0:00	11:35	2.8	1.0	245.50	47.52	-3.2843
MU-3	7/17/1997 0:00	11:15	2.0	1.0	176.50	37.14	-3.1173
MU-3	7/17/1997 0:00	11:15	2.0	1.0	183.50	38.67	-3.1143
MU-3	7/17/1997 0:00	11:15	2.0	1.0	207.50	43.90	-3.1064
MU-4	7/17/1997 0:00	11:00	1.1	0.5	204.20	44.27	-3.0576
MU-4	7/17/1997 0:00	11:00	1.1	0.5	202.40	44.79	-3.0165
MU-4	7/17/1997 0:00	11:00	1.1	0.5	192.40	41.86	-3.0505
MU-5	7/17/1997 0:00	10:45	2.6	1.0	402.20	72.76	-3.4196
MU-5	7/17/1997 0:00	10:45	2.6	1.0	386.30	69.41	-3.4332
MU-5	7/17/1997 0:00	10:45	2.6	1.0	400.40	71.97	-3.4324
10-1	8/21/1997 0:00	10:25	3.0	1.0	938.00	641.50	-0.7599
10-1	8/21/1997 0:00	10:25	3.0	1.0	819.80	561.50	-0.7569
10-1	8/21/1997 0:00	10:25	3.0	1.0	877.20	601.40	-0.7549
10-2	8/21/1997 0:00	12:25	2.3	1.0	896.80	633.20	-0.6961
10-2	8/21/1997 0:00	12:25	2.3	1.0	856.60	601.20	-0.7081
10-2	8/21/1997 0:00	12:25	2.3	1.0	876.00	617.20	-0.7003
10-3	8/21/1997 0:00	10:00	3.3	1.0	967.80	653.80	-0.7844
10-3	8/21/1997 0:00	10:00	3.3	1.0	954.80	648.40	-0.7740
10-3	8/21/1997 0:00	10:00	3.3	1.0	915.80	618.00	-0.7866

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
10-3 Rep	8/21/1997 0:00	10:05	3.3	1.0	917.80	621.00	-0.7813
10-3 Rep	8/21/1997 0:00	10:05	3.3	1.0	920.20	617.40	-0.7981
10-3 Rep	8/21/1997 0:00	10:05	3.3	1.0	916.70	615.00	-0.7983
10-4	8/21/1997 0:00	12:05	2.9	1.0	1178.00	827.10	-0.7073
10-4	8/21/1997 0:00	12:05	2.9	1.0	1128.00	795.80	-0.6977
10-4	8/21/1997 0:00	12:05	2.9	1.0	1192.00	840.68	-0.6984
10-5	8/21/1997 0:00	11:50	4.2	1.0	1094.00	784.80	-0.6643
10-5	8/21/1997 0:00	11:50	4.2	1.0	1095.00	785.20	-0.6651
10-5	8/21/1997 0:00	11:50	4.2	1.0	1102.00	793.20	-0.6576
11-1	8/21/1997 0:00	10:40	3.0	1.0	969.80	714.80	-0.6102
11-1	8/21/1997 0:00	10:40	3.0	1.0	898.20	660.10	-0.6160
11-1	8/21/1997 0:00	10:40	3.0	1.0	845.80	624.20	-0.6076
11-2	8/21/1997 0:00	10:55	2.8	1.0	960.60	680.90	-0.6883
11-2	8/21/1997 0:00	10:55	2.8	1.0	957.80	675.20	-0.6993
11-2	8/21/1997 0:00	10:55	2.8	1.0	949.80	671.40	-0.6938
11-3	8/21/1997 0:00	11:05	2.8	1.0	1014.00	715.60	-0.6971
11-3	8/21/1997 0:00	11:05	2.8	1.0	1010.00	714.20	-0.6931
11-3	8/21/1997 0:00	11:05	2.8	1.0	1062.00	749.80	-0.6962
11-4	8/21/1997 0:00	11:25	1.6	0.8	1135.00	773.60	-0.7667
11-4	8/21/1997 0:00	11:25	1.6	0.8	1103.00	756.30	-0.7547
11-4	8/21/1997 0:00	11:25	1.6	0.8	1193.00	813.80	-0.7650
11-5	8/21/1997 0:00	11:35	2.6	1.0	951.80	676.60	-0.6825
11-5	8/21/1997 0:00	11:35	2.6	1.0	964.00	680.80	-0.6956
11-5	8/21/1997 0:00	11:35	2.6	1.0	1026.00	727.60	-0.6873
13-1	8/18/1997 0:00	10:00	2.2	1.0	965.80	655.60	-0.7748
13-1	8/18/1997 0:00	10:00	2.2	1.0	915.40	618.00	-0.7857
13-1	8/18/1997 0:00	10:00	2.2	1.0	869.20	586.60	-0.7865
13-1 Rep	8/18/1997 0:00	10:10	2.2	1.0	781.80	531.20	-0.7729
13-1 Rep	8/18/1997 0:00	10:10	2.2	1.0	785.90	535.10	-0.7688
13-1 Rep	8/18/1997 0:00	10:10	2.2	1.0	791.80	537.00	-0.7766
13-2	8/18/1997 0:00	10:20	1.6	0.8	877.50	640.90	-0.6284
13-2	8/18/1997 0:00	10:20	1.6	0.8	920.20	671.50	-0.6302
13-2	8/18/1997 0:00	10:20	1.6	0.8	945.00	680.40	-0.6570
13-3	8/18/1997 0:00	10:40	1.6	0.8	818.20	541.10	-0.8270
13-3	8/18/1997 0:00	10:40	1.6	0.8	762.40	509.20	-0.8073
13-3	8/18/1997 0:00	10:40	1.6	0.8	748.10	501.20	-0.8011
13-4	8/18/1997 0:00	11:10	1.2	0.6	1341.00	916.50	-0.7612
13-4	8/18/1997 0:00	11:10	1.2	0.6	1464.00	995.40	-0.7716
13-4	8/18/1997 0:00	11:10	1.2	0.6	1374.00	938.70	-0.7620
13-5	8/18/1997 0:00	11:30	2.3	1.0	895.10	610.30	-0.7660
13-5	8/18/1997 0:00	11:30	2.3	1.0	868.70	589.80	-0.7744
13-5	8/18/1997 0:00	11:30	2.3	1.0	857.10	582.70	-0.7718
14-1	8/18/1997 0:00	11:40	2.2	1.0	1028.00	648.50	-0.9214
14-1	8/18/1997 0:00	11:40	2.2	1.0	1040.00	656.40	-0.9204
14-1	8/18/1997 0:00	11:40	2.2	1.0	1026.00	647.90	-0.9194
14-2	8/18/1997 0:00	12:00	2.1	1.0	1163.00	726.00	-0.9424
14-2	8/18/1997 0:00	12:00	2.1	1.0	1195.70	741.10	-0.9567

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient	
14-2	8/18/1997	0:00	12:00	2.1	1.0	1231.00	768.20	-0.9431
14-3	8/18/1997	0:00	12:15	2.0	1.0	1109.00	738.90	-0.8121
14-3	8/18/1997	0:00	12:15	2.0	1.0	1092.00	728.20	-0.8104
14-3	8/18/1997	0:00	12:15	2.0	1.0	1041.00	693.10	-0.8135
14-4	8/18/1997	0:00	12:30	1.9	0.9	1133.00	778.20	-0.7513
14-4	8/18/1997	0:00	12:30	1.9	0.9	1115.00	760.70	-0.7647
14-4	8/18/1997	0:00	12:30	1.9	0.9	1104.00	753.90	-0.7629
14-5	8/18/1997	0:00	12:50	2.8	1.0	1367.00	907.90	-0.8185
14-5	8/18/1997	0:00	12:50	2.8	1.0	1314.00	872.90	-0.8180
14-5	8/18/1997	0:00	12:50	2.8	1.0	1498.00	1002.00	-0.8043
16-1	8/19/1997	0:00	11:15	1.2	0.6	1429.00	982.80	-0.7486
16-1	8/19/1997	0:00	11:15	1.2	0.6	1459.00	1002.00	-0.7515
16-1	8/19/1997	0:00	11:15	1.2	0.6	1453.00	998.10	-0.7511
16-2	8/19/1997	0:00	11:30	1.4	0.7	1248.00	898.40	-0.6574
16-2	8/19/1997	0:00	11:30	1.4	0.7	1251.00	900.90	-0.6566
16-2	8/19/1997	0:00	11:30	1.4	0.7	1235.00	884.20	-0.6683
16-3	8/19/1997	0:00	11:40	2.5	1.0	1171.00	812.10	-0.7320
16-3	8/19/1997	0:00	11:40	2.5	1.0	1146.00	793.80	-0.7344
16-3	8/19/1997	0:00	11:40	2.5	1.0	1118.00	779.20	-0.7221
16-4	8/19/1997	0:00	11:50	1.6	0.8	1097.00	754.80	-0.7478
16-4	8/19/1997	0:00	11:50	1.6	0.8	1059.00	732.80	-0.7364
16-4	8/19/1997	0:00	11:50	1.6	0.8	1082.00	746.30	-0.7429
16-5	8/19/1997	0:00	12:05	1.6	0.8	1185.00	811.10	-0.7582
16-5	8/19/1997	0:00	12:05	1.6	0.8	1193.00	817.00	-0.7572
16-5	8/19/1997	0:00	12:05	1.6	0.8	1162.00	801.70	-0.7423
LB-1	8/19/1997	0:00	10:50	2.8	1.0	865.50	616.70	-0.6778
LB-1	8/19/1997	0:00	10:50	2.8	1.0	848.70	609.00	-0.6638
LB-1	8/19/1997	0:00	10:50	2.8	1.0	850.70	611.30	-0.6609
LB-2	8/19/1997	0:00	10:40	3.2	1.0	921.20	652.80	-0.6888
LB-2	8/19/1997	0:00	10:40	3.2	1.0	892.90	629.50	-0.6991
LB-2	8/19/1997	0:00	10:40	3.2	1.0	885.80	621.70	-0.7081
LB-3	8/19/1997	0:00	10:30	1.2	0.6	779.70	523.20	-0.7979
LB-3	8/19/1997	0:00	10:30	1.2	0.6	776.00	518.20	-0.8076
LB-3	8/19/1997	0:00	10:30	1.2	0.6	777.50	520.60	-0.8022
LB-4	8/19/1997	0:00	10:15	1.7	0.8	608.50	411.50	-0.7824
LB-4	8/19/1997	0:00	10:15	1.7	0.8	592.60	397.50	-0.7986
LB-4	8/19/1997	0:00	10:15	1.7	0.8	643.20	434.30	-0.7854
LB-5	8/19/1997	0:00	10:00	2.3	1.0	884.20	596.30	-0.7879
LB-5	8/19/1997	0:00	10:00	2.3	1.0	871.90	589.20	-0.7838
LB-5	8/19/1997	0:00	10:00	2.3	1.0	864.30	582.70	-0.7885
LB-5 Rep	8/19/1997	0:00	10:05	2.3	1.0	846.20	569.80	-0.7909
LB-5 Rep	8/19/1997	0:00	10:05	2.3	1.0	849.20	570.30	-0.7963
LB-5 Rep	8/19/1997	0:00	10:05	2.3	1.0	846.10	568.40	-0.7956
ML-1	8/20/1997	0:00	11:10	1.5	0.7	495.20	160.90	-2.2484
ML-1	8/20/1997	0:00	11:10	1.5	0.7	490.00	155.30	-2.2981
ML-1	8/20/1997	0:00	11:10	1.5	0.7	477.40	150.40	-2.3101
ML-2	8/20/1997	0:00	10:50	2.5	1.0	410.70	106.10	-2.7070

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
ML-2	8/20/1997 0:00	10:50	2.5	1.0	414.60	106.60	-2.7165
ML-2	8/20/1997 0:00	10:50	2.5	1.0	415.50	107.80	-2.6984
ML-3	8/20/1997 0:00	10:35	1.7	0.8	397.50	104.50	-2.6720
ML-3	8/20/1997 0:00	10:35	1.7	0.8	406.80	106.70	-2.6766
ML-3	8/20/1997 0:00	10:35	1.7	0.8	412.50	107.40	-2.6914
ML-4	8/20/1997 0:00	10:20	2.1	1.0	334.10	113.20	-2.1646
ML-4	8/20/1997 0:00	10:20	2.1	1.0	335.30	115.00	-2.1402
ML-4	8/20/1997 0:00	10:20	2.1	1.0	516.60	178.10	-2.1298
ML-5	8/20/1997 0:00	10:00	1.6	0.8	425.40	154.80	-2.0218
ML-5	8/20/1997 0:00	10:00	1.6	0.8	421.80	151.80	-2.0439
ML-5	8/20/1997 0:00	10:00	1.6	0.8	418.60	151.80	-2.0287
ML-5 Rep	8/20/1997 0:00	10:05	1.6	0.8	334.40	116.50	-2.1089
ML-5 Rep	8/20/1997 0:00	10:05	1.6	0.8	338.80	115.50	-2.1523
ML-5 Rep	8/20/1997 0:00	10:05	1.6	0.8	357.30	123.20	-2.1295
MU-1	8/20/1997 0:00	13:05	1.5	0.7	554.00	226.20	-1.7915
MU-1	8/20/1997 0:00	13:05	1.5	0.7	555.80	226.40	-1.7962
MU-1	8/20/1997 0:00	13:05	1.5	0.7	534.50	215.90	-1.8130
MU-2	8/20/1997 0:00	12:35	2.0	1.0	367.60	137.20	-1.9711
MU-2	8/20/1997 0:00	12:35	2.0	1.0	364.30	138.80	-1.9299
MU-2	8/20/1997 0:00	12:35	2.0	1.0	346.30	129.80	-1.9626
MU-3	8/20/1997 0:00	12:15	1.8	0.9	317.70	115.10	-2.0306
MU-3	8/20/1997 0:00	12:15	1.8	0.9	330.30	119.90	-2.0267
MU-3	8/20/1997 0:00	12:15	1.8	0.9	373.50	136.10	-2.0191
MU-4	8/20/1997 0:00	12:00	1.8	0.9	481.00	153.70	-2.2817
MU-4	8/20/1997 0:00	12:00	1.8	0.9	452.50	149.20	-2.2190
MU-4	8/20/1997 0:00	12:00	1.8	0.9	441.90	147.30	-2.1972
MU-5	8/20/1997 0:00	11:40	1.2	0.6	724.00	225.60	-2.3321
MU-5	8/20/1997 0:00	11:40	1.2	0.6	695.30	215.20	-2.3456
MU-5	8/20/1997 0:00	11:40	1.2	0.6	720.70	223.10	-2.3452
10-1	9/15/1997 0:00	11:50	4.0	1.0	1055.00	852.40	-0.4265
10-1	9/15/1997 0:00	11:50	4.0	1.0	1048.00	847.60	-0.4245
10-1	9/15/1997 0:00	11:50	4.0	1.0	1045.00	845.50	-0.4237
10-2	9/15/1997 0:00	11:10	2.7	1.0	842.90	672.40	-0.4520
10-2	9/15/1997 0:00	11:10	2.7	1.0	823.80	654.00	-0.4616
10-2	9/15/1997 0:00	11:10	2.7	1.0	812.80	641.90	-0.4721
10-3	9/15/1997 0:00	12:05	4.4	1.0	361.90	277.80	-0.5289
10-3	9/15/1997 0:00	12:05	4.4	1.0	353.90	270.80	-0.5353
10-3	9/15/1997 0:00	12:05	4.4	1.0	354.20	271.30	-0.5333
10-4	9/15/1997 0:00	10:45	2.0	1.0	880.10	614.50	-0.7185
10-4	9/15/1997 0:00	10:45	2.0	1.0	883.90	617.80	-0.7164
10-4	9/15/1997 0:00	10:45	2.0	1.0	902.90	632.10	-0.7131
10-5	9/15/1997 0:00	10:00	2.6	1.0	524.50	322.10	-0.9752
10-5	9/15/1997 0:00	10:00	2.6	1.0	525.30	326.60	-0.9505
10-5	9/15/1997 0:00	10:00	2.6	1.0	552.20	341.60	-0.9605
10-5 Rep	9/15/1997 0:00	10:05	2.6	1.0	577.00	355.00	-0.9714
10-5 Rep	9/15/1997 0:00	10:05	2.6	1.0	564.30	347.90	-0.9673

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient	
10-5 Rep	9/15/1997	0:00	10:05	2.6	1.0	561.40	345.30	-0.9720
11-1	9/15/1997	0:00	11:35	4.1	1.0	1157.00	648.20	-1.1588
11-1	9/15/1997	0:00	11:35	4.1	1.0	1141.00	639.60	-1.1576
11-1	9/15/1997	0:00	11:35	4.1	1.0	1155.00	652.00	-1.1436
11-2	9/15/1997	0:00	11:25	4.1	1.0	913.90	631.70	-0.7386
11-2	9/15/1997	0:00	11:25	4.1	1.0	950.20	657.70	-0.7358
11-2	9/15/1997	0:00	11:25	4.1	1.0	966.80	668.40	-0.7382
11-3	9/15/1997	0:00	10:55	3.4	1.0	380.30	283.40	-0.5882
11-3	9/15/1997	0:00	10:55	3.4	1.0	363.40	273.10	-0.5713
11-3	9/15/1997	0:00	10:55	3.4	1.0	349.80	263.50	-0.5666
11-4	9/15/1997	0:00	10:30	2.5	1.0	743.20	527.70	-0.6849
11-4	9/15/1997	0:00	10:30	2.5	1.0	762.20	544.00	-0.6745
11-4	9/15/1997	0:00	10:30	2.5	1.0	769.10	551.80	-0.6641
11-5	9/15/1997	0:00	10:15	2.7	1.0	563.40	325.40	-1.0979
11-5	9/15/1997	0:00	10:15	2.7	1.0	542.60	318.10	-1.0680
11-5	9/15/1997	0:00	10:15	2.7	1.0	545.30	315.50	-1.0944
13-1	9/16/1997	0:00	12:00	4.5	1.0	1036.00	554.10	-1.2516
13-1	9/16/1997	0:00	12:00	4.5	1.0	1047.00	558.30	-1.2576
13-1	9/16/1997	0:00	12:00	4.5	1.0	1044.00	563.70	-1.2326
13-2	9/16/1997	0:00	11:45	1.8	0.9	337.50	219.60	-0.8595
13-2	9/16/1997	0:00	11:45	1.8	0.9	336.10	218.80	-0.8585
13-2	9/16/1997	0:00	11:45	1.8	0.9	331.40	216.20	-0.8542
13-3	9/16/1997	0:00	11:35	2.4	1.0	898.60	574.10	-0.8961
13-3	9/16/1997	0:00	11:35	2.4	1.0	875.80	561.00	-0.8908
13-3	9/16/1997	0:00	11:35	2.4	1.0	903.40	575.20	-0.9029
13-4	9/16/1997	0:00	11:20	1.0	0.5	1267.00	660.80	-1.3019
13-4	9/16/1997	0:00	11:20	1.0	0.5	1255.00	646.90	-1.3254
13-4	9/16/1997	0:00	11:20	1.0	0.5	1155.00	587.10	-1.3533
13-5	9/16/1997	0:00	11:05	2.4	1.0	859.60	458.10	-1.2588
13-5	9/16/1997	0:00	11:05	2.4	1.0	857.90	457.80	-1.2561
13-5	9/16/1997	0:00	11:05	2.4	1.0	893.80	472.10	-1.2766
14-1	9/16/1997	0:00	10:55	2.4	1.0	712.20	379.80	-1.2574
14-1	9/16/1997	0:00	10:55	2.4	1.0	778.90	410.00	-1.2835
14-1	9/16/1997	0:00	10:55	2.4	1.0	769.20	406.90	-1.2736
14-2	9/16/1997	0:00	10:40	1.6	0.8	760.90	438.10	-1.1041
14-2	9/16/1997	0:00	10:40	1.6	0.8	763.00	440.10	-1.1005
14-2	9/16/1997	0:00	10:40	1.6	0.8	745.70	409.60	-1.1983
14-3	9/16/1997	0:00	10:30	2.7	1.0	642.00	369.00	-1.1076
14-3	9/16/1997	0:00	10:30	2.7	1.0	644.80	369.00	-1.1163
14-3	9/16/1997	0:00	10:30	2.7	1.0	653.80	375.90	-1.1070
14-4	9/16/1997	0:00	10:15	1.8	0.9	692.50	387.60	-1.1607
14-4	9/16/1997	0:00	10:15	1.8	0.9	689.10	388.40	-1.1467
14-4	9/16/1997	0:00	10:15	1.8	0.9	702.50	396.70	-1.1429
14-5	9/16/1997	0:00	10:00	1.6	0.8	662.00	370.50	-1.1608
14-5	9/16/1997	0:00	10:00	1.6	0.8	636.70	363.90	-1.1188
14-5	9/16/1997	0:00	10:00	1.6	0.8	648.00	370.60	-1.1175
14-5 Rep	9/16/1997	0:00	10:05	1.6	0.6	700.80	388.80	-1.1783

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
14-5 Rep	9/16/1997 0:00	10:05	1.6	0.6	676.30	379.70	-1.1545
14-5 Rep	9/16/1997 0:00	10:05	1.6	0.6	683.20	377.90	-1.1843
16-1	9/18/1997 0:00	12:10	2.3	1.0	927.40	538.70	-1.0865
16-1	9/18/1997 0:00	12:10	2.3	1.0	947.70	550.40	-1.0868
16-1	9/18/1997 0:00	12:10	2.3	1.0	948.70	551.00	-1.0867
16-2	9/18/1997 0:00	11:55	2.1	1.0	783.10	476.10	-0.9953
16-2	9/18/1997 0:00	11:55	2.1	1.0	784.80	477.60	-0.9933
16-2	9/18/1997 0:00	11:55	2.1	1.0	783.40	475.30	-0.9994
16-3	9/18/1997 0:00	11:45	1.6	0.8	451.60	281.40	-0.9460
16-3	9/18/1997 0:00	11:45	1.6	0.8	443.70	275.80	-0.9509
16-3	9/18/1997 0:00	11:45	1.6	0.8	439.80	274.20	-0.9449
16-4	9/18/1997 0:00	11:35	1.3	0.6	498.10	333.60	-0.8017
16-4	9/18/1997 0:00	11:35	1.3	0.6	494.90	329.60	-0.8130
16-4	9/18/1997 0:00	11:35	1.3	0.6	487.40	322.10	-0.8284
16-5	9/18/1997 0:00	11:20	3.0	1.0	445.00	257.60	-1.0933
16-5	9/18/1997 0:00	11:20	3.0	1.0	434.30	261.50	-1.0146
16-5	9/18/1997 0:00	11:20	3.0	1.0	428.30	257.80	-1.0153
LB-1	9/18/1997 0:00	10:45	3.6	1.0	339.10	174.00	-1.3345
LB-1	9/18/1997 0:00	10:45	3.6	1.0	339.80	175.60	-1.3203
LB-1	9/18/1997 0:00	10:45	3.6	1.0	341.10	174.90	-1.3359
LB-2	9/18/1997 0:00	10:30	3.2	1.0	310.50	154.70	-1.3934
LB-2	9/18/1997 0:00	10:30	3.2	1.0	308.00	152.20	-1.4098
LB-2	9/18/1997 0:00	10:30	3.2	1.0	305.60	152.40	-1.3915
LB-3	9/18/1997 0:00	10:20	1.7	0.8	290.30	159.60	-1.1965
LB-3	9/18/1997 0:00	10:20	1.7	0.8	282.00	156.20	-1.1815
LB-3	9/18/1997 0:00	10:20	1.7	0.8	265.70	149.10	-1.1555
LB-4	9/18/1997 0:00	10:10	1.1	0.5	247.90	113.40	-1.5642
LB-4	9/18/1997 0:00	10:10	1.1	0.5	246.30	112.80	-1.5619
LB-4	9/18/1997 0:00	10:10	1.1	0.5	246.60	112.70	-1.5661
LB-5	9/18/1997 0:00	9:55	1.1	0.5	189.90	98.82	-1.3064
LB-5	9/18/1997 0:00	9:55	1.1	0.5	191.00	99.70	-1.3002
LB-5	9/18/1997 0:00	9:55	1.1	0.5	191.90	99.80	-1.3076
LB-5 Rep	9/18/1997 0:00	10:00	1.1	0.5	187.10	98.11	-1.2911
LB-5 Rep	9/18/1997 0:00	10:00	1.1	0.5	188.10	98.18	-1.3003
LB-5 Rep	9/18/1997 0:00	10:00	1.1	0.5	187.50	98.36	-1.2903
ML-1	9/17/1997 0:00	11:05	1.1	0.5	165.70	21.38	-4.0954
ML-1	9/17/1997 0:00	11:05	1.1	0.5	165.30	21.74	-4.0572
ML-1	9/17/1997 0:00	11:05	1.1	0.5	168.40	21.80	-4.0889
ML-2	9/17/1997 0:00	10:50	1.4	0.7	95.60	10.93	-4.3373
ML-2	9/17/1997 0:00	10:50	1.4	0.7	91.54	10.46	-4.3384
ML-2	9/17/1997 0:00	10:50	1.4	0.7	96.84	11.09	-4.3340
ML-3	9/17/1997 0:00	10:35	2.7	1.0	54.86	10.29	-3.3472
ML-3	9/17/1997 0:00	10:35	2.7	1.0	55.84	10.93	-3.2620
ML-3	9/17/1997 0:00	10:35	2.7	1.0	52.04	9.78	-3.3433
ML-4	9/17/1997 0:00	10:15	1.8	0.9	75.47	10.06	-4.0303
ML-4	9/17/1997 0:00	10:15	1.8	0.9	90.14	12.56	-3.9417
ML-4	9/17/1997 0:00	10:15	1.8	0.9	92.99	12.79	-3.9677

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient	
ML-5	9/17/1997	0:00	9:55	1.6	0.8	99.29	13.40	-4.0056
ML-5	9/17/1997	0:00	9:55	1.6	0.8	99.49	13.42	-4.0066
ML-5	9/17/1997	0:00	9:55	1.6	0.8	101.00	13.32	-4.0517
ML-5 Rep	9/17/1997	0:00	10:00	1.6	0.8	94.25	11.90	-4.1388
ML-5 Rep	9/17/1997	0:00	10:00	1.6	0.8	96.34	12.26	-4.1231
ML-5 Rep	9/17/1997	0:00	10:00	1.6	0.8	98.99	12.51	-4.1370
MU-1	9/17/1997	0:00	12:20	1.9	0.9	154.70	25.14	-3.6341
MU-1	9/17/1997	0:00	12:20	1.9	0.9	154.70	25.01	-3.6444
MU-1	9/17/1997	0:00	12:20	1.9	0.9	162.00	26.59	-3.6141
MU-2	9/17/1997	0:00	12:00	1.4	0.7	106.50	14.70	-3.9606
MU-2	9/17/1997	0:00	12:00	1.4	0.7	109.00	15.18	-3.9427
MU-2	9/17/1997	0:00	12:00	1.4	0.7	108.40	14.02	-4.0907
MU-3	9/17/1997	0:00	11:50	1.1	0.5	525.30	57.46	-4.4258
MU-3	9/17/1997	0:00	11:50	1.1	0.5	470.20	50.35	-4.4683
MU-3	9/17/1997	0:00	11:50	1.1	0.5	445.70	48.34	-4.4428
MU-4	9/17/1997	0:00	11:35	0.9	0.4	269.00	41.80	-3.7236
MU-4	9/17/1997	0:00	11:35	0.9	0.4	237.50	36.34	-3.7545
MU-4	9/17/1997	0:00	11:35	0.9	0.4	292.10	45.06	-3.7382
MU-5	9/17/1997	0:00	11:20	1.1	0.5	140.70	18.56	-4.0512
MU-5	9/17/1997	0:00	11:20	1.1	0.5	139.80	18.76	-4.0170
MU-5	9/17/1997	0:00	11:20	1.1	0.5	138.50	18.24	-4.0545
10-1	10/9/1997	0:00	11:20	2.6	1.0	983.80	686.30	-0.7202
10-1	10/9/1997	0:00	11:20	2.6	1.0	994.30	691.40	-0.7266
10-1	10/9/1997	0:00	11:20	2.6	1.0	981.70	685.00	-0.7197
10-2	10/9/1997	0:00	12:15	1.5	0.7	1179.00	751.60	-0.9004
10-2	10/9/1997	0:00	12:15	1.5	0.7	1146.00	730.80	-0.8998
10-2	10/9/1997	0:00	12:15	1.5	0.7	1110.00	707.50	-0.9008
10-3	10/9/1997	0:00	11:35	2.6	1.0	1067.00	755.30	-0.6910
10-3	10/9/1997	0:00	11:35	2.6	1.0	988.10	698.10	-0.6948
10-3	10/9/1997	0:00	11:35	2.6	1.0	1015.00	716.70	-0.6960
10-4	10/9/1997	0:00	10:30	2.2	1.0	776.90	493.20	-0.9088
10-4	10/9/1997	0:00	10:30	2.2	1.0	773.60	493.00	-0.9011
10-4	10/9/1997	0:00	10:30	2.2	1.0	770.80	491.40	-0.9003
10-5	10/9/1997	0:00	9:45	2.3	1.0	462.40	271.70	-1.0635
10-5	10/9/1997	0:00	9:45	2.3	1.0	472.40	285.20	-1.0093
10-5	10/9/1997	0:00	9:45	2.3	1.0	469.50	282.70	-1.0146
10-5 Rep	10/9/1997	0:00	9:55	2.3	1.0	451.20	267.20	-1.0478
10-5 Rep	10/9/1997	0:00	9:55	2.3	1.0	445.40	258.70	-1.0866
10-5 Rep	10/9/1997	0:00	9:55	2.3	1.0	445.60	259.10	-1.0844
11-1	10/9/1997	0:00	11:05	3.6	1.0	852.70	596.90	-0.7133
11-1	10/9/1997	0:00	11:05	3.6	1.0	844.80	588.30	-0.7237
11-1	10/9/1997	0:00	11:05	3.6	1.0	824.30	577.40	-0.7120
11-2	10/9/1997	0:00	10:55	3.8	1.0	801.10	499.70	-0.9440
11-2	10/9/1997	0:00	10:55	3.8	1.0	825.80	515.00	-0.9444
11-2	10/9/1997	0:00	10:55	3.8	1.0	817.80	510.70	-0.9417
11-3	10/9/1997	0:00	10:45	3.1	1.0	871.80	556.20	-0.8989

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient	
11-3	10/9/1997	0:00	10:45	3.1	1.0	836.00	535.60	-0.8905
11-3	10/9/1997	0:00	10:45	3.1	1.0	871.90	554.30	-0.9059
11-4	10/9/1997	0:00	10:20	1.7	0.8	637.60	362.40	-1.1299
11-4	10/9/1997	0:00	10:20	1.7	0.8	616.70	353.50	-1.1130
11-4	10/9/1997	0:00	10:20	1.7	0.8	625.20	343.30	-1.1989
11-5	10/9/1997	0:00	10:05	2.7	1.0	564.60	299.90	-1.2653
11-5	10/9/1997	0:00	10:05	2.7	1.0	548.90	292.90	-1.2562
11-5	10/9/1997	0:00	10:05	2.7	1.0	545.90	288.20	-1.2776
13-1	10/8/1997	0:00	12:00	1.4	0.7	971.20	548.10	-1.1441
13-1	10/8/1997	0:00	12:00	1.4	0.7	863.80	486.10	-1.1499
13-1	10/8/1997	0:00	12:00	1.4	0.7	837.50	464.40	-1.1794
13-2	10/8/1997	0:00	11:40	1.4	0.7	612.60	265.40	-1.6729
13-2	10/8/1997	0:00	11:40	1.4	0.7	624.40	269.40	-1.6812
13-2	10/8/1997	0:00	11:40	1.4	0.7	599.00	258.70	-1.6792
13-3	10/8/1997	0:00	11:25	1.8	0.9	626.80	341.70	-1.2134
13-3	10/8/1997	0:00	11:25	1.8	0.9	551.80	297.70	-1.2342
13-3	10/8/1997	0:00	11:25	1.8	0.9	568.20	308.30	-1.2228
13-4	10/8/1997	0:00	11:10	2.9	1.0	185.80	87.75	-1.5004
13-4	10/8/1997	0:00	11:10	2.9	1.0	172.10	81.41	-1.4972
13-4	10/8/1997	0:00	11:10	2.9	1.0	160.50	75.49	-1.5086
13-5	10/8/1997	0:00	10:55	3.9	1.0	503.70	250.80	-1.3947
13-5	10/8/1997	0:00	10:55	3.9	1.0	536.10	265.50	-1.4054
13-5	10/8/1997	0:00	10:55	3.9	1.0	505.60	250.20	-1.4070
14-1	10/8/1997	0:00	10:45	2.1	1.0	555.80	274.70	-1.4095
14-1	10/8/1997	0:00	10:45	2.1	1.0	494.70	244.60	-1.4087
14-1	10/8/1997	0:00	10:45	2.1	1.0	501.80	248.60	-1.4047
14-2	10/8/1997	0:00	10:35	1.9	0.9	549.80	265.50	-1.4559
14-2	10/8/1997	0:00	10:35	1.9	0.9	615.50	296.90	-1.4581
14-2	10/8/1997	0:00	10:35	1.9	0.9	592.40	284.80	-1.4648
14-3	10/8/1997	0:00	10:25	1.1	0.5	482.70	236.10	-1.4303
14-3	10/8/1997	0:00	10:25	1.1	0.5	472.70	229.90	-1.4416
14-3	10/8/1997	0:00	10:25	1.1	0.5	447.10	217.70	-1.4393
14-4	10/8/1997	0:00	10:15	1.8	0.9	429.10	191.00	-1.6188
14-4	10/8/1997	0:00	10:15	1.8	0.9	431.40	193.50	-1.6035
14-4	10/8/1997	0:00	10:15	1.8	0.9	438.10	195.90	-1.6097
14-5	10/8/1997	0:00	9:55	1.3	0.6	489.10	242.70	-1.4015
14-5	10/8/1997	0:00	9:55	1.3	0.6	491.00	242.10	-1.4142
14-5	10/8/1997	0:00	9:55	1.3	0.6	520.00	258.20	-1.4002
14-5 Rep	10/8/1997	0:00	10:00	1.3	0.6	386.40	189.20	-1.4281
14-5 Rep	10/8/1997	0:00	10:00	1.3	0.6	465.70	228.50	-1.4240
14-5 Rep	10/8/1997	0:00	10:00	1.3	0.6	484.20	238.60	-1.4154
16-1	10/7/1997	0:00	12:05	3.3	1.0	869.70	459.20	-1.2773
16-1	10/7/1997	0:00	12:05	3.3	1.0	823.20	434.40	-1.2785
16-1	10/7/1997	0:00	12:05	3.3	1.0	798.30	430.10	-1.2369
16-2	10/7/1997	0:00	11:55	1.5	0.7	944.60	496.30	-1.2872
16-2	10/7/1997	0:00	11:55	1.5	0.7	941.40	496.70	-1.2788
16-2	10/7/1997	0:00	11:55	1.5	0.7	926.50	489.60	-1.2757

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient	
16-3	10/7/1997	0:00	11:45	3.2	1.0	895.70	476.70	-1.2614
16-3	10/7/1997	0:00	11:45	3.2	1.0	896.40	478.10	-1.2571
16-3	10/7/1997	0:00	11:45	3.2	1.0	893.80	469.30	-1.2885
16-4	10/7/1997	0:00	11:35	2.7	1.0	939.20	534.10	-1.1289
16-4	10/7/1997	0:00	11:35	2.7	1.0	897.60	512.40	-1.1212
16-4	10/7/1997	0:00	11:35	2.7	1.0	969.40	532.60	-1.1978
16-5	10/7/1997	0:00	11:20	1.5	0.7	814.10	533.70	-0.8445
16-5	10/7/1997	0:00	11:20	1.5	0.7	788.30	514.90	-0.8518
16-5	10/7/1997	0:00	11:20	1.5	0.7	758.40	494.60	-0.8549
LB-1	10/7/1997	0:00	10:45	3.5	1.0	700.10	281.10	-1.8250
LB-1	10/7/1997	0:00	10:45	3.5	1.0	698.10	278.60	-1.8372
LB-1	10/7/1997	0:00	10:45	3.5	1.0	678.00	266.70	-1.8660
LB-2	10/7/1997	0:00	10:30	1.7	0.8	602.80	239.80	-1.8436
LB-2	10/7/1997	0:00	10:30	1.7	0.8	601.60	237.80	-1.8563
LB-2	10/7/1997	0:00	10:30	1.7	0.8	583.90	228.60	-1.8755
LB-3	10/7/1997	0:00	10:20	2.3	1.0	841.80	351.60	-1.7461
LB-3	10/7/1997	0:00	10:20	2.3	1.0	853.20	349.10	-1.7873
LB-3	10/7/1997	0:00	10:20	2.3	1.0	761.50	320.90	-1.7283
LB-4	10/7/1997	0:00	10:10	1.9	0.9	690.40	364.30	-1.2786
LB-4	10/7/1997	0:00	10:10	1.9	0.9	702.80	383.80	-1.2099
LB-4	10/7/1997	0:00	10:10	1.9	0.9	709.60	389.40	-1.2002
LB-5	10/7/1997	0:00	9:50	1.4	0.7	774.20	475.60	-0.9745
LB-5	10/7/1997	0:00	9:50	1.4	0.7	719.40	442.70	-0.9711
LB-5	10/7/1997	0:00	9:50	1.4	0.7	710.90	438.50	-0.9663
LB-5 Rep	10/7/1997	0:00	10:00	1.4	0.7	666.80	409.10	-0.9771
LB-5 Rep	10/7/1997	0:00	10:00	1.4	0.7	750.10	459.00	-0.9823
LB-5 Rep	10/7/1997	0:00	10:00	1.4	0.7	810.50	495.70	-0.9834
ML-1	10/6/1997	0:00	11:05	1.3	0.6	72.77	7.02	-4.6771
ML-1	10/6/1997	0:00	11:05	1.3	0.6	68.68	6.81	-4.6224
ML-1	10/6/1997	0:00	11:05	1.3	0.6	69.42	6.89	-4.6196
ML-2	10/6/1997	0:00	10:45	1.8	0.9	63.94	4.70	-5.2229
ML-2	10/6/1997	0:00	10:45	1.8	0.9	63.91	4.69	-5.2245
ML-2	10/6/1997	0:00	10:45	1.8	0.9	68.67	5.13	-5.1876
ML-3	10/6/1997	0:00	10:30	3.0	1.0	44.55	4.01	-4.8146
ML-3	10/6/1997	0:00	10:30	3.0	1.0	44.29	4.01	-4.8044
ML-3	10/6/1997	0:00	10:30	3.0	1.0	36.73	3.38	-4.7691
ML-4	10/6/1997	0:00	10:15	3.6	1.0	97.37	8.83	-4.8016
ML-4	10/6/1997	0:00	10:15	3.6	1.0	115.90	10.31	-4.8392
ML-4	10/6/1997	0:00	10:15	3.6	1.0	99.35	9.17	-4.7652
ML-5	10/6/1997	0:00	9:55	1.8	0.9	57.06	4.38	-5.1359
ML-5	10/6/1997	0:00	9:55	1.8	0.9	55.99	4.32	-5.1238
ML-5	10/6/1997	0:00	9:55	1.8	0.9	56.10	4.23	-5.1722
ML-5 Rep	10/6/1997	0:00	10:00	1.8	0.9	61.50	4.48	-5.2388
ML-5 Rep	10/6/1997	0:00	10:00	1.8	0.9	60.40	4.35	-5.2625
ML-5 Rep	10/6/1997	0:00	10:00	1.8	0.9	60.08	4.37	-5.2405
MU-1	10/6/1997	0:00	12:35	2.5	1.0	172.60	19.76	-4.3346
MU-1	10/6/1997	0:00	12:35	2.5	1.0	163.20	19.06	-4.2948

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
MU-1	10/6/1997 0:00	12:35	2.5	1.0	162.30	18.87	-4.3037
MU-2	10/6/1997 0:00	12:15	3.8	1.0	96.77	12.35	-4.1174
MU-2	10/6/1997 0:00	12:15	3.8	1.0	85.74	10.65	-4.1715
MU-2	10/6/1997 0:00	12:15	3.8	1.0	119.40	15.37	-4.1001
MU-3	10/6/1997 0:00	12:00	1.8	0.9	122.50	12.20	-4.6134
MU-3	10/6/1997 0:00	12:00	1.8	0.9	116.30	11.33	-4.6574
MU-3	10/6/1997 0:00	12:00	1.8	0.9	110.60	10.16	-4.7749
MU-4	10/6/1997 0:00	11:40	1.0	0.5	121.60	14.78	-4.2149
MU-4	10/6/1997 0:00	11:40	1.0	0.5	122.40	14.72	-4.2362
MU-4	10/6/1997 0:00	11:40	1.0	0.5	106.60	12.60	-4.2708
MU-5	10/6/1997 0:00	11:25	2.7	1.0	115.63	10.78	-4.7454
MU-5	10/6/1997 0:00	11:25	2.7	1.0	121.90	11.37	-4.7444
MU-5	10/6/1997 0:00	11:25	2.7	1.0	127.80	11.39	-4.8355
10-1	11/10/1997 0:00	10:35	3.8	1.0	946.60	670.60	-0.6894
10-1	11/10/1997 0:00	10:35	3.8	1.0	899.00	636.90	-0.6893
10-1	11/10/1997 0:00	10:35	3.8	1.0	947.30	674.60	-0.6790
10-2	11/10/1997 0:00	11:05	3.6	1.0	981.40	643.20	-0.8450
10-2	11/10/1997 0:00	11:05	3.6	1.0	985.30	649.20	-0.8344
10-2	11/10/1997 0:00	11:05	3.6	1.0	962.80	631.70	-0.8429
10-3	11/10/1997 0:00	10:50	3.0	1.0	823.00	509.80	-0.9579
10-3	11/10/1997 0:00	10:50	3.0	1.0	801.00	496.60	-0.9562
10-3	11/10/1997 0:00	10:50	3.0	1.0	823.10	508.70	-0.9624
10-4	11/10/1997 0:00	11:15	3.3	1.0	1044.00	689.70	-0.8291
10-4	11/10/1997 0:00	11:15	3.3	1.0	1048.00	697.60	-0.8140
10-4	11/10/1997 0:00	11:15	3.3	1.0	1036.00	686.10	-0.8242
10-5	11/10/1997 0:00	11:30	5.5	1.0	1030.00	719.80	-0.7167
10-5	11/10/1997 0:00	11:30	5.5	1.0	1025.00	715.80	-0.7181
10-5	11/10/1997 0:00	11:30	5.5	1.0	1024.00	718.10	-0.7097
11-1	11/10/1997 0:00	10:25	2.4	1.0	714.20	496.60	-0.7268
11-1	11/10/1997 0:00	10:25	2.4	1.0	688.40	479.20	-0.7245
11-1	11/10/1997 0:00	10:25	2.4	1.0	704.50	489.30	-0.7290
11-2	11/10/1997 0:00	10:15	3.9	1.0	737.40	527.60	-0.6696
11-2	11/10/1997 0:00	10:15	3.9	1.0	779.00	547.10	-0.7068
11-2	11/10/1997 0:00	10:15	3.9	1.0	763.30	539.00	-0.6959
11-3	11/10/1997 0:00	10:00	3.2	1.0	602.50	394.50	-0.8469
11-3	11/10/1997 0:00	10:00	3.2	1.0	600.60	392.80	-0.8493
11-3	11/10/1997 0:00	10:00	3.2	1.0	606.20	396.00	-0.8516
11-3 Rep	11/10/1997 0:00	10:05	3.2	1.0	579.80	379.90	-0.8456
11-3 Rep	11/10/1997 0:00	10:05	3.2	1.0	586.70	386.60	-0.8342
11-3 Rep	11/10/1997 0:00	10:05	3.2	1.0	602.70	396.60	-0.8370
11-4	11/10/1997 0:00	11:50	2.4	1.0	959.30	730.50	-0.5449
11-4	11/10/1997 0:00	11:50	2.4	1.0	940.40	713.10	-0.5534
11-4	11/10/1997 0:00	11:50	2.4	1.0	964.10	733.10	-0.5478
11-5	11/10/1997 0:00	11:40	1.9	0.9	1003.00	657.60	-0.8443
11-5	11/10/1997 0:00	11:40	1.9	0.9	1067.00	696.70	-0.8525
11-5	11/10/1997 0:00	11:40	1.9	0.9	1072.00	701.90	-0.8470

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient	
13-1	11/11/1997	0:00	11:40	2.2	1.0	665.50	460.50	-0.7365
13-1	11/11/1997	0:00	11:40	2.2	1.0	674.70	468.10	-0.7312
13-1	11/11/1997	0:00	11:40	2.2	1.0	685.10	475.10	-0.7321
13-2	11/11/1997	0:00	11:30	1.7	0.8	634.80	464.00	-0.6269
13-2	11/11/1997	0:00	11:30	1.7	0.8	629.50	461.20	-0.6222
13-2	11/11/1997	0:00	11:30	1.7	0.8	617.40	451.80	-0.6246
13-3	11/11/1997	0:00	11:10	1.1	0.5	313.30	214.70	-0.7558
13-3	11/11/1997	0:00	11:10	1.1	0.5	315.20	216.60	-0.7503
13-3	11/11/1997	0:00	11:10	1.1	0.5	318.90	217.10	-0.7690
13-4	11/11/1997	0:00	11:00	1.4	0.7	397.90	264.40	-0.8175
13-4	11/11/1997	0:00	11:00	1.4	0.7	406.60	270.50	-0.8151
13-4	11/11/1997	0:00	11:00	1.4	0.7	410.10	273.50	-0.8102
13-5	11/11/1997	0:00	10:45	2.4	1.0	224.20	154.20	-0.7486
13-5	11/11/1997	0:00	10:45	2.4	1.0	213.80	148.40	-0.7303
13-5	11/11/1997	0:00	10:45	2.4	1.0	219.50	151.80	-0.7376
14-1	11/11/1997	0:00	10:40	2.3	1.0	208.50	141.40	-0.7767
14-1	11/11/1997	0:00	10:40	2.3	1.0	207.10	141.30	-0.7646
14-1	11/11/1997	0:00	10:40	2.3	1.0	207.00	140.70	-0.7722
14-2	11/11/1997	0:00	10:30	2.3	1.0	230.00	143.40	-0.9449
14-2	11/11/1997	0:00	10:30	2.3	1.0	228.30	142.10	-0.9483
14-2	11/11/1997	0:00	10:30	2.3	1.0	227.20	141.30	-0.9499
14-3	11/11/1997	0:00	10:20	1.7	0.8	369.30	227.40	-0.9698
14-3	11/11/1997	0:00	10:20	1.7	0.8	363.30	222.60	-0.9797
14-3	11/11/1997	0:00	10:20	1.7	0.8	352.90	218.00	-0.9634
14-4	11/11/1997	0:00	10:10	1.6	0.8	676.80	402.40	-1.0399
14-4	11/11/1997	0:00	10:10	1.6	0.8	669.00	393.20	-1.0629
14-4	11/11/1997	0:00	10:10	1.6	0.8	685.50	409.00	-1.0329
14-5	11/11/1997	0:00	9:50	1.0	0.5	340.40	196.00	-1.1040
14-5	11/11/1997	0:00	9:50	1.0	0.5	341.50	195.80	-1.1125
14-5	11/11/1997	0:00	9:50	1.0	0.5	341.20	194.40	-1.1251
14-5 Rep	11/11/1997	0:00	10:00	1.0	0.5	354.80	202.30	-1.1236
14-5 Rep	11/11/1997	0:00	10:00	1.0	0.5	354.10	203.50	-1.1078
14-5 Rep	11/11/1997	0:00	10:00	1.0	0.5	345.70	196.40	-1.1308
16-1	11/13/1997	0:00	11:50	2.1	1.0	712.80	483.20	-0.7775
16-1	11/13/1997	0:00	11:50	2.1	1.0	744.50	506.00	-0.7724
16-1	11/13/1997	0:00	11:50	2.1	1.0	746.10	506.30	-0.7755
16-2	11/13/1997	0:00	12:00	1.8	0.9	814.70	556.10	-0.7637
16-2	11/13/1997	0:00	12:00	1.8	0.9	811.50	554.20	-0.7627
16-2	11/13/1997	0:00	12:00	1.8	0.9	817.90	557.60	-0.7662
16-3	11/13/1997	0:00	12:10	3.5	1.0	777.60	526.70	-0.7792
16-3	11/13/1997	0:00	12:10	3.5	1.0	767.90	521.40	-0.7743
16-3	11/13/1997	0:00	12:10	3.5	1.0	787.30	533.20	-0.7794
16-4	11/13/1997	0:00	12:20	3.9	1.0	832.00	572.80	-0.7466
16-4	11/13/1997	0:00	12:20	3.9	1.0	836.50	577.50	-0.7410
16-4	11/13/1997	0:00	12:20	3.9	1.0	823.90	567.20	-0.7467
16-5	11/13/1997	0:00	12:25	2.0	1.0	769.70	536.20	-0.7230
16-5	11/13/1997	0:00	12:25	2.0	1.0	786.10	545.90	-0.7293

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient	
16-5	11/13/1997	0:00	12:25	2.0	1.0	788.20	549.70	-0.7208
LB-1	11/13/1997	0:00	11:05	3.5	1.0	715.30	486.60	-0.7705
LB-1	11/13/1997	0:00	11:05	3.5	1.0	717.00	489.60	-0.7630
LB-1	11/13/1997	0:00	11:05	3.5	1.0	726.10	492.70	-0.7756
LB-2	11/13/1997	0:00	10:55	2.1	1.0	779.10	547.20	-0.7067
LB-2	11/13/1997	0:00	10:55	2.1	1.0	767.80	538.60	-0.7091
LB-2	11/13/1997	0:00	10:55	2.1	1.0	766.50	537.40	-0.7102
LB-3	11/13/1997	0:00	10:40	2.1	1.0	747.10	516.60	-0.7379
LB-3	11/13/1997	0:00	10:40	2.1	1.0	761.30	526.20	-0.7387
LB-3	11/13/1997	0:00	10:40	2.1	1.0	756.20	521.90	-0.7417
LB-4	11/13/1997	0:00	10:25	2.9	1.0	665.40	428.40	-0.8807
LB-4	11/13/1997	0:00	10:25	2.9	1.0	662.00	427.10	-0.8765
LB-4	11/13/1997	0:00	10:25	2.9	1.0	662.80	427.60	-0.8766
LB-5	11/13/1997	0:00	10:00	2.3	1.0	587.10	389.70	-0.8196
LB-5	11/13/1997	0:00	10:00	2.3	1.0	590.50	393.90	-0.8097
LB-5	11/13/1997	0:00	10:00	2.3	1.0	591.60	397.50	-0.7953
LB-5 Rep	11/13/1997	0:00	10:10	2.3	1.0	569.70	379.60	-0.8120
LB-5 Rep	11/13/1997	0:00	10:10	2.3	1.0	575.40	382.10	-0.8188
LB-5 Rep	11/13/1997	0:00	10:10	2.3	1.0	589.40	391.60	-0.8177
ML-1	11/12/1997	0:00	11:20	1.3	0.6	206.40	33.68	-3.6258
ML-1	11/12/1997	0:00	11:20	1.3	0.6	211.60	33.94	-3.6602
ML-1	11/12/1997	0:00	11:20	1.3	0.6	213.00	34.02	-3.6687
ML-2	11/12/1997	0:00	11:05	2.0	1.0	289.00	51.32	-3.4567
ML-2	11/12/1997	0:00	11:05	2.0	1.0	282.60	50.76	-3.4338
ML-2	11/12/1997	0:00	11:05	2.0	1.0	297.40	52.46	-3.4701
ML-3	11/12/1997	0:00	10:45	1.7	0.8	237.60	34.44	-3.8627
ML-3	11/12/1997	0:00	10:45	1.7	0.8	224.80	33.50	-3.8073
ML-3	11/12/1997	0:00	10:45	1.7	0.8	238.40	35.38	-3.8156
ML-4	11/12/1997	0:00	10:30	3.2	1.0	347.90	55.12	-3.6848
ML-4	11/12/1997	0:00	10:30	3.2	1.0	355.40	56.08	-3.6929
ML-4	11/12/1997	0:00	10:30	3.2	1.0	348.90	56.16	-3.6532
ML-5	11/12/1997	0:00	10:00	2.1	1.0	220.80	40.50	-3.3919
ML-5	11/12/1997	0:00	10:00	2.1	1.0	235.40	44.26	-3.3424
ML-5	11/12/1997	0:00	10:00	2.1	1.0	245.00	46.16	-3.3383
ML-5 Rep	11/12/1997	0:00	10:10	2.1	1.0	214.70	39.46	-3.3879
ML-5 Rep	11/12/1997	0:00	10:10	2.1	1.0	212.80	39.50	-3.3681
ML-5 Rep	11/12/1997	0:00	10:10	2.1	1.0	219.70	40.80	-3.3672
MU-1	11/12/1997	0:00	12:55	1.9	0.9	72.60	18.83	-2.6990
MU-1	11/12/1997	0:00	12:55	1.9	0.9	72.75	18.75	-2.7117
MU-1	11/12/1997	0:00	12:55	1.9	0.9	71.92	18.62	-2.7026
MU-2	11/12/1997	0:00	12:35	2.9	1.0	89.20	20.32	-2.9586
MU-2	11/12/1997	0:00	12:35	2.9	1.0	82.23	18.78	-2.9535
MU-2	11/12/1997	0:00	12:35	2.9	1.0	89.31	20.14	-2.9788
MU-3	11/12/1997	0:00	12:15	1.9	0.9	135.70	29.85	-3.0285
MU-3	11/12/1997	0:00	12:15	1.9	0.9	145.50	32.95	-2.9704
MU-3	11/12/1997	0:00	12:15	1.9	0.9	147.50	31.85	-3.0656
MU-4	11/12/1997	0:00	12:00	0.7	0.3	605.40	110.00	-3.4108

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient	
MU-4	11/12/1997	0:00	12:00	0.7	0.3	611.60	109.50	-3.4403
MU-4	11/12/1997	0:00	12:00	0.7	0.3	609.70	108.80	-3.4469
MU-5	11/12/1997	0:00	11:40	1.7	0.8	179.90	37.32	-3.1457
MU-5	11/12/1997	0:00	11:40	1.7	0.8	175.70	36.28	-3.1550
MU-5	11/12/1997	0:00	11:40	1.7	0.8	175.30	35.58	-3.1894
10-1	12/9/1997	0:00	10:00	2.3	1.0	669.90	459.10	-0.7557
10-1	12/9/1997	0:00	10:00	2.3	1.0	645.70	443.40	-0.7517
10-1	12/9/1997	0:00	10:00	2.3	1.0	664.20	455.30	-0.7553
10-1 Rep	12/9/1997	0:00	10:10	2.3	1.0	648.40	443.20	-0.7610
10-1 Rep	12/9/1997	0:00	10:10	2.3	1.0	657.20	447.60	-0.7682
10-1 Rep	12/9/1997	0:00	10:10	2.3	1.0	625.70	429.10	-0.7544
10-2	12/9/1997	0:00	10:40	2.2	1.0	561.50	374.30	-0.8111
10-2	12/9/1997	0:00	10:40	2.2	1.0	685.50	456.40	-0.8136
10-2	12/9/1997	0:00	10:40	2.2	1.0	659.70	438.10	-0.8187
10-3	12/9/1997	0:00	10:25	2.8	1.0	571.00	413.10	-0.6474
10-3	12/9/1997	0:00	10:25	2.8	1.0	566.70	411.70	-0.6391
10-3	12/9/1997	0:00	10:25	2.8	1.0	563.30	409.80	-0.6363
10-4	12/9/1997	0:00	10:50	3.4	1.0	675.50	460.60	-0.7658
10-4	12/9/1997	0:00	10:50	3.4	1.0	671.10	457.50	-0.7663
10-4	12/9/1997	0:00	10:50	3.4	1.0	601.80	412.60	-0.7549
10-5	12/9/1997	0:00	11:10	3.8	1.0	929.10	644.40	-0.7318
10-5	12/9/1997	0:00	11:10	3.8	1.0	970.20	671.70	-0.7354
10-5	12/9/1997	0:00	11:10	3.8	1.0	918.10	639.90	-0.7220
11-1	12/9/1997	0:00	12:15	3.6	1.0	843.40	565.80	-0.7984
11-1	12/9/1997	0:00	12:15	3.6	1.0	824.20	557.20	-0.7830
11-1	12/9/1997	0:00	12:15	3.6	1.0	828.60	560.10	-0.7832
11-2	12/9/1997	0:00	12:05	3.5	1.0	421.10	288.50	-0.7564
11-2	12/9/1997	0:00	12:05	3.5	1.0	432.20	297.50	-0.7469
11-2	12/9/1997	0:00	12:05	3.5	1.0	435.40	297.40	-0.7624
11-3	12/9/1997	0:00	11:50	2.7	1.0	944.60	671.90	-0.6813
11-3	12/9/1997	0:00	11:50	2.7	1.0	934.70	667.80	-0.6725
11-3	12/9/1997	0:00	11:50	2.7	1.0	936.20	665.30	-0.6832
11-4	12/9/1997	0:00	11:35	1.8	0.9	938.40	670.00	-0.6738
11-4	12/9/1997	0:00	11:35	1.8	0.9	942.50	671.20	-0.6789
11-4	12/9/1997	0:00	11:35	1.8	0.9	943.70	670.00	-0.6851
11-5	12/9/1997	0:00	11:20	2.8	1.0	561.40	384.60	-0.7565
11-5	12/9/1997	0:00	11:20	2.8	1.0	528.30	362.90	-0.7511
11-5	12/9/1997	0:00	11:20	2.8	1.0	475.40	327.30	-0.7466
13-1	12/10/1997	0:00	12:30	1.8	0.9	500.60	328.10	-0.8450
13-1	12/10/1997	0:00	12:30	1.8	0.9	498.70	327.70	-0.8398
13-1	12/10/1997	0:00	12:30	1.8	0.9	501.40	330.60	-0.8330
13-2	12/10/1997	0:00	12:15	1.5	0.7	515.60	278.30	-1.2333
13-2	12/10/1997	0:00	12:15	1.5	0.7	542.30	287.60	-1.2685
13-2	12/10/1997	0:00	12:15	1.5	0.7	535.40	291.20	-1.2180
13-3	12/10/1997	0:00	12:05	2.6	1.0	418.70	229.60	-1.2016
13-3	12/10/1997	0:00	12:05	2.6	1.0	410.60	224.20	-1.2102

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient	
13-3	12/10/1997	0:00	12:05	2.6	1.0	421.10	230.10	-1.2087
13-4	12/10/1997	0:00	11:45	1.9	0.9	510.60	264.60	-1.3147
13-4	12/10/1997	0:00	11:45	1.9	0.9	525.30	269.90	-1.3318
13-4	12/10/1997	0:00	11:45	1.9	0.9	510.00	261.80	-1.3337
13-5	12/10/1997	0:00	11:35	1.9	0.9	459.60	207.90	-1.5866
13-5	12/10/1997	0:00	11:35	1.9	0.9	435.00	202.80	-1.5263
13-5	12/10/1997	0:00	11:35	1.9	0.9	427.90	194.70	-1.5749
14-1	12/10/1997	0:00	11:25	1.8	0.9	450.10	169.30	-1.9556
14-1	12/10/1997	0:00	11:25	1.8	0.9	463.80	174.80	-1.9516
14-1	12/10/1997	0:00	11:25	1.8	0.9	477.80	179.30	-1.9603
14-2	12/10/1997	0:00	11:05	1.9	0.9	417.00	200.20	-1.4675
14-2	12/10/1997	0:00	11:05	1.9	0.9	431.50	207.20	-1.4672
14-2	12/10/1997	0:00	11:05	1.9	0.9	469.20	225.60	-1.4645
14-3	12/10/1997	0:00	10:55	2.8	1.0	216.90	111.90	-1.3237
14-3	12/10/1997	0:00	10:55	2.8	1.0	206.30	106.30	-1.3261
14-3	12/10/1997	0:00	10:55	2.8	1.0	200.40	103.20	-1.3273
14-4	12/10/1997	0:00	10:35	2.1	1.0	179.80	88.77	-1.4116
14-4	12/10/1997	0:00	10:35	2.1	1.0	186.20	91.94	-1.4114
14-4	12/10/1997	0:00	10:35	2.1	1.0	186.80	91.98	-1.4169
14-5	12/10/1997	0:00	10:00	1.9	0.9	193.70	98.18	-1.3590
14-5	12/10/1997	0:00	10:00	1.9	0.9	192.50	97.12	-1.3683
14-5	12/10/1997	0:00	10:00	1.9	0.9	195.10	98.86	-1.3596
14-5 Rep	12/10/1997	0:00	10:10	1.9	0.9	196.50	99.42	-1.3626
14-5 Rep	12/10/1997	0:00	10:10	1.9	0.9	193.40	97.54	-1.3690
14-5 Rep	12/10/1997	0:00	10:10	1.9	0.9	192.70	97.54	-1.3617
16-1	12/12/1997	0:00	12:45	1.6	0.8	67.97	40.06	-1.0574
16-1	12/12/1997	0:00	12:45	1.6	0.8	63.59	37.10	-1.0777
16-1	12/12/1997	0:00	12:45	1.6	0.8	62.79	36.68	-1.0751
16-2	12/12/1997	0:00	12:30	3.8	1.0	94.42	57.03	-1.0084
16-2	12/12/1997	0:00	12:30	3.8	1.0	90.45	53.84	-1.0376
16-2	12/12/1997	0:00	12:30	3.8	1.0	88.29	52.10	-1.0549
16-3	12/12/1997	0:00	12:20	2.0	1.0	94.91	40.80	-1.6885
16-3	12/12/1997	0:00	12:20	2.0	1.0	94.15	41.19	-1.6534
16-3	12/12/1997	0:00	12:20	2.0	1.0	92.69	40.88	-1.6372
16-4	12/12/1997	0:00	12:05	1.9	0.9	84.32	45.60	-1.2294
16-4	12/12/1997	0:00	12:05	1.9	0.9	82.03	43.36	-1.2751
16-4	12/12/1997	0:00	12:05	1.9	0.9	82.06	43.53	-1.2680
16-5	12/12/1997	0:00	11:55	2.9	1.0	93.01	34.83	-1.9645
16-5	12/12/1997	0:00	11:55	2.9	1.0	92.25	34.14	-1.9881
16-5	12/12/1997	0:00	11:55	2.9	1.0	88.45	32.95	-1.9749
LB-1	12/12/1997	0:00	11:10	0.9	0.4	126.60	62.52	-1.4111
LB-1	12/12/1997	0:00	11:10	0.9	0.4	128.70	62.96	-1.4300
LB-1	12/12/1997	0:00	11:10	0.9	0.4	132.00	63.26	-1.4711
LB-2	12/12/1997	0:00	10:50	2.0	1.0	84.84	55.23	-0.8585
LB-2	12/12/1997	0:00	10:50	2.0	1.0	85.20	55.40	-0.8608
LB-2	12/12/1997	0:00	10:50	2.0	1.0	83.86	54.79	-0.8513
LB-3	12/12/1997	0:00	10:35	2.1	1.0	71.10	51.25	-0.6547

Light

Table 3. Light Readings and Light Extinction Coefficients for the Period from January 1997 through August 1997 Monitoring Events.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
LB-3	12/12/1997 0:00	10:35	2.1	1.0	71.88	51.63	-0.6618
LB-3	12/12/1997 0:00	10:35	2.1	1.0	71.39	51.55	-0.6512
LB-4	12/12/1997 0:00	10:20	1.8	0.9	102.30	75.88	-0.5975
LB-4	12/12/1997 0:00	10:20	1.8	0.9	101.50	75.60	-0.5892
LB-4	12/12/1997 0:00	10:20	1.8	0.9	97.48	72.84	-0.5828
LB-5	12/12/1997 0:00	10:00	1.8	0.9	89.18	66.80	-0.5779
LB-5	12/12/1997 0:00	10:00	1.8	0.9	85.43	64.09	-0.5748
LB-5	12/12/1997 0:00	10:00	1.8	0.9	91.44	68.49	-0.5780
LB-5 Rep	12/12/1997 0:00	10:10	1.8	0.9	86.72	65.03	-0.5757
LB-5 Rep	12/12/1997 0:00	10:10	1.8	0.9	85.90	64.45	-0.5746
LB-5 Rep	12/12/1997 0:00	10:10	1.8	0.9	87.47	65.48	-0.5791
ML-1	12/11/1997 0:00	11:10	1.7	0.8	224.50	44.39	-3.2419
ML-1	12/11/1997 0:00	11:10	1.7	0.8	227.70	44.89	-3.2479
ML-1	12/11/1997 0:00	11:10	1.7	0.8	232.10	46.81	-3.2021
ML-2	12/11/1997 0:00	10:55	1.0	0.5	792.50	112.80	-3.8992
ML-2	12/11/1997 0:00	10:55	1.0	0.5	750.00	111.10	-3.8193
ML-2	12/11/1997 0:00	10:55	1.0	0.5	690.00	102.50	-3.8137
ML-3	12/11/1997 0:00	10:40	2.3	1.0	150.90	29.81	-3.2439
ML-3	12/11/1997 0:00	10:40	2.3	1.0	146.90	29.23	-3.2295
ML-3	12/11/1997 0:00	10:40	2.3	1.0	142.80	29.04	-3.1859
ML-4	12/11/1997 0:00	10:30	1.3	0.6	134.50	25.87	-3.2973
ML-4	12/11/1997 0:00	10:30	1.3	0.6	125.30	23.78	-3.3237
ML-4	12/11/1997 0:00	10:30	1.3	0.6	95.35	18.03	-3.3316
ML-5	12/11/1997 0:00	9:50	1.4	0.7	99.80	19.61	-3.2543
ML-5	12/11/1997 0:00	9:50	1.4	0.7	100.90	19.97	-3.2403
ML-5	12/11/1997 0:00	9:50	1.4	0.7	101.90	20.17	-3.2401
ML-5 Rep	12/11/1997 0:00	10:00	1.4	0.7	111.80	22.14	-3.2387
ML-5 Rep	12/11/1997 0:00	10:00	1.4	0.7	112.80	22.42	-3.2313
ML-5 Rep	12/11/1997 0:00	10:00	1.4	0.7	109.30	21.90	-3.2152
MU-1	12/11/1997 0:00	12:35	2.0	1.0	691.00	166.10	-2.8511
MU-1	12/11/1997 0:00	12:35	2.0	1.0	621.50	151.90	-2.8178
MU-1	12/11/1997 0:00	12:35	2.0	1.0	615.00	150.50	-2.8153
MU-2	12/11/1997 0:00	12:15	1.7	0.8	733.50	160.50	-3.0391
MU-2	12/11/1997 0:00	12:15	1.7	0.8	668.00	145.50	-3.0482
MU-2	12/11/1997 0:00	12:15	1.7	0.8	660.30	140.60	-3.0936
MU-3	12/11/1997 0:00	12:00	2.2	1.0	609.00	121.70	-3.2205
MU-3	12/11/1997 0:00	12:00	2.2	1.0	678.50	131.30	-3.2848
MU-3	12/11/1997 0:00	12:00	2.2	1.0	625.40	125.70	-3.2090
MU-4	12/11/1997 0:00	11:40	1.7	0.8	605.00	130.40	-3.0692
MU-4	12/11/1997 0:00	11:40	1.7	0.8	585.50	125.50	-3.0803
MU-4	12/11/1997 0:00	11:40	1.7	0.8	586.00	125.10	-3.0884
MU-5	12/11/1997 0:00	11:25	1.5	0.7	522.00	84.65	-3.6383
MU-5	12/11/1997 0:00	11:25	1.5	0.7	515.50	81.40	-3.6915
MU-5	12/11/1997 0:00	11:25	1.5	0.7	489.80	77.94	-3.6761

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
ML-1	1/7/1997	0:00	12:15	22.82	6.68	14146	8.2	101.5	8.28	12.5
ML-1	1/7/1997	0:00	12:30	22.79	6.68	14585	8.5	99.4	8.11	12.5
ML-1	1/7/1997	0:00	12:45	22.97	6.70	14367	8.3	100.8	8.20	12.5
ML-1	1/7/1997	0:00	13:00	23.17	6.72	14461	8.4	103.2	8.37	12.5
ML-1	1/7/1997	0:00	13:15	23.25	6.74	14858	8.6	104.8	8.47	12.5
ML-1	1/7/1997	0:00	13:30	23.33	6.74	15403	9.0	104.0	8.38	12.4
ML-1	1/7/1997	0:00	13:45	23.56	6.77	16106	9.4	107.2	8.57	12.5
ML-1	1/7/1997	0:00	14:00	23.51	6.77	16277	9.5	107.0	8.56	12.5
ML-1	1/7/1997	0:00	14:15	23.56	6.78	16799	9.8	107.2	8.55	12.5
ML-1	1/7/1997	0:00	14:30	23.67	6.79	17382	10.2	108.0	8.57	12.5
ML-1	1/7/1997	0:00	14:45	23.73	6.80	17559	10.3	107.9	8.55	12.5
ML-1	1/7/1997	0:00	15:00	23.80	6.80	17620	10.4	108.6	8.60	12.5
ML-1	1/7/1997	0:00	15:15	23.94	6.82	17802	10.5	110.9	8.74	12.3
ML-1	1/7/1997	0:00	15:30	24.02	6.84	18095	10.7	112.9	8.88	12.5
ML-1	1/7/1997	0:00	15:45	24.00	6.84	18210	10.7	112.1	8.81	12.4
ML-1	1/7/1997	0:00	16:00	23.98	6.84	18382	10.8	112.2	8.82	12.4
ML-1	1/7/1997	0:00	16:15	23.98	6.86	18556	11.0	113.1	8.88	12.4
ML-1	1/7/1997	0:00	16:30	24.04	6.87	18790	11.1	114.5	8.98	12.5
ML-1	1/7/1997	0:00	16:45	24.09	6.89	19025	11.3	116.2	9.09	12.4
ML-1	1/7/1997	0:00	17:00	24.09	6.89	19141	11.3	116.5	9.12	12.4
ML-1	1/7/1997	0:00	17:15	24.09	6.90	19199	11.4	114.9	8.99	12.4
ML-1	1/7/1997	0:00	17:30	24.07	6.90	19197	11.4	115.2	9.01	12.4
ML-1	1/7/1997	0:00	17:45	24.05	6.89	19138	11.3	116.3	9.10	12.4
ML-1	1/7/1997	0:00	18:00	24.02	6.88	18789	11.1	114.7	9.00	12.4
ML-1	1/7/1997	0:00	18:15	24.07	6.88	18677	11.0	114.6	8.99	12.4
ML-1	1/7/1997	0:00	18:30	23.93	6.86	18321	10.8	112.8	8.88	12.4
ML-1	1/7/1997	0:00	18:45	23.85	6.86	17797	10.5	112.7	8.90	12.4
ML-1	1/7/1997	0:00	19:00	23.96	6.86	17861	10.5	112.9	8.90	12.4
ML-1	1/7/1997	0:00	19:15	23.98	6.85	17804	10.5	111.0	8.74	12.4
ML-1	1/7/1997	0:00	19:30	23.93	6.85	17628	10.4	110.9	8.75	12.4
ML-1	1/7/1997	0:00	19:45	23.93	6.84	17339	10.2	110.6	8.74	12.4
ML-1	1/7/1997	0:00	20:00	23.89	6.83	17163	10.1	110.1	8.71	12.4
ML-1	1/7/1997	0:00	20:15	23.87	6.83	16989	10.0	109.5	8.67	12.4
ML-1	1/7/1997	0:00	20:30	23.83	6.83	16871	9.9	108.9	8.63	12.4
ML-1	1/7/1997	0:00	20:45	23.85	6.82	16872	9.9	107.7	8.53	12.4
ML-1	1/7/1997	0:00	21:00	23.76	6.82	16810	9.8	106.4	8.45	12.4
ML-1	1/7/1997	0:00	21:15	23.83	6.82	16756	9.8	106.9	8.48	12.4
ML-1	1/7/1997	0:00	21:30	23.73	6.82	16634	9.7	108.3	8.61	12.4
ML-1	1/7/1997	0:00	21:45	23.94	6.83	17860	10.5	109.0	8.59	12.4
ML-1	1/7/1997	0:00	22:00	23.93	6.83	17512	10.3	109.4	8.64	12.4
ML-1	1/7/1997	0:00	22:15	23.83	6.83	17333	10.2	109.6	8.67	12.4
ML-1	1/7/1997	0:00	22:30	23.69	6.84	17326	10.2	109.5	8.69	12.4
ML-1	1/7/1997	0:00	22:45	23.73	6.83	17674	10.4	108.3	8.58	12.4
ML-1	1/7/1997	0:00	23:00	23.83	6.84	18489	10.9	108.3	8.53	12.3
ML-1	1/7/1997	0:00	23:15	23.80	6.86	18718	11.1	110.1	8.67	12.3
ML-1	1/7/1997	0:00	23:30	23.73	6.85	18829	11.1	109.7	8.65	12.3
ML-1	1/7/1997	0:00	23:45	23.71	6.86	19001	11.2	108.9	8.59	12.3
ML-1	1/8/1997	0:00	0:00	23.64	6.86	19286	11.4	109.1	8.60	12.3
ML-1	1/8/1997	0:00	0:15	23.64	6.86	19574	11.6	108.8	8.57	12.3

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
ML-1	1/8/1997	0:00	0:30	23.58	6.86	19802	11.8	109.2	8.61	12.3
ML-1	1/8/1997	0:00	0:45	23.56	6.87	19974	11.9	109.4	8.62	12.3
ML-1	1/8/1997	0:00	1:00	23.54	6.87	20204	12.0	110.2	8.67	12.3
ML-1	1/8/1997	0:00	1:15	23.56	6.88	20494	12.2	111.1	8.73	12.3
ML-1	1/8/1997	0:00	1:30	23.60	6.89	20727	12.4	111.9	8.78	12.3
ML-1	1/8/1997	0:00	1:45	23.62	6.89	20959	12.5	113.2	8.87	12.3
ML-1	1/8/1997	0:00	2:00	23.64	6.91	21249	12.7	114.1	8.93	12.3
ML-1	1/8/1997	0:00	2:15	23.65	6.91	21423	12.8	114.5	8.95	12.3
ML-1	1/8/1997	0:00	2:30	23.65	6.92	21597	12.9	114.3	8.93	12.4
ML-1	1/8/1997	0:00	2:45	23.69	6.92	21830	13.1	115.1	8.98	12.3
ML-1	1/8/1997	0:00	3:00	23.71	6.92	21947	13.2	114.8	8.95	12.3
ML-1	1/8/1997	0:00	3:15	23.71	6.93	22005	13.2	114.0	8.88	12.3
ML-1	1/8/1997	0:00	3:30	23.69	6.92	21946	13.2	114.8	8.95	12.3
ML-1	1/8/1997	0:00	3:45	23.49	6.91	21413	12.8	113.3	8.89	12.3
ML-1	1/8/1997	0:00	4:00	23.45	6.89	21006	12.5	111.1	8.73	12.3
ML-1	1/8/1997	0:00	4:15	23.53	6.88	19972	11.9	110.3	8.69	12.3
ML-1	1/8/1997	0:00	4:30	23.44	6.87	20486	12.2	108.5	8.55	12.3
ML-1	1/8/1997	0:00	4:45	23.36	6.86	20308	12.1	108.0	8.52	12.3
ML-1	1/8/1997	0:00	5:00	23.38	6.86	20367	12.1	108.1	8.53	12.3
ML-1	1/8/1997	0:00	5:15	23.29	6.85	20131	12.0	106.4	8.42	12.3
ML-1	1/8/1997	0:00	5:30	23.26	6.83	19725	11.7	103.8	8.23	12.3
ML-1	1/8/1997	0:00	5:45	23.20	6.82	19492	11.6	103.3	8.20	12.3
ML-1	1/8/1997	0:00	6:00	23.18	6.82	19548	11.6	101.8	8.08	12.3
ML-1	1/8/1997	0:00	6:15	23.06	6.81	19138	11.3	100.4	8.00	12.3
ML-1	1/8/1997	0:00	6:30	22.96	6.80	19023	11.3	99.4	7.94	12.2
ML-1	1/8/1997	0:00	6:45	22.91	6.79	18785	11.1	98.5	7.89	12.2
ML-1	1/8/1997	0:00	7:00	22.87	6.78	18326	10.8	98.3	7.90	12.2
ML-1	1/8/1997	0:00	7:15	22.86	6.77	18091	10.7	97.6	7.85	12.2
ML-1	1/8/1997	0:00	7:30	22.85	6.76	17922	10.6	97.3	7.83	12.2
ML-1	1/8/1997	0:00	7:45	22.86	6.76	17745	10.4	96.5	7.77	12.2
ML-1	1/8/1997	0:00	8:00	22.80	6.75	17574	10.3	95.9	7.73	12.2
ML-1	1/8/1997	0:00	8:15	22.79	6.75	17396	10.2	95.1	7.67	12.2
ML-1	1/8/1997	0:00	8:30	22.77	6.74	17107	10.0	94.7	7.66	12.2
ML-1	1/8/1997	0:00	8:45	22.77	6.74	16877	9.9	94.3	7.63	12.2
ML-1	1/8/1997	0:00	9:00	22.75	6.73	16703	9.8	93.9	7.61	12.3
ML-1	1/8/1997	0:00	9:15	22.77	6.73	16474	9.6	93.4	7.57	12.2
ML-1	1/8/1997	0:00	9:30	22.77	6.72	16301	9.5	93.2	7.55	12.2
ML-1	1/8/1997	0:00	9:45	22.77	6.72	16070	9.4	93.1	7.55	12.2
ML-1	1/8/1997	0:00	10:00	22.75	6.72	15839	9.2	92.9	7.54	12.2
ML-1	1/8/1997	0:00	10:15	22.73	6.71	15608	9.1	92.7	7.54	12.2
ML-1	1/8/1997	0:00	10:30	22.75	6.71	15378	8.9	92.6	7.54	12.2
ML-1	1/8/1997	0:00	10:45	22.79	6.71	15092	8.8	92.6	7.54	12.2
ML-1	1/8/1997	0:00	11:00	22.83	6.71	14824	8.6	92.7	7.55	12.2
ML-1	1/8/1997	0:00	11:15	22.90	6.71	14567	8.4	92.8	7.56	12.2
ML-1	1/8/1997	0:00	11:30	22.99	6.71	14277	8.3	93.3	7.59	12.2
ML-1	1/8/1997	0:00	11:45	23.10	6.72	14013	8.1	93.7	7.61	12.1
ML-1	1/8/1997	0:00	12:00	23.17	6.72	13761	7.9	93.9	7.63	12.2
ML-1	1/8/1997	0:00	12:15	23.28	6.72	13475	7.8	95.1	7.72	12.3
ML-1	1/8/1997	0:00	12:30	23.38	6.73	13207	7.6	96.8	7.85	12.2

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
ML-1	1/8/1997 0:00	12:45	23.54	6.74	13136	7.6	97.6	7.89	12.2
ML-1	1/8/1997 0:00	13:00	23.68	6.74	13283	7.6	99.7	8.04	12.2
ML-1	1/8/1997 0:00	13:15	23.80	6.75	13449	7.8	100.8	8.10	12.2
ML-1	1/8/1997 0:00	13:30	23.83	6.76	13849	8.0	101.6	8.15	12.2
ML-1	1/8/1997 0:00	13:45	23.85	6.78	14362	8.3	103.9	8.32	12.2
ML-1	1/8/1997 0:00	14:00	23.85	6.78	14622	8.5	103.9	8.31	12.2
LB-3	2/11/1997 0:00	11:00	19.35	7.97	43,408	28.0	79.1	6.13	11.6
LB-3	2/11/1997 0:00	11:15	18.85	8.03	43,916	28.4	87.5	6.83	11.6
LB-3	2/11/1997 0:00	11:30	17.73	7.88	44,268	28.6	82.5	6.58	11.6
LB-3	2/11/1997 0:00	11:45	18.85	7.94	44,549	28.8	82.5	6.43	11.6
LB-3	2/11/1997 0:00	12:00	19.13	7.99	44,610	28.9	83.5	6.47	11.6
LB-3	2/11/1997 0:00	12:15	19.09	7.99	44,610	28.9	85.0	6.59	11.6
LB-3	2/11/1997 0:00	12:30	19.11	8.01	44,725	29.0	83.3	6.45	11.6
LB-3	2/11/1997 0:00	12:45	19.11	8.03	44,725	29.0	79.6	6.17	11.6
LB-3	2/11/1997 0:00	13:00	19.15	8.03	44,726	29.0	79.5	6.15	11.5
LB-3	2/11/1997 0:00	13:15	19.23	8.04	44,670	28.9	80.6	6.23	11.5
LB-3	2/11/1997 0:00	13:30	19.80	8.06	44,686	28.9	84.8	6.48	11.5
LB-3	2/11/1997 0:00	13:45	20.20	8.08	44,645	28.9	90.7	6.88	11.5
LB-3	2/11/1997 0:00	14:00	20.24	8.08	44,589	28.9	94.4	7.16	11.5
LB-3	2/11/1997 0:00	14:15	20.29	8.10	44,649	28.9	96.2	7.28	11.5
LB-3	2/11/1997 0:00	14:30	20.22	8.09	44,646	28.9	96.4	7.31	11.6
LB-3	2/11/1997 0:00	14:45	19.92	8.06	44,575	28.9	94.9	7.24	11.5
LB-3	2/11/1997 0:00	15:00	19.82	8.05	44,572	28.9	94.8	7.24	11.5
LB-3	2/11/1997 0:00	15:15	19.96	8.08	44,577	28.9	94.8	7.22	11.5
LB-3	2/11/1997 0:00	15:30	19.97	8.09	44,693	28.9	94.7	7.21	11.5
LB-3	2/11/1997 0:00	15:45	19.97	8.11	44,693	28.9	93.8	7.15	11.5
LB-3	2/11/1997 0:00	16:00	19.96	8.10	44,692	28.9	94.4	7.19	11.5
LB-3	2/11/1997 0:00	16:15	19.94	8.09	44,691	28.9	94.4	7.19	11.5
LB-3	2/11/1997 0:00	16:30	19.94	8.11	44,691	28.9	95.0	7.24	11.5
LB-3	2/11/1997 0:00	16:45	20.01	8.11	44,694	28.9	95.8	7.29	11.5
LB-3	2/11/1997 0:00	17:00	19.94	8.09	44,634	28.9	95.4	7.27	11.5
LB-3	2/11/1997 0:00	17:15	19.87	8.08	44,574	28.9	94.8	7.24	11.4
LB-3	2/11/1997 0:00	17:30	19.78	8.08	44,571	28.9	94.3	7.21	11.4
LB-3	2/11/1997 0:00	17:45	19.70	8.05	44,452	28.8	93.8	7.19	11.4
LB-3	2/11/1997 0:00	18:00	19.63	8.05	44,508	28.8	93.7	7.19	11.4
LB-3	2/11/1997 0:00	18:15	19.52	8.04	44,447	28.8	93.2	7.17	11.4
LB-3	2/11/1997 0:00	18:30	19.46	8.05	44,445	28.8	93.4	7.19	11.4
LB-3	2/11/1997 0:00	18:45	19.40	8.05	44,501	28.8	93.9	7.24	11.4
LB-3	2/11/1997 0:00	19:00	19.42	8.10	44,674	28.9	94.4	7.27	11.3
LB-3	2/11/1997 0:00	19:15	19.39	8.11	44,846	29.1	95.2	7.33	11.4
LB-3	2/11/1997 0:00	19:30	19.39	8.13	44,846	29.1	95.7	7.37	11.4
LB-3	2/11/1997 0:00	19:45	19.40	8.14	44,846	29.1	95.7	7.36	11.4
LB-3	2/11/1997 0:00	20:00	19.40	8.17	45,076	29.2	96.3	7.41	11.3
LB-3	2/11/1997 0:00	20:15	19.33	8.16	45,017	29.2	96.2	7.41	11.3
LB-3	2/11/1997 0:00	20:30	19.32	8.15	44,959	29.1	96.0	7.39	11.3
LB-3	2/11/1997 0:00	20:45	19.23	8.15	45,072	29.2	94.9	7.32	11.3
LB-3	2/11/1997 0:00	21:00	19.27	8.15	44,843	29.1	96.8	7.47	11.3
LB-3	2/11/1997 0:00	21:15	19.28	8.17	44,786	29.0	99.1	7.65	11.3

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
LB-3	2/11/1997	0:00	21:30	19.33	8.17	44,787	29.0	99.0	7.63	11.3
LB-3	2/11/1997	0:00	21:45	19.35	8.17	44,903	29.1	99.2	7.64	11.3
LB-3	2/11/1997	0:00	22:00	19.28	8.16	44,901	29.1	97.6	7.53	11.3
LB-3	2/11/1997	0:00	22:15	19.15	8.15	44,898	29.1	96.7	7.48	11.3
LB-3	2/11/1997	0:00	22:30	19.23	8.15	44,842	29.1	95.2	7.35	11.3
LB-3	2/11/1997	0:00	22:45	19.13	8.15	45,013	29.2	93.9	7.26	11.2
LB-3	2/11/1997	0:00	23:00	19.06	8.16	45,012	29.2	93.9	7.27	11.2
LB-3	2/11/1997	0:00	23:15	19.06	8.15	45,012	29.2	93.3	7.22	11.2
LB-3	2/11/1997	0:00	23:30	19.01	8.15	45,011	29.2	92.9	7.20	11.2
LB-3	2/11/1997	0:00	23:45	18.97	8.16	45,068	29.2	92.3	7.16	11.2
LB-3	2/12/1997	0:00	0:00	18.89	8.15	45,009	29.2	92.5	7.19	11.2
LB-3	2/12/1997	0:00	0:15	18.72	8.15	44,950	29.1	92.3	7.19	11.2
LB-3	2/12/1997	0:00	0:30	18.22	8.16	44,951	29.1	90.7	7.14	11.2
LB-3	2/12/1997	0:00	0:45	18.24	8.15	44,893	29.1	92.5	7.29	11.2
LB-3	2/12/1997	0:00	1:00	18.20	8.13	44,893	29.1	92.5	7.29	11.1
LB-3	2/12/1997	0:00	1:15	18.22	8.13	44,893	29.1	91.7	7.22	11.2
LB-3	2/12/1997	0:00	1:30	18.13	8.10	44,894	29.1	90.3	7.12	11.1
LB-3	2/12/1997	0:00	1:45	18.32	8.13	44,950	29.1	89.8	7.06	11.1
LB-3	2/12/1997	0:00	2:00	18.19	8.10	44,893	29.1	88.9	7.00	11.1
LB-3	2/12/1997	0:00	2:15	18.24	8.10	44,893	29.1	88.8	6.99	11.1
LB-3	2/12/1997	0:00	2:30	18.29	8.11	44,950	29.1	90.2	7.09	11.0
LB-3	2/12/1997	0:00	2:45	18.27	8.12	44,893	29.1	90.0	7.08	11.1
LB-3	2/12/1997	0:00	3:00	18.08	8.09	44,837	29.0	90.4	7.14	11.1
LB-3	2/12/1997	0:00	3:15	18.13	8.08	44,837	29.0	89.4	7.05	11.1
LB-3	2/12/1997	0:00	3:30	18.12	8.08	44,894	29.1	90.1	7.11	11.1
LB-3	2/12/1997	0:00	3:45	18.13	8.08	44,779	29.0	89.6	7.07	11.1
LB-3	2/12/1997	0:00	4:00	18.13	8.08	44,779	29.0	89.1	7.04	11.0
LB-3	2/12/1997	0:00	4:15	18.17	8.08	44,893	29.1	88.8	7.00	11.0
LB-3	2/12/1997	0:00	4:30	18.15	8.08	44,779	29.0	88.6	6.99	11.0
LB-3	2/12/1997	0:00	4:45	18.22	8.09	44,893	29.1	87.9	6.93	11.0
LB-3	2/12/1997	0:00	5:00	18.24	8.09	44,893	29.1	87.7	6.90	10.9
LB-3	2/12/1997	0:00	5:15	18.13	8.09	44,894	29.1	88.1	6.95	11.0
LB-3	2/12/1997	0:00	5:30	18.07	8.08	44,780	29.0	88.1	6.96	11.0
LB-3	2/12/1997	0:00	5:45	18.05	8.08	44,837	29.0	87.9	6.95	11.0
LB-3	2/12/1997	0:00	6:00	18.12	8.10	44,894	29.1	87.1	6.87	11.0
LB-3	2/12/1997	0:00	6:15	17.78	8.08	44,899	29.1	88.0	7.00	11.0
LB-3	2/12/1997	0:00	6:30	17.61	8.09	45,018	29.2	88.0	7.01	11.0
LB-3	2/12/1997	0:00	6:45	17.17	8.06	44,918	29.1	87.6	7.04	10.9
LB-3	2/12/1997	0:00	7:00	16.91	8.01	44,871	29.1	84.2	6.81	10.9
LB-3	2/12/1997	0:00	7:15	16.71	8.03	44,996	29.2	83.6	6.79	10.9
LB-3	2/12/1997	0:00	7:30	17.05	8.05	44,922	29.1	84.6	6.82	10.9
LB-3	2/12/1997	0:00	7:45	17.73	8.12	44,958	29.1	86.8	6.90	10.9
LB-3	2/12/1997	0:00	8:00	17.51	8.11	45,078	29.2	86.9	6.93	10.9
LB-3	2/12/1997	0:00	8:15	17.40	8.11	45,081	29.2	86.3	6.91	10.9
LB-3	2/12/1997	0:00	8:30	17.32	8.10	45,084	29.2	85.8	6.87	10.9
LB-3	2/12/1997	0:00	8:45	17.00	8.06	44,982	29.2	85.9	6.93	10.8
LB-3	2/12/1997	0:00	9:00	16.66	8.06	45,171	29.3	85.0	6.90	10.8
LB-3	2/12/1997	0:00	9:15	16.63	8.06	45,000	29.2	82.9	6.74	10.8
LB-3	2/12/1997	0:00	9:30	16.75	8.06	44,994	29.2	82.4	6.68	10.8

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
LB-3	2/12/1997	0:00	9:45	16.58	8.05	44,946	29.1	84.4	6.87	10.8
LB-3	2/12/1997	0:00	10:00	16.32	8.05	44,904	29.1	83.8	6.86	10.7
LB-3	2/12/1997	0:00	10:15	16.64	8.05	44,884	29.1	83.5	6.79	10.7
LB-3	2/12/1997	0:00	10:30	16.63	8.06	44,943	29.1	84.9	6.90	10.7
LB-3	2/12/1997	0:00	10:45	16.98	8.07	44,810	29.0	86.5	6.98	10.7
LB-3	2/12/1997	0:00	11:00	17.30	8.07	44,625	28.9	86.2	6.92	10.7
LB-3	2/12/1997	0:00	11:15	17.13	8.08	44,804	29.0	87.8	7.07	10.7
LB-3	2/12/1997	0:00	11:30	17.10	8.09	44,920	29.1	87.9	7.08	10.7
LB-3	2/12/1997	0:00	11:45	17.39	8.08	44,737	29.0	88.3	7.08	10.7
LB-3	2/12/1997	0:00	12:00	17.34	8.10	44,854	29.1	91.1	7.31	10.7
LB-3	2/12/1997	0:00	12:15	17.29	8.09	44,798	29.0	92.1	7.40	10.7
LB-3	2/12/1997	0:00	12:30	17.25	8.08	44,857	29.1	92.1	7.40	10.8
LB-3	2/12/1997	0:00	12:45	17.59	8.08	44,732	29.0	93.7	7.48	10.7
LB-3	2/12/1997	0:00	13:00	17.66	8.08	44,787	29.0	95.3	7.59	10.7
LB-3	2/12/1997	0:00	13:15	17.74	8.08	44,728	29.0	95.6	7.61	10.7
LB-3	2/12/1997	0:00	13:30	18.36	8.10	44,777	29.0	96.7	7.60	10.7
13-4	3/11/1997	0:00	7:15	23.87	7.47	45,453	29.5	78.8	5.56	15.1
13-4	3/11/1997	0:00	7:30	23.89	7.48	45,456	29.5	77.0	5.43	15.1
13-4	3/11/1997	0:00	7:45	23.85	7.47	45,508	29.5	76.3	5.38	15.1
13-4	3/11/1997	0:00	8:00	23.89	7.49	45,456	29.5	76.2	5.38	15.0
13-4	3/11/1997	0:00	8:15	23.93	7.49	45,461	29.5	77.1	5.43	15.0
13-4	3/11/1997	0:00	8:30	23.95	7.50	45,419	29.5	78.8	5.55	15.0
13-4	3/11/1997	0:00	8:45	24.00	7.50	45,414	29.5	79.9	5.63	15.0
13-4	3/11/1997	0:00	9:00	24.07	7.50	45,426	29.5	81.9	5.76	14.9
13-4	3/11/1997	0:00	9:15	24.04	7.48	45,478	29.5	76.4	5.37	14.9
13-4	3/11/1997	0:00	9:30	24.27	7.54	45,342	29.4	89.8	6.29	14.9
13-4	3/11/1997	0:00	9:45	24.27	7.52	45,342	29.4	82.4	5.77	14.9
13-4	3/11/1997	0:00	10:00	24.44	7.56	45,310	29.4	94.1	6.57	14.9
13-4	3/11/1997	0:00	10:15	24.49	7.56	45,377	29.4	94.6	6.60	14.8
13-4	3/11/1997	0:00	10:30	24.62	7.58	45,341	29.4	99.0	6.89	14.8
13-4	3/11/1997	0:00	10:45	24.92	7.61	45,333	29.4	105.2	7.28	14.8
13-4	3/11/1997	0:00	11:00	25.05	7.62	45,183	29.3	109.9	7.60	14.8
13-4	3/11/1997	0:00	11:15	25.05	7.61	44,836	29.0	107.1	7.41	14.6
13-4	3/11/1997	0:00	11:30	25.17	7.60	44,802	29.0	108.3	7.48	14.8
13-4	3/11/1997	0:00	11:45	25.08	7.59	44,843	29.1	107.5	7.44	14.7
13-4	3/11/1997	0:00	12:00	25.30	7.60	44,709	29.0	108.0	7.44	14.8
13-4	3/11/1997	0:00	12:15	25.32	7.60	44,713	29.0	107.5	7.41	14.7
13-4	3/11/1997	0:00	12:30	25.29	7.61	44,822	29.0	109.4	7.54	14.7
13-4	3/11/1997	0:00	12:45	25.38	7.60	45,070	29.2	111.6	7.67	14.7
13-4	3/11/1997	0:00	13:00	25.46	7.60	45,214	29.3	112.3	7.70	14.7
13-4	3/11/1997	0:00	13:15	25.53	7.61	45,272	29.4	113.1	7.75	14.7
13-4	3/11/1997	0:00	13:30	25.58	7.63	45,283	29.4	115.1	7.87	14.6
13-4	3/11/1997	0:00	13:45	25.64	7.62	45,294	29.4	114.9	7.85	14.6
13-4	3/11/1997	0:00	14:00	25.70	7.62	45,247	29.3	115.3	7.88	14.6
13-4	3/11/1997	0:00	14:15	25.75	7.64	45,258	29.4	116.2	7.93	14.6
13-4	3/11/1997	0:00	14:30	25.79	7.64	45,266	29.4	117.5	8.01	14.6
13-4	3/11/1997	0:00	14:45	25.83	7.65	45,331	29.4	119.4	8.13	14.6
13-4	3/11/1997	0:00	15:00	25.86	7.65	45,396	29.5	120.5	8.20	14.5

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
13-4	3/11/1997	0:00	15:15	25.88	7.67	45,458	29.5	120.7	8.21	14.6
13-4	3/11/1997	0:00	15:30	25.85	7.68	45,567	29.6	121.4	8.26	14.6
13-4	3/11/1997	0:00	15:45	25.79	7.69	45,729	29.7	122.8	8.36	14.5
13-4	3/11/1997	0:00	16:00	25.75	7.68	45,838	29.8	121.8	8.29	14.5
13-4	3/11/1997	0:00	16:15	25.77	7.67	45,784	29.7	116.5	7.93	14.5
13-4	3/11/1997	0:00	16:30	25.90	7.67	45,694	29.7	119.0	8.09	14.5
13-4	3/11/1997	0:00	16:45	26.03	7.69	45,547	29.6	123.2	8.35	14.5
13-4	3/11/1997	0:00	17:00	26.20	7.69	45,524	29.5	125.1	8.46	14.5
13-4	3/11/1997	0:00	17:15	26.13	7.68	45,451	29.5	125.2	8.48	14.4
13-4	3/11/1997	0:00	17:30	26.33	7.71	45,320	29.4	133.1	8.98	14.5
13-4	3/11/1997	0:00	17:45	26.52	7.74	45,245	29.3	143.2	9.64	14.5
13-4	3/11/1997	0:00	18:00	26.66	7.76	45,158	29.3	149.4	10.03	14.4
13-4	3/11/1997	0:00	18:15	26.62	7.76	45,150	29.3	147.8	9.93	14.4
13-4	3/11/1997	0:00	18:30	26.56	7.75	45,137	29.3	146.0	9.82	14.4
13-4	3/11/1997	0:00	18:45	26.37	7.74	45,154	29.3	142.5	9.62	14.4
13-4	3/11/1997	0:00	19:00	26.35	7.73	45,208	29.3	137.6	9.29	14.4
13-4	3/11/1997	0:00	19:15	26.15	7.71	45,164	29.3	132.8	9.00	14.4
13-4	3/11/1997	0:00	19:30	26.07	7.71	45,149	29.3	129.3	8.77	14.4
13-4	3/11/1997	0:00	19:45	25.90	7.71	45,172	29.3	126.2	8.59	14.2
13-4	3/11/1997	0:00	20:00	25.71	7.63	45,135	29.3	123.4	8.43	14.4
13-4	3/11/1997	0:00	20:15	25.85	7.68	45,161	29.3	120.1	8.18	14.3
13-4	3/11/1997	0:00	20:30	25.62	7.66	45,117	29.3	117.4	8.03	14.4
13-4	3/11/1997	0:00	20:45	25.64	7.68	45,120	29.3	115.7	7.92	14.3
13-4	3/11/1997	0:00	21:00	25.58	7.67	45,052	29.2	113.6	7.78	14.3
13-4	3/11/1997	0:00	21:15	25.58	7.67	45,168	29.3	112.2	7.68	14.4
13-4	3/11/1997	0:00	21:30	25.42	7.66	45,135	29.3	110.2	7.57	14.4
13-4	3/11/1997	0:00	21:45	25.43	7.66	45,197	29.3	108.4	7.44	14.3
13-4	3/11/1997	0:00	22:00	25.34	7.66	45,122	29.3	107.2	7.37	14.3
13-4	3/11/1997	0:00	22:15	25.30	7.66	45,172	29.3	105.8	7.28	14.3
13-4	3/11/1997	0:00	22:30	25.25	7.64	45,278	29.4	95.6	6.58	14.3
13-4	3/11/1997	0:00	22:45	24.93	7.61	45,394	29.5	91.9	6.36	14.3
13-4	3/11/1997	0:00	23:00	25.23	7.67	45,159	29.3	103.1	7.11	14.3
13-4	3/11/1997	0:00	23:15	25.16	7.65	45,261	29.4	109.2	7.53	14.3
13-4	3/11/1997	0:00	23:30	25.29	7.64	45,285	29.4	97.9	6.73	14.3
13-4	3/11/1997	0:00	23:45	25.05	7.67	45,356	29.4	102.4	7.07	14.2
13-4	3/11/1997	0:00	0:00	25.05	7.66	45,183	29.3	102.6	7.09	14.2
13-4	3/12/1997	0:00	0:15	25.06	7.65	45,186	29.3	103.8	7.18	14.2
13-4	3/12/1997	0:00	0:30	24.90	7.63	41,750	26.8	100.1	7.04	14.2
13-4	3/12/1997	0:00	0:45	24.99	7.64	44,769	29.0	102.0	7.07	14.2
13-4	3/12/1997	0:00	1:00	25.05	7.63	44,721	29.0	99.3	6.88	14.2
13-4	3/12/1997	0:00	1:15	25.05	7.62	44,605	28.9	97.9	6.78	14.2
13-4	3/12/1997	0:00	1:30	25.05	7.62	44,663	28.9	98.0	6.79	14.2
13-4	3/12/1997	0:00	1:45	25.08	7.62	44,727	29.0	96.7	6.69	14.2
13-4	3/12/1997	0:00	2:00	25.06	7.61	44,840	29.1	94.4	6.53	14.1
13-4	3/12/1997	0:00	2:15	24.92	7.61	44,987	29.2	92.0	6.38	14.2
13-4	3/12/1997	0:00	2:30	24.82	7.62	45,260	29.4	95.0	6.59	14.1
13-4	3/12/1997	0:00	2:45	24.77	7.63	45,365	29.4	97.8	6.79	14.1
13-4	3/12/1997	0:00	3:00	24.80	7.63	45,257	29.4	95.7	6.64	14.1
13-4	3/12/1997	0:00	3:15	24.84	7.63	45,378	29.4	94.6	6.56	14.1

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
13-4	3/12/1997	0:00	3:30	24.86	7.63	45,381	29.4	94.4	6.54	14.1
13-4	3/12/1997	0:00	3:45	24.86	7.62	45,323	29.4	93.7	6.50	14.1
13-4	3/12/1997	0:00	4:00	24.82	7.62	45,317	29.4	90.8	6.30	14.1
13-4	3/12/1997	0:00	4:15	24.82	7.62	45,260	29.4	91.8	6.37	14.1
13-4	3/12/1997	0:00	4:30	24.82	7.61	45,317	29.4	90.1	6.25	14.1
13-4	3/12/1997	0:00	4:45	24.80	7.59	45,430	29.5	90.0	6.24	14.1
13-4	3/12/1997	0:00	5:00	24.80	7.60	45,372	29.4	87.3	6.05	14.1
13-4	3/12/1997	0:00	5:15	24.88	7.61	45,327	29.4	90.2	6.25	14.2
13-4	3/12/1997	0:00	5:30	24.62	7.57	45,283	29.4	83.4	5.81	14.1
13-4	3/12/1997	0:00	5:45	24.31	7.56	45,117	29.3	76.3	5.35	14.0
13-4	3/12/1997	0:00	6:00	24.27	7.55	45,226	29.3	71.5	5.01	14.0
13-4	3/12/1997	0:00	6:15	24.16	7.53	45,267	29.4	69.0	4.85	14.0
13-4	3/12/1997	0:00	6:30	24.04	7.52	45,305	29.4	67.3	4.73	14.0
13-4	3/12/1997	0:00	6:45	24.04	7.52	45,362	29.4	65.5	4.61	14.0
13-4	3/12/1997	0:00	7:00	23.94	7.51	45,349	29.4	63.4	4.47	14.0
13-4	3/12/1997	0:00	7:15	24.02	7.51	45,302	29.4	65.2	4.59	14.0
13-4	3/12/1997	0:00	7:30	24.07	7.52	45,310	29.4	65.0	4.57	14.0
13-4	3/12/1997	0:00	7:45	23.90	7.51	45,354	29.4	65.8	4.64	14.0
13-4	3/12/1997	0:00	8:00	24.18	7.56	45,327	29.4	70.3	4.94	14.0
13-4	3/12/1997	0:00	8:15	24.11	7.55	45,316	29.4	71.2	5.00	14.0
13-4	3/12/1997	0:00	8:30	24.06	7.55	45,378	29.4	73.6	5.18	14.0
13-4	3/12/1997	0:00	8:45	24.16	7.56	45,382	29.4	76.3	5.35	13.9
13-4	3/12/1997	0:00	9:00	24.24	7.56	45,335	29.4	76.9	5.39	14.0
13-4	3/12/1997	0:00	9:15	24.24	7.58	45,335	29.4	78.8	5.52	14.0
13-4	3/12/1997	0:00	9:30	24.36	7.59	45,298	29.4	84.1	5.88	13.9
13-4	3/12/1997	0:00	9:45	24.51	7.62	45,264	29.4	84.8	5.92	13.9
13-4	3/12/1997	0:00	10:00	24.49	7.64	45,261	29.4	86.3	6.02	13.9
13-4	3/12/1997	0:00	10:15	24.93	7.64	45,163	29.3	108.2	7.49	13.9
13-4	3/12/1997	0:00	10:30	24.66	7.63	45,231	29.3	93.3	6.49	13.9
13-4	3/12/1997	0:00	10:45	24.75	7.66	45,189	29.3	103.6	7.20	13.9
13-4	3/12/1997	0:00	11:00	24.90	7.71	45,157	29.3	110.9	7.69	13.9
13-4	3/12/1997	0:00	11:15	25.29	7.73	45,227	29.3	116.8	8.04	13.9
13-4	3/12/1997	0:00	11:30	25.36	7.72	44,951	29.1	109.8	7.55	13.9
13-4	3/12/1997	0:00	11:45	25.16	7.68	45,261	29.4	116.5	8.03	13.9
13-4	3/12/1997	0:00	12:00	25.27	7.68	45,165	29.3	117.1	8.06	13.9
13-4	3/12/1997	0:00	12:15	25.56	7.71	44,990	29.2	117.1	8.02	13.9
13-4	3/12/1997	0:00	12:30	25.62	7.67	44,769	29.0	113.2	7.76	13.9
13-4	3/12/1997	0:00	12:45	25.56	7.68	44,585	28.9	114.1	7.83	13.9
13-4	3/12/1997	0:00	13:00	25.51	7.69	44,806	29.0	112.4	7.72	13.9
16-4	4/22/1997	0:00	6:45	22.38	8.36	47,387	30.90	105.9	7.61	14.1
16-4	4/22/1997	0:00	7:00	22.37	8.39	47,385	30.90	104.8	7.53	14.0
16-4	4/22/1997	0:00	7:15	22.29	8.38	47,435	30.90	105.9	7.63	14.0
16-4	4/22/1997	0:00	7:30	22.28	8.36	47,433	30.90	94.6	6.81	14.0
16-4	4/22/1997	0:00	7:45	22.31	8.38	47,437	30.90	97.1	6.99	14.0
16-4	4/22/1997	0:00	8:00	22.31	8.37	47,481	31.00	98.4	7.08	13.9
16-4	4/22/1997	0:00	8:15	22.33	8.38	47,439	30.90	95.6	6.88	13.9
16-4	4/22/1997	0:00	8:30	22.35	8.38	47,441	30.90	94.8	6.82	13.9
16-4	4/22/1997	0:00	8:45	22.37	8.39	47,500	31.00	96.0	6.90	13.9

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
16-4	4/22/1997	0:00	9:00	22.35	8.39	47,498	31.00	96.4	6.93	13.9
16-4	4/22/1997	0:00	9:15	22.40	8.40	47,504	31.00	95.8	6.88	13.9
16-4	4/22/1997	0:00	9:30	22.44	8.39	47,508	31.00	96.8	6.95	13.8
16-4	4/22/1997	0:00	9:45	22.43	8.39	47,495	31.00	95.0	6.82	13.8
16-4	4/22/1997	0:00	10:00	22.51	8.40	47,574	31.00	98.3	7.04	13.8
16-4	4/22/1997	0:00	10:15	22.56	8.40	47,580	31.00	97.6	6.99	13.8
16-4	4/22/1997	0:00	10:30	22.56	8.40	47,580	31.00	100.2	7.18	13.8
16-4	4/22/1997	0:00	10:45	22.56	8.40	47,580	31.00	96.4	6.90	13.8
16-4	4/22/1997	0:00	11:00	22.60	8.40	47,641	31.10	98.9	7.08	13.8
16-4	4/22/1997	0:00	11:15	22.78	8.42	47,663	31.10	99.2	7.07	13.8
16-4	4/22/1997	0:00	11:30	22.91	8.43	47,725	31.20	103.1	7.33	13.8
16-4	4/22/1997	0:00	11:45	22.72	8.40	47,656	31.10	103.6	7.39	13.8
16-4	4/22/1997	0:00	12:00	22.96	8.43	47,686	31.10	105.0	7.46	13.7
16-4	4/22/1997	0:00	12:15	22.83	8.43	47,670	31.10	102.9	7.33	13.7
16-4	4/22/1997	0:00	12:30	22.87	8.43	47,675	31.10	103.6	7.37	13.7
16-4	4/22/1997	0:00	12:45	23.08	8.44	47,804	31.20	109.7	7.77	13.7
16-4	4/22/1997	0:00	13:00	23.73	8.48	47,679	31.10	117.8	8.25	13.7
16-4	4/22/1997	0:00	13:15	23.92	8.50	47,649	31.10	122.9	8.58	13.6
16-4	4/22/1997	0:00	13:30	24.26	8.51	47,532	31.00	128.1	8.89	13.7
16-4	4/22/1997	0:00	13:45	24.62	8.53	47,465	31.00	133.1	9.18	13.6
16-4	4/22/1997	0:00	14:00	24.30	8.53	47,480	31.00	137.8	9.56	13.7
16-4	4/22/1997	0:00	14:15	24.25	8.53	47,461	31.00	140.6	9.76	13.7
16-4	4/22/1997	0:00	14:30	24.36	8.54	47,421	30.90	138.8	9.62	13.7
16-4	4/22/1997	0:00	14:45	24.51	8.53	47,388	30.90	141.0	9.75	13.7
16-4	4/22/1997	0:00	15:00	24.68	8.55	47,417	30.90	144.0	9.93	13.7
16-4	4/22/1997	0:00	15:15	24.57	8.52	47,456	31.00	146.1	10.09	13.6
16-4	4/22/1997	0:00	15:30	24.88	8.57	47,396	30.90	147.1	10.10	13.6
16-4	4/22/1997	0:00	15:45	24.90	8.54	47,283	30.80	146.7	10.08	13.6
16-4	4/22/1997	0:00	16:00	25.03	8.56	47,365	30.90	150.1	10.28	13.6
16-4	4/22/1997	0:00	16:15	24.95	8.55	47,351	30.90	144.7	9.93	13.6
16-4	4/22/1997	0:00	16:30	25.05	8.57	47,324	30.90	147.6	10.11	13.6
16-4	4/22/1997	0:00	16:45	25.14	8.59	47,328	30.90	149.2	10.20	13.6
16-4	4/22/1997	0:00	17:00	25.16	8.60	47,331	30.90	150.6	10.29	13.6
16-4	4/22/1997	0:00	17:15	25.16	8.60	47,331	30.90	152.7	10.44	13.6
16-4	4/22/1997	0:00	17:30	25.06	8.58	47,314	30.90	148.3	10.15	13.6
16-4	4/22/1997	0:00	17:45	25.16	8.62	47,331	30.90	155.9	10.66	13.6
16-4	4/22/1997	0:00	18:00	25.14	8.62	47,328	30.90	157.9	10.79	13.6
16-4	4/22/1997	0:00	18:15	24.99	8.59	47,185	30.80	140.7	9.65	13.6
16-4	4/22/1997	0:00	18:30	24.99	8.60	47,358	30.90	146.2	10.02	13.6
16-4	4/22/1997	0:00	18:45	24.90	8.60	47,283	30.80	145.1	9.96	13.6
16-4	4/22/1997	0:00	19:00	24.84	8.58	47,273	30.80	143.1	9.84	13.6
16-4	4/22/1997	0:00	19:15	24.80	8.58	47,277	30.80	143.8	9.89	13.6
16-4	4/22/1997	0:00	19:30	24.82	8.57	47,097	30.70	138.8	9.55	13.7
16-4	4/22/1997	0:00	19:45	24.84	8.57	46,926	30.60	137.5	9.47	13.6
16-4	4/22/1997	0:00	20:00	24.75	8.56	47,083	30.70	134.9	9.30	13.6
16-4	4/22/1997	0:00	20:15	24.80	8.56	46,978	30.60	133.6	9.20	13.6
16-4	4/22/1997	0:00	20:30	24.86	8.57	46,814	30.50	131.4	9.05	13.6
16-4	4/22/1997	0:00	20:45	25.01	8.56	46,436	30.20	128.7	8.85	13.5
16-4	4/22/1997	0:00	21:00	24.92	8.56	46,477	30.20	125.9	8.68	13.5

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
16-4	4/22/1997	0:00	21:15	24.88	8.56	46,528	30.30	125.1	8.62	13.5
16-4	4/22/1997	0:00	21:30	24.84	8.56	46,638	30.40	124.1	8.56	13.5
16-4	4/22/1997	0:00	21:45	24.84	8.55	46,580	30.30	122.5	8.45	13.5
16-4	4/22/1997	0:00	22:00	24.79	8.55	46,628	30.40	120.8	8.34	13.5
16-4	4/22/1997	0:00	22:15	24.75	8.53	46,737	30.40	118.9	8.21	13.5
16-4	4/22/1997	0:00	22:30	24.71	8.53	46,788	30.50	116.5	8.04	13.5
16-4	4/22/1997	0:00	22:45	24.69	8.53	46,785	30.50	115.7	8.00	13.3
16-4	4/22/1997	0:00	23:00	24.64	8.52	46,891	30.50	113.7	7.86	13.5
16-4	4/22/1997	0:00	23:15	24.53	8.51	46,987	30.60	111.9	7.75	13.5
16-4	4/22/1997	0:00	23:30	24.46	8.50	47,090	30.70	110.1	7.63	13.6
16-4	4/22/1997	0:00	23:45	24.36	8.48	47,190	30.80	108.1	7.50	13.5
16-4	4/23/1997	0:00	0:00	24.29	8.47	47,293	30.80	105.7	7.34	13.5
16-4	4/23/1997	0:00	0:15	24.24	8.47	47,342	30.90	105.6	7.34	13.5
16-4	4/23/1997	0:00	0:30	24.07	8.47	47,489	31.00	105.3	7.34	13.5
16-4	4/23/1997	0:00	0:45	24.10	8.47	47,448	31.00	104.5	7.28	13.5
16-4	4/23/1997	0:00	1:00	24.11	8.46	47,437	30.90	103.3	7.19	13.4
16-4	4/23/1997	0:00	1:15	24.05	8.46	47,486	31.00	103.1	7.19	13.4
16-4	4/23/1997	0:00	1:30	24.03	8.45	47,493	31.00	101.0	7.04	13.4
16-4	4/23/1997	0:00	1:45	23.97	8.46	47,543	31.00	102.1	7.12	13.4
16-4	4/23/1997	0:00	2:00	23.98	8.45	47,532	31.00	100.6	7.02	13.4
16-4	4/23/1997	0:00	2:15	23.90	8.46	47,589	31.10	102.3	7.15	13.4
16-4	4/23/1997	0:00	2:30	23.89	8.46	47,575	31.00	102.8	7.18	13.4
16-4	4/23/1997	0:00	2:45	23.89	8.46	47,633	31.10	102.8	7.18	13.4
16-4	4/23/1997	0:00	3:00	23.83	8.46	47,624	31.10	102.4	7.16	13.4
16-4	4/23/1997	0:00	3:15	23.72	8.47	47,734	31.20	106.2	7.44	13.4
16-4	4/23/1997	0:00	3:30	23.82	8.46	47,621	31.10	103.1	7.21	13.4
16-4	4/23/1997	0:00	3:45	23.83	8.45	47,567	31.00	99.5	6.96	13.4
16-4	4/23/1997	0:00	4:00	23.79	8.44	47,572	31.00	97.1	6.80	13.4
16-4	4/23/1997	0:00	4:15	23.78	8.44	47,558	31.00	95.8	6.71	13.4
16-4	4/23/1997	0:00	4:30	23.80	8.43	47,504	31.00	93.8	6.56	13.4
16-4	4/23/1997	0:00	4:45	23.77	8.42	47,512	31.00	90.8	6.36	13.4
16-4	4/23/1997	0:00	5:00	23.76	8.41	47,498	31.00	89.9	6.30	13.4
16-4	4/23/1997	0:00	5:15	23.71	8.40	47,433	30.90	86.2	6.05	13.4
16-4	4/23/1997	0:00	5:30	23.77	8.41	47,396	30.90	86.6	6.07	13.4
16-4	4/23/1997	0:00	5:45	23.78	8.42	47,444	30.90	89.4	6.26	13.4
16-4	4/23/1997	0:00	6:00	23.76	8.43	47,498	31.00	91.3	6.39	13.4
16-4	4/23/1997	0:00	6:15	23.74	8.44	47,553	31.00	95.4	6.68	13.4
16-4	4/23/1997	0:00	6:30	23.76	8.45	47,498	31.00	97.3	6.81	13.4
16-4	4/23/1997	0:00	6:45	23.71	8.44	47,490	31.00	96.5	6.77	13.4
16-4	4/23/1997	0:00	7:00	23.68	8.41	47,556	31.00	92.0	6.45	13.3
16-4	4/23/1997	0:00	7:15	23.66	8.41	47,553	31.00	92.5	6.49	13.3
16-4	4/23/1997	0:00	7:30	23.73	8.42	47,493	31.00	92.3	6.47	13.3
16-4	4/23/1997	0:00	7:45	23.73	8.41	47,493	31.00	92.5	6.48	13.3
16-4	4/23/1997	0:00	8:00	23.78	8.41	47,444	30.90	92.1	6.45	13.3
16-4	4/23/1997	0:00	8:15	23.79	8.41	47,457	31.00	92.1	6.45	13.3
16-4	4/23/1997	0:00	8:30	23.82	8.41	47,463	31.00	92.1	6.45	13.3
16-4	4/23/1997	0:00	8:45	23.85	8.41	47,455	31.00	93.4	6.53	13.3
16-4	4/23/1997	0:00	9:00	23.99	8.43	47,488	31.00	95.4	6.66	13.3
16-4	4/23/1997	0:00	9:15	23.96	8.41	47,414	30.90	95.9	6.70	13.3

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
16-4	4/23/1997	0:00	9:30	24.03	8.42	47,493	31.00	94.7	6.60	13.3
16-4	4/23/1997	0:00	9:45	24.00	8.41	47,362	30.90	96.0	6.70	13.3
16-4	4/23/1997	0:00	10:00	24.16	8.45	47,561	31.00	95.3	6.63	13.3
16-4	4/23/1997	0:00	10:15	24.26	8.45	47,590	31.10	101.5	7.05	13.3
16-4	4/23/1997	0:00	10:30	24.05	8.42	47,543	31.00	98.7	6.87	13.3
16-4	4/23/1997	0:00	10:45	24.00	8.42	47,650	31.10	98.9	6.90	13.3
16-4	4/23/1997	0:00	11:00	24.42	8.45	47,546	31.00	105.3	7.28	13.3
16-4	4/23/1997	0:00	11:15	24.42	8.46	47,604	31.10	106.1	7.34	13.3
16-4	4/23/1997	0:00	11:30	24.35	8.47	47,649	31.10	105.4	7.30	13.3
16-4	4/23/1997	0:00	11:45	24.30	8.46	47,596	31.10	105.4	7.31	13.3
16-4	4/23/1997	0:00	12:00	24.18	8.43	47,564	31.00	103.4	7.19	13.3
16-4	4/23/1997	0:00	12:15	24.27	8.45	47,637	31.10	106.0	7.36	13.3
MU-1	5/20/1997	0:00	6:00	26.85	6.20	380	0.20	61.6	4.92	13.6
MU-1	5/20/1997	0:00	6:15	26.88	6.19	380	0.20	55.1	4.40	13.6
MU-1	5/20/1997	0:00	6:30	26.85	6.20	380	0.20	53.6	4.28	13.6
MU-1	5/20/1997	0:00	6:45	26.98	6.20	379	0.20	52.4	4.17	13.5
MU-1	5/20/1997	0:00	7:00	27.05	6.20	379	0.20	51.7	4.11	13.5
MU-1	5/20/1997	0:00	7:15	27.13	6.20	378	0.20	50.8	4.04	13.5
MU-1	5/20/1997	0:00	7:30	27.17	6.16	379	0.20	50.3	3.99	13.5
MU-1	5/20/1997	0:00	7:45	27.23	6.20	379	0.20	49.8	3.94	13.5
MU-1	5/20/1997	0:00	8:00	27.28	6.20	379	0.20	49.4	3.91	13.5
MU-1	5/20/1997	0:00	8:15	27.34	6.21	379	0.20	49.5	3.91	13.4
MU-1	5/20/1997	0:00	8:30	27.42	6.21	379	0.20	49.9	3.94	13.4
MU-1	5/20/1997	0:00	8:45	27.44	6.20	379	0.20	49.9	3.94	13.4
MU-1	5/20/1997	0:00	9:00	27.50	6.20	379	0.20	49.6	3.91	13.4
MU-1	5/20/1997	0:00	9:15	27.59	6.20	379	0.20	49.7	3.92	13.4
MU-1	5/20/1997	0:00	9:30	27.63	6.20	379	0.20	49.8	3.92	13.3
MU-1	5/20/1997	0:00	9:45	27.67	6.20	379	0.20	49.8	3.91	13.4
MU-1	5/20/1997	0:00	10:00	27.67	6.20	380	0.20	49.4	3.88	13.3
MU-1	5/20/1997	0:00	10:15	27.75	6.21	379	0.20	49.8	3.91	13.3
MU-1	5/20/1997	0:00	10:30	27.78	6.21	379	0.20	49.6	3.89	13.3
MU-1	5/20/1997	0:00	10:45	27.80	6.21	379	0.20	49.3	3.87	13.3
MU-1	5/20/1997	0:00	11:00	27.90	6.21	379	0.20	49.6	3.88	13.3
MU-1	5/20/1997	0:00	11:15	27.90	6.20	379	0.20	49.7	3.89	13.3
MU-1	5/20/1997	0:00	11:30	27.80	6.19	379	0.20	47.8	3.75	13.3
MU-1	5/20/1997	0:00	11:45	27.84	6.18	379	0.20	47.8	3.74	13.3
MU-1	5/20/1997	0:00	12:00	27.90	6.20	380	0.20	48.2	3.77	13.3
MU-1	5/20/1997	0:00	12:15	28.29	6.20	378	0.20	47.9	3.73	13.2
MU-1	5/20/1997	0:00	12:30	27.92	6.19	379	0.20	46.2	3.61	13.3
MU-1	5/20/1997	0:00	12:45	27.86	6.18	379	0.20	44.7	3.50	13.3
MU-1	5/20/1997	0:00	13:00	27.84	6.19	379	0.20	44.5	3.49	13.2
MU-1	5/20/1997	0:00	13:15	27.88	6.19	379	0.20	44.0	3.45	13.2
MU-1	5/20/1997	0:00	13:30	27.94	6.19	379	0.20	43.8	3.43	13.2
MU-1	5/20/1997	0:00	13:45	27.98	6.19	379	0.20	43.5	3.40	13.2
MU-1	5/20/1997	0:00	14:00	28.06	6.19	380	0.20	43.7	3.41	13.2
MU-1	5/20/1997	0:00	14:15	28.07	6.19	380	0.20	43.0	3.35	13.2
MU-1	5/20/1997	0:00	14:30	28.19	6.20	380	0.20	43.2	3.36	13.2
MU-1	5/20/1997	0:00	14:45	28.19	6.19	383	0.20	43.0	3.35	13.2

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
MU-1	5/20/1997	0:00	15:00	28.21	6.21	385	0.20	42.6	3.32	13.2
MU-1	5/20/1997	0:00	15:15	28.25	6.21	384	0.20	42.8	3.33	13.2
MU-1	5/20/1997	0:00	15:30	28.46	6.22	384	0.20	44.0	3.41	13.2
MU-1	5/20/1997	0:00	15:45	28.62	6.22	384	0.20	44.8	3.46	13.2
MU-1	5/20/1997	0:00	16:00	28.64	6.22	384	0.20	44.4	3.43	13.2
MU-1	5/20/1997	0:00	16:15	28.52	6.19	383	0.20	46.4	3.59	13.1
MU-1	5/20/1997	0:00	16:30	28.68	6.21	383	0.20	43.0	3.32	13.2
MU-1	5/20/1997	0:00	16:45	28.46	6.21	384	0.20	42.4	3.29	13.2
MU-1	5/20/1997	0:00	17:00	28.68	6.21	381	0.20	43.5	3.36	13.2
MU-1	5/20/1997	0:00	17:15	29.55	6.25	380	0.20	51.4	3.91	13.2
MU-1	5/20/1997	0:00	17:30	29.73	6.25	379	0.20	53.5	4.06	13.2
MU-1	5/20/1997	0:00	17:45	29.65	6.24	380	0.20	52.7	4.00	13.3
MU-1	5/20/1997	0:00	18:00	29.23	6.23	380	0.20	50.0	3.83	13.2
MU-1	5/20/1997	0:00	18:15	29.13	6.23	380	0.20	48.7	3.73	13.2
MU-1	5/20/1997	0:00	18:30	28.92	6.22	381	0.20	47.5	3.65	13.2
MU-1	5/20/1997	0:00	18:45	28.82	6.22	380	0.20	47.1	3.63	13.2
MU-1	5/20/1997	0:00	19:00	28.92	6.23	380	0.20	48.0	3.70	13.2
MU-1	5/20/1997	0:00	19:15	28.82	6.18	382	0.20	49.0	3.77	13.2
MU-1	5/20/1997	0:00	19:30	28.74	6.18	381	0.20	48.4	3.72	13.2
MU-1	5/20/1997	0:00	19:45	28.66	6.17	381	0.20	47.4	3.64	13.1
MU-1	5/20/1997	0:00	20:00	28.60	6.17	381	0.20	44.6	3.41	13.1
MU-1	5/20/1997	0:00	20:15	28.66	6.17	380	0.20	44.9	3.43	13.3
MU-1	5/20/1997	0:00	20:30	28.72	6.18	380	0.20	45.4	3.47	13.1
MU-1	5/20/1997	0:00	20:45	28.66	6.17	380	0.20	43.7	3.33	13.1
MU-1	5/20/1997	0:00	21:00	28.58	6.16	380	0.20	40.8	3.09	13.1
MU-1	5/20/1997	0:00	21:15	28.54	6.16	380	0.20	39.4	2.97	13.1
MU-1	5/20/1997	0:00	21:30	28.52	6.16	380	0.20	39.5	2.98	13.3
MU-1	5/20/1997	0:00	21:45	28.44	6.15	380	0.20	40.1	3.03	13.2
MU-1	5/20/1997	0:00	22:00	28.37	6.15	380	0.20	34.9	2.60	13.1
MU-1	5/20/1997	0:00	22:15	28.29	6.15	380	0.20	35.2	2.62	13.1
MU-1	5/20/1997	0:00	22:30	28.17	6.16	381	0.20	38.4	2.89	13.0
MU-1	5/20/1997	0:00	22:45	28.09	6.16	380	0.20	32.4	2.39	13.1
MU-1	5/20/1997	0:00	23:00	28.02	6.16	379	0.20	35.4	2.64	13.1
MU-1	5/20/1997	0:00	23:15	27.94	6.15	379	0.20	38.4	2.89	13.1
MU-1	5/20/1997	0:00	23:30	27.88	6.15	379	0.20	34.9	2.60	13.1
MU-1	5/20/1997	0:00	23:45	27.82	6.16	379	0.20	33.7	2.50	13.1
MU-1	5/21/1997	0:00	0:00	27.86	6.16	379	0.20	36.1	2.70	13.1
MU-1	5/21/1997	0:00	0:15	27.92	6.16	378	0.20	35.3	2.63	13.1
MU-1	5/21/1997	0:00	0:30	27.98	6.16	378	0.20	35.9	2.68	13.1
MU-1	5/21/1997	0:00	0:45	28.06	6.16	378	0.20	36.5	2.73	13.1
MU-1	5/21/1997	0:00	1:00	28.09	6.17	378	0.20	38.4	2.89	13.1
MU-1	5/21/1997	0:00	1:15	28.09	6.17	378	0.20	37.9	2.85	13.1
MU-1	5/21/1997	0:00	1:30	28.13	6.15	378	0.20	35.4	2.64	13.1
MU-1	5/21/1997	0:00	1:45	28.11	6.15	379	0.20	36.7	2.75	13.1
MU-1	5/21/1997	0:00	2:00	28.13	6.15	378	0.20	37.8	2.84	13.1
MU-1	5/21/1997	0:00	2:15	28.13	6.14	378	0.20	37.4	2.81	13.1
MU-1	5/21/1997	0:00	2:30	28.11	6.14	378	0.20	36.8	2.76	13.1
MU-1	5/21/1997	0:00	2:45	28.09	6.14	378	0.20	36.8	2.76	13.0
MU-1	5/21/1997	0:00	3:00	28.04	6.14	378	0.20	36.4	2.72	13.0

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
MU-1	5/21/1997	0:00	3:15	27.96	6.14	378	0.20	36.2	2.71	13.0
MU-1	5/21/1997	0:00	3:30	27.92	6.14	378	0.20	37.2	2.79	13.0
MU-1	5/21/1997	0:00	3:45	27.88	6.14	378	0.20	37.8	2.84	13.0
MU-1	5/21/1997	0:00	4:00	27.86	6.14	378	0.20	34.1	2.53	13.0
MU-1	5/21/1997	0:00	4:15	27.84	6.14	379	0.20	31.2	2.29	13.0
MU-1	5/21/1997	0:00	4:30	27.80	6.14	379	0.20	29.3	2.13	13.0
MU-1	5/21/1997	0:00	4:45	27.75	6.14	379	0.20	30.1	2.20	13.0
MU-1	5/21/1997	0:00	5:00	27.69	6.13	380	0.20	36.0	2.69	12.9
MU-1	5/21/1997	0:00	5:15	27.63	6.14	379	0.20	40.8	3.09	13.0
MU-1	5/21/1997	0:00	5:30	27.57	6.13	379	0.20	40.9	3.10	12.8
MU-1	5/21/1997	0:00	5:45	27.53	6.14	380	0.20	40.7	3.08	13.0
MU-1	5/21/1997	0:00	6:00	27.50	6.14	380	0.20	38.5	2.90	13.0
MU-1	5/21/1997	0:00	6:15	27.48	6.13	380	0.20	38.8	2.92	13.0
MU-1	5/21/1997	0:00	6:30	27.48	6.13	380	0.20	37.8	2.84	13.0
MU-1	5/21/1997	0:00	6:45	27.46	6.14	380	0.20	41.4	3.14	13.0
MU-1	5/21/1997	0:00	7:00	27.51	6.14	380	0.20	41.5	3.15	13.0
MU-1	5/21/1997	0:00	7:15	27.57	6.14	379	0.20	41.4	3.14	13.0
MU-1	5/21/1997	0:00	7:30	27.65	6.14	380	0.20	41.0	3.11	13.0
MU-1	5/21/1997	0:00	7:45	27.73	6.14	379	0.20	40.7	3.08	13.0
MU-1	5/21/1997	0:00	8:00	27.82	6.14	379	0.20	41.0	3.11	13.0
MU-1	5/21/1997	0:00	8:15	27.88	6.14	379	0.20	40.7	3.08	13.0
MU-1	5/21/1997	0:00	8:30	28.00	6.15	379	0.20	40.8	3.09	13.0
MU-1	5/21/1997	0:00	8:45	28.07	6.14	379	0.20	38.8	2.92	13.0
MU-1	5/21/1997	0:00	9:00	28.15	6.14	379	0.20	38.4	2.89	13.0
MU-1	5/21/1997	0:00	9:15	28.27	6.15	378	0.20	36.0	2.69	13.0
MU-1	5/21/1997	0:00	9:30	28.37	6.15	378	0.20	34.9	2.60	13.0
MU-1	5/21/1997	0:00	9:45	28.43	6.15	379	0.20	38.0	2.86	13.0
MU-1	5/21/1997	0:00	10:00	28.46	6.15	379	0.20	37.3	2.80	13.0
MU-1	5/21/1997	0:00	10:15	28.62	6.15	378	0.20	40.0	3.02	13.0
MU-1	5/21/1997	0:00	10:30	28.60	6.15	378	0.20	38.6	2.91	13.0
MU-1	5/21/1997	0:00	10:45	28.76	6.15	378	0.20	38.6	2.91	12.9
MU-1	5/21/1997	0:00	11:00	28.80	6.15	379	0.20	44.4	3.39	13.0
MU-1	5/21/1997	0:00	11:15	28.88	6.15	378	0.20	45.1	3.45	13.0
MU-1	5/21/1997	0:00	11:30	28.97	6.15	378	0.20	45.7	3.50	12.9
MU-1	5/21/1997	0:00	11:45	29.19	6.15	379	0.20	45.6	3.49	13.0
MU-1	5/21/1997	0:00	12:00	29.19	6.15	380	0.20	45.6	3.49	13.0
MU-1	5/21/1997	0:00	12:15	29.17	6.14	380	0.20	45.5	3.48	13.0
10-3	6/17/1997	0:00	6:00	29.13	8.12	50751	33.4	107.5	6.80	13.0
10-3	6/17/1997	0:00	6:15	29.11	8.13	49965	32.8	102.8	6.53	13.0
10-3	6/17/1997	0:00	6:30	29.11	8.14	49317	32.3	101.0	6.43	12.9
10-3	6/17/1997	0:00	6:45	29.09	8.14	48986	32.1	99.8	6.37	12.9
10-3	6/17/1997	0:00	7:00	29.09	8.14	48856	32.0	99.0	6.32	12.9
10-3	6/17/1997	0:00	7:15	29.09	8.15	48791	31.9	98.5	6.29	12.9
10-3	6/17/1997	0:00	7:30	29.09	8.15	48791	31.9	97.5	6.23	13.0
10-3	6/17/1997	0:00	7:45	29.09	8.14	48726	31.9	96.6	6.17	12.8
10-3	6/17/1997	0:00	8:00	29.11	8.15	48862	32.0	96.3	6.15	12.8
10-3	6/17/1997	0:00	8:15	29.13	8.16	48868	32.0	96.0	6.13	12.8
10-3	6/17/1997	0:00	8:30	29.17	8.16	48881	32.0	95.7	6.10	12.8

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
10-3	6/17/1997	0:00	8:45	29.21	8.16	49284	32.3	94.9	6.04	12.8
10-3	6/17/1997	0:00	9:00	29.25	8.17	50531	33.2	95.5	6.04	12.8
10-3	6/17/1997	0:00	9:15	29.27	8.17	51642	34.0	93.6	5.89	12.8
10-3	6/17/1997	0:00	9:30	29.27	8.16	51836	34.2	93.7	5.89	12.8
10-3	6/17/1997	0:00	9:45	29.35	8.15	51864	34.2	92.1	5.78	12.8
10-3	6/17/1997	0:00	10:00	29.37	8.17	51871	34.2	94.1	5.90	12.8
10-3	6/17/1997	0:00	10:15	29.41	8.17	51884	34.2	95.8	6.01	12.8
10-3	6/17/1997	0:00	10:30	29.41	8.17	51819	34.2	97.3	6.10	12.7
10-3	6/17/1997	0:00	10:45	29.49	8.17	51652	34.0	95.4	5.98	12.7
10-3	6/17/1997	0:00	11:00	29.67	8.17	51390	33.8	93.6	5.86	12.7
10-3	6/17/1997	0:00	11:15	29.81	8.17	51048	33.6	91.9	5.74	12.7
10-3	6/17/1997	0:00	11:30	29.87	8.17	50744	33.4	92.3	5.77	12.7
10-3	6/17/1997	0:00	11:45	29.89	8.18	50555	33.2	93.9	5.87	12.7
10-3	6/17/1997	0:00	12:00	29.91	8.18	50432	33.1	95.3	5.96	12.7
10-3	6/17/1997	0:00	12:15	29.93	8.19	50244	33.0	95.9	6.00	12.7
10-3	6/17/1997	0:00	12:30	30.03	8.19	50083	32.9	95.5	5.97	12.7
10-3	6/17/1997	0:00	12:45	30.13	8.19	49727	32.6	95.2	5.95	12.7
10-3	6/17/1997	0:00	13:00	30.31	8.19	49008	32.1	95.8	5.99	12.7
10-3	6/17/1997	0:00	13:15	30.41	8.19	48455	31.7	96.0	6.01	12.7
10-3	6/17/1997	0:00	13:30	30.47	8.19	48083	31.4	95.5	5.97	12.7
10-3	6/17/1997	0:00	13:45	30.58	8.19	47727	31.2	94.2	5.90	12.7
10-3	6/17/1997	0:00	14:00	30.72	8.19	47318	30.9	95.1	5.94	12.7
10-3	6/17/1997	0:00	14:15	30.84	8.21	47100	30.7	97.5	6.09	12.7
10-3	6/17/1997	0:00	14:30	30.90	8.21	46990	30.6	100.0	6.24	12.7
10-3	6/17/1997	0:00	14:45	30.98	8.22	46823	30.5	101.2	6.31	12.7
10-3	6/17/1997	0:00	15:00	31.00	8.22	46764	30.5	102.2	6.37	12.7
10-3	6/17/1997	0:00	15:15	31.02	8.22	46640	30.4	103.1	6.43	12.7
10-3	6/17/1997	0:00	15:30	31.09	8.22	46531	30.3	103.8	6.48	12.7
10-3	6/17/1997	0:00	15:45	31.11	8.22	46538	30.3	105.6	6.58	12.7
10-3	6/17/1997	0:00	16:00	31.13	8.23	46545	30.3	106.1	6.61	12.7
10-3	6/17/1997	0:00	16:15	31.17	8.23	46692	30.4	106.5	6.63	12.7
10-3	6/17/1997	0:00	16:30	31.19	8.23	46634	30.4	106.6	6.64	12.7
10-3	6/17/1997	0:00	16:45	31.21	8.23	47037	30.7	107.2	6.66	12.7
10-3	6/17/1997	0:00	17:00	31.23	8.23	50668	33.3	107.3	6.55	12.7
10-3	6/17/1997	0:00	17:15	31.23	8.23	51064	33.6	107.2	6.54	12.7
10-3	6/17/1997	0:00	17:30	31.21	8.23	51187	33.7	106.7	6.51	12.7
10-3	6/17/1997	0:00	17:45	31.21	8.24	51253	33.7	109.2	6.66	12.7
10-3	6/17/1997	0:00	18:00	31.11	8.23	51343	33.8	109.8	6.71	12.7
10-3	6/17/1997	0:00	18:15	31.15	8.23	51294	33.8	109.5	6.68	12.7
10-3	6/17/1997	0:00	18:30	31.11	8.21	51278	33.8	107.7	6.58	12.7
10-3	6/17/1997	0:00	18:45	31.19	8.23	51311	33.8	109.3	6.67	12.7
10-3	6/17/1997	0:00	19:00	31.13	8.22	51220	33.7	104.6	6.39	12.5
10-3	6/17/1997	0:00	19:15	30.78	8.21	50952	33.5	104.1	6.40	12.7
10-3	6/17/1997	0:00	19:30	30.53	8.21	50137	32.9	102.3	6.34	12.6
10-3	6/17/1997	0:00	19:45	30.37	8.20	48506	31.7	100.5	6.29	12.6
10-3	6/17/1997	0:00	20:00	30.31	8.20	45278	29.4	99.5	6.32	12.6
10-3	6/17/1997	0:00	20:15	30.27	8.20	43499	28.1	99.1	6.34	12.6
10-3	6/17/1997	0:00	20:30	30.23	8.20	42636	27.5	99.0	6.37	12.6
10-3	6/17/1997	0:00	20:45	30.19	8.20	41577	26.7	98.9	6.39	12.6

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
10-3	6/17/1997	0:00	21:00	30.11	8.20	40835	26.2	98.7	6.41	12.6
10-3	6/17/1997	0:00	21:15	30.07	8.20	39908	25.5	98.7	6.44	12.6
10-3	6/17/1997	0:00	21:30	30.05	8.20	39250	25.0	98.7	6.46	12.6
10-3	6/17/1997	0:00	21:45	30.05	8.20	38858	24.8	98.7	6.47	12.6
10-3	6/17/1997	0:00	22:00	30.03	8.20	38526	24.5	98.3	6.46	12.6
10-3	6/17/1997	0:00	22:15	30.01	8.20	38520	24.5	98.1	6.45	12.6
10-3	6/17/1997	0:00	22:30	29.99	8.20	38515	24.5	97.9	6.44	12.6
10-3	6/17/1997	0:00	22:45	30.01	8.20	38651	24.6	97.9	6.43	12.6
10-3	6/17/1997	0:00	23:00	29.99	8.20	38776	24.7	97.4	6.39	12.6
10-3	6/17/1997	0:00	23:15	29.99	8.20	39951	25.5	97.3	6.35	12.6
10-3	6/17/1997	0:00	23:30	29.97	8.20	44188	28.6	96.4	6.19	12.6
10-3	6/17/1997	0:00	23:45	29.93	8.20	51222	33.7	95.8	5.97	12.6
10-3	6/18/1997	0:00	0:00	29.91	8.20	51541	34.0	95.5	5.94	12.6
10-3	6/18/1997	0:00	0:15	29.91	8.20	51476	33.9	95.2	5.93	12.6
10-3	6/18/1997	0:00	0:30	29.89	8.20	51469	33.9	95.1	5.92	12.6
10-3	6/18/1997	0:00	0:45	29.83	8.19	51447	33.9	94.1	5.87	12.6
10-3	6/18/1997	0:00	1:00	29.79	8.18	51498	33.9	91.8	5.72	12.6
10-3	6/18/1997	0:00	1:15	29.71	8.17	51469	33.9	90.4	5.65	12.6
10-3	6/18/1997	0:00	1:30	29.67	8.16	51455	33.9	85.6	5.35	12.6
10-3	6/18/1997	0:00	1:45	29.69	8.15	51462	33.9	82.9	5.18	12.6
10-3	6/18/1997	0:00	2:00	29.73	8.16	51476	33.9	86.7	5.42	12.6
10-3	6/18/1997	0:00	2:15	29.75	8.16	51418	33.9	85.8	5.36	12.6
10-3	6/18/1997	0:00	2:30	29.73	8.16	51411	33.9	85.0	5.31	12.5
10-3	6/18/1997	0:00	2:45	29.73	8.16	51411	33.9	84.5	5.28	12.5
10-3	6/18/1997	0:00	3:00	29.73	8.16	51411	33.9	83.9	5.24	12.6
10-3	6/18/1997	0:00	3:15	29.73	8.16	51411	33.9	83.9	5.24	12.5
10-3	6/18/1997	0:00	3:30	29.69	8.16	51397	33.9	82.7	5.17	12.5
10-3	6/18/1997	0:00	3:45	29.71	8.16	51534	34.0	82.7	5.17	12.5
10-3	6/18/1997	0:00	4:00	29.73	8.17	51541	34.0	83.7	5.23	12.5
10-3	6/18/1997	0:00	4:15	29.85	8.17	51519	33.9	83.6	5.21	12.5
10-3	6/18/1997	0:00	4:30	29.87	8.17	51527	33.9	83.1	5.18	12.5
10-3	6/18/1997	0:00	4:45	29.91	8.16	51541	34.0	82.0	5.10	12.5
10-3	6/18/1997	0:00	5:00	29.89	8.17	51469	33.9	83.5	5.20	12.6
10-3	6/18/1997	0:00	5:15	29.65	8.17	51318	33.8	87.8	5.50	12.5
10-3	6/18/1997	0:00	5:30	29.67	8.16	50934	33.5	87.7	5.49	12.5
10-3	6/18/1997	0:00	5:45	29.69	8.18	49964	32.8	89.1	5.61	12.5
10-3	6/18/1997	0:00	6:00	29.81	8.18	48832	32.0	91.7	5.79	12.5
10-3	6/18/1997	0:00	6:15	29.83	8.18	45905	29.8	92.3	5.90	12.5
10-3	6/18/1997	0:00	6:30	29.89	8.19	39336	25.1	92.6	6.07	12.5
10-3	6/18/1997	0:00	6:45	29.93	8.18	39020	24.9	92.3	6.06	12.5
10-3	6/18/1997	0:00	7:00	29.97	8.18	39423	25.2	92.5	6.06	12.5
10-3	6/18/1997	0:00	7:15	30.01	8.18	39696	25.3	91.9	6.01	12.5
10-3	6/18/1997	0:00	7:30	30.05	8.18	40098	25.6	93.1	6.07	12.6
10-3	6/18/1997	0:00	7:45	30.03	8.18	41007	26.3	92.5	6.01	12.5
10-3	6/18/1997	0:00	8:00	30.03	8.18	41007	26.3	92.9	6.03	12.5
10-3	6/18/1997	0:00	8:15	30.05	8.19	41274	26.5	93.1	6.04	12.5
10-3	6/18/1997	0:00	8:30	30.07	8.19	41214	26.4	93.1	6.04	12.5
10-3	6/18/1997	0:00	8:45	30.11	8.19	41357	26.5	93.7	6.07	12.5
10-3	6/18/1997	0:00	9:00	30.13	8.19	41232	26.4	94.0	6.09	12.5

Hydro 1

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
10-3	6/18/1997	0:00	9:15	30.13	8.19	41102	26.4	94.1	6.10	12.5
10-3	6/18/1997	0:00	9:30	30.13	8.19	41428	26.6	94.4	6.11	12.5
10-3	6/18/1997	0:00	9:45	30.17	8.19	41898	26.9	94.1	6.08	12.5
10-3	6/18/1997	0:00	10:00	30.17	8.20	43009	27.7	94.1	6.05	12.5
10-3	6/18/1997	0:00	10:15	30.23	8.20	50940	33.5	92.2	5.73	12.5
10-3	6/18/1997	0:00	10:30	30.33	8.19	50782	33.4	95.9	5.95	12.5
10-3	6/18/1997	0:00	10:45	30.37	8.19	50862	33.5	96.4	5.97	12.5
10-3	6/18/1997	0:00	11:00	30.41	8.19	50812	33.4	97.3	6.03	12.4
10-3	6/18/1997	0:00	11:15	30.45	8.19	50761	33.4	99.0	6.13	12.5
10-3	6/18/1997	0:00	11:30	30.55	8.18	50735	33.4	97.4	6.02	12.5
13-5	7/16/1997 0:00 No Data due to Vandalism of Equipment.									
16-1	8/18/1997	0:00	6:45	30.93	7.20	46,176	30.0	102.0	6.28	12.6
16-1	8/18/1997	0:00	7:00	30.94	7.20	46,178	30.0	102.1	6.34	12.6
16-1	8/18/1997	0:00	7:15	30.92	7.21	46,226	30.1	101.5	6.31	12.6
16-1	8/18/1997	0:00	7:30	30.88	7.21	46,275	30.1	98.1	6.10	12.7
16-1	8/18/1997	0:00	7:45	30.88	7.22	46,211	30.0	94.0	5.84	12.6
16-1	8/18/1997	0:00	8:00	30.86	7.21	46,268	30.1	91.7	5.70	12.6
16-1	8/18/1997	0:00	8:15	30.86	7.21	46,268	30.1	91.5	5.69	12.6
16-1	8/18/1997	0:00	8:30	30.86	7.21	46,268	30.1	92.2	5.73	12.6
16-1	8/18/1997	0:00	8:45	30.84	7.21	46,389	30.2	91.3	5.67	12.6
16-1	8/18/1997	0:00	9:00	30.84	7.21	46,325	30.1	93.0	5.78	12.6
16-1	8/18/1997	0:00	9:15	30.90	7.20	46,475	30.2	92.6	5.75	12.6
16-1	8/18/1997	0:00	9:30	30.94	7.20	46,682	30.4	94.0	5.83	12.6
16-1	8/18/1997	0:00	9:45	31.07	7.21	47,047	30.7	99.5	6.14	12.6
16-1	8/18/1997	0:00	10:00	31.21	7.21	47,357	30.9	109.0	6.71	12.6
16-1	8/18/1997	0:00	10:15	31.29	7.22	47,452	31.0	113.1	6.95	12.6
16-1	8/18/1997	0:00	10:30	31.35	7.22	47,540	31.0	118.4	7.26	12.6
16-1	8/18/1997	0:00	10:45	31.40	7.22	47,684	31.1	123.3	7.55	12.6
16-1	8/18/1997	0:00	11:00	31.44	7.22	47,957	31.3	127.8	7.81	12.6
16-1	8/18/1997	0:00	11:15	31.56	7.23	47,876	31.3	132.8	8.10	12.6
16-1	8/18/1997	0:00	11:30	31.56	7.23	48,134	31.5	136.9	8.35	12.6
16-1	8/18/1997	0:00	11:45	31.56	7.22	48,263	31.5	139.3	8.49	12.6
16-1	8/18/1997	0:00	12:00	31.63	7.22	48,369	31.6	141.7	8.62	12.6
16-1	8/18/1997	0:00	12:15	31.68	7.23	48,312	31.6	151.4	9.21	12.5
16-1	8/18/1997	0:00	12:30	31.79	7.23	48,353	31.6	158.5	9.62	12.5
16-1	8/18/1997	0:00	12:45	31.85	7.24	48,507	31.7	160.6	9.73	12.5
16-1	8/18/1997	0:00	13:00	31.93	7.25	48,476	31.7	166.1	10.05	12.5
16-1	8/18/1997	0:00	13:15	32.00	7.27	48,501	31.7	168.4	10.18	12.5
16-1	8/18/1997	0:00	13:30	31.93	7.27	48,864	32.0	162.2	9.80	12.5
16-1	8/18/1997	0:00	13:45	32.21	7.31	48,522	31.7	183.2	11.03	12.5
16-1	8/18/1997	0:00	14:00	32.31	7.35	48,436	31.7	189.4	11.39	12.5
16-1	8/18/1997	0:00	14:15	32.14	7.32	48,885	32.0	178.5	10.74	12.5
16-1	8/18/1997	0:00	14:30	32.25	7.30	48,799	31.9	179.4	10.78	12.5
16-1	8/18/1997	0:00	14:45	32.60	7.29	48,299	31.6	182.3	10.91	12.5
16-1	8/18/1997	0:00	15:00	32.50	7.30	48,190	31.5	186.9	11.22	12.5
16-1	8/18/1997	0:00	15:15	32.67	7.31	48,067	31.4	192.5	11.53	12.5
16-1	8/18/1997	0:00	15:30	32.65	7.31	47,862	31.3	191.5	11.48	12.5

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
16-1	8/18/1997	0:00	15:45	32.71	7.33	47,564	31.0	191.8	11.49	12.5
16-1	8/18/1997	0:00	16:00	32.77	7.35	47,395	30.9	192.0	11.50	12.5
16-1	8/18/1997	0:00	16:15	32.73	7.36	47,312	30.9	192.8	11.55	12.5
16-1	8/18/1997	0:00	16:30	32.73	7.37	47,182	30.8	193.3	11.59	12.5
16-1	8/18/1997	0:00	16:45	32.73	7.38	46,857	30.5	193.9	11.65	12.5
16-1	8/18/1997	0:00	17:00	32.69	7.38	46,774	30.5	194.2	11.66	12.5
16-1	8/18/1997	0:00	17:15	32.71	7.39	46,588	30.3	195.1	11.78	12.5
16-1	8/18/1997	0:00	17:30	32.71	7.40	46,588	30.3	195.8	11.82	12.5
16-1	8/18/1997	0:00	17:45	32.71	7.40	46,523	30.3	195.1	11.77	12.5
16-1	8/18/1997	0:00	18:00	32.71	7.42	46,458	30.2	194.9	11.75	12.5
16-1	8/18/1997	0:00	18:15	32.71	7.41	46,393	30.2	194.8	11.74	12.5
16-1	8/18/1997	0:00	18:30	32.69	7.42	46,319	30.1	194.9	11.76	12.4
16-1	8/18/1997	0:00	18:45	32.67	7.41	46,180	30.0	193.9	11.70	12.5
16-1	8/18/1997	0:00	19:00	32.67	7.40	46,310	30.1	193.7	11.65	12.5
16-1	8/18/1997	0:00	19:15	32.65	7.40	46,237	30.1	189.4	11.43	12.5
16-1	8/18/1997	0:00	19:30	32.60	7.39	46,154	30.0	187.5	11.33	12.5
16-1	8/18/1997	0:00	19:45	32.56	7.39	46,073	29.9	181.4	10.97	12.5
16-1	8/18/1997	0:00	20:00	32.54	7.38	46,064	29.9	177.4	10.73	12.5
16-1	8/18/1997	0:00	20:15	32.48	7.39	45,909	29.8	183.3	11.11	12.4
16-1	8/18/1997	0:00	20:30	32.46	7.38	45,965	29.9	173.3	10.50	12.4
16-1	8/18/1997	0:00	20:45	32.39	7.38	45,810	29.8	176.4	10.71	12.4
16-1	8/18/1997	0:00	21:00	32.37	7.38	45,802	29.8	177.7	10.79	12.4
16-1	8/18/1997	0:00	21:15	32.33	7.37	45,850	29.8	173.1	10.52	12.4
16-1	8/18/1997	0:00	21:30	32.29	7.38	45,769	29.7	172.6	10.50	12.5
16-1	8/18/1997	0:00	21:45	32.27	7.38	45,761	29.7	170.8	10.39	12.4
16-1	8/18/1997	0:00	22:00	32.23	7.37	45,745	29.7	156.9	9.56	12.4
16-1	8/18/1997	0:00	22:15	32.18	7.36	45,793	29.7	144.9	8.83	12.4
16-1	8/18/1997	0:00	22:30	32.14	7.36	45,777	29.7	175.6	10.71	12.4
16-1	8/18/1997	0:00	22:45	32.18	7.35	45,923	29.8	154.6	9.42	12.4
16-1	8/18/1997	0:00	23:00	32.14	7.36	45,842	29.8	162.3	9.89	12.4
16-1	8/18/1997	0:00	23:15	32.14	7.36	45,906	29.8	163.9	9.99	12.4
16-1	8/18/1997	0:00	23:30	32.14	7.35	45,971	29.9	156.7	9.55	12.4
16-1	8/18/1997	0:00	23:45	32.16	7.34	45,979	29.9	152.9	9.31	12.4
16-1	8/19/1997	0:00	0:00	32.12	7.33	46,157	30.0	149.1	9.08	12.4
16-1	8/19/1997	0:00	0:15	32.12	7.32	46,352	30.2	152.1	9.26	12.4
16-1	8/19/1997	0:00	0:30	32.12	7.33	46,610	30.3	157.3	9.56	12.4
16-1	8/19/1997	0:00	0:45	32.12	7.33	46,740	30.4	154.5	9.39	12.4
16-1	8/19/1997	0:00	1:00	32.16	7.33	46,821	30.5	162.9	9.88	12.4
16-1	8/19/1997	0:00	1:15	32.14	7.33	47,007	30.6	158.2	9.59	12.4
16-1	8/19/1997	0:00	1:30	32.10	7.32	47,055	30.7	155.3	9.43	12.4
16-1	8/19/1997	0:00	1:45	32.06	7.31	47,168	30.7	153.7	9.33	12.4
16-1	8/19/1997	0:00	2:00	32.06	7.31	47,297	30.8	155.0	9.41	12.4
16-1	8/19/1997	0:00	2:15	32.02	7.30	47,216	30.8	150.9	9.17	12.3
16-1	8/19/1997	0:00	2:30	32.02	7.30	47,411	30.9	158.2	9.60	12.3
16-1	8/19/1997	0:00	2:45	31.95	7.29	47,450	31.0	143.2	8.70	12.3
16-1	8/19/1997	0:00	3:00	31.98	7.28	47,588	31.1	141.6	8.60	12.3
16-1	8/19/1997	0:00	3:15	31.95	7.27	47,579	31.0	139.4	8.46	12.3
16-1	8/19/1997	0:00	3:30	31.95	7.27	47,644	31.1	134.7	8.18	12.1
16-1	8/19/1997	0:00	3:45	31.98	7.25	47,588	31.1	123.1	7.47	12.3

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
16-1	8/19/1997	0:00	4:00	31.93	7.25	47,700	31.1	124.8	7.57	12.3
16-1	8/19/1997	0:00	4:15	31.75	7.26	47,627	31.1	125.0	7.62	12.4
16-1	8/19/1997	0:00	4:30	31.79	7.27	47,320	30.9	119.8	7.30	12.3
16-1	8/19/1997	0:00	4:45	31.83	7.27	47,336	30.9	138.3	8.42	12.3
16-1	8/19/1997	0:00	5:00	31.83	7.27	47,272	30.8	117.9	7.18	12.3
16-1	8/19/1997	0:00	5:15	31.64	7.25	47,135	30.7	110.6	6.76	12.3
16-1	8/19/1997	0:00	5:30	31.43	7.24	46,808	30.5	99.8	6.13	12.3
16-1	8/19/1997	0:00	5:45	31.40	7.24	46,655	30.4	98.6	6.06	12.3
16-1	8/19/1997	0:00	6:00	31.31	7.23	46,559	30.3	90.4	5.57	12.3
16-1	8/19/1997	0:00	6:15	31.29	7.23	46,423	30.2	92.0	5.67	12.3
16-1	8/19/1997	0:00	6:30	31.28	7.23	46,422	30.2	92.0	5.67	12.4
16-1	8/19/1997	0:00	6:45	31.28	7.23	46,420	30.1	91.8	5.64	12.3
16-1	8/19/1997	0:00	7:00	31.29	7.22	46,416	30.0	91.7	5.61	12.3
11-5	9/15/1996	0:00	6:45	29.38	7.90	42,500	27.4	96.5	6.29	15.6
11-5	9/15/1996	0:00	7:00	29.35	7.91	42,505	27.5	96.5	6.29	15.3
11-5	9/15/1996	0:00	7:15	29.35	7.91	42,502	27.4	96.4	6.28	15.4
11-5	9/15/1996	0:00	7:30	29.36	7.91	42,493	27.4	96.0	6.26	15.4
11-5	9/15/1996	0:00	7:45	29.40	7.92	42,390	27.3	100.0	6.52	15.4
11-5	9/15/1996	0:00	8:00	29.33	7.92	42,540	27.4	96.6	6.31	15.1
11-5	9/15/1996	0:00	8:15	29.30	7.92	42,626	27.5	92.6	6.05	15.3
11-5	9/15/1996	0:00	8:30	29.28	7.92	42,620	27.4	89.1	5.82	15.3
11-5	9/15/1996	0:00	8:45	29.28	7.91	42,620	27.4	86.7	5.66	15.3
11-5	9/15/1996	0:00	9:00	29.18	7.92	42,645	27.5	82.0	5.36	15.2
11-5	9/15/1996	0:00	9:15	29.12	7.93	42,576	27.4	88.1	5.77	15.2
11-5	9/15/1996	0:00	9:30	28.98	7.97	42,590	27.4	99.4	6.52	15.2
11-5	9/15/1996	0:00	9:45	29.03	7.98	42,773	27.6	103.2	6.76	15.2
11-5	9/15/1996	0:00	10:00	29.04	7.98	42,817	27.6	104.9	6.87	15.2
11-5	9/15/1996	0:00	10:15	28.97	7.98	42,809	27.6	101.1	6.63	15.2
11-5	9/15/1996	0:00	10:30	28.94	7.98	42,842	27.6	103.5	6.79	15.2
11-5	9/15/1996	0:00	10:45	28.92	7.98	42,837	27.6	101.7	6.68	15.0
11-5	9/15/1996	0:00	11:00	28.94	7.98	42,842	27.6	103.5	6.79	15.1
11-5	9/15/1996	0:00	11:15	28.96	7.98	42,848	27.6	104.8	6.87	15.1
11-5	9/15/1996	0:00	11:30	28.98	7.98	42,853	27.6	106.1	6.95	15.1
11-5	9/15/1996	0:00	11:45	29.04	7.98	42,870	27.6	107.6	7.05	15.1
11-5	9/15/1996	0:00	12:00	29.06	7.99	42,875	27.6	108.7	7.12	15.0
11-5	9/15/1996	0:00	12:15	29.08	7.99	42,828	27.6	105.9	6.93	15.0
11-5	9/15/1996	0:00	12:30	29.09	7.99	42,842	27.6	110.2	7.21	15.0
11-5	9/15/1996	0:00	12:45	29.08	7.99	42,880	27.6	111.1	7.27	15.0
11-5	9/15/1996	0:00	13:00	29.08	7.99	42,880	27.6	108.7	7.11	15.0
11-5	9/15/1996	0:00	13:15	29.09	8.00	42,894	27.6	114.1	7.47	15.0
11-5	9/15/1996	0:00	13:30	29.12	8.01	42,839	27.6	119.3	7.80	14.9
11-5	9/15/1996	0:00	13:45	29.12	8.01	42,891	27.6	110.3	7.21	14.9
11-5	9/15/1996	0:00	14:00	29.14	8.02	42,844	27.6	114.4	7.48	14.9
11-5	9/15/1996	0:00	14:15	29.20	8.02	42,809	27.6	119.6	7.81	14.9
11-5	9/15/1996	0:00	14:30	29.24	8.01	42,820	27.6	117.6	7.67	14.9
11-5	9/15/1996	0:00	14:45	29.36	8.01	42,695	27.5	122.2	7.97	14.9
11-5	9/15/1996	0:00	15:00	29.59	8.03	42,447	27.3	124.4	8.08	14.9
11-5	9/15/1996	0:00	15:15	29.71	8.04	42,218	27.2	131.6	8.54	14.9

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
11-5	9/15/1996	0:00	15:30	29.95	41,866	26.9	136.3	8.82	14.9
11-5	9/15/1996	0:00	15:45	29.99	41,930	27.0	138.0	8.93	14.8
11-5	9/15/1996	0:00	16:00	29.97	41,871	26.9	138.7	8.98	14.8
11-5	9/15/1996	0:00	16:15	29.99	41,877	26.9	131.2	8.49	14.8
11-5	9/15/1996	0:00	16:30	29.99	41,825	26.9	140.7	9.11	14.8
11-5	9/15/1996	0:00	16:45	30.01	41,830	26.9	133.6	8.64	14.8
11-5	9/15/1996	0:00	17:00	30.05	41,737	26.8	136.0	8.80	14.8
11-5	9/15/1996	0:00	17:15	30.11	41,595	26.7	150.9	9.75	14.8
11-5	9/15/1996	0:00	17:30	30.24	41,367	26.5	155.3	10.03	14.8
11-5	9/15/1996	0:00	17:45	30.26	41,213	26.4	144.5	9.33	14.8
11-5	9/15/1996	0:00	18:00	30.30	41,119	26.4	151.7	9.80	14.8
11-5	9/15/1996	0:00	18:15	30.34	40,972	26.3	148.0	9.56	14.8
11-5	9/15/1996	0:00	18:30	30.38	41,144	26.4	150.8	9.72	14.7
11-5	9/15/1996	0:00	18:45	30.42	41,103	26.4	154.7	9.97	14.7
11-5	9/15/1996	0:00	19:00	30.46	41,062	26.3	143.6	9.25	14.7
11-5	9/15/1996	0:00	19:15	30.48	40,749	26.1	150.3	9.69	14.7
11-5	9/15/1996	0:00	19:30	30.50	40,702	26.1	148.9	9.60	14.7
11-5	9/15/1996	0:00	19:45	30.44	40,366	25.8	142.8	9.23	14.7
11-5	9/15/1996	0:00	20:00	30.40	40,937	26.2	142.9	9.22	14.7
11-5	9/15/1996	0:00	20:15	30.40	41,097	26.4	137.4	8.86	14.7
11-5	9/15/1996	0:00	20:30	30.38	41,144	26.4	134.7	8.68	14.7
11-5	9/15/1996	0:00	20:45	30.48	41,228	26.4	145.2	9.34	14.7
11-5	9/15/1996	0:00	21:00	30.48	41,228	26.4	139.1	8.95	14.6
11-5	9/15/1996	0:00	21:15	30.34	41,981	27.0	131.6	8.46	14.6
11-5	9/15/1996	0:00	21:30	30.34	41,503	26.6	148.0	9.54	14.4
11-5	9/15/1996	0:00	21:45	30.13	41,337	26.5	141.6	9.16	14.6
11-5	9/15/1996	0:00	22:00	30.24	41,526	26.7	142.9	9.22	14.6
11-5	9/15/1996	0:00	22:15	30.20	41,885	26.9	132.0	8.51	14.6
11-5	9/15/1996	0:00	22:30	30.18	42,038	27.0	128.3	8.27	14.6
11-5	9/15/1996	0:00	22:45	30.11	42,019	27.0	127.4	8.22	14.6
11-5	9/15/1996	0:00	23:00	30.05	42,054	27.0	125.0	8.07	14.6
11-5	9/15/1996	0:00	23:15	30.05	42,107	27.1	128.2	8.28	14.6
11-5	9/15/1996	0:00	23:30	29.85	42,259	27.2	129.5	8.39	14.6
11-5	9/15/1996	0:00	23:45	29.57	42,389	27.3	126.6	8.23	14.6
11-5	9/16/1996	0:00	0:00	29.56	42,489	27.4	123.8	8.05	14.5
11-5	9/16/1996	0:00	0:15	29.54	42,483	27.3	126.1	8.20	14.5
11-5	9/16/1996	0:00	0:30	29.52	42,477	27.3	126.0	8.20	14.5
11-5	9/16/1996	0:00	0:45	29.50	42,471	27.3	123.5	8.04	14.5
11-5	9/16/1996	0:00	1:00	29.50	42,471	27.3	123.6	8.04	14.5
11-5	9/16/1996	0:00	1:15	29.50	42,418	27.3	121.5	7.91	14.5
11-5	9/16/1996	0:00	1:30	29.48	42,413	27.3	120.9	7.87	14.5
11-5	9/16/1996	0:00	1:45	29.48	42,413	27.3	122.8	8.00	14.4
11-5	9/16/1996	0:00	2:00	29.48	42,466	27.3	120.8	7.87	14.5
11-5	9/16/1996	0:00	2:15	29.44	42,507	27.4	112.2	7.31	14.5
11-5	9/16/1996	0:00	2:30	29.42	42,554	27.4	123.1	8.02	14.5
11-5	9/16/1996	0:00	2:45	29.40	42,548	27.4	112.6	7.34	14.4
11-5	9/16/1996	0:00	3:00	29.42	42,554	27.4	122.8	8.00	14.4
11-5	9/16/1996	0:00	3:15	29.40	42,601	27.4	117.3	7.64	14.4
11-5	9/16/1996	0:00	3:30	29.42	42,554	27.4	122.5	7.99	14.4

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
11-5	9/16/1996	0:00	3:45	29.48	8.03	42,519	27.4	110.2	7.17	14.4
11-5	9/16/1996	0:00	4:00	29.50	8.02	42,471	27.3	118.9	7.74	14.4
11-5	9/16/1996	0:00	4:15	29.52	8.02	42,266	27.2	119.5	7.78	14.4
11-5	9/16/1996	0:00	4:30	29.48	8.01	41,991	27.0	119.9	7.82	14.4
11-5	9/16/1996	0:00	4:45	29.50	8.01	41,944	27.0	113.6	7.41	14.4
11-5	9/16/1996	0:00	5:00	29.50	8.01	41,574	26.7	110.5	7.22	14.4
11-5	9/16/1996	0:00	5:15	29.49	8.01	41,371	26.5	116.0	7.58	14.4
11-5	9/16/1996	0:00	5:30	29.44	8.01	40,978	26.3	115.9	7.60	14.4
11-5	9/16/1996	0:00	5:45	29.40	8.01	41,019	26.3	114.2	7.49	14.3
11-5	9/16/1996	0:00	6:00	29.34	8.00	40,950	26.2	112.9	7.42	14.3
11-5	9/16/1996	0:00	6:15	29.32	8.00	40,840	26.2	113.2	7.44	14.3
11-5	9/16/1996	0:00	6:30	29.32	8.02	40,830	26.2	113.0	7.40	14.3
11-5	9/16/1996	0:00	6:45	29.30	8.01	40,830	26.2	113.1	7.42	14.3
11-5	9/16/1996	0:00	7:00	29.30	8.01	40,800	26.1	112.9	7.40	14.3
ML-1	10/6/1997	0:00	7:45	26.11	6.16	168	0.1	56.6	4.60	13.8
ML-1	10/6/1997	0:00	8:00	26.09	6.18	172	0.1	55.5	4.51	13.8
ML-1	10/6/1997	0:00	8:15	26.09	6.16	170	0.1	55.6	4.52	13.8
ML-1	10/6/1997	0:00	8:30	26.09	6.17	172	0.1	55.1	4.48	13.8
ML-1	10/6/1997	0:00	8:45	26.08	6.18	175	0.1	55.1	4.48	13.8
ML-1	10/6/1997	0:00	9:00	26.08	6.18	175	0.1	55.0	4.47	13.7
ML-1	10/6/1997	0:00	9:15	26.09	6.18	176	0.1	54.6	4.44	13.7
ML-1	10/6/1997	0:00	9:30	26.11	6.17	175	0.1	54.4	4.42	13.7
ML-1	10/6/1997	0:00	9:45	26.17	6.18	177	0.1	54.2	4.40	13.7
ML-1	10/6/1997	0:00	10:00	26.25	6.20	178	0.1	54.0	4.38	13.7
ML-1	10/6/1997	0:00	10:15	26.24	6.18	176	0.1	54.0	4.38	13.7
ML-1	10/6/1997	0:00	10:30	26.35	6.20	178	0.1	53.8	4.35	13.6
ML-1	10/6/1997	0:00	10:45	26.38	6.18	177	0.1	54.1	4.38	13.7
ML-1	10/6/1997	0:00	11:00	26.44	6.21	181	0.1	53.9	4.36	13.7
ML-1	10/6/1997	0:00	11:15	26.50	6.20	181	0.1	53.9	4.34	13.7
ML-1	10/6/1997	0:00	11:30	26.63	6.20	180	0.1	54.4	4.38	13.7
ML-1	10/6/1997	0:00	11:45	26.71	6.20	180	0.1	54.9	4.41	13.6
ML-1	10/6/1997	0:00	12:00	26.84	6.19	179	0.1	55.0	4.41	13.7
ML-1	10/6/1997	0:00	12:15	26.91	6.20	180	0.1	55.4	4.43	13.6
ML-1	10/6/1997	0:00	12:30	27.01	6.20	181	0.1	54.9	4.39	13.6
ML-1	10/6/1997	0:00	12:45	27.08	6.21	183	0.1	55.3	4.42	13.6
ML-1	10/6/1997	0:00	13:00	27.22	6.22	183	0.1	55.3	4.41	13.6
ML-1	10/6/1997	0:00	13:15	27.37	6.21	183	0.1	56.1	4.46	13.6
ML-1	10/6/1997	0:00	13:30	27.52	6.21	183	0.1	56.1	4.44	13.6
ML-1	10/6/1997	0:00	13:45	27.72	6.22	184	0.1	55.7	4.40	13.6
ML-1	10/6/1997	0:00	14:00	27.62	6.21	184	0.1	56.5	4.47	13.5
ML-1	10/6/1997	0:00	14:15	27.68	6.21	184	0.1	56.5	4.46	13.6
ML-1	10/6/1997	0:00	14:30	27.76	6.22	186	0.1	56.2	4.44	13.6
ML-1	10/6/1997	0:00	14:45	27.83	6.23	187	0.1	56.7	4.47	13.5
ML-1	10/6/1997	0:00	15:00	27.94	6.24	188	0.1	57.0	4.48	13.6
ML-1	10/6/1997	0:00	15:15	28.03	6.23	187	0.1	56.7	4.45	13.5
ML-1	10/6/1997	0:00	15:30	28.12	6.24	188	0.1	57.1	4.47	13.5
ML-1	10/6/1997	0:00	15:45	28.14	6.24	188	0.1	57.0	4.47	13.5
ML-1	10/6/1997	0:00	16:00	28.14	6.24	189	0.1	57.2	4.48	13.5

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
ML-1	10/6/1997	0:00	16:15	28.08	6.23	189	0.1	56.8	4.46	13.5
ML-1	10/6/1997	0:00	16:30	28.14	6.26	190	0.1	57.7	4.52	13.5
ML-1	10/6/1997	0:00	16:45	28.08	6.23	190	0.1	56.9	4.46	13.5
ML-1	10/6/1997	0:00	17:00	28.10	6.23	188	0.1	56.7	4.45	13.5
ML-1	10/6/1997	0:00	17:15	28.12	6.23	188	0.1	57.1	4.47	13.5
ML-1	10/6/1997	0:00	17:30	28.14	6.25	189	0.1	57.6	4.51	13.5
ML-1	10/6/1997	0:00	17:45	28.10	6.25	189	0.1	57.7	4.52	13.5
ML-1	10/6/1997	0:00	18:00	28.06	6.25	187	0.1	57.9	4.54	13.5
ML-1	10/6/1997	0:00	18:15	27.89	6.21	182	0.1	57.1	4.50	13.5
ML-1	10/6/1997	0:00	18:30	27.85	6.20	182	0.1	57.0	4.49	13.6
ML-1	10/6/1997	0:00	18:45	27.83	6.18	179	0.1	57.6	4.54	13.5
ML-1	10/6/1997	0:00	19:00	27.79	6.18	178	0.1	57.5	4.53	13.4
ML-1	10/6/1997	0:00	19:15	27.72	6.19	179	0.1	57.2	4.51	13.4
ML-1	10/6/1997	0:00	19:30	27.70	6.19	180	0.1	57.1	4.51	13.4
ML-1	10/6/1997	0:00	19:45	27.66	6.19	180	0.1	57.0	4.50	13.4
ML-1	10/6/1997	0:00	20:00	27.62	6.19	179	0.1	57.4	4.54	13.4
ML-1	10/6/1997	0:00	20:15	27.58	6.19	180	0.1	57.5	4.55	13.4
ML-1	10/6/1997	0:00	20:30	27.56	6.19	178	0.1	57.6	4.56	13.4
ML-1	10/6/1997	0:00	20:45	27.51	6.18	178	0.1	57.5	4.56	13.4
ML-1	10/6/1997	0:00	21:00	27.47	6.19	179	0.1	57.4	4.55	13.4
ML-1	10/6/1997	0:00	21:15	27.39	6.20	180	0.1	57.0	4.52	13.4
ML-1	10/6/1997	0:00	21:30	27.35	6.21	182	0.1	57.1	4.53	13.4
ML-1	10/6/1997	0:00	21:45	27.31	6.22	184	0.1	56.7	4.51	13.4
ML-1	10/6/1997	0:00	22:00	27.28	6.23	186	0.1	57.4	4.56	13.4
ML-1	10/6/1997	0:00	22:15	27.22	6.24	187	0.1	57.4	4.57	13.3
ML-1	10/6/1997	0:00	22:30	27.18	6.25	189	0.1	57.4	4.58	13.4
ML-1	10/6/1997	0:00	22:45	27.09	6.23	188	0.1	57.3	4.57	13.3
ML-1	10/6/1997	0:00	23:00	27.08	6.24	188	0.1	56.8	4.53	13.4
ML-1	10/6/1997	0:00	23:15	27.02	6.25	189	0.1	56.6	4.52	13.4
ML-1	10/6/1997	0:00	23:30	27.01	6.25	190	0.1	56.2	4.49	13.4
ML-1	10/6/1997	0:00	23:45	26.91	6.24	188	0.1	55.3	4.43	13.3
ML-1	10/7/1997	0:00	0:00	26.90	6.25	190	0.1	55.3	4.43	13.3
ML-1	10/7/1997	0:00	0:15	26.89	6.25	188	0.1	54.6	4.37	13.3
ML-1	10/7/1997	0:00	0:30	26.80	6.25	188	0.1	53.2	4.27	13.3
ML-1	10/7/1997	0:00	0:45	26.84	6.25	191	0.1	53.7	4.30	13.3
ML-1	10/7/1997	0:00	1:00	26.67	6.22	187	0.1	54.3	4.37	13.3
ML-1	10/7/1997	0:00	1:15	26.63	6.21	187	0.1	53.9	4.33	13.4
ML-1	10/7/1997	0:00	1:30	26.69	6.24	190	0.1	53.1	4.27	13.3
ML-1	10/7/1997	0:00	1:45	26.61	6.21	187	0.1	53.2	4.28	13.3
ML-1	10/7/1997	0:00	2:00	26.57	6.23	188	0.1	51.9	4.18	13.3
ML-1	10/7/1997	0:00	2:15	26.51	6.21	186	0.1	52.2	4.21	13.3
ML-1	10/7/1997	0:00	2:30	26.39	6.20	186	0.1	52.1	4.21	13.3
ML-1	10/7/1997	0:00	2:45	26.37	6.18	184	0.1	52.1	4.21	13.3
ML-1	10/7/1997	0:00	3:00	26.39	6.22	187	0.1	50.2	4.06	13.3
ML-1	10/7/1997	0:00	3:15	26.40	6.23	189	0.1	49.8	4.02	13.3
ML-1	10/7/1997	0:00	3:30	26.30	6.21	185	0.1	50.3	4.07	13.3
ML-1	10/7/1997	0:00	3:45	26.22	6.20	186	0.1	51.2	4.15	13.2
ML-1	10/7/1997	0:00	4:00	26.19	6.19	185	0.1	50.1	4.06	13.2
ML-1	10/7/1997	0:00	4:15	26.20	6.19	185	0.1	50.7	4.11	13.2

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
ML-1	10/7/1997	0:00	4:30	26.16	6.18	184	0.1	50.4	4.09	13.2
ML-1	10/7/1997	0:00	4:45	26.14	6.18	185	0.1	50.0	4.06	13.2
ML-1	10/7/1997	0:00	5:00	26.09	6.18	184	0.1	48.2	3.92	13.2
ML-1	10/7/1997	0:00	5:15	26.05	6.21	186	0.1	48.1	3.91	13.2
ML-1	10/7/1997	0:00	5:30	26.06	6.20	184	0.1	47.0	3.82	13.2
ML-1	10/7/1997	0:00	5:45	26.02	6.19	184	0.1	48.4	3.94	13.2
ML-1	10/7/1997	0:00	6:00	26.02	6.17	182	0.1	47.2	3.84	13.2
ML-1	10/7/1997	0:00	6:15	25.96	6.18	184	0.1	47.6	3.87	13.2
ML-1	10/7/1997	0:00	6:30	25.97	6.16	181	0.1	48.0	3.91	13.2
ML-1	10/7/1997	0:00	6:45	25.97	6.13	177	0.1	49.7	4.05	13.2
ML-1	10/7/1997	0:00	7:00	25.92	6.15	177	0.1	50.7	4.13	13.2
ML-1	10/7/1997	0:00	7:15	25.92	6.15	177	0.1	51.4	4.19	13.2
ML-1	10/7/1997	0:00	7:30	25.91	6.15	178	0.1	51.6	4.21	13.2
ML-1	10/7/1997	0:00	7:45	25.85	6.15	179	0.1	51.4	4.19	13.2
ML-1	10/7/1997	0:00	8:00	25.86	6.15	178	0.1	52.1	4.25	13.2
ML-1	10/7/1997	0:00	8:15	25.81	6.15	179	0.1	51.8	4.23	13.2
ML-1	10/7/1997	0:00	8:30	25.79	6.15	180	0.1	50.8	4.15	13.1
ML-1	10/7/1997	0:00	8:45	25.84	6.19	183	0.1	50.9	4.15	13.1
ML-1	10/7/1997	0:00	9:00	25.85	6.19	183	0.1	52.1	4.25	13.1
ML-1	10/7/1997	0:00	9:15	25.85	6.17	181	0.1	52.4	4.28	13.1
ML-1	10/7/1997	0:00	9:30	25.90	6.18	184	0.1	52.8	4.30	13.1
ML-1	10/7/1997	0:00	9:45	25.97	6.21	186	0.1	52.4	4.26	13.1
ML-1	10/7/1997	0:00	10:00	25.95	6.21	187	0.1	52.7	4.29	13.2
ML-1	10/7/1997	0:00	10:15	26.04	6.22	189	0.1	53.0	4.31	13.1
ML-1	10/7/1997	0:00	10:30	26.10	6.23	189	0.1	52.7	4.28	13.1
ML-1	10/7/1997	0:00	10:45	26.17	6.23	191	0.1	52.8	4.29	13.1
ML-1	10/7/1997	0:00	11:00	26.20	6.23	191	0.1	52.6	4.27	13.2
ML-1	10/7/1997	0:00	11:15	26.30	6.20	186	0.1	53.3	4.32	13.1
ML-1	10/7/1997	0:00	11:30	26.36	6.23	191	0.1	52.6	4.26	13.1
ML-1	10/7/1997	0:00	11:45	26.49	6.22	188	0.1	53.0	4.27	13.1
ML-1	10/7/1997	0:00	12:00	26.58	6.22	187	0.1	52.9	4.26	13.1
ML-1	10/7/1997	0:00	12:15	26.70	6.24	189	0.1	53.1	4.27	13.1
ML-1	10/7/1997	0:00	12:30	26.86	6.23	188	0.1	53.8	4.31	13.0
ML-1	10/7/1997	0:00	12:45	26.90	6.25	192	0.1	53.0	4.24	13.1
ML-1	10/7/1997	0:00	13:00	27.06	6.25	191	0.1	53.9	4.30	13.1
ML-1	10/7/1997	0:00	13:15	27.16	6.25	192	0.1	53.4	4.26	13.1
11-1	11/10/1997	0:00	8:30	19.53	8.12	40,817	26.2	133.5	10.50	12.2
11-1	11/10/1997	0:00	8:45	19.54	8.14	40,817	26.2	135.0	10.61	12.3
11-1	11/10/1997	0:00	9:00	19.58	8.14	40,818	26.2	134.4	10.56	12.3
11-1	11/10/1997	0:00	9:15	19.61	8.14	40,870	26.2	134.8	10.58	12.3
11-1	11/10/1997	0:00	9:30	19.63	8.13	40,871	26.2	135.2	10.61	12.3
11-1	11/10/1997	0:00	9:45	19.58	8.14	40,869	26.2	136.3	10.70	12.3
11-1	11/10/1997	0:00	10:00	19.60	8.14	40,870	26.2	135.7	10.66	12.3
11-1	11/10/1997	0:00	10:15	19.68	8.14	40,872	26.2	135.6	10.63	12.3
11-1	11/10/1997	0:00	10:30	19.72	8.14	40,873	26.2	136.3	10.67	12.3
11-1	11/10/1997	0:00	10:45	19.73	8.14	40,874	26.2	136.5	10.69	12.2
11-1	11/10/1997	0:00	11:00	19.75	8.14	40,875	26.2	136.6	10.69	12.2
11-1	11/10/1997	0:00	11:15	19.77	8.14	40,875	26.2	137.4	10.75	12.2

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
11-1	11/10/1997	0:00	11:30	19.79	8.14	40,886	26.2	138.1	10.80	12.2
11-1	11/10/1997	0:00	11:45	19.87	8.14	40,930	26.2	138.7	10.83	12.2
11-1	11/10/1997	0:00	12:00	19.98	8.14	40,933	26.2	138.7	10.80	12.1
11-1	11/10/1997	0:00	12:15	20.03	8.14	40,987	26.3	139.5	10.86	12.2
11-1	11/10/1997	0:00	12:30	20.10	8.15	40,990	26.3	141.2	10.97	12.2
11-1	11/10/1997	0:00	12:45	20.13	8.15	40,940	26.2	142.9	11.10	12.2
11-1	11/10/1997	0:00	13:00	20.18	8.15	40,993	26.3	144.2	11.19	12.2
11-1	11/10/1997	0:00	13:15	20.24	8.16	40,996	26.3	146.0	11.31	12.1
11-1	11/10/1997	0:00	13:30	20.29	8.16	40,998	26.3	147.0	11.38	12.1
11-1	11/10/1997	0:00	13:45	20.32	8.16	41,000	26.3	147.7	11.43	12.2
11-1	11/10/1997	0:00	14:00	20.36	8.16	41,001	26.3	148.8	11.50	12.2
11-1	11/10/1997	0:00	14:15	20.38	8.16	40,950	26.2	150.2	11.62	12.2
11-1	11/10/1997	0:00	14:30	20.41	8.17	41,004	26.3	151.5	11.70	12.2
11-1	11/10/1997	0:00	14:45	20.45	8.17	41,005	26.3	153.1	11.82	12.2
11-1	11/10/1997	0:00	15:00	20.46	8.18	41,006	26.3	154.7	11.94	12.2
11-1	11/10/1997	0:00	15:15	20.50	8.18	41,008	26.3	155.9	12.02	12.2
11-1	11/10/1997	0:00	15:30	20.49	8.18	41,018	26.3	157.1	12.12	12.2
11-1	11/10/1997	0:00	15:45	20.53	8.19	41,010	26.3	158.1	12.18	12.2
11-1	11/10/1997	0:00	16:00	20.53	8.19	41,010	26.3	159.1	12.26	12.2
11-1	11/10/1997	0:00	16:15	20.55	8.20	40,959	26.3	160.3	12.35	12.2
11-1	11/10/1997	0:00	16:30	20.57	8.21	40,920	26.2	166.6	12.83	12.2
11-1	11/10/1997	0:00	16:45	20.55	8.22	40,856	26.2	166.4	12.83	12.2
11-1	11/10/1997	0:00	17:00	20.51	8.22	40,854	26.2	162.4	12.53	12.2
11-1	11/10/1997	0:00	17:15	20.45	8.22	40,851	26.2	160.7	12.41	12.3
11-1	11/10/1997	0:00	17:30	20.45	8.22	40,800	26.1	159.7	12.34	12.2
11-1	11/10/1997	0:00	17:45	20.41	8.22	40,850	26.2	159.0	12.29	12.2
11-1	11/10/1997	0:00	18:00	20.39	8.22	40,797	26.1	157.1	12.15	12.1
11-1	11/10/1997	0:00	18:15	20.41	8.22	40,798	26.1	155.5	12.02	12.2
11-1	11/10/1997	0:00	18:30	20.47	8.22	40,709	26.1	154.9	11.97	12.1
11-1	11/10/1997	0:00	18:45	20.48	8.22	40,750	26.1	154.2	11.91	12.2
11-1	11/10/1997	0:00	19:00	20.51	8.21	40,854	26.2	152.6	11.77	12.4
11-1	11/10/1997	0:00	19:15	20.50	8.21	40,762	26.1	151.6	11.70	12.2
11-1	11/10/1997	0:00	19:30	20.48	8.21	40,802	26.1	150.5	11.62	12.2
11-1	11/10/1997	0:00	19:45	20.51	8.21	40,854	26.2	149.1	11.50	12.2
11-1	11/10/1997	0:00	20:00	20.57	8.20	40,857	26.2	147.3	11.35	12.2
11-1	11/10/1997	0:00	20:15	20.63	8.19	40,923	26.2	146.0	11.23	12.2
11-1	11/10/1997	0:00	20:30	20.65	8.19	40,914	26.2	145.0	11.16	12.1
11-1	11/10/1997	0:00	20:45	20.69	8.18	40,967	26.3	143.8	11.05	12.1
11-1	11/10/1997	0:00	21:00	20.72	8.18	40,969	26.3	143.2	10.99	12.1
11-1	11/10/1997	0:00	21:15	20.73	8.17	40,980	26.3	143.0	10.98	12.1
11-1	11/10/1997	0:00	21:30	20.73	8.18	40,980	26.3	142.7	10.96	12.2
11-1	11/10/1997	0:00	21:45	20.73	8.17	40,980	26.3	141.5	10.86	12.2
11-1	11/10/1997	0:00	22:00	20.77	8.18	40,982	26.3	141.5	10.86	12.2
11-1	11/10/1997	0:00	22:15	20.78	8.18	40,972	26.3	142.0	10.89	12.2
11-1	11/10/1997	0:00	22:30	20.69	8.18	40,967	26.3	141.7	10.89	12.2
11-1	11/10/1997	0:00	22:45	20.67	8.18	40,966	26.3	139.9	10.75	12.2
11-1	11/10/1997	0:00	23:00	20.67	8.19	40,966	26.3	141.0	10.84	12.1
11-1	11/10/1997	0:00	23:15	20.65	8.20	40,914	26.2	142.6	10.97	12.1
11-1	11/10/1997	0:00	23:30	20.70	8.21	40,875	26.2	144.9	11.14	12.1

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
11-1	11/10/1997	0:00	23:45	20.74	8.23	40,815	26.1	147.8	11.35	12.1
11-1	11/11/1997	0:00	0:00	20.73	8.23	40,877	26.2	147.2	11.30	12.2
11-1	11/11/1997	0:00	0:15	20.72	8.23	40,917	26.2	145.6	11.18	12.1
11-1	11/11/1997	0:00	0:30	20.71	8.23	40,916	26.2	146.0	11.22	12.1
11-1	11/11/1997	0:00	0:45	20.68	8.23	40,925	26.2	146.5	11.26	12.1
11-1	11/11/1997	0:00	1:00	20.67	8.23	40,914	26.2	146.8	11.29	12.1
11-1	11/11/1997	0:00	1:15	20.65	8.23	40,965	26.3	146.7	11.28	12.1
11-1	11/11/1997	0:00	1:30	20.67	8.23	40,966	26.3	146.3	11.25	12.1
11-1	11/11/1997	0:00	1:45	20.69	8.23	40,967	26.3	145.8	11.20	12.1
11-1	11/11/1997	0:00	2:00	20.71	8.23	40,916	26.2	144.9	11.14	12.1
11-1	11/11/1997	0:00	2:15	20.69	8.22	40,915	26.2	143.7	11.04	12.1
11-1	11/11/1997	0:00	2:30	20.68	8.22	40,977	26.3	142.4	10.94	12.1
11-1	11/11/1997	0:00	2:45	20.68	8.21	40,977	26.3	140.4	10.79	12.1
11-1	11/11/1997	0:00	3:00	20.69	8.21	41,018	26.3	139.2	10.70	12.1
11-1	11/11/1997	0:00	3:15	20.69	8.21	41,018	26.3	138.2	10.61	12.1
11-1	11/11/1997	0:00	3:30	20.69	8.21	41,018	26.3	137.5	10.57	12.1
11-1	11/11/1997	0:00	3:45	20.69	8.20	41,018	26.3	136.8	10.51	12.1
11-1	11/11/1997	0:00	4:00	20.67	8.20	41,017	26.3	135.6	10.42	12.1
11-1	11/11/1997	0:00	4:15	20.66	8.20	41,028	26.3	135.9	10.44	12.1
11-1	11/11/1997	0:00	4:30	20.64	8.20	41,026	26.3	136.3	10.48	12.1
11-1	11/11/1997	0:00	4:45	20.59	8.21	40,972	26.3	136.5	10.51	12.2
11-1	11/11/1997	0:00	5:00	20.60	8.22	40,911	26.2	137.0	10.55	12.1
11-1	11/11/1997	0:00	5:15	20.57	8.23	40,909	26.2	138.9	10.70	12.1
11-1	11/11/1997	0:00	5:30	20.60	8.22	40,911	26.2	138.9	10.69	12.1
11-1	11/11/1997	0:00	5:45	20.60	8.22	40,911	26.2	137.3	10.57	12.1
11-1	11/11/1997	0:00	6:00	20.62	8.23	40,911	26.2	138.6	10.67	12.0
11-1	11/11/1997	0:00	6:15	20.57	8.23	40,920	26.2	139.9	10.78	12.0
11-1	11/11/1997	0:00	6:30	20.58	8.23	40,910	26.2	140.0	10.78	12.0
11-1	11/11/1997	0:00	6:45	20.57	8.20	40,960	26.3	137.5	10.59	11.9
11-1	11/11/1997	0:00	7:00	20.64	8.17	40,964	26.3	130.9	10.07	12.0
11-1	11/11/1997	0:00	7:15	20.62	8.16	40,963	26.3	128.4	9.88	12.0
11-1	11/11/1997	0:00	7:30	20.61	8.16	41,024	26.3	127.8	9.84	12.1
11-1	11/11/1997	0:00	7:45	20.60	8.15	41,014	26.3	127.2	9.79	12.1
11-1	11/11/1997	0:00	8:00	20.58	8.15	41,013	26.3	127.1	9.79	12.0
11-1	11/11/1997	0:00	8:15	20.58	8.13	40,961	26.3	125.9	9.70	12.0
11-1	11/11/1997	0:00	8:30	20.60	8.13	41,116	26.4	126.3	9.72	12.0
11-1	11/11/1997	0:00	8:45	20.60	8.14	41,116	26.4	126.9	9.76	12.0
11-1	11/11/1997	0:00	9:00	20.59	8.13	41,127	26.4	127.0	9.77	12.0
11-1	11/11/1997	0:00	9:15	20.63	8.12	41,129	26.4	127.0	9.76	12.0
11-1	11/11/1997	0:00	9:30	20.64	8.12	41,119	26.4	127.1	9.77	12.0
11-1	11/11/1997	0:00	9:45	20.65	8.12	41,171	26.4	127.2	9.77	12.0
11-1	11/11/1997	0:00	10:00	20.64	8.11	41,181	26.4	127.7	9.81	12.0
11-1	11/11/1997	0:00	10:15	20.64	8.11	41,181	26.4	128.2	9.85	12.0
11-1	11/11/1997	0:00	10:30	20.68	8.11	41,183	26.4	128.6	9.88	12.0
11-1	11/11/1997	0:00	10:45	20.69	8.12	41,173	26.4	129.3	9.93	12.0
11-1	11/11/1997	0:00	11:00	20.74	8.11	41,124	26.4	129.4	9.93	12.0
13-1	12/10/1997	0:00	7:00	18.97	7.69	36,600	23.2	82.7	6.68	14.1
13-1	12/10/1997	0:00	7:15	18.98	7.71	36,700	23.2	80.9	6.53	14.1

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
13-1	12/10/1997	0:00	7:30	18.98	7.71	37,100	23.5	84.5	6.80	14.1
13-1	12/10/1997	0:00	7:45	18.98	7.73	37,400	23.7	84.0	6.76	14.1
13-1	12/10/1997	0:00	8:00	18.97	7.73	37,600	23.8	81.5	6.55	14.1
13-1	12/10/1997	0:00	8:15	19.00	7.73	37,500	23.8	82.4	6.62	14.1
13-1	12/10/1997	0:00	8:30	18.98	7.73	37,900	24.0	81.2	6.52	14.0
13-1	12/10/1997	0:00	8:45	18.96	7.70	38,200	24.3	80.1	6.43	14.0
13-1	12/10/1997	0:00	9:00	18.95	7.72	38,100	24.2	81.6	6.55	14.0
13-1	12/10/1997	0:00	9:15	18.97	7.75	38,500	24.5	80.5	6.45	14.0
13-1	12/10/1997	0:00	9:30	18.93	7.71	38,800	24.7	82.1	6.57	14.0
13-1	12/10/1997	0:00	9:45	18.94	7.73	38,900	24.8	79.5	6.36	14.0
13-1	12/10/1997	0:00	10:00	18.91	7.73	39,100	25.0	81.3	6.50	13.9
13-1	12/10/1997	0:00	10:15	18.93	7.72	39,200	25.0	83.9	6.71	14.0
13-1	12/10/1997	0:00	10:30	18.89	7.80	39,700	25.3	80.2	6.40	13.9
13-1	12/10/1997	0:00	10:45	18.97	7.75	39,500	25.2	84.4	6.73	13.9
13-1	12/10/1997	0:00	11:00	19.30	7.74	38,600	24.6	84.2	6.70	13.9
13-1	12/10/1997	0:00	11:15	19.62	7.74	38,100	24.2	84.5	6.69	13.9
13-1	12/10/1997	0:00	11:30	19.24	7.78	39,000	24.9	81.7	6.49	13.9
13-1	12/10/1997	0:00	11:45	19.49	7.77	38,400	24.4	87.3	6.92	13.9
13-1	12/10/1997	0:00	12:00	19.54	7.80	38,200	24.3	91.6	7.26	13.8
13-1	12/10/1997	0:00	12:15	19.44	7.81	38,600	24.6	91.5	7.26	13.8
13-1	12/10/1997	0:00	12:30	19.56	7.78	38,400	24.4	92.7	7.34	13.8
13-1	12/10/1997	0:00	12:45	19.79	7.82	37,700	23.9	91.0	7.20	13.8
13-1	12/10/1997	0:00	13:00	19.86	7.83	35,800	22.6	104.5	8.31	13.8
13-1	12/10/1997	0:00	13:15	20.78	7.87	32,500	20.3	98.5	7.81	13.8
13-1	12/10/1997	0:00	13:30	20.93	7.85	32,500	20.3	103.2	8.15	13.8
13-1	12/10/1997	0:00	13:45	21.31	7.86	33,100	20.7	102.9	8.06	13.8
13-1	12/10/1997	0:00	14:00	21.19	7.87	32,900	20.6	101.5	7.97	13.8
13-1	12/10/1997	0:00	14:15	20.65	7.85	33,200	20.7	105.7	8.37	13.8
13-1	12/10/1997	0:00	14:30	20.93	7.90	32,500	20.3	101.9	8.05	13.8
13-1	12/10/1997	0:00	14:45	20.72	7.86	32,700	20.4	104.9	8.32	13.7
13-1	12/10/1997	0:00	15:00	21.01	7.87	32,200	20.1	103.7	8.19	13.7
13-1	12/10/1997	0:00	15:15	21.01	7.89	32,600	20.3	106.5	8.40	13.7
13-1	12/10/1997	0:00	15:30	21.19	7.95	32,700	20.4	102.9	8.09	13.7
13-1	12/10/1997	0:00	15:45	21.32	7.94	32,500	20.3	106.7	8.37	13.7
13-1	12/10/1997	0:00	16:00	21.34	7.90	32,400	20.2	110.6	8.68	13.8
13-1	12/10/1997	0:00	16:15	21.35	7.91	32,300	20.1	108.3	8.50	13.7
13-1	12/10/1997	0:00	16:30	20.26	7.84	33,800	21.2	102.8	8.18	13.7
13-1	12/10/1997	0:00	16:45	20.17	7.84	34,100	21.4	97.7	7.79	13.7
13-1	12/10/1997	0:00	17:00	19.94	7.86	35,100	22.1	86.9	6.93	13.8
13-1	12/10/1997	0:00	17:15	19.99	7.86	35,300	22.2	88.8	7.06	13.6
13-1	12/10/1997	0:00	17:30	20.04	7.84	35,700	22.5	100.1	7.94	13.6
13-1	12/10/1997	0:00	17:45	19.77	7.85	37,500	23.8	94.6	7.49	13.6
13-1	12/10/1997	0:00	18:00	19.64	7.84	38,200	24.3	91.1	7.21	13.6
13-1	12/10/1997	0:00	18:15	19.61	7.86	39,400	25.1	89.9	7.09	13.6
13-1	12/10/1997	0:00	18:30	19.71	7.84	39,700	25.3	88.9	6.98	13.6
13-1	12/10/1997	0:00	18:45	19.63	7.85	39,800	25.4	88.5	6.96	13.6
13-1	12/10/1997	0:00	19:00	19.66	7.85	40,000	25.5	88.3	6.93	13.6
13-1	12/10/1997	0:00	19:15	19.71	7.84	40,000	25.5	86.9	6.82	13.6
13-1	12/10/1997	0:00	19:30	19.80	7.84	40,000	25.6	91.9	7.20	13.6

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
13-1	12/10/1997	0:00	19:45	19.83	7.86	40,000	25.5	92.5	7.24	13.6
13-1	12/10/1997	0:00	20:00	19.90	7.86	40,100	25.6	91.2	7.13	13.5
13-1	12/10/1997	0:00	20:15	19.94	7.85	40,000	25.6	90.8	7.09	13.6
13-1	12/10/1997	0:00	20:30	19.90	7.85	40,100	25.7	89.5	6.99	13.6
13-1	12/10/1997	0:00	20:45	19.87	7.84	40,200	25.7	88.7	6.93	13.5
13-1	12/10/1997	0:00	21:00	19.85	7.84	40,300	25.8	89.2	6.97	13.5
13-1	12/10/1997	0:00	21:15	19.78	7.85	40,600	26.0	83.2	6.50	13.7
13-1	12/10/1997	0:00	21:30	19.75	7.84	40,700	26.1	80.4	6.28	13.5
13-1	12/10/1997	0:00	21:45	19.75	7.85	40,600	26.0	77.8	6.08	13.5
13-1	12/10/1997	0:00	22:00	19.85	7.82	40,600	26.0	77.1	6.02	13.5
13-1	12/10/1997	0:00	22:15	19.83	7.84	40,600	26.0	81.9	6.39	13.5
13-1	12/10/1997	0:00	22:30	19.72	7.84	40,900	26.2	78.6	6.14	13.5
13-1	12/10/1997	0:00	22:45	19.73	7.83	40,700	26.1	79.2	6.19	13.5
13-1	12/10/1997	0:00	23:00	19.95	7.84	39,400	25.1	84.8	6.64	13.5
13-1	12/10/1997	0:00	23:15	19.90	7.86	39,900	25.5	75.1	5.87	13.5
13-1	12/10/1997	0:00	23:30	20.26	7.85	37,800	24.0	74.2	5.82	13.5
13-1	12/10/1997	0:00	23:45	20.27	7.82	38,000	24.1	74.0	5.79	13.5
13-1	12/10/1997	0:00	0:00	20.69	7.85	34,300	21.5	80.3	6.33	13.5
13-1	12/11/1997	0:00	0:15	20.77	7.84	33,700	21.1	71.2	5.61	13.5
13-1	12/11/1997	0:00	0:30	20.81	7.82	33,600	21.1	69.4	5.47	13.4
13-1	12/11/1997	0:00	0:45	20.78	7.82	33,700	21.1	72.8	5.74	13.4
13-1	12/11/1997	0:00	1:00	20.78	7.81	33,800	21.2	68.8	5.42	13.5
13-1	12/11/1997	0:00	1:15	20.80	7.83	33,500	21.0	70.8	5.59	13.5
13-1	12/11/1997	0:00	1:30	20.82	7.82	33,500	20.9	71.0	5.60	13.4
13-1	12/11/1997	0:00	1:45	20.80	7.81	33,500	21.0	68.4	5.40	13.4
13-1	12/11/1997	0:00	2:00	20.78	7.81	33,600	21.1	68.0	5.37	13.4
13-1	12/11/1997	0:00	2:15	20.80	7.81	33,600	21.0	66.2	5.22	13.4
13-1	12/11/1997	0:00	2:30	20.79	7.81	33,700	21.1	67.9	5.35	13.4
13-1	12/11/1997	0:00	2:45	20.78	7.82	33,600	21.0	68.3	5.39	13.4
13-1	12/11/1997	0:00	3:00	20.79	7.82	33,500	21.0	69.6	5.49	13.4
13-1	12/11/1997	0:00	3:15	20.80	7.82	33,500	21.0	66.8	5.27	13.4
13-1	12/11/1997	0:00	3:30	20.84	7.81	33,400	20.9	68.6	5.41	13.4
13-1	12/11/1997	0:00	3:45	20.85	7.81	33,300	20.8	69.5	5.48	13.4
13-1	12/11/1997	0:00	4:00	20.86	7.80	33,300	20.9	70.4	5.56	13.4
13-1	12/11/1997	0:00	4:15	20.91	7.80	33,000	20.7	69.7	5.50	13.4
13-1	12/11/1997	0:00	4:30	20.97	7.78	32,600	20.4	67.7	5.35	13.4
13-1	12/11/1997	0:00	4:45	20.87	7.80	32,800	20.5	70.3	5.56	13.4
13-1	12/11/1997	0:00	5:00	20.92	7.81	32,600	20.3	69.8	5.52	13.4
13-1	12/11/1997	0:00	5:15	20.88	7.79	32,300	20.2	69.4	5.50	13.4
13-1	12/11/1997	0:00	5:30	20.85	7.79	31,600	19.7	64.1	5.09	13.4
13-1	12/11/1997	0:00	5:45	20.84	7.78	31,500	19.6	62.5	4.97	13.4
13-1	12/11/1997	0:00	6:00	20.80	7.75	30,300	18.7	71.6	5.73	13.3
13-1	12/11/1997	0:00	6:15	20.81	7.76	30,200	18.7	67.4	5.39	13.4
13-1	12/11/1997	0:00	6:30	20.82	7.76	30,400	18.8	71.3	5.70	13.4
13-1	12/11/1997	0:00	6:45	20.81	7.75	29,900	18.5	69.8	5.59	13.4
13-1	12/11/1997	0:00	7:00	20.69	7.77	31,400	19.5	67.0	5.34	13.4
13-1	12/11/1997	0:00	7:15	20.71	7.76	30,600	18.9	66.5	5.32	13.3
13-1	12/11/1997	0:00	7:30	20.67	7.75	31,000	19.2	71.5	5.71	13.3
13-1	12/11/1997	0:00	7:45	20.62	7.75	31,400	19.5	69.8	5.57	13.3

Table 4. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µmS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
13-1	12/11/1997	0:00	8:00	20.44	7.74	33,300	20.9	73.7	5.86	13.4
13-1	12/11/1997	0:00	8:15	20.27	7.74	35,500	22.4	72.0	5.69	13.3
13-1	12/11/1997	0:00	8:30	20.26	7.78	36,100	22.8	69.9	5.52	13.3
13-1	12/11/1997	0:00	8:45	20.17	7.78	37,700	23.9	71.1	5.58	13.4
13-1	12/11/1997	0:00	9:00	20.20	7.78	37,600	23.9	70.1	5.50	13.3
13-1	12/11/1997	0:00	9:15	20.20	7.80	37,600	23.9	71.2	5.59	13.3
13-1	12/11/1997	0:00	9:30	20.20	7.80	37,900	24.0	72.2	5.66	13.3
13-1	12/11/1997	0:00	9:45	20.20	7.80	38,000	24.1	72.1	5.65	13.3
13-1	12/11/1997	0:00	10:00	20.20	7.80	38,100	24.2	73.7	5.77	13.3
13-1	12/11/1997	0:00	10:15	20.20	7.81	38,200	24.3	70.7	5.54	13.3
13-1	12/11/1997	0:00	10:30	20.20	7.85	38,500	24.5	74.5	5.82	13.3
13-1	12/11/1997	0:00	10:45	20.21	7.83	38,600	24.6	75.1	5.86	13.3
13-1	12/11/1997	0:00	11:00	20.22	7.86	38,700	24.6	77.0	6.01	13.3
13-1	12/11/1997	0:00	11:15	20.21	7.88	38,900	24.8	77.5	6.05	13.3
13-1	12/11/1997	0:00	11:30	20.17	7.93	39,300	25.0	75.0	5.85	13.3
13-1	12/11/1997	0:00	11:45	20.16	7.97	39,500	25.2	77.4	6.03	13.2
13-1	12/11/1997	0:00	12:00	20.15	7.95	39,600	25.3	73.3	5.71	13.2
13-1	12/11/1997	0:00	12:15	20.16	7.99	39,500	25.2	75.2	5.85	13.2
13-1	12/11/1997	0:00	12:30	20.21	7.94	39,400	25.1	81.0	6.31	13.2

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
MU-1	1/7/1997	0:00	14:15	22.42	6.89	412	0.2	85.0	7.36	14.7
MU-1	1/7/1997	0:00	14:30	22.46	6.90	412	0.2	83.8	7.25	14.7
MU-1	1/7/1997	0:00	14:45	22.53	6.91	418	0.2	84.0	7.26	14.7
MU-1	1/7/1997	0:00	15:00	22.49	6.92	423	0.2	83.7	7.24	14.6
MU-1	1/7/1997	0:00	15:15	22.48	6.92	433	0.2	83.7	7.24	14.6
MU-1	1/7/1997	0:00	15:30	22.48	6.92	438	0.2	83.4	7.22	14.6
MU-1	1/7/1997	0:00	15:45	22.44	6.93	446	0.2	83.2	7.20	14.6
MU-1	1/7/1997	0:00	16:00	22.47	6.93	447	0.2	83.1	7.19	14.6
MU-1	1/7/1997	0:00	16:15	22.44	6.94	458	0.2	82.9	7.18	14.6
MU-1	1/7/1997	0:00	16:30	22.48	6.94	465	0.2	82.9	7.17	14.6
MU-1	1/7/1997	0:00	16:45	22.50	6.94	461	0.2	82.7	7.15	14.6
MU-1	1/7/1997	0:00	17:00	22.49	6.94	468	0.2	82.8	7.16	14.5
MU-1	1/7/1997	0:00	17:15	22.51	6.94	492	0.2	82.5	7.13	14.5
MU-1	1/7/1997	0:00	17:30	22.52	6.94	490	0.2	82.3	7.11	14.6
MU-1	1/7/1997	0:00	17:45	22.51	6.94	497	0.3	81.9	7.08	14.5
MU-1	1/7/1997	0:00	18:00	22.51	6.94	508	0.3	82.0	7.09	14.5
MU-1	1/7/1997	0:00	18:15	22.51	6.95	528	0.3	81.5	7.05	14.5
MU-1	1/7/1997	0:00	18:30	22.49	6.94	523	0.3	81.2	7.02	14.5
MU-1	1/7/1997	0:00	18:45	22.52	6.95	538	0.3	81.4	7.03	14.4
MU-1	1/7/1997	0:00	19:00	22.49	6.94	529	0.3	81.1	7.01	14.5
MU-1	1/7/1997	0:00	19:15	22.46	6.94	521	0.3	81.2	7.02	14.4
MU-1	1/7/1997	0:00	19:30	22.42	6.94	522	0.3	81.4	7.05	14.5
MU-1	1/7/1997	0:00	19:45	22.40	6.95	509	0.3	81.1	7.02	14.4
MU-1	1/7/1997	0:00	20:00	22.38	6.95	497	0.3	81.7	7.08	14.4
MU-1	1/7/1997	0:00	20:15	22.36	6.95	493	0.2	81.8	7.09	14.4
MU-1	1/7/1997	0:00	20:30	22.35	6.95	486	0.2	81.5	7.06	14.4
MU-1	1/7/1997	0:00	20:45	22.32	6.95	480	0.2	81.3	7.06	14.4
MU-1	1/7/1997	0:00	21:00	22.30	6.95	474	0.2	81.3	7.05	14.4
MU-1	1/7/1997	0:00	21:15	22.28	6.94	471	0.2	80.9	7.03	14.4
MU-1	1/7/1997	0:00	21:30	22.26	6.95	463	0.2	81.0	7.03	14.4
MU-1	1/7/1997	0:00	21:45	22.25	6.94	458	0.2	80.7	7.01	14.3
MU-1	1/7/1997	0:00	22:00	22.23	6.95	456	0.2	80.1	6.96	14.3
MU-1	1/7/1997	0:00	22:15	22.23	6.95	457	0.2	80.4	6.98	14.3
MU-1	1/7/1997	0:00	22:30	22.20	6.95	471	0.2	79.9	6.95	14.3
MU-1	1/7/1997	0:00	22:45	22.22	6.94	460	0.2	80.6	7.01	14.3
MU-1	1/7/1997	0:00	23:00	22.19	6.92	465	0.2	80.3	6.99	14.3
MU-1	1/7/1997	0:00	23:15	22.20	6.94	473	0.2	80.4	6.99	14.3
MU-1	1/7/1997	0:00	23:30	22.19	6.93	480	0.2	80.1	6.96	14.3
MU-1	1/7/1997	0:00	23:45	22.18	6.88	484	0.2	80.1	6.97	14.3
MU-1	1/8/1997	0:00	0:00	22.17	6.94	499	0.3	80.0	6.96	14.3
MU-1	1/8/1997	0:00	0:15	22.20	6.93	515	0.3	79.7	6.93	14.2
MU-1	1/8/1997	0:00	0:30	22.19	6.94	531	0.3	79.5	6.91	14.2
MU-1	1/8/1997	0:00	0:45	22.21	6.93	538	0.3	79.3	6.89	14.2
MU-1	1/8/1997	0:00	1:00	22.21	6.92	557	0.3	79.6	6.91	14.2
MU-1	1/8/1997	0:00	1:15	22.25	6.95	584	0.3	79.5	6.90	14.2
MU-1	1/8/1997	0:00	1:30	22.21	6.95	588	0.3	79.7	6.92	14.2
MU-1	1/8/1997	0:00	1:45	22.26	6.94	656	0.3	79.8	6.92	14.2
MU-1	1/8/1997	0:00	2:00	22.33	6.96	706	0.4	79.7	6.91	14.2
MU-1	1/8/1997	0:00	2:15	22.37	6.95	766	0.4	79.3	6.86	14.2

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
MU-1	1/8/1997	0:00	2:30	22.39	6.94	831	0.4	79.5	6.88	14.2
MU-1	1/8/1997	0:00	2:45	22.35	6.94	854	0.4	79.4	6.88	14.2
MU-1	1/8/1997	0:00	3:00	22.42	6.94	952	0.5	79.6	6.88	14.2
MU-1	1/8/1997	0:00	3:15	22.46	6.94	1035	0.5	79.5	6.87	14.2
MU-1	1/8/1997	0:00	3:30	22.52	6.94	1147	0.6	79.5	6.85	14.2
MU-1	1/8/1997	0:00	3:45	22.55	6.92	1262	0.7	79.4	6.84	14.1
MU-1	1/8/1997	0:00	4:00	22.57	6.95	1358	0.7	79.6	6.85	14.1
MU-1	1/8/1997	0:00	4:15	22.58	6.95	1422	0.8	79.6	6.85	14.1
MU-1	1/8/1997	0:00	4:30	22.55	6.94	1418	0.8	78.2	6.73	14.1
MU-1	1/8/1997	0:00	4:45	22.58	6.95	1438	0.8	79.1	6.80	14.1
MU-1	1/8/1997	0:00	5:00	22.53	6.95	1382	0.7	79.1	6.81	14.1
MU-1	1/8/1997	0:00	5:15	22.39	6.95	1219	0.6	78.9	6.82	14.1
MU-1	1/8/1997	0:00	5:30	22.36	6.96	1143	0.6	79.0	6.83	14.1
MU-1	1/8/1997	0:00	5:45	22.28	6.95	1049	0.5	79.0	6.85	14.1
MU-1	1/8/1997	0:00	6:00	22.21	6.95	1016	0.5	78.7	6.83	14.1
MU-1	1/8/1997	0:00	6:15	22.18	6.96	932	0.5	78.8	6.84	14.1
MU-1	1/8/1997	0:00	6:30	22.14	6.95	880	0.5	78.5	6.83	14.1
MU-1	1/8/1997	0:00	6:45	22.09	6.95	845	0.4	78.4	6.83	14.0
MU-1	1/8/1997	0:00	7:00	22.05	6.95	788	0.4	78.4	6.83	14.1
MU-1	1/8/1997	0:00	7:15	22.01	6.95	749	0.4	78.2	6.82	14.0
MU-1	1/8/1997	0:00	7:30	21.96	6.95	719	0.4	78.0	6.81	14.0
MU-1	1/8/1997	0:00	7:45	21.94	6.95	673	0.3	77.9	6.80	14.0
MU-1	1/8/1997	0:00	8:00	21.89	6.95	645	0.3	77.8	6.80	14.0
MU-1	1/8/1997	0:00	8:15	21.88	6.95	612	0.3	77.7	6.79	14.0
MU-1	1/8/1997	0:00	8:30	21.85	6.95	589	0.3	77.7	6.80	14.0
MU-1	1/8/1997	0:00	8:45	21.82	6.95	577	0.3	77.8	6.81	14.0
MU-1	1/8/1997	0:00	9:00	21.81	6.95	550	0.3	77.6	6.80	14.0
MU-1	1/8/1997	0:00	9:15	21.81	6.95	533	0.3	77.9	6.82	14.0
MU-1	1/8/1997	0:00	9:30	21.79	6.95	517	0.3	77.8	6.82	14.0
MU-1	1/8/1997	0:00	9:45	21.78	6.95	507	0.3	78.0	6.83	14.0
MU-1	1/8/1997	0:00	10:00	21.77	6.94	495	0.3	77.9	6.83	14.0
MU-1	1/8/1997	0:00	10:15	21.77	6.94	484	0.2	77.9	6.83	14.0
MU-1	1/8/1997	0:00	10:30	21.78	6.94	475	0.2	78.0	6.83	13.9
MU-1	1/8/1997	0:00	10:45	21.79	6.95	466	0.2	78.0	6.84	13.9
MU-1	1/8/1997	0:00	11:00	21.80	6.94	459	0.2	77.9	6.83	13.9
MU-1	1/8/1997	0:00	11:15	21.84	6.94	450	0.2	78.2	6.85	13.9
MU-1	1/8/1997	0:00	11:30	21.87	6.94	443	0.2	78.2	6.85	13.9
MU-1	1/8/1997	0:00	11:45	21.90	6.94	436	0.2	78.1	6.83	13.9
MU-1	1/8/1997	0:00	12:00	21.98	6.94	431	0.2	78.3	6.84	13.9
MU-1	1/8/1997	0:00	12:15	22.04	6.94	425	0.2	78.5	6.85	13.9
MU-1	1/8/1997	0:00	12:30	22.08	6.94	419	0.2	78.7	6.86	13.9
MU-1	1/8/1997	0:00	12:45	22.10	6.94	414	0.2	78.7	6.86	13.9
MU-1	1/8/1997	0:00	13:00	22.16	6.94	410	0.2	78.8	6.86	13.9
MU-1	1/8/1997	0:00	13:15	22.21	6.93	406	0.2	78.8	6.86	13.9
MU-1	1/8/1997	0:00	13:30	22.26	6.93	404	0.2	78.6	6.83	13.8
MU-1	1/8/1997	0:00	13:45	22.33	6.93	402	0.2	77.7	6.74	13.9
MU-1	1/8/1997	0:00	14:00	22.33	6.94	406	0.2	78.0	6.77	13.9
MU-1	1/8/1997	0:00	14:15	22.55	6.95	437	0.2	78.7	6.80	13.9

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
16-5	2/11/1997	0:00	12:30	18.74	7.78	44,874	29.1	124.2	9.68	13.7
16-5	2/11/1997	0:00	12:45	18.50	7.80	45,543	29.6	126.1	9.85	13.7
16-5	2/11/1997	0:00	13:00	18.62	7.84	45,767	29.7	134.5	10.47	13.7
16-5	2/11/1997	0:00	13:15	18.69	7.87	46,047	29.9	139.5	10.83	13.7
16-5	2/11/1997	0:00	13:30	18.76	7.90	46,215	30.1	143.4	11.11	13.7
16-5	2/11/1997	0:00	13:45	18.86	7.90	46,216	30.1	146.2	11.30	13.6
16-5	2/11/1997	0:00	14:00	18.93	7.92	46,328	30.1	147.3	11.37	13.6
16-5	2/11/1997	0:00	14:15	18.94	7.92	46,496	30.3	150.1	11.57	13.7
16-5	2/11/1997	0:00	14:30	18.93	7.93	46,552	30.3	151.8	11.71	13.6
16-5	2/11/1997	0:00	14:45	18.93	7.93	46,608	30.3	151.4	11.67	13.6
16-5	2/11/1997	0:00	15:00	19.05	7.94	46,498	30.3	152.4	11.73	13.6
16-5	2/11/1997	0:00	15:15	19.08	7.94	46,554	30.3	152.8	11.75	13.6
16-5	2/11/1997	0:00	15:30	19.03	7.94	46,554	30.3	153.5	11.82	13.6
16-5	2/11/1997	0:00	15:45	18.99	7.95	46,609	30.3	152.7	11.75	13.6
16-5	2/11/1997	0:00	16:00	18.99	7.96	46,609	30.3	151.8	11.69	13.6
16-5	2/11/1997	0:00	16:15	19.06	7.97	46,610	30.3	151.1	11.62	13.6
16-5	2/11/1997	0:00	16:30	19.08	7.99	46,610	30.3	153.3	11.78	13.6
16-5	2/11/1997	0:00	16:45	19.05	8.00	46,610	30.3	154.6	11.89	13.6
16-5	2/11/1997	0:00	17:00	18.93	7.99	46,664	30.4	152.4	11.75	13.5
16-5	2/11/1997	0:00	17:15	19.18	8.03	46,389	30.2	159.4	12.24	13.5
16-5	2/11/1997	0:00	17:30	18.99	8.01	46,554	30.3	157.3	12.11	13.5
16-5	2/11/1997	0:00	17:45	19.07	8.02	46,343	30.1	157.7	12.14	13.5
16-5	2/11/1997	0:00	18:00	19.12	8.08	45,897	29.8	165.3	12.73	13.5
16-5	2/11/1997	0:00	18:15	18.98	8.07	45,771	29.7	165.9	12.83	13.5
16-5	2/11/1997	0:00	18:30	18.88	8.06	45,714	29.7	162.3	12.58	13.5
16-5	2/11/1997	0:00	18:45	18.82	8.04	45,601	29.6	159.2	12.35	13.6
16-5	2/11/1997	0:00	19:00	18.67	8.04	45,544	29.6	156.1	12.15	13.5
16-5	2/11/1997	0:00	19:15	18.77	8.01	45,545	29.6	151.6	11.78	13.5
16-5	2/11/1997	0:00	19:30	18.70	8.01	45,600	29.6	149.4	11.62	13.5
16-5	2/11/1997	0:00	19:45	18.64	8.02	45,767	29.7	150.1	11.68	13.5
16-5	2/11/1997	0:00	20:00	18.58	8.01	45,656	29.6	149.0	11.61	13.5
16-5	2/11/1997	0:00	20:15	18.60	8.01	45,656	29.6	147.8	11.52	13.4
16-5	2/11/1997	0:00	20:30	18.62	8.01	45,600	29.6	147.0	11.45	13.4
16-5	2/11/1997	0:00	20:45	18.55	8.01	45,544	29.6	146.9	11.46	13.4
16-5	2/11/1997	0:00	21:00	18.50	8.02	45,488	29.5	147.3	11.51	13.4
16-5	2/11/1997	0:00	21:15	18.47	8.02	45,432	29.5	147.3	11.52	13.4
16-5	2/11/1997	0:00	21:30	18.47	8.01	45,376	29.4	146.7	11.47	13.4
16-5	2/11/1997	0:00	21:45	18.43	8.01	45,376	29.4	146.1	11.44	13.4
16-5	2/11/1997	0:00	22:00	18.35	8.01	45,321	29.4	145.9	11.44	13.4
16-5	2/11/1997	0:00	22:15	18.28	8.01	45,265	29.4	144.6	11.36	13.4
16-5	2/11/1997	0:00	22:30	18.26	8.00	45,153	29.3	143.1	11.25	13.4
16-5	2/11/1997	0:00	22:45	18.29	7.99	45,097	29.2	141.9	11.15	13.4
16-5	2/11/1997	0:00	23:00	18.33	7.99	45,041	29.2	141.1	11.08	13.3
16-5	2/11/1997	0:00	23:15	18.35	7.99	45,041	29.2	140.9	11.06	13.4
16-5	2/11/1997	0:00	23:30	18.31	7.99	45,097	29.2	141.2	11.09	13.3
16-5	2/11/1997	0:00	23:45	17.92	7.99	45,157	29.3	138.8	10.99	13.3
16-5	2/12/1997	0:00	0:00	18.04	7.99	45,267	29.4	137.8	10.87	13.3
16-5	2/12/1997	0:00	0:15	18.01	7.99	45,268	29.4	137.9	10.89	13.3
16-5	2/12/1997	0:00	0:30	18.11	7.99	45,322	29.4	137.3	10.82	13.3

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
16-5	2/12/1997	0:00	0:45	18.12	7.99	45,322	29.4	137.5	10.83
16-5	2/12/1997	0:00	1:00	17.92	7.99	45,436	29.5	138.4	10.94
16-5	2/12/1997	0:00	1:15	18.03	7.99	45,447	29.5	137.7	10.86
16-5	2/12/1997	0:00	1:30	18.09	7.99	45,546	29.6	137.4	10.82
16-5	2/12/1997	0:00	1:45	18.04	7.99	45,938	29.8	138.5	10.90
16-5	2/12/1997	0:00	2:00	17.80	8.01	46,389	30.2	143.2	11.30
16-5	2/12/1997	0:00	2:15	17.73	8.01	46,502	30.3	143.8	11.36
16-5	2/12/1997	0:00	2:30	17.67	8.01	46,672	30.4	144.9	11.45
16-5	2/12/1997	0:00	2:45	17.63	8.01	46,728	30.4	145.3	11.48
16-5	2/12/1997	0:00	3:00	17.62	8.01	46,785	30.5	145.2	11.48
16-5	2/12/1997	0:00	3:15	17.58	8.01	46,841	30.5	145.1	11.47
16-5	2/12/1997	0:00	3:30	17.51	8.01	46,731	30.4	144.2	11.42
16-5	2/12/1997	0:00	3:45	17.51	8.01	46,787	30.5	144.3	11.43
16-5	2/12/1997	0:00	4:00	17.43	8.00	46,790	30.5	143.3	11.37
16-5	2/12/1997	0:00	4:15	17.51	8.01	46,899	30.6	143.2	11.34
16-5	2/12/1997	0:00	4:30	17.45	8.01	46,845	30.5	143.7	11.40
16-5	2/12/1997	0:00	4:45	17.45	8.01	46,845	30.5	135.2	10.72
16-5	2/12/1997	0:00	5:00	17.43	8.01	46,902	30.6	141.1	11.19
16-5	2/12/1997	0:00	5:15	17.18	8.00	46,799	30.5	141.3	11.27
16-5	2/12/1997	0:00	5:30	17.40	8.00	46,847	30.5	141.0	11.19
16-5	2/12/1997	0:00	5:45	17.50	8.00	46,844	30.5	141.9	11.24
16-5	2/12/1997	0:00	6:00	17.41	7.99	46,679	30.4	138.7	11.01
16-5	2/12/1997	0:00	6:15	17.40	7.99	46,679	30.4	138.3	10.99
16-5	2/12/1997	0:00	6:30	16.82	7.98	46,256	30.1	135.1	10.87
16-5	2/12/1997	0:00	6:45	16.87	7.98	46,197	30.0	133.8	10.77
16-5	2/12/1997	0:00	7:00	16.89	7.98	46,141	30.0	134.1	10.79
16-5	2/12/1997	0:00	7:15	16.92	7.98	46,139	30.0	134.9	10.84
16-5	2/12/1997	0:00	7:30	16.84	7.98	46,199	30.0	135.5	10.91
16-5	2/12/1997	0:00	7:45	16.87	7.97	45,974	29.9	135.1	10.88
16-5	2/12/1997	0:00	8:00	16.82	7.97	45,976	29.9	135.1	10.89
16-5	2/12/1997	0:00	8:15	16.86	7.96	45,919	29.8	134.4	10.83
16-5	2/12/1997	0:00	8:30	16.87	7.95	45,974	29.9	134.5	10.83
16-5	2/12/1997	0:00	8:45	16.96	7.95	45,914	29.8	134.9	10.85
16-5	2/12/1997	0:00	9:00	16.97	7.94	45,913	29.8	135.1	10.86
16-5	2/12/1997	0:00	9:15	17.01	7.94	45,855	29.8	135.1	10.86
16-5	2/12/1997	0:00	9:30	17.06	7.93	45,798	29.7	135.5	10.88
16-5	2/12/1997	0:00	9:45	17.06	7.94	45,741	29.7	136.8	10.99
16-5	2/12/1997	0:00	10:00	17.19	7.93	45,736	29.7	135.5	10.85
16-5	2/12/1997	0:00	10:15	17.23	7.93	45,734	29.7	135.5	10.84
16-5	2/12/1997	0:00	10:30	17.24	7.96	45,790	29.7	127.4	10.20
16-5	2/12/1997	0:00	10:45	17.32	7.92	45,688	29.7	131.3	10.49
16-5	2/12/1997	0:00	11:00	17.24	7.93	45,958	29.9	137.5	10.99
16-5	2/12/1997	0:00	11:15	17.35	7.93	45,954	29.9	139.8	11.15
16-5	2/12/1997	0:00	11:30	17.36	7.92	45,842	29.8	138.8	11.07
16-5	2/12/1997	0:00	11:45	17.38	7.93	45,841	29.8	137.3	10.95
16-5	2/12/1997	0:00	12:00	17.43	7.94	45,840	29.8	138.4	11.03
16-5	2/12/1997	0:00	12:15	17.43	7.92	45,840	29.8	137.8	10.98
16-5	2/12/1997	0:00	12:30	17.53	7.93	45,949	29.9	139.2	11.06
16-5	2/12/1997	0:00	12:45	17.63	7.94	46,113	30.0	141.2	11.19

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
16-5	2/12/1997	0:00	13:00	17.80	7.95	46,166	30.0	143.3	11.32
16-5	2/12/1997	0:00	13:15	17.94	7.96	46,498	30.3	147.3	11.58
16-5	2/12/1997	0:00	13:30	18.06	7.97	46,608	30.3	150.7	11.82
16-5	2/12/1997	0:00	13:45	18.16	7.97	46,718	30.4	151.7	11.86
16-5	2/12/1997	0:00	14:00	18.19	7.98	46,830	30.5	152.4	11.91
16-5	2/12/1997	0:00	14:15	18.35	7.99	46,829	30.5	152.8	11.90
16-5	2/12/1997	0:00	14:30	18.31	7.99	46,829	30.5	154.5	12.05
16-5	2/12/1997	0:00	14:45	18.45	7.99	46,829	30.5	153.2	11.91
16-5	2/12/1997	0:00	15:00	18.53	8.01	46,773	30.5	154.8	12.02
16-5	2/12/1997	0:00	15:15	18.45	8.01	46,829	30.5	154.6	12.02
14-4	3/11/1997	0:00	8:00	24.12	8.06	45,397	29.5	112.9	7.93
14-4	3/11/1997	0:00	8:15	24.08	8.07	45,448	29.5	113.0	7.94
14-4	3/11/1997	0:00	8:30	24.17	8.09	45,406	29.5	113.2	7.94
14-4	3/11/1997	0:00	8:45	24.21	8.09	45,411	29.5	113.9	7.98
14-4	3/11/1997	0:00	9:00	24.22	8.09	45,358	29.4	112.8	7.91
14-4	3/11/1997	0:00	9:15	24.24	8.10	45,360	29.4	113.3	7.94
14-4	3/11/1997	0:00	9:30	24.28	8.10	45,366	29.4	114.0	7.98
14-4	3/11/1997	0:00	9:45	24.39	8.11	45,383	29.4	117.0	8.18
14-4	3/11/1997	0:00	10:00	24.44	8.13	45,449	29.5	124.6	8.70
14-4	3/11/1997	0:00	10:15	24.66	8.15	45,429	29.5	129.3	8.99
14-4	3/11/1997	0:00	10:30	24.55	8.13	45,467	29.5	124.9	8.70
14-4	3/11/1997	0:00	10:45	24.60	8.12	45,576	29.6	120.8	8.40
14-4	3/11/1997	0:00	11:00	24.63	8.13	45,593	29.6	123.6	8.59
14-4	3/11/1997	0:00	11:15	24.70	8.13	45,605	29.6	125.4	8.71
14-4	3/11/1997	0:00	11:30	24.61	8.11	45,703	29.7	125.4	8.72
14-4	3/11/1997	0:00	11:45	24.66	8.12	45,713	29.7	126.0	8.75
14-4	3/11/1997	0:00	12:00	24.87	8.15	45,691	29.7	134.0	9.28
14-4	3/11/1997	0:00	12:15	24.83	8.14	45,741	29.7	131.0	9.07
14-4	3/11/1997	0:00	12:30	24.90	8.14	45,754	29.7	134.4	9.29
14-4	3/11/1997	0:00	12:45	24.90	8.13	45,754	29.7	128.8	8.91
14-4	3/11/1997	0:00	13:00	24.96	8.14	45,764	29.7	136.2	9.40
14-4	3/11/1997	0:00	13:15	25.03	8.13	45,777	29.7	131.1	9.04
14-4	3/11/1997	0:00	13:30	25.18	8.13	45,747	29.7	134.7	9.26
14-4	3/11/1997	0:00	13:45	25.27	8.15	45,708	29.7	130.3	8.95
14-4	3/11/1997	0:00	14:00	25.09	8.12	45,844	29.8	132.4	9.12
14-4	3/11/1997	0:00	14:15	25.12	8.12	45,851	29.8	129.8	8.94
14-4	3/11/1997	0:00	14:30	25.14	8.11	45,854	29.8	129.4	8.90
14-4	3/11/1997	0:00	14:45	25.27	8.10	45,878	29.8	132.4	9.08
14-4	3/11/1997	0:00	15:00	25.31	8.10	45,942	29.9	135.9	9.32
14-4	3/11/1997	0:00	15:15	25.27	8.08	45,935	29.8	128.9	8.85
14-4	3/11/1997	0:00	15:30	25.35	8.08	45,892	29.8	128.8	8.83
14-4	3/11/1997	0:00	15:45	25.35	8.09	45,892	29.8	128.2	8.78
14-4	3/11/1997	0:00	16:00	25.46	8.11	45,857	29.8	129.8	8.88
14-4	3/11/1997	0:00	16:15	25.70	8.16	45,790	29.7	142.3	9.70
14-4	3/11/1997	0:00	16:30	25.83	8.19	45,759	29.7	151.0	10.26
14-4	3/11/1997	0:00	16:45	25.91	8.20	45,717	29.7	151.7	10.30
14-4	3/11/1997	0:00	17:00	26.09	8.22	45,642	29.6	162.2	10.98
14-4	3/11/1997	0:00	17:15	26.15	8.24	45,597	29.6	163.2	11.04

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
14-4	3/11/1997	0:00	17:30	26.13	45,593	29.6	156.8	10.61	13.0
14-4	3/11/1997	0:00	17:45	26.09	45,642	29.6	156.9	10.62	13.0
14-4	3/11/1997	0:00	18:00	26.05	45,577	29.6	157.7	10.69	13.0
14-4	3/11/1997	0:00	18:15	26.04	45,573	29.6	153.2	10.39	13.0
14-4	3/11/1997	0:00	18:30	26.07	45,524	29.5	154.5	10.47	13.0
14-4	3/11/1997	0:00	18:45	26.05	45,520	29.5	157.0	10.64	13.0
14-4	3/11/1997	0:00	19:00	25.96	45,558	29.6	157.5	10.69	13.0
14-4	3/11/1997	0:00	19:15	25.92	45,550	29.6	156.7	10.65	13.0
14-4	3/11/1997	0:00	19:30	25.94	45,554	29.6	155.9	10.59	13.0
14-4	3/11/1997	0:00	19:45	25.98	45,505	29.5	155.7	10.57	13.0
14-4	3/11/1997	0:00	20:00	26.02	45,512	29.5	154.0	10.45	13.0
14-4	3/11/1997	0:00	20:15	26.02	45,455	29.5	152.2	10.33	13.0
14-4	3/11/1997	0:00	20:30	26.04	45,459	29.5	150.3	10.20	13.0
14-4	3/11/1997	0:00	20:45	26.04	45,459	29.5	148.2	10.05	13.0
14-4	3/11/1997	0:00	21:00	26.02	45,455	29.5	146.1	9.91	13.0
14-4	3/11/1997	0:00	21:15	25.98	45,447	29.5	144.4	9.81	13.0
14-4	3/11/1997	0:00	21:30	26.02	45,455	29.5	142.2	9.65	13.0
14-4	3/11/1997	0:00	21:45	26.05	45,520	29.5	142.1	9.63	12.9
14-4	3/11/1997	0:00	22:00	26.04	45,573	29.6	142.0	9.63	12.9
14-4	3/11/1997	0:00	22:15	26.00	45,394	29.5	140.0	9.51	13.0
14-4	3/11/1997	0:00	22:30	25.77	45,520	29.5	139.2	9.48	13.0
14-4	3/11/1997	0:00	22:45	25.81	45,470	29.5	138.0	9.39	12.9
14-4	3/11/1997	0:00	23:00	25.70	45,505	29.5	133.9	9.14	12.9
14-4	3/11/1997	0:00	23:15	25.24	45,587	29.6	127.6	8.77	12.9
14-4	3/11/1997	0:00	23:30	25.20	45,637	29.6	125.0	8.60	12.9
14-4	3/11/1997	0:00	23:45	25.16	45,630	29.6	122.2	8.41	12.9
14-4	3/12/1997	0:00	0:00	25.01	45,717	29.7	121.0	8.35	12.9
14-4	3/12/1997	0:00	0:15	24.85	45,801	29.8	119.6	8.27	12.9
14-4	3/12/1997	0:00	0:30	24.90	45,697	29.7	118.5	8.19	12.8
14-4	3/12/1997	0:00	0:45	24.92	45,814	29.8	119.2	8.23	12.9
14-4	3/12/1997	0:00	1:00	24.92	45,757	29.7	117.8	8.14	12.9
14-4	3/12/1997	0:00	1:15	24.90	45,754	29.7	118.0	8.16	12.9
14-4	3/12/1997	0:00	1:30	24.68	45,886	29.8	116.8	8.10	12.9
14-4	3/12/1997	0:00	1:45	24.77	45,845	29.8	116.1	8.04	12.9
14-4	3/12/1997	0:00	2:00	24.65	45,823	29.8	108.9	7.56	12.9
14-4	3/12/1997	0:00	2:15	24.70	45,832	29.8	109.7	7.61	12.8
14-4	3/12/1997	0:00	2:30	24.74	45,952	29.9	114.1	7.90	12.8
14-4	3/12/1997	0:00	2:45	24.51	45,959	29.9	111.1	7.73	12.8
14-4	3/12/1997	0:00	3:00	24.48	45,966	29.9	109.3	7.61	12.8
14-4	3/12/1997	0:00	3:15	24.52	45,972	29.9	107.8	7.50	12.8
14-4	3/12/1997	0:00	3:30	24.61	45,987	29.9	110.0	7.64	12.8
14-4	3/12/1997	0:00	3:45	24.57	45,981	29.9	110.7	7.69	12.8
14-4	3/12/1997	0:00	4:00	24.54	45,975	29.9	110.6	7.69	13.0
14-4	3/12/1997	0:00	4:15	24.59	46,041	29.9	112.8	7.83	12.8
14-4	3/12/1997	0:00	4:30	24.59	46,041	29.9	114.8	7.97	12.8
14-4	3/12/1997	0:00	4:45	24.60	46,030	29.9	113.8	7.90	12.8
14-4	3/12/1997	0:00	5:00	24.59	46,041	29.9	114.3	7.94	12.8
14-4	3/12/1997	0:00	5:15	24.52	46,028	29.9	110.6	7.69	12.8
14-4	3/12/1997	0:00	5:30	24.46	46,020	29.9	108.3	7.54	12.8

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
14-4	3/12/1997	0:00	5:45	24.15	46,026	29.9	102.2	7.16	12.8
14-4	3/12/1997	0:00	6:00	24.24	45,984	29.9	98.4	6.88	12.8
14-4	3/12/1997	0:00	6:15	24.26	46,043	29.9	99.0	6.91	12.8
14-4	3/12/1997	0:00	6:30	24.37	45,948	29.9	100.7	7.02	12.8
14-4	3/12/1997	0:00	6:45	24.28	45,933	29.8	99.4	6.95	12.8
14-4	3/12/1997	0:00	7:00	24.26	45,987	29.9	100.3	7.00	12.8
14-4	3/12/1997	0:00	7:15	24.36	45,935	29.8	103.2	7.20	12.8
14-4	3/12/1997	0:00	7:30	24.30	45,993	29.9	102.2	7.13	12.8
14-4	3/12/1997	0:00	7:45	24.22	45,924	29.8	97.4	6.82	12.8
14-4	3/12/1997	0:00	8:00	24.48	45,909	29.8	103.5	7.21	12.8
14-4	3/12/1997	0:00	8:15	24.54	45,861	29.8	107.1	7.45	12.8
14-4	3/12/1997	0:00	8:30	24.54	45,861	29.8	107.6	7.49	12.9
14-4	3/12/1997	0:00	8:45	24.54	45,861	29.8	107.5	7.48	12.8
14-4	3/12/1997	0:00	9:00	24.54	45,861	29.8	107.9	7.50	12.8
14-4	3/12/1997	0:00	9:15	24.54	45,861	29.8	108.2	7.53	12.7
14-4	3/12/1997	0:00	9:30	24.48	45,852	29.8	107.5	7.49	12.7
14-4	3/12/1997	0:00	9:45	24.50	45,912	29.8	109.1	7.59	12.7
14-4	3/12/1997	0:00	10:00	24.63	45,820	29.8	111.3	7.73	12.7
14-4	3/12/1997	0:00	10:15	24.69	45,819	29.8	112.2	7.78	12.7
14-4	3/12/1997	0:00	10:30	24.79	45,849	29.8	118.3	8.19	12.7
14-4	3/12/1997	0:00	10:45	24.94	45,818	29.8	123.6	8.54	12.7
14-4	3/12/1997	0:00	11:00	25.05	45,780	29.7	133.7	9.22	12.7
14-4	3/12/1997	0:00	11:15	25.01	45,945	29.9	121.8	8.40	12.6
14-4	3/12/1997	0:00	11:30	25.05	46,008	29.9	126.4	8.71	12.7
14-4	3/12/1997	0:00	11:45	25.29	45,996	29.9	138.2	9.48	12.7
14-4	3/12/1997	0:00	12:00	25.24	45,985	29.9	133.5	9.16	12.7
14-4	3/12/1997	0:00	12:15	25.22	46,038	29.9	128.8	8.84	12.7
14-4	3/12/1997	0:00	12:30	25.29	46,053	29.9	132.4	9.08	12.7
14-4	3/12/1997	0:00	12:45	25.33	46,059	29.9	131.5	9.01	12.8
14-4	3/12/1997	0:00	13:00	25.38	46,070	29.9	133.7	9.15	12.7
14-4	3/12/1997	0:00	13:15	25.44	46,081	30.0	135.3	9.25	12.7
LB-1	4/22/1997	0:00	7:30	23.17	44,288	28.70	93.4	6.71	12.7
LB-1	4/22/1997	0:00	7:45	23.23	44,239	28.60	88.4	6.34	12.7
LB-1	4/22/1997	0:00	8:00	23.37	44,200	28.60	87.9	6.29	12.6
LB-1	4/22/1997	0:00	8:15	23.26	44,187	28.60	87.8	6.30	12.7
LB-1	4/22/1997	0:00	8:30	23.35	44,129	28.50	90.3	6.47	12.6
LB-1	4/22/1997	0:00	8:45	23.46	44,155	28.60	91.5	6.54	12.6
LB-1	4/22/1997	0:00	9:00	23.48	44,101	28.50	90.6	6.47	12.6
LB-1	4/22/1997	0:00	9:15	23.54	44,052	28.50	88.6	6.33	12.6
LB-1	4/22/1997	0:00	9:30	23.63	44,008	28.40	90.1	6.42	12.6
LB-1	4/22/1997	0:00	9:45	23.71	43,951	28.40	92.5	6.59	12.6
LB-1	4/22/1997	0:00	10:00	23.84	43,924	28.40	91.6	6.51	12.7
LB-1	4/22/1997	0:00	10:15	23.90	43,932	28.40	92.8	6.58	12.6
LB-1	4/22/1997	0:00	10:30	23.90	43,875	28.40	94.2	6.69	12.5
LB-1	4/22/1997	0:00	10:45	23.88	43,930	28.40	95.4	6.77	12.5
LB-1	4/22/1997	0:00	11:00	24.02	43,881	28.40	96.5	6.83	12.5
LB-1	4/22/1997	0:00	11:15	24.08	43,902	28.40	98.0	6.93	12.5
LB-1	4/22/1997	0:00	11:30	24.02	43,950	28.40	97.8	6.92	12.5

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
LB-1	4/22/1997	0:00	11:45	24.48	8.37	43,793	28.30	99.0	6.95	12.5
LB-1	4/22/1997	0:00	12:00	24.35	8.36	43,886	28.40	98.6	6.94	12.5
LB-1	4/22/1997	0:00	12:15	24.22	8.35	43,924	28.40	99.1	6.99	12.5
LB-1	4/22/1997	0:00	12:30	24.25	8.36	43,917	28.40	99.9	7.04	12.5
LB-1	4/22/1997	0:00	12:45	24.65	8.38	43,819	28.30	103.3	7.23	12.5
LB-1	4/22/1997	0:00	13:00	24.40	8.37	43,882	28.40	100.7	7.08	12.5
LB-1	4/22/1997	0:00	13:15	24.66	8.38	43,879	28.40	102.7	7.19	12.5
LB-1	4/22/1997	0:00	13:30	24.92	8.39	43,979	28.40	107.6	7.50	12.5
LB-1	4/22/1997	0:00	13:45	24.94	8.39	43,812	28.30	106.1	7.39	12.5
LB-1	4/22/1997	0:00	14:00	24.83	8.40	43,793	28.30	105.9	7.40	12.5
LB-1	4/22/1997	0:00	14:15	24.88	8.40	43,745	28.30	108.2	7.55	12.5
LB-1	4/22/1997	0:00	14:30	25.05	8.41	43,774	28.30	107.7	7.49	12.5
LB-1	4/22/1997	0:00	14:45	25.07	8.40	43,777	28.30	107.1	7.44	12.4
LB-1	4/22/1997	0:00	15:00	25.12	8.39	43,774	28.30	105.3	7.31	12.4
LB-1	4/22/1997	0:00	15:15	25.22	8.41	43,745	28.30	105.6	7.32	12.4
LB-1	4/22/1997	0:00	15:30	25.25	8.40	43,752	28.30	105.6	7.32	12.6
LB-1	4/22/1997	0:00	15:45	25.51	8.42	43,742	28.30	107.8	7.43	12.4
LB-1	4/22/1997	0:00	16:00	25.53	8.43	43,746	28.30	107.6	7.42	12.4
LB-1	4/22/1997	0:00	16:15	25.64	8.44	43,767	28.30	109.0	7.50	12.4
LB-1	4/22/1997	0:00	16:30	25.64	8.45	43,824	28.30	109.8	7.55	12.4
LB-1	4/22/1997	0:00	16:45	25.81	8.47	43,799	28.30	111.7	7.66	12.4
LB-1	4/22/1997	0:00	17:00	25.85	8.49	43,806	28.30	113.4	7.77	12.4
LB-1	4/22/1997	0:00	17:15	26.05	8.50	43,732	28.20	116.2	7.94	12.4
LB-1	4/22/1997	0:00	17:30	25.94	8.51	43,768	28.30	115.6	7.91	12.4
LB-1	4/22/1997	0:00	17:45	25.91	8.52	43,760	28.30	115.9	7.94	12.4
LB-1	4/22/1997	0:00	18:00	25.92	8.53	43,763	28.30	116.3	7.96	12.4
LB-1	4/22/1997	0:00	18:15	25.98	8.53	43,775	28.30	116.8	7.99	12.4
LB-1	4/22/1997	0:00	18:30	25.96	8.54	43,771	28.30	116.9	8.00	12.4
LB-1	4/22/1997	0:00	18:45	25.98	8.55	43,775	28.30	117.2	8.01	12.4
LB-1	4/22/1997	0:00	19:00	26.00	8.56	43,722	28.20	117.5	8.03	12.4
LB-1	4/22/1997	0:00	19:15	25.96	8.56	43,714	28.20	117.0	8.01	12.4
LB-1	4/22/1997	0:00	19:30	25.92	8.56	43,763	28.30	116.2	7.95	12.4
LB-1	4/22/1997	0:00	19:45	25.91	8.56	43,703	28.20	114.4	7.84	12.4
LB-1	4/22/1997	0:00	20:00	25.87	8.56	43,753	28.30	112.7	7.73	12.4
LB-1	4/22/1997	0:00	20:15	25.87	8.55	43,696	28.20	113.2	7.76	12.4
LB-1	4/22/1997	0:00	20:30	25.81	8.56	43,685	28.20	114.1	7.83	12.4
LB-1	4/22/1997	0:00	20:45	25.79	8.57	43,681	28.20	113.8	7.81	12.4
LB-1	4/22/1997	0:00	21:00	25.81	8.59	43,685	28.20	116.5	8.00	12.4
LB-1	4/22/1997	0:00	21:15	25.76	8.56	43,731	28.20	111.0	7.62	12.4
LB-1	4/22/1997	0:00	21:30	25.76	8.54	43,674	28.20	108.1	7.43	12.4
LB-1	4/22/1997	0:00	21:45	25.76	8.59	43,674	28.20	112.5	7.73	12.4
LB-1	4/22/1997	0:00	22:00	25.79	8.61	43,681	28.20	117.2	8.05	12.4
LB-1	4/22/1997	0:00	22:15	25.76	8.59	43,674	28.20	110.3	7.58	12.4
LB-1	4/22/1997	0:00	22:30	25.70	8.57	43,663	28.20	110.4	7.59	12.4
LB-1	4/22/1997	0:00	22:45	25.70	8.59	43,663	28.20	110.6	7.61	12.4
LB-1	4/22/1997	0:00	23:00	25.72	8.59	43,610	28.20	111.5	7.67	12.4
LB-1	4/22/1997	0:00	23:15	25.61	8.55	43,646	28.20	108.9	7.50	12.3
LB-1	4/22/1997	0:00	23:30	25.63	8.56	43,592	28.10	107.7	7.42	12.4
LB-1	4/22/1997	0:00	23:45	25.64	8.55	43,538	28.10	106.6	7.34	12.3

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
LB-1	4/23/1997	0:00	25.63	8.53	43,535	28.10	104.7	7.22	12.4
LB-1	4/23/1997	0:15	25.51	8.52	43,628	28.20	103.1	7.12	12.3
LB-1	4/23/1997	0:30	25.53	8.52	43,575	28.10	103.0	7.10	12.3
LB-1	4/23/1997	0:45	25.57	8.52	43,582	28.10	102.8	7.09	12.3
LB-1	4/23/1997	1:00	25.42	8.51	43,611	28.20	101.3	7.00	12.4
LB-1	4/23/1997	1:15	25.59	8.51	43,585	28.10	102.5	7.07	12.3
LB-1	4/23/1997	1:30	25.59	8.51	43,585	28.10	102.1	7.03	12.3
LB-1	4/23/1997	1:45	25.76	8.50	43,502	28.10	103.5	7.12	12.3
LB-1	4/23/1997	2:00	25.64	8.50	43,538	28.10	102.1	7.03	12.3
LB-1	4/23/1997	2:15	25.51	8.50	43,571	28.10	100.8	6.96	12.3
LB-1	4/23/1997	2:30	25.61	8.49	43,589	28.10	102.1	7.04	12.3
LB-1	4/23/1997	2:45	25.74	8.49	43,499	28.10	102.7	7.06	12.3
LB-1	4/23/1997	3:00	25.76	8.49	43,502	28.10	101.9	7.01	12.3
LB-1	4/23/1997	3:15	25.72	8.49	43,553	28.10	102.8	7.07	12.3
LB-1	4/23/1997	3:30	25.48	8.48	43,564	28.10	98.7	6.82	12.3
LB-1	4/23/1997	3:45	25.42	8.49	43,611	28.20	96.6	6.67	12.3
LB-1	4/23/1997	4:00	25.31	8.49	43,648	28.20	94.4	6.54	12.3
LB-1	4/23/1997	4:15	25.25	8.49	43,695	28.20	94.2	6.53	12.3
LB-1	4/23/1997	4:30	25.25	8.49	43,638	28.20	93.2	6.46	12.3
LB-1	4/23/1997	4:45	25.16	8.49	43,679	28.20	92.5	6.42	12.3
LB-1	4/23/1997	5:00	24.96	8.49	43,758	28.30	90.9	6.33	12.3
LB-1	4/23/1997	5:15	24.90	8.48	43,805	28.30	89.8	6.26	12.3
LB-1	4/23/1997	5:30	25.00	8.49	43,707	28.20	88.6	6.17	12.3
LB-1	4/23/1997	5:45	24.79	8.47	43,787	28.30	87.9	6.14	12.3
LB-1	4/23/1997	6:00	24.81	8.46	43,733	28.30	86.7	6.06	12.3
LB-1	4/23/1997	6:15	24.85	8.46	43,739	28.30	87.7	6.12	12.3
LB-1	4/23/1997	6:30	24.88	8.47	43,745	28.30	88.0	6.14	12.3
LB-1	4/23/1997	6:45	24.88	8.47	43,745	28.30	88.1	6.15	12.2
LB-1	4/23/1997	7:00	24.90	8.48	43,748	28.30	88.9	6.20	12.3
LB-1	4/23/1997	7:15	24.87	8.47	43,742	28.30	88.9	6.20	12.2
LB-1	4/23/1997	7:30	24.88	8.46	43,745	28.30	88.1	6.15	12.2
LB-1	4/23/1997	7:45	24.98	8.48	43,704	28.20	89.6	6.24	12.2
LB-1	4/23/1997	8:00	25.01	8.48	43,710	28.20	90.4	6.29	12.2
LB-1	4/23/1997	8:15	25.01	8.47	43,710	28.20	90.0	6.27	12.2
LB-1	4/23/1997	8:30	25.14	8.51	43,733	28.20	93.0	6.46	12.2
LB-1	4/23/1997	8:45	25.12	8.47	43,730	28.20	90.3	6.28	12.2
LB-1	4/23/1997	9:00	25.20	8.50	43,743	28.30	90.2	6.25	12.2
LB-1	4/23/1997	9:15	25.24	8.47	43,749	28.30	90.9	6.30	12.2
LB-1	4/23/1997	9:30	25.38	8.51	43,719	28.20	93.2	6.45	12.2
LB-1	4/23/1997	9:45	25.48	8.52	43,735	28.30	93.8	6.48	12.2
LB-1	4/23/1997	10:00	25.53	8.51	43,689	28.20	93.7	6.46	12.2
LB-1	4/23/1997	10:15	25.64	8.51	43,653	28.20	94.5	6.50	12.2
LB-1	4/23/1997	10:30	25.63	8.48	43,592	28.10	93.7	6.45	12.2
LB-1	4/23/1997	10:45	25.74	8.48	43,613	28.20	95.4	6.56	12.2
LB-1	4/23/1997	11:00	25.74	8.47	43,556	28.10	95.1	6.54	12.2
LB-1	4/23/1997	11:15	25.72	8.46	43,553	28.10	95.9	6.59	12.2
LB-1	4/23/1997	11:30	25.81	8.45	43,571	28.10	96.3	6.61	12.2
LB-1	4/23/1997	11:45	25.94	8.46	43,539	28.10	97.8	6.70	12.2
LB-1	4/23/1997	12:00	25.96	8.45	43,542	28.10	99.2	6.79	12.2

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
LB-1	4/23/1997	0:00	12:15	25.91	8.43	43,474	28.10	97.5	6.69	12.2
LB-1	4/23/1997	0:00	12:30	25.90	8.42	43,461	28.10	97.8	6.70	12.2
LB-1	4/23/1997	0:00	12:45	26.00	8.45	43,493	28.10	97.9	6.70	12.2
ML-1	5/20/1997	0:00	6:30	26.96	6.90	1367	0.70	56.9	4.51	15.1
LB-1	5/20/1997	0:00	6:45	26.98	6.90	1257	0.70	53.6	4.25	15.1
LB-1	5/20/1997	0:00	7:00	27.00	6.89	1171	0.60	52.4	4.16	15.1
LB-1	5/20/1997	0:00	7:15	27.01	6.88	1081	0.60	51.7	4.11	15.1
LB-1	5/20/1997	0:00	7:30	27.02	6.88	1010	0.50	51.3	4.07	14.9
LB-1	5/20/1997	0:00	7:45	27.08	6.87	897	0.50	51.0	4.04	15.0
LB-1	5/20/1997	0:00	8:00	27.14	6.86	852	0.40	50.3	3.98	15.0
LB-1	5/20/1997	0:00	8:15	27.22	6.86	792	0.40	49.6	3.93	15.0
LB-1	5/20/1997	0:00	8:30	27.30	6.85	773	0.40	48.9	3.86	14.9
LB-1	5/20/1997	0:00	8:45	27.39	6.85	770	0.40	48.4	3.82	14.9
LB-1	5/20/1997	0:00	9:00	27.43	6.85	764	0.40	47.7	3.76	15.0
LB-1	5/20/1997	0:00	9:15	27.44	6.85	787	0.40	47.6	3.75	14.9
LB-1	5/20/1997	0:00	9:30	27.48	6.85	780	0.40	47.2	3.72	14.8
LB-1	5/20/1997	0:00	9:45	27.47	6.83	727	0.40	45.7	3.60	14.8
LB-1	5/20/1997	0:00	10:00	27.49	6.83	750	0.40	46.1	3.63	14.8
LB-1	5/20/1997	0:00	10:15	27.51	6.83	718	0.40	46.3	3.65	14.8
LB-1	5/20/1997	0:00	10:30	27.41	6.83	826	0.40	45.2	3.56	14.8
LB-1	5/20/1997	0:00	10:45	27.31	6.83	835	0.40	44.9	3.54	14.7
LB-1	5/20/1997	0:00	11:00	27.30	6.84	807	0.40	45.0	3.55	14.7
LB-1	5/20/1997	0:00	11:15	27.46	6.84	842	0.40	44.3	3.49	14.7
LB-1	5/20/1997	0:00	11:30	27.44	6.84	935	0.50	44.1	3.47	14.7
LB-1	5/20/1997	0:00	11:45	27.55	6.85	1185	0.60	45.2	3.55	14.7
LB-1	5/20/1997	0:00	12:00	27.55	6.86	1311	0.70	44.9	3.53	14.7
LB-1	5/20/1997	0:00	12:15	27.66	6.87	1860	1.00	44.7	3.49	14.7
LB-1	5/20/1997	0:00	12:30	27.95	6.90	2236	1.20	46.7	3.63	14.6
LB-1	5/20/1997	0:00	12:45	28.01	6.90	2237	1.20	47.1	3.65	14.6
LB-1	5/20/1997	0:00	13:00	28.12	6.91	2353	1.30	47.3	3.66	14.6
LB-1	5/20/1997	0:00	13:15	28.25	6.92	2442	1.30	47.7	3.68	14.6
LB-1	5/20/1997	0:00	13:30	28.41	6.93	2549	1.40	49.0	3.77	14.6
LB-1	5/20/1997	0:00	13:45	28.38	6.94	2645	1.40	49.2	3.79	14.6
LB-1	5/20/1997	0:00	14:00	28.53	6.97	2886	1.60	51.4	3.95	14.5
LB-1	5/20/1997	0:00	14:15	28.55	6.98	3059	1.70	51.7	3.97	14.6
LB-1	5/20/1997	0:00	14:30	28.67	7.00	3263	1.80	53.7	4.11	14.6
LB-1	5/20/1997	0:00	14:45	28.77	7.01	3438	1.90	54.5	4.16	14.5
LB-1	5/20/1997	0:00	15:00	28.77	7.02	3573	1.90	55.0	4.19	14.7
LB-1	5/20/1997	0:00	15:15	29.08	7.01	3349	1.80	55.1	4.18	14.5
LB-1	5/20/1997	0:00	15:30	29.12	7.01	3196	1.70	56.7	4.30	14.5
LB-1	5/20/1997	0:00	15:45	29.26	7.00	2861	1.50	55.1	4.18	14.5
LB-1	5/20/1997	0:00	16:00	29.28	6.99	2765	1.50	56.2	4.26	14.5
LB-1	5/20/1997	0:00	16:15	29.38	6.98	2468	1.30	56.1	4.25	14.5
LB-1	5/20/1997	0:00	16:30	29.34	6.97	2362	1.30	55.3	4.19	14.5
LB-1	5/20/1997	0:00	16:45	29.54	6.98	2181	1.20	55.1	4.17	14.4
LB-1	5/20/1997	0:00	17:00	29.50	6.97	2161	1.20	56.1	4.24	14.4
LB-1	5/20/1997	0:00	17:15	29.59	6.97	2086	1.10	55.2	4.17	14.4
LB-1	5/20/1997	0:00	17:30	29.63	6.96	1797	1.00	56.5	4.27	14.4

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
LB-1	5/20/1997	0:00	17:45	29.61	6.95	1622	0.90	55.6	4.21	14.4
LB-1	5/20/1997	0:00	18:00	29.63	6.94	1455	0.80	55.8	4.22	14.4
LB-1	5/20/1997	0:00	18:15	29.59	6.93	1352	0.70	55.4	4.19	14.4
LB-1	5/20/1997	0:00	18:30	29.57	6.92	1255	0.70	54.7	4.15	14.4
LB-1	5/20/1997	0:00	18:45	29.56	6.92	1166	0.60	55.5	4.21	14.4
LB-1	5/20/1997	0:00	19:00	29.53	6.91	1079	0.60	54.5	4.13	14.4
LB-1	5/20/1997	0:00	19:15	29.54	6.90	1009	0.50	53.4	4.06	14.4
LB-1	5/20/1997	0:00	19:30	29.50	6.89	948	0.50	52.3	3.97	14.4
LB-1	5/20/1997	0:00	19:45	29.46	6.88	912	0.50	51.5	3.92	14.3
LB-1	5/20/1997	0:00	20:00	29.42	6.88	902	0.50	50.9	3.87	14.4
LB-1	5/20/1997	0:00	20:15	29.38	6.87	836	0.40	49.7	3.79	14.3
LB-1	5/20/1997	0:00	20:30	29.31	6.87	851	0.40	46.7	3.56	14.3
LB-1	5/20/1997	0:00	20:45	29.26	6.86	830	0.40	46.9	3.58	14.3
LB-1	5/20/1997	0:00	21:00	29.20	6.87	868	0.50	47.3	3.62	14.3
LB-1	5/20/1997	0:00	21:15	29.18	6.85	844	0.40	45.5	3.48	14.3
LB-1	5/20/1997	0:00	21:30	29.14	6.85	811	0.40	42.4	3.24	14.2
LB-1	5/20/1997	0:00	21:45	29.10	6.84	782	0.40	40.8	3.12	14.3
LB-1	5/20/1997	0:00	22:00	29.04	6.85	803	0.40	40.8	3.13	14.3
LB-1	5/20/1997	0:00	22:15	28.96	6.85	813	0.40	41.4	3.18	14.3
LB-1	5/20/1997	0:00	22:30	28.96	6.84	779	0.40	35.8	2.75	14.2
LB-1	5/20/1997	0:00	22:45	28.86	6.84	779	0.40	36.0	2.77	14.2
LB-1	5/20/1997	0:00	23:00	28.82	6.84	780	0.40	39.5	3.04	14.2
LB-1	5/20/1997	0:00	23:15	28.79	6.84	782	0.40	32.9	2.54	14.2
LB-1	5/20/1997	0:00	23:30	28.77	6.83	780	0.40	36.2	2.79	14.2
LB-1	5/20/1997	0:00	23:45	28.70	6.82	761	0.40	39.4	3.04	14.2
LB-1	5/21/1997	0:00	0:00	28.71	6.82	693	0.40	35.7	2.75	14.2
LB-1	5/21/1997	0:00	0:15	28.69	6.81	683	0.40	34.4	2.65	14.2
LB-1	5/21/1997	0:00	0:30	28.67	6.82	727	0.40	36.9	2.85	14.2
LB-1	5/21/1997	0:00	0:45	28.72	6.80	631	0.30	36.1	2.78	14.1
LB-1	5/21/1997	0:00	1:00	28.70	6.81	648	0.30	36.7	2.83	13.9
LB-1	5/21/1997	0:00	1:15	28.71	6.81	661	0.30	37.4	2.88	14.2
LB-1	5/21/1997	0:00	1:30	28.71	6.81	678	0.30	39.5	3.04	14.2
LB-1	5/21/1997	0:00	1:45	28.67	6.81	684	0.40	38.9	3.00	14.1
LB-1	5/21/1997	0:00	2:00	28.62	6.82	684	0.40	36.1	2.79	14.2
LB-1	5/21/1997	0:00	2:15	28.61	6.83	802	0.40	37.5	2.90	14.1
LB-1	5/21/1997	0:00	2:30	28.49	6.83	797	0.40	38.6	2.99	14.1
LB-1	5/21/1997	0:00	2:45	28.59	6.84	1302	0.70	38.3	2.96	14.1
LB-1	5/21/1997	0:00	3:00	28.58	6.85	1442	0.80	37.7	2.91	14.1
LB-1	5/21/1997	0:00	3:15	28.52	6.86	1659	0.90	37.7	2.91	14.1
LB-1	5/21/1997	0:00	3:30	28.49	6.86	1879	1.00	37.2	2.87	14.1
LB-1	5/21/1997	0:00	3:45	28.47	6.87	1984	1.10	37.1	2.86	14.1
LB-1	5/21/1997	0:00	4:00	28.41	6.88	2242	1.20	38.1	2.94	14.1
LB-1	5/21/1997	0:00	4:15	28.39	6.89	2290	1.20	38.7	2.99	14.1
LB-1	5/21/1997	0:00	4:30	28.41	6.90	2405	1.30	34.8	2.68	14.2
LB-1	5/21/1997	0:00	4:45	28.40	6.90	2473	1.30	31.7	2.44	14.1
LB-1	5/21/1997	0:00	5:00	28.41	6.91	2520	1.40	29.6	2.28	14.0
LB-1	5/21/1997	0:00	5:15	28.40	6.92	2569	1.40	30.5	2.35	14.0
LB-1	5/21/1997	0:00	5:30	28.36	6.92	2539	1.40	36.8	2.84	14.0
LB-1	5/21/1997	0:00	5:45	28.30	6.92	2518	1.40	42.0	3.24	14.0

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
LB-1	5/21/1997	0:00	6:00	28.24	6.91	2336	1.30	42.0	3.25	14.0
LB-1	5/21/1997	0:00	6:15	28.22	6.91	2297	1.20	41.7	3.23	14.0
LB-1	5/21/1997	0:00	6:30	28.18	6.91	2239	1.20	39.4	3.05	14.0
LB-1	5/21/1997	0:00	6:45	28.10	6.91	2152	1.20	39.6	3.07	14.0
LB-1	5/21/1997	0:00	7:00	28.04	6.90	1970	1.10	38.5	2.99	14.0
LB-1	5/21/1997	0:00	7:15	28.03	6.89	1625	0.90	42.3	3.29	14.0
LB-1	5/21/1997	0:00	7:30	28.04	6.88	1414	0.70	42.4	3.30	14.0
LB-1	5/21/1997	0:00	7:45	28.05	6.87	1298	0.70	42.3	3.29	14.0
LB-1	5/21/1997	0:00	8:00	28.05	6.87	1218	0.60	41.9	3.26	14.0
LB-1	5/21/1997	0:00	8:15	28.09	6.87	1114	0.60	41.6	3.23	14.0
LB-1	5/21/1997	0:00	8:30	28.17	6.86	1032	0.50	41.9	3.26	14.0
LB-1	5/21/1997	0:00	8:45	28.23	6.85	925	0.50	41.6	3.23	14.1
LB-1	5/21/1997	0:00	9:00	28.32	6.85	855	0.40	41.8	3.24	13.9
LB-1	5/21/1997	0:00	9:15	28.40	6.85	831	0.40	39.7	3.07	13.9
LB-1	5/21/1997	0:00	9:30	28.46	6.85	818	0.40	39.3	3.04	13.9
LB-1	5/21/1997	0:00	9:45	28.55	6.85	807	0.40	36.7	2.84	13.9
LB-1	5/21/1997	0:00	10:00	28.68	6.85	804	0.40	35.6	2.75	13.9
LB-1	5/21/1997	0:00	10:15	28.67	6.85	799	0.40	39.0	3.01	13.9
LB-1	5/21/1997	0:00	10:30	28.59	6.83	746	0.40	38.2	2.95	13.9
LB-1	5/21/1997	0:00	10:45	28.65	6.83	773	0.40	41.0	3.17	13.9
LB-1	5/21/1997	0:00	11:00	28.40	6.83	904	0.50	39.6	3.06	13.9
LB-1	5/21/1997	0:00	11:15	28.72	6.84	878	0.50	39.8	3.06	13.9
LB-1	5/21/1997	0:00	11:30	29.56	6.87	863	0.40	46.6	3.54	13.9
LB-1	5/21/1997	0:00	11:45	30.11	6.88	918	0.50	47.8	3.60	13.9
LB-1	5/21/1997	0:00	12:00	29.06	6.85	982	0.50	46.1	3.53	14.0
11-5	6/17/1997	0:00	6:15	30.11	8.30	49878	32.7	88.7	5.50	14.1
11-5	6/17/1997	0:00	6:30	30.03	8.32	49914	32.8	87.6	5.43	14.1
11-5	6/17/1997	0:00	6:45	30.05	8.33	49921	32.8	86.8	5.39	14.1
11-5	6/17/1997	0:00	7:00	30.09	8.35	50000	32.8	90.9	5.63	14.1
11-5	6/17/1997	0:00	7:15	30.13	8.35	50015	32.8	90.3	5.59	14.1
11-5	6/17/1997	0:00	7:30	30.15	8.35	50087	32.9	90.8	5.62	14.1
11-5	6/17/1997	0:00	7:45	30.18	8.35	50158	32.9	87.8	5.43	14.0
11-5	6/17/1997	0:00	8:00	30.11	8.34	50201	33.0	86.5	5.35	14.0
11-5	6/17/1997	0:00	8:15	30.05	8.34	50244	33.0	86.0	5.33	14.0
11-5	6/17/1997	0:00	8:30	29.99	8.34	50287	33.0	85.5	5.30	14.0
11-5	6/17/1997	0:00	8:45	29.91	8.34	50323	33.1	84.9	5.27	14.0
11-5	6/17/1997	0:00	9:00	29.85	8.34	50366	33.1	86.2	5.35	14.0
11-5	6/17/1997	0:00	9:15	29.85	8.34	50366	33.1	87.7	5.45	13.9
11-5	6/17/1997	0:00	9:30	29.91	8.33	50388	33.1	87.2	5.41	13.9
11-5	6/17/1997	0:00	9:45	29.95	8.34	50337	33.1	89.1	5.53	13.9
11-5	6/17/1997	0:00	10:00	29.95	8.33	50337	33.1	90.0	5.58	13.9
11-5	6/17/1997	0:00	10:15	30.01	8.35	50295	33.0	91.3	5.66	13.9
11-5	6/17/1997	0:00	10:30	29.97	8.34	50344	33.1	91.3	5.66	13.9
11-5	6/17/1997	0:00	10:45	29.95	8.35	50402	33.1	93.6	5.80	13.9
11-5	6/17/1997	0:00	11:00	29.97	8.35	50409	33.1	93.1	5.77	14.0
11-5	6/17/1997	0:00	11:15	30.02	8.35	50376	33.1	92.0	5.70	13.9
11-5	6/17/1997	0:00	11:30	30.07	8.36	50316	33.1	96.5	5.97	13.9
11-5	6/17/1997	0:00	11:45	30.13	8.37	50347	33.1	101.9	6.30	13.9

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
11-5	6/17/1997	0:00	12:00	30.20	8.38	50295	33.0	106.8	6.60	13.8
11-5	6/17/1997	0:00	12:15	30.34	8.38	50282	33.0	102.4	6.31	13.8
11-5	6/17/1997	0:00	12:30	30.42	8.38	50182	33.0	102.8	6.33	13.8
11-5	6/17/1997	0:00	12:45	30.48	8.38	50140	32.9	102.7	6.32	13.8
11-5	6/17/1997	0:00	13:00	30.58	8.38	50113	32.9	103.6	6.36	13.8
11-5	6/17/1997	0:00	13:15	30.54	8.44	50163	32.9	114.0	7.01	13.9
11-5	6/17/1997	0:00	13:30	30.72	8.41	50037	32.8	104.9	6.43	13.9
11-5	6/17/1997	0:00	13:45	30.78	8.42	49995	32.8	105.6	6.47	13.8
11-5	6/17/1997	0:00	14:00	30.88	8.44	49969	32.8	109.4	6.69	13.8
11-5	6/17/1997	0:00	14:15	30.84	8.47	50018	32.8	118.8	7.27	13.8
11-5	6/17/1997	0:00	14:30	30.92	8.47	49920	32.8	106.6	6.52	13.8
11-5	6/17/1997	0:00	14:45	31.00	8.49	49895	32.7	134.0	8.19	13.8
11-5	6/17/1997	0:00	15:00	31.01	8.53	49951	32.8	145.3	8.87	13.8
11-5	6/17/1997	0:00	15:15	31.07	8.53	49910	32.8	142.1	8.67	13.8
11-5	6/17/1997	0:00	15:30	31.15	8.52	49877	32.7	136.0	8.29	13.7
11-5	6/17/1997	0:00	15:45	31.25	8.51	49722	32.6	131.9	8.03	13.8
11-5	6/17/1997	0:00	16:00	31.23	8.53	49779	32.7	132.1	8.04	13.8
11-5	6/17/1997	0:00	16:15	31.27	8.52	49730	32.6	122.7	7.47	13.8
11-5	6/17/1997	0:00	16:30	31.40	8.54	49713	32.6	128.8	7.82	13.8
11-5	6/17/1997	0:00	16:45	31.29	8.55	49803	32.7	127.8	7.77	13.8
11-5	6/17/1997	0:00	17:00	31.38	8.55	49770	32.7	125.2	7.60	13.7
11-5	6/17/1997	0:00	17:15	31.56	8.54	49518	32.5	121.1	7.34	13.7
11-5	6/17/1997	0:00	17:30	31.40	8.56	49713	32.6	132.4	8.04	13.7
11-5	6/17/1997	0:00	17:45	31.75	8.53	49266	32.3	139.9	8.46	13.7
11-5	6/17/1997	0:00	18:00	31.35	8.57	49762	32.6	126.8	7.70	13.7
11-5	6/17/1997	0:00	18:15	31.71	8.49	49250	32.3	120.8	7.31	13.7
11-5	6/17/1997	0:00	18:30	31.54	8.55	49575	32.5	123.9	7.51	13.7
11-5	6/17/1997	0:00	18:45	31.83	8.49	49038	32.1	117.5	7.11	13.7
11-5	6/17/1997	0:00	19:00	31.83	8.48	49104	32.2	114.3	6.91	13.7
11-5	6/17/1997	0:00	19:15	31.93	8.46	48884	32.0	107.6	6.50	13.7
11-5	6/17/1997	0:00	19:30	31.95	8.45	48827	32.0	105.2	6.35	13.7
11-5	6/17/1997	0:00	19:45	31.98	8.44	48836	32.0	103.7	6.26	13.7
11-5	6/17/1997	0:00	20:00	31.83	8.46	49038	32.1	111.7	6.75	13.7
11-5	6/17/1997	0:00	20:15	31.91	8.43	48876	32.0	102.2	6.17	13.7
11-5	6/17/1997	0:00	20:30	31.89	8.42	48867	32.0	99.9	6.04	13.7
11-5	6/17/1997	0:00	20:45	31.83	8.42	49038	32.1	92.0	5.56	13.7
11-5	6/17/1997	0:00	21:00	31.58	8.44	49265	32.3	102.1	6.19	13.7
11-5	6/17/1997	0:00	21:15	31.46	8.43	49346	32.3	100.5	6.11	13.7
11-5	6/17/1997	0:00	21:30	31.35	8.43	49502	32.5	102.1	6.21	13.7
11-5	6/17/1997	0:00	21:45	31.19	8.42	49697	32.6	98.8	6.02	13.7
11-5	6/17/1997	0:00	22:00	31.15	8.42	49747	32.6	95.1	5.80	13.7
11-5	6/17/1997	0:00	22:15	31.11	8.42	49796	32.7	93.1	5.68	13.6
11-5	6/17/1997	0:00	22:30	31.17	8.42	49950	32.8	97.5	5.93	13.6
11-5	6/17/1997	0:00	22:45	31.19	8.42	49958	32.8	94.3	5.74	13.6
11-5	6/17/1997	0:00	23:00	31.19	8.42	49893	32.7	92.3	5.62	13.7
11-5	6/17/1997	0:00	23:15	31.17	8.41	49885	32.7	91.4	5.57	13.6
11-5	6/17/1997	0:00	23:30	31.17	8.42	49885	32.7	91.2	5.56	13.6
11-5	6/17/1997	0:00	23:45	31.13	8.41	49934	32.8	92.3	5.62	13.6
11-5	6/18/1997	0:00	0:00	31.13	8.42	49738	32.6	93.2	5.69	13.6

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
11-5	6/18/1997	0:00	0:15	30.92	8.40	50050	32.9	89.5	5.47	13.7
11-5	6/18/1997	0:00	0:30	30.84	8.40	50083	32.9	89.5	5.48	13.6
11-5	6/18/1997	0:00	0:45	30.70	8.40	50224	33.0	88.8	5.44	13.6
11-5	6/18/1997	0:00	1:00	30.56	8.41	50300	33.0	90.1	5.54	13.6
11-5	6/18/1997	0:00	1:15	30.50	8.40	50342	33.1	85.9	5.28	13.6
11-5	6/18/1997	0:00	1:30	30.48	8.40	50334	33.1	84.9	5.22	13.6
11-5	6/18/1997	0:00	1:45	30.52	8.40	50285	33.0	86.5	5.32	13.4
11-5	6/18/1997	0:00	2:00	30.50	8.40	50277	33.0	89.3	5.49	13.6
11-5	6/18/1997	0:00	2:15	30.48	8.39	50334	33.1	82.8	5.09	13.6
11-5	6/18/1997	0:00	2:30	30.68	8.40	50151	32.9	83.3	5.11	13.6
11-5	6/18/1997	0:00	2:45	30.70	8.40	50159	32.9	85.8	5.26	13.6
11-5	6/18/1997	0:00	3:00	30.82	8.40	49945	32.8	86.3	5.28	13.5
11-5	6/18/1997	0:00	3:15	30.80	8.40	50002	32.8	84.6	5.18	13.6
11-5	6/18/1997	0:00	3:30	30.59	8.38	50195	33.0	78.6	4.83	13.6
11-5	6/18/1997	0:00	3:45	30.54	8.37	50292	33.0	77.3	4.75	13.6
11-5	6/18/1997	0:00	4:00	30.56	8.37	50300	33.0	74.8	4.60	13.5
11-5	6/18/1997	0:00	4:15	30.60	8.37	50250	33.0	77.4	4.75	13.5
11-5	6/18/1997	0:00	4:30	30.86	8.40	49701	32.6	85.0	5.21	13.5
11-5	6/18/1997	0:00	4:45	30.86	8.40	49636	32.6	83.6	5.12	13.5
11-5	6/18/1997	0:00	5:00	30.86	8.40	49571	32.5	84.3	5.16	13.5
11-5	6/18/1997	0:00	5:15	30.88	8.40	49449	32.4	83.6	5.13	13.5
11-5	6/18/1997	0:00	5:30	30.88	8.40	49449	32.4	83.4	5.12	13.5
11-5	6/18/1997	0:00	5:45	30.84	8.39	49499	32.5	82.7	5.08	13.5
11-5	6/18/1997	0:00	6:00	30.85	8.39	49516	32.5	83.9	5.15	13.5
11-5	6/18/1997	0:00	6:15	30.69	8.34	49779	32.7	84.5	5.19	13.5
11-5	6/18/1997	0:00	6:30	30.31	8.37	50090	32.9	70.9	4.38	13.5
11-5	6/18/1997	0:00	6:45	30.22	8.38	50044	32.9	76.2	4.71	13.5
11-5	6/18/1997	0:00	7:00	30.23	8.39	49996	32.8	77.3	4.78	13.4
11-5	6/18/1997	0:00	7:15	30.22	8.40	49850	32.7	80.6	4.99	13.5
11-5	6/18/1997	0:00	7:30	30.22	8.39	49979	32.8	76.7	4.75	13.5
11-5	6/18/1997	0:00	7:45	30.30	8.40	50073	32.9	79.7	4.92	13.5
11-5	6/18/1997	0:00	8:00	30.32	8.41	50274	33.0	83.5	5.15	13.5
11-5	6/18/1997	0:00	8:15	30.32	8.41	50274	33.0	82.9	5.11	13.5
11-5	6/18/1997	0:00	8:30	30.36	8.40	50290	33.0	80.9	4.99	13.5
11-5	6/18/1997	0:00	8:45	30.36	8.40	50290	33.0	81.5	5.02	13.5
11-5	6/18/1997	0:00	9:00	30.20	8.39	50360	33.1	79.5	4.91	13.5
11-5	6/18/1997	0:00	9:15	30.03	8.39	50431	33.1	80.5	4.99	13.5
11-5	6/18/1997	0:00	9:30	29.98	8.39	50491	33.2	82.5	5.12	13.5
11-5	6/18/1997	0:00	9:45	30.00	8.39	50498	33.2	84.5	5.23	13.5
11-5	6/18/1997	0:00	10:00	29.99	8.40	50481	33.2	87.2	5.40	13.5
11-5	6/18/1997	0:00	10:15	29.95	8.41	50531	33.2	88.5	5.49	13.5
11-5	6/18/1997	0:00	10:30	30.07	8.41	50455	33.2	89.4	5.53	13.4
11-5	6/18/1997	0:00	10:45	30.15	8.42	50410	33.1	91.9	5.68	13.4
11-5	6/18/1997	0:00	11:00	30.19	8.42	50434	33.1	91.6	5.66	13.4
14-3	7/16/1997	0:00	6:30	30.50	7.97	45,949	29.9	120.6	7.6	13.0
14-3	7/16/1997	0:00	6:45	30.48	7.98	46,006	29.9	119.2	7.5	13.0
14-3	7/16/1997	0:00	7:00	30.56	7.98	46,034	29.9	120.4	7.5	13.0
14-3	7/16/1997	0:00	7:15	30.62	7.98	46,055	29.9	118.0	7.4	13.0

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
14-3	7/16/1997	0:00	7:30	30.57	46,113	30.0	117.9	7.4	13.0
14-3	7/16/1997	0:00	7:45	30.58	46,040	29.9	117.7	7.4	13.0
14-3	7/16/1997	0:00	8:00	30.68	46,076	29.9	121.2	7.6	12.9
14-3	7/16/1997	0:00	8:15	30.70	46,083	30.0	123.4	7.7	13.0
14-3	7/16/1997	0:00	8:30	30.76	46,104	30.0	126.9	7.9	13.0
14-3	7/16/1997	0:00	8:45	30.76	46,168	30.0	130.6	8.1	13.0
14-3	7/16/1997	0:00	9:00	30.74	46,161	30.0	129.5	8.1	13.0
14-3	7/16/1997	0:00	9:15	30.86	46,204	30.0	129.7	8.1	13.0
14-3	7/16/1997	0:00	9:30	30.90	46,154	30.0	131.4	8.2	13.0
14-3	7/16/1997	0:00	9:45	30.97	46,176	30.0	137.4	8.5	13.0
14-3	7/16/1997	0:00	10:00	30.97	46,176	30.0	145.5	9.0	13.0
14-3	7/16/1997	0:00	10:15	31.00	46,135	30.0	148.8	9.2	12.9
14-3	7/16/1997	0:00	10:30	31.07	46,149	30.0	150.2	9.3	12.9
14-3	7/16/1997	0:00	10:45	31.13	46,170	30.0	157.2	9.7	13.0
14-3	7/16/1997	0:00	11:00	31.09	46,028	29.9	152.2	9.4	13.0
14-3	7/16/1997	0:00	11:15	30.99	45,863	29.8	140.0	8.7	13.0
14-3	7/16/1997	0:00	11:30	31.29	46,038	29.9	166.0	10.3	13.0
14-3	7/16/1997	0:00	11:45	31.27	46,094	30.0	172.6	10.7	12.9
14-3	7/16/1997	0:00	12:00	31.31	46,109	30.0	175.4	10.8	12.9
14-3	7/16/1997	0:00	12:15	31.38	46,068	29.9	181.9	11.2	13.0
14-3	7/16/1997	0:00	12:30	31.40	46,075	29.9	172.5	10.6	13.0
14-3	7/16/1997	0:00	12:45	31.46	46,034	29.9	186.4	11.5	13.0
14-3	7/16/1997	0:00	13:00	31.46	46,034	29.9	191.3	11.8	12.9
14-3	7/16/1997	0:00	13:15	31.52	46,057	29.9	180.7	11.1	12.9
14-3	7/16/1997	0:00	13:30	31.56	46,072	29.9	191.8	11.8	12.9
14-3	7/16/1997	0:00	13:45	31.60	46,023	29.9	191.2	11.8	12.9
14-3	7/16/1997	0:00	14:00	31.68	45,990	29.9	182.8	11.2	12.9
14-3	7/16/1997	0:00	14:15	31.75	45,626	29.6	183.6	11.3	12.9
14-3	7/16/1997	0:00	14:30	31.87	45,350	29.4	185.3	11.4	12.9
14-3	7/16/1997	0:00	14:45	31.93	45,309	29.4	190.6	11.7	12.9
14-3	7/16/1997	0:00	15:00	32.06	45,292	29.4	188.2	11.5	13.0
14-3	7/16/1997	0:00	15:15	32.14	45,259	29.4	194.5	11.9	12.9
14-3	7/16/1997	0:00	15:30	32.31	45,129	29.3	194.7	11.9	12.9
14-3	7/16/1997	0:00	15:45	32.29	45,186	29.3	195.0	12.0	12.9
14-3	7/16/1997	0:00	16:00	32.39	45,161	29.3	194.6	12.0	12.9
14-3	7/16/1997	0:00	16:15	32.46	45,121	29.3	194.7	12.0	12.9
14-3	7/16/1997	0:00	16:30	32.48	45,129	29.3	195.5	12.0	12.9
14-3	7/16/1997	0:00	16:45	32.56	44,968	29.1	197.2	12.0	12.9
14-3	7/16/1997	0:00	17:00	32.52	44,886	29.1	199.3	12.1	12.9
14-3	7/16/1997	0:00	17:15	32.50	44,943	29.1	197.5	12.0	12.9
14-3	7/16/1997	0:00	17:30	32.46	44,992	29.2	195.4	11.9	12.9
14-3	7/16/1997	0:00	17:45	32.48	44,935	29.1	198.5	12.1	12.9
14-3	7/16/1997	0:00	18:00	32.44	44,788	29.0	198.6	12.1	12.9
14-3	7/16/1997	0:00	18:15	32.42	44,845	29.1	194.5	11.9	12.9
14-3	7/16/1997	0:00	18:30	32.37	44,829	29.0	194.4	11.9	12.9
14-3	7/16/1997	0:00	18:45	32.35	44,756	29.0	196.3	12.0	12.9
14-3	7/16/1997	0:00	19:00	32.29	44,797	29.0	190.7	11.7	12.9
14-3	7/16/1997	0:00	19:15	32.23	44,837	29.1	190.6	11.7	12.9
14-3	7/16/1997	0:00	19:30	32.21	44,765	29.0	187.4	11.5	12.9

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond µS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
14-3	7/16/1997	0:00	19:45	32.16	8.24	44,813	29.0	188.1	11.5	12.9
14-3	7/16/1997	0:00	20:00	32.12	8.23	44,863	29.1	182.3	11.2	12.8
14-3	7/16/1997	0:00	20:15	32.04	8.22	44,895	29.1	176.5	10.8	12.9
14-3	7/16/1997	0:00	20:30	32.00	8.21	44,945	29.1	170.2	10.4	12.9
14-3	7/16/1997	0:00	20:45	31.93	8.20	45,051	29.2	164.4	10.1	12.9
14-3	7/16/1997	0:00	21:00	31.89	8.20	45,035	29.2	163.6	10.1	12.9
14-3	7/16/1997	0:00	21:15	31.83	8.23	45,011	29.2	180.5	11.1	12.9
14-3	7/16/1997	0:00	21:30	31.83	8.24	45,205	29.3	187.5	11.5	12.9
14-3	7/16/1997	0:00	21:45	31.81	8.22	45,327	29.4	177.0	10.9	12.9
14-3	7/16/1997	0:00	22:00	31.71	8.22	45,288	29.4	176.3	10.9	12.9
14-3	7/16/1997	0:00	22:15	31.62	8.22	45,257	29.4	179.5	11.1	12.9
14-3	7/16/1997	0:00	22:30	31.68	8.16	45,546	29.6	164.6	10.1	13.0
14-3	7/16/1997	0:00	22:45	31.64	8.15	45,652	29.6	157.5	9.7	12.9
14-3	7/16/1997	0:00	23:00	31.54	8.18	45,614	29.6	160.7	9.9	12.9
14-3	7/16/1997	0:00	23:15	31.50	8.17	45,598	29.6	169.9	10.5	12.9
14-3	7/16/1997	0:00	23:30	31.42	8.20	45,504	29.5	168.7	10.4	12.9
14-3	7/16/1997	0:00	23:45	31.42	8.20	45,375	29.4	171.6	10.6	12.9
14-3	7/17/1997	0:00	0:00	31.31	8.20	45,402	29.5	169.8	10.5	12.9
14-3	7/17/1997	0:00	0:15	31.27	8.20	45,452	29.5	170.1	10.5	12.9
14-3	7/17/1997	0:00	0:30	31.25	8.20	45,444	29.5	168.8	10.5	12.8
14-3	7/17/1997	0:00	0:45	31.31	8.18	45,466	29.5	164.9	10.2	12.8
14-3	7/17/1997	0:00	1:00	31.27	8.18	45,516	29.5	162.7	10.1	12.8
14-3	7/17/1997	0:00	1:15	31.27	8.18	45,580	29.6	156.7	9.7	12.8
14-3	7/17/1997	0:00	1:30	31.15	8.18	45,536	29.6	154.1	9.6	12.8
14-3	7/17/1997	0:00	1:45	31.13	8.17	45,593	29.6	152.8	9.5	12.8
14-3	7/17/1997	0:00	2:00	31.13	8.17	45,593	29.6	149.8	9.3	12.8
14-3	7/17/1997	0:00	2:15	31.09	8.17	45,578	29.6	145.5	9.0	12.8
14-3	7/17/1997	0:00	2:30	30.94	8.16	45,720	29.7	143.5	8.9	12.8
14-3	7/17/1997	0:00	2:45	30.98	8.16	45,679	29.7	141.9	8.8	12.8
14-3	7/17/1997	0:00	3:00	30.94	8.16	45,592	29.6	139.4	8.7	12.8
14-3	7/17/1997	0:00	3:15	30.94	8.15	45,656	29.6	136.6	8.5	12.8
14-3	7/17/1997	0:00	3:30	30.89	8.15	45,586	29.6	134.8	8.4	12.8
14-3	7/17/1997	0:00	3:45	30.88	8.15	45,634	29.6	131.9	8.2	12.8
14-3	7/17/1997	0:00	4:00	30.85	8.15	45,572	29.6	130.3	8.1	12.8
14-3	7/17/1997	0:00	4:15	30.79	8.14	45,614	29.6	128.4	8.0	12.8
14-3	7/17/1997	0:00	4:30	30.76	8.14	45,656	29.6	129.6	8.1	12.8
14-3	7/17/1997	0:00	4:45	30.76	8.13	45,720	29.7	131.5	8.2	12.8
14-3	7/17/1997	0:00	5:00	30.78	8.12	45,791	29.7	128.8	8.0	12.8
14-3	7/17/1997	0:00	5:15	30.94	8.11	45,913	29.8	126.7	7.9	12.8
14-3	7/17/1997	0:00	5:30	30.97	8.11	45,920	29.8	125.1	7.8	12.8
14-3	7/17/1997	0:00	5:45	31.01	8.10	45,998	29.9	127.4	7.9	12.8
14-3	7/17/1997	0:00	6:00	30.92	8.10	45,970	29.9	126.1	7.8	12.9
14-3	7/17/1997	0:00	6:15	30.85	8.10	45,956	29.9	128.0	8.0	12.8
14-3	7/17/1997	0:00	6:30	30.82	8.10	45,933	29.8	128.1	8.0	12.8
14-3	7/17/1997	0:00	6:45	30.80	8.10	45,990	29.9	126.5	7.9	12.8
14-3	7/17/1997	0:00	7:00	30.78	8.10	45,983	29.9	122.2	7.6	12.8
14-3	7/17/1997	0:00	7:15	30.84	8.11	46,005	29.9	128.8	8.0	12.8
14-3	7/17/1997	0:00	7:30	30.86	8.11	46,076	30.0	130.5	8.1	12.8
14-3	7/17/1997	0:00	7:45	30.84	8.11	46,069	29.9	136.8	8.5	12.8

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
14-3	7/17/1997	0:00	8:00	30.84	8.11	46,133	30.0	144.8	9.0	12.8
14-3	7/17/1997	0:00	8:15	30.84	8.12	46,133	30.0	154.2	9.6	12.8
14-3	7/17/1997	0:00	8:30	30.86	8.13	46,140	30.0	156.0	9.7	12.8
14-3	7/17/1997	0:00	8:45	30.99	8.12	46,183	30.0	169.7	10.5	12.8
14-3	7/17/1997	0:00	9:00	31.03	8.12	46,198	30.0	172.9	10.7	12.8
14-3	7/17/1997	0:00	9:15	31.08	8.13	46,293	30.1	166.0	10.3	12.8
14-3	7/17/1997	0:00	9:30	31.17	8.12	46,378	30.2	183.6	11.4	12.8
14-3	7/17/1997	0:00	9:45	31.21	8.12	46,393	30.2	172.6	10.7	12.7
14-3	7/17/1997	0:00	10:00	31.21	8.13	46,393	30.2	179.7	11.1	12.8
14-3	7/17/1997	0:00	10:15	31.07	8.11	46,405	30.2	165.5	10.3	12.8
14-3	7/17/1997	0:00	10:30	31.09	8.12	46,413	30.2	163.1	10.1	12.8
14-3	7/17/1997	0:00	10:45	31.13	8.14	46,363	30.2	168.9	10.5	12.6
14-3	7/17/1997	0:00	11:00	31.19	8.17	46,386	30.2	188.4	11.7	12.8
14-3	7/17/1997	0:00	11:15	31.29	8.16	46,359	30.2	187.3	11.6	12.8
14-3	7/17/1997	0:00	11:30	31.38	8.15	46,196	30.0	181.8	11.2	12.8
14-3	7/17/1997	0:00	11:45	31.42	8.21	46,212	30.0	195.3	12.0	12.8
14-3	7/17/1997	0:00	12:00	31.48	8.23	46,234	30.1	195.5	12.0	12.7
14-3	7/17/1997	0:00	12:15	31.56	8.24	46,137	30.0	195.4	12.0	12.7
LB-3	8/19/1997	0:00	8:00	30.23	8.04	40,304	25.8	98.5	6.39	12.1
LB-3	8/19/1997	0:00	8:15	30.45	8.17	40,476	25.9	134.5	8.68	12.1
LB-3	8/19/1997	0:00	8:30	30.51	8.19	40,494	25.9	134.2	8.66	12.1
LB-3	8/19/1997	0:00	8:45	30.62	8.20	40,517	25.9	137.3	8.84	12.1
LB-3	8/19/1997	0:00	9:00	30.66	8.21	40,530	25.9	142.7	9.18	12.1
LB-3	8/19/1997	0:00	9:15	30.64	8.23	40,470	25.9	153.7	9.89	12.1
LB-3	8/19/1997	0:00	9:30	30.64	8.22	40,470	25.9	153.8	9.90	12.1
LB-3	8/19/1997	0:00	9:45	30.68	8.23	40,376	25.8	159.5	10.26	12.1
LB-3	8/19/1997	0:00	10:00	30.82	8.25	40,365	25.8	165.2	10.61	12.1
LB-3	8/19/1997	0:00	10:15	31.01	8.26	40,369	25.8	165.0	10.56	12.1
LB-3	8/19/1997	0:00	10:30	30.90	8.26	40,444	25.9	161.2	10.33	12.1
LB-3	8/19/1997	0:00	10:45	31.05	8.26	40,382	25.8	164.1	10.50	12.1
LB-3	8/19/1997	0:00	11:00	31.27	8.21	40,078	25.6	153.6	9.80	12.1
LB-3	8/19/1997	0:00	11:15	31.19	8.21	40,159	25.7	154.0	9.84	12.1
LB-3	8/19/1997	0:00	11:30	31.27	8.22	40,078	25.6	156.9	10.01	12.1
LB-3	8/19/1997	0:00	11:45	31.42	8.24	40,124	25.7	165.7	10.54	12.1
LB-3	8/19/1997	0:00	12:00	31.52	8.24	40,050	25.6	167.4	10.64	12.1
LB-3	8/19/1997	0:00	12:15	31.66	8.26	40,043	25.6	171.3	10.86	12.1
LB-3	8/19/1997	0:00	12:30	31.83	8.26	39,990	25.6	172.2	10.89	12.1
LB-3	8/19/1997	0:00	12:45	31.92	8.25	39,978	25.6	173.6	10.96	12.1
LB-3	8/19/1997	0:00	13:00	32.10	8.26	39,918	25.5	179.3	11.29	12.1
LB-3	8/19/1997	0:00	13:15	32.27	8.25	39,867	25.5	175.8	11.04	12.1
LB-3	8/19/1997	0:00	13:30	32.42	8.24	39,809	25.4	169.2	10.60	12.1
LB-3	8/19/1997	0:00	13:45	32.44	8.22	39,654	25.3	168.3	10.55	12.1
LB-3	8/19/1997	0:00	14:00	32.50	8.23	39,675	25.3	174.4	10.92	12.1
LB-3	8/19/1997	0:00	14:15	32.50	8.24	39,621	25.3	175.9	11.02	12.1
LB-3	8/19/1997	0:00	14:30	32.46	8.24	39,553	25.2	174.1	10.92	12.1
LB-3	8/19/1997	0:00	14:45	32.48	8.24	39,506	25.2	175.6	11.01	12.1
LB-3	8/19/1997	0:00	15:00	32.50	8.25	39,513	25.2	178.8	11.20	12.1
LB-3	8/19/1997	0:00	15:15	32.54	8.25	39,527	25.2	175.8	11.00	12.1

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
LB-3	8/19/1997	0:00	15:30	32.50	8.27	39,621	25.3	184.1	11.53
LB-3	8/19/1997	0:00	15:45	32.35	8.25	39,571	25.3	176.8	11.10
LB-3	8/19/1997	0:00	16:00	32.31	8.25	39,448	25.2	175.8	11.05
LB-3	8/19/1997	0:00	16:15	32.31	8.25	39,394	25.1	176.4	11.09
LB-3	8/19/1997	0:00	16:30	32.31	8.24	39,394	25.1	173.3	10.90
LB-3	8/19/1997	0:00	16:45	32.31	8.25	39,448	25.2	171.7	10.80
LB-3	8/19/1997	0:00	17:00	32.23	8.25	39,474	25.2	174.3	10.97
LB-3	8/19/1997	0:00	17:15	32.23	8.25	39,366	25.1	175.2	11.03
LB-3	8/19/1997	0:00	17:30	32.14	8.26	39,446	25.2	176.9	11.15
LB-3	8/19/1997	0:00	17:45	32.18	8.26	39,515	25.2	175.2	11.04
LB-3	8/19/1997	0:00	18:00	32.21	8.25	39,576	25.3	172.3	10.85
LB-3	8/19/1997	0:00	18:15	32.07	8.24	39,487	25.2	163.3	10.30
LB-3	8/19/1997	0:00	18:30	31.98	8.23	39,499	25.2	160.1	10.12
LB-3	8/19/1997	0:00	18:45	31.95	8.23	39,492	25.2	156.8	9.91
LB-3	8/19/1997	0:00	19:00	31.87	8.24	39,518	25.2	155.1	9.82
LB-3	8/19/1997	0:00	19:15	31.87	8.23	39,518	25.2	154.3	9.77
LB-3	8/19/1997	0:00	19:30	31.93	8.24	39,647	25.3	154.7	9.78
LB-3	8/19/1997	0:00	19:45	31.81	8.23	39,714	25.4	154.5	9.78
LB-3	8/19/1997	0:00	20:00	31.77	8.23	39,808	25.4	154.5	9.78
LB-3	8/19/1997	0:00	20:15	31.77	8.24	39,754	25.4	151.8	9.62
LB-3	8/19/1997	0:00	20:30	31.75	8.24	39,747	25.4	152.4	9.66
LB-3	8/19/1997	0:00	20:45	31.75	8.25	39,747	25.4	155.4	9.85
LB-3	8/19/1997	0:00	21:00	31.75	8.26	39,747	25.4	157.8	10.00
LB-3	8/19/1997	0:00	21:15	31.77	8.29	39,754	25.4	165.5	10.49
LB-3	8/19/1997	0:00	21:30	31.77	8.30	39,754	25.4	171.0	10.83
LB-3	8/19/1997	0:00	21:45	31.73	8.30	39,740	25.4	174.4	11.06
LB-3	8/19/1997	0:00	22:00	31.68	8.30	39,781	25.4	175.3	11.12
LB-3	8/19/1997	0:00	22:15	31.66	8.30	39,720	25.4	173.2	11.00
LB-3	8/19/1997	0:00	22:30	31.62	8.30	39,760	25.4	170.5	10.83
LB-3	8/19/1997	0:00	22:45	31.54	8.29	39,734	25.4	169.8	10.80
LB-3	8/19/1997	0:00	23:00	31.50	8.29	39,774	25.4	166.9	10.62
LB-3	8/19/1997	0:00	23:15	31.46	8.29	39,761	25.4	162.6	10.36
LB-3	8/19/1997	0:00	23:30	31.42	8.29	39,748	25.4	166.8	10.63
LB-3	8/19/1997	0:00	23:45	31.42	8.30	39,802	25.4	166.5	10.61
LB-3	8/20/1997	0:00	0:00	31.37	8.29	39,796	25.4	164.7	10.50
LB-3	8/20/1997	0:00	0:15	31.33	8.29	39,776	25.4	165.2	10.54
LB-3	8/20/1997	0:00	0:30	31.31	8.28	39,769	25.4	160.3	10.24
LB-3	8/20/1997	0:00	0:45	31.23	8.28	39,850	25.5	158.6	10.13
LB-3	8/20/1997	0:00	1:00	31.17	8.26	39,831	25.4	155.4	9.94
LB-3	8/20/1997	0:00	1:15	31.17	8.25	39,831	25.4	148.5	9.50
LB-3	8/20/1997	0:00	1:30	31.15	8.25	39,825	25.4	147.8	9.46
LB-3	8/20/1997	0:00	1:45	31.13	8.25	39,872	25.5	148.7	9.52
LB-3	8/20/1997	0:00	2:00	31.05	8.25	39,900	25.5	148.9	9.54
LB-3	8/20/1997	0:00	2:15	31.01	8.25	39,941	25.5	150.2	9.63
LB-3	8/20/1997	0:00	2:30	30.99	8.25	39,935	25.5	147.3	9.45
LB-3	8/20/1997	0:00	2:45	31.01	8.25	39,994	25.6	148.1	9.49
LB-3	8/20/1997	0:00	3:00	31.02	8.19	39,955	25.5	130.1	8.34
LB-3	8/20/1997	0:00	3:15	30.79	8.16	39,886	25.5	109.8	7.07
LB-3	8/20/1997	0:00	3:30	31.01	8.07	39,941	25.5	97.8	6.27

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
LB-3	8/20/1997	0:00	3:45	31.01	8.06	39,994	25.6	94.7	6.07	11.8
LB-3	8/20/1997	0:00	4:00	31.09	8.06	40,073	25.6	88.0	5.63	11.7
LB-3	8/20/1997	0:00	4:15	30.97	8.06	40,089	25.6	90.5	5.80	11.8
LB-3	8/20/1997	0:00	4:30	30.88	8.05	40,117	25.7	84.7	5.44	11.7
LB-3	8/20/1997	0:00	4:45	30.78	8.07	40,139	25.7	86.0	5.53	11.7
LB-3	8/20/1997	0:00	5:00	30.74	8.09	40,073	25.6	89.1	5.74	11.7
LB-3	8/20/1997	0:00	5:15	30.76	8.20	40,240	25.7	102.1	6.56	11.7
LB-3	8/20/1997	0:00	5:30	30.74	8.21	40,341	25.8	122.8	7.89	11.7
LB-3	8/20/1997	0:00	5:45	30.72	8.21	40,335	25.8	126.3	8.12	11.7
LB-3	8/20/1997	0:00	6:00	30.72	8.21	40,388	25.8	126.2	8.11	11.7
LB-3	8/20/1997	0:00	6:15	30.74	8.21	40,341	25.8	125.3	8.06	11.7
LB-3	8/20/1997	0:00	6:30	30.34	8.16	40,379	25.8	110.5	7.15	11.7
LB-3	8/20/1997	0:00	6:45	30.52	8.18	40,326	25.8	110.2	7.11	11.7
LB-3	8/20/1997	0:00	7:00	30.54	8.18	40,333	25.8	113.3	7.31	11.7
LB-3	8/20/1997	0:00	7:15	30.40	8.15	40,290	25.8	107.0	6.92	11.7
LB-3	8/20/1997	0:00	7:30	30.22	8.14	40,397	25.8	105.6	6.85	11.6
LB-3	8/20/1997	0:00	7:45	30.24	8.16	40,349	25.8	112.1	7.27	11.6
LB-3	8/20/1997	0:00	8:00	30.34	8.18	40,379	25.8	118.5	7.67	11.6
LB-3	8/20/1997	0:00	8:15	30.30	8.18	40,474	25.9	123.1	7.97	11.6
LB-3	8/20/1997	0:00	8:30	30.54	8.19	40,279	25.8	122.6	7.91	11.6
LB-3	8/20/1997	0:00	8:45	30.36	8.20	40,492	25.9	128.7	8.32	11.6
LB-3	8/20/1997	0:00	9:00	30.42	8.20	40,510	25.9	134.0	8.66	11.6
LB-3	8/20/1997	0:00	9:15	30.60	8.23	40,618	26.0	142.0	9.14	11.6
LB-3	8/20/1997	0:00	9:30	30.32	8.14	40,692	26.1	124.1	8.02	11.6
LB-3	8/20/1997	0:00	9:45	30.50	8.10	40,533	25.9	105.5	6.81	11.6
LB-3	8/20/1997	0:00	10:00	30.64	8.09	40,470	25.9	98.2	6.32	11.6
LB-3	8/20/1997	0:00	10:15	30.68	8.12	40,536	25.9	106.2	6.83	11.5
LB-3	8/20/1997	0:00	10:30	30.72	8.07	40,441	25.9	87.5	5.63	11.4
LB-3	8/20/1997	0:00	10:45	30.74	8.09	40,501	25.9	100.4	6.45	11.5
LB-3	8/20/1997	0:00	11:00	30.80	8.01	40,306	25.8	88.8	5.70	11.5
LB-3	8/20/1997	0:00	11:15	30.80	8.07	40,359	25.8	98.2	6.31	11.5
LB-3	8/20/1997	0:00	11:30	30.76	8.10	40,347	25.8	103.7	6.67	11.5
LB-3	8/20/1997	0:00	11:45	30.92	8.11	40,298	25.8	111.1	7.13	11.5
LB-3	8/20/1997	0:00	12:00	31.27	8.06	40,293	25.8	105.0	6.69	11.5
LB-3	8/20/1997	0:00	12:15	31.31	8.09	40,359	25.8	112.8	7.18	11.5
LB-3	8/20/1997	0:00	12:30	31.56	8.10	40,601	26.0	115.2	7.30	11.5
LB-3	8/20/1997	0:00	12:45	31.60	8.11	40,507	25.9	121.5	7.69	11.4
LB-3	8/20/1997	0:00	13:00	31.62	8.13	40,514	25.9	124.1	7.85	11.5
14-5	9/16/1996	0:00	8:30	29.18	8.07	39,061	24.9	102.5	6.79	14.2
14-5	9/16/1996	0:00	8:45	29.22	8.07	39,123	24.9	103.8	6.86	14.2
14-5	9/16/1996	0:00	9:00	29.32	8.06	39,254	25.0	99.5	6.57	14.2
14-5	9/16/1996	0:00	9:15	29.28	8.10	39,244	25.0	112.0	7.39	14.2
14-5	9/16/1996	0:00	9:30	29.42	8.08	39,228	25.0	116.0	7.65	14.2
14-5	9/16/1996	0:00	9:45	29.61	8.05	39,281	25.1	102.5	6.73	14.2
14-5	9/16/1996	0:00	10:00	29.61	8.05	39,334	25.1	100.1	6.57	14.2
14-5	9/16/1996	0:00	10:15	29.46	8.07	39,344	25.1	99.9	6.58	14.2
14-5	9/16/1996	0:00	10:30	29.38	8.05	39,428	25.2	101.6	6.70	14.2
14-5	9/16/1996	0:00	10:45	29.40	8.05	39,381	25.1	107.7	7.10	14.2

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
14-5	9/16/1996	0:00	11:00	29.39	8.05	39,441	25.2	103.0	6.78
14-5	9/16/1996	0:00	11:15	29.46	8.06	39,449	25.2	105.5	6.94
14-5	9/16/1996	0:00	11:30	29.50	8.06	39,459	25.2	107.1	7.04
14-5	9/16/1996	0:00	11:45	29.49	8.04	39,625	25.3	110.0	7.23
14-5	9/16/1996	0:00	12:00	29.48	8.04	39,718	25.4	122.5	8.05
14-5	9/16/1996	0:00	12:15	29.50	8.04	39,723	25.4	105.3	6.92
14-5	9/16/1996	0:00	12:30	29.54	8.05	39,733	25.4	106.5	6.99
14-5	9/16/1996	0:00	12:45	29.59	8.05	39,855	25.5	110.4	7.23
14-5	9/16/1996	0:00	13:00	29.63	8.05	39,919	25.5	113.1	7.41
14-5	9/16/1996	0:00	13:15	29.65	8.05	39,977	25.6	113.7	7.44
14-5	9/16/1996	0:00	13:30	29.77	8.09	39,746	25.4	123.7	8.09
14-5	9/16/1996	0:00	13:45	29.85	8.08	39,979	25.6	129.2	8.43
14-5	9/16/1996	0:00	14:00	29.93	8.09	40,002	25.6	134.9	8.78
14-5	9/16/1996	0:00	14:15	29.90	8.10	39,951	25.5	136.7	8.91
14-5	9/16/1996	0:00	14:30	29.77	8.10	39,694	25.3	133.4	8.72
14-5	9/16/1996	0:00	14:45	29.97	8.13	39,590	25.3	139.9	9.12
14-5	9/16/1996	0:00	15:00	29.81	8.14	39,440	25.2	132.9	8.69
14-5	9/16/1996	0:00	15:15	29.83	8.12	39,499	25.2	143.7	9.39
14-5	9/16/1996	0:00	15:30	30.01	8.18	39,496	25.2	147.9	9.64
14-5	9/16/1996	0:00	15:45	29.93	8.15	39,421	25.2	146.8	9.58
14-5	9/16/1996	0:00	16:00	30.15	8.18	39,430	25.2	158.2	10.28
14-5	9/16/1996	0:00	16:15	30.13	8.18	39,477	25.2	162.1	10.54
14-5	9/16/1996	0:00	16:30	30.26	8.18	39,353	25.1	158.3	10.28
14-5	9/16/1996	0:00	16:45	30.30	8.18	39,364	25.1	161.8	10.50
14-5	9/16/1996	0:00	17:00	30.32	8.18	39,317	25.1	157.1	10.19
14-5	9/16/1996	0:00	17:15	30.42	8.17	39,294	25.1	156.7	10.15
14-5	9/16/1996	0:00	17:30	30.44	8.18	39,299	25.1	162.1	10.50
14-5	9/16/1996	0:00	17:45	30.62	8.21	39,087	24.9	191.4	12.37
14-5	9/16/1996	0:00	18:00	30.66	8.24	38,887	24.8	175.5	11.34
14-5	9/16/1996	0:00	18:15	30.68	8.24	38,839	24.7	176.1	11.37
14-5	9/16/1996	0:00	18:30	30.62	8.26	38,662	24.6	181.0	11.71
14-5	9/16/1996	0:00	18:45	30.62	8.25	38,609	24.6	179.0	11.59
14-5	9/16/1996	0:00	19:00	30.57	8.25	38,658	24.6	177.7	11.51
14-5	9/16/1996	0:00	19:15	30.58	8.26	38,544	24.5	186.8	12.10
14-5	9/16/1996	0:00	19:30	30.61	8.25	38,616	24.6	179.2	11.60
14-5	9/16/1996	0:00	19:45	30.58	8.26	38,544	24.5	179.4	11.62
14-5	9/16/1996	0:00	20:00	30.60	8.24	38,603	24.6	176.3	11.42
14-5	9/16/1996	0:00	20:15	30.52	8.27	38,421	24.4	189.6	12.30
14-5	9/16/1996	0:00	20:30	30.52	8.26	38,368	24.4	183.2	11.89
14-5	9/16/1996	0:00	20:45	30.34	8.26	38,157	24.3	183.3	11.95
14-5	9/16/1996	0:00	21:00	30.26	8.25	38,188	24.3	178.7	11.66
14-5	9/16/1996	0:00	21:15	30.19	8.25	38,178	24.3	172.9	11.29
14-5	9/16/1996	0:00	21:30	30.11	8.24	38,149	24.2	171.4	11.21
14-5	9/16/1996	0:00	21:45	30.07	8.24	38,191	24.3	168.5	11.03
14-5	9/16/1996	0:00	22:00	30.04	8.25	38,193	24.3	160.9	10.54
14-5	9/16/1996	0:00	22:15	30.11	8.24	38,466	24.5	169.6	11.08
14-5	9/16/1996	0:00	22:30	30.15	8.21	38,689	24.6	167.9	10.95
14-5	9/16/1996	0:00	22:45	30.11	8.22	38,678	24.6	165.3	10.79
14-5	9/16/1996	0:00	23:00	30.20	8.17	38,912	24.8	148.7	9.68

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
14-5	9/16/1996	0:00	23:15	30.18	8.14	39,118	24.9	143.3	9.33	14.0
14-5	9/16/1996	0:00	23:30	30.05	8.11	39,455	25.2	131.6	8.57	14.0
14-5	9/16/1996	0:00	23:45	29.91	8.15	39,204	25.0	132.8	8.68	14.0
14-5	9/17/1996	0:00	0:00	29.82	8.15	38,978	24.8	129.0	8.45	13.9
14-5	9/17/1996	0:00	0:15	29.83	8.14	39,076	24.9	125.7	8.23	14.0
14-5	9/17/1996	0:00	0:30	29.79	8.16	39,065	24.9	136.8	8.96	14.0
14-5	9/17/1996	0:00	0:45	29.71	8.12	39,308	25.1	131.9	8.64	14.0
14-5	9/17/1996	0:00	1:00	29.75	8.11	39,319	25.1	134.3	8.80	14.0
14-5	9/17/1996	0:00	1:15	29.81	8.11	39,335	25.1	132.6	8.67	14.0
14-5	9/17/1996	0:00	1:30	29.79	8.11	39,382	25.1	127.4	8.34	14.0
14-5	9/17/1996	0:00	1:45	29.83	8.10	39,393	25.1	119.6	7.82	14.0
14-5	9/17/1996	0:00	2:00	29.83	8.08	39,499	25.2	116.8	7.63	14.0
14-5	9/17/1996	0:00	2:15	29.69	8.07	39,619	25.3	114.0	7.46	14.0
14-5	9/17/1996	0:00	2:30	29.59	8.08	39,592	25.3	114.0	7.48	14.0
14-5	9/17/1996	0:00	2:45	29.56	8.08	39,633	25.3	116.5	7.65	14.0
14-5	9/17/1996	0:00	3:00	29.56	8.07	39,686	25.3	120.9	7.93	14.0
14-5	9/17/1996	0:00	3:15	29.56	8.07	39,686	25.3	122.3	8.03	13.9
14-5	9/17/1996	0:00	3:30	29.57	8.06	39,745	25.4	112.5	7.38	13.9
14-5	9/17/1996	0:00	3:45	29.39	8.11	39,388	25.1	127.7	8.42	13.9
14-5	9/17/1996	0:00	4:00	29.26	8.13	38,976	24.8	130.6	8.64	13.9
14-5	9/17/1996	0:00	4:15	29.26	8.13	39,133	24.9	132.1	8.74	13.9
14-5	9/17/1996	0:00	4:30	29.39	8.09	39,388	25.1	120.9	7.97	13.9
14-5	9/17/1996	0:00	4:45	29.36	8.12	39,265	25.0	127.8	8.43	13.9
14-5	9/17/1996	0:00	5:00	29.47	8.11	39,093	24.9	124.4	8.20	13.9
14-5	9/17/1996	0:00	5:15	29.51	8.10	39,262	25.0	115.1	7.57	13.9
14-5	9/17/1996	0:00	5:30	29.52	8.11	38,885	24.8	134.5	8.86	13.9
14-5	9/17/1996	0:00	5:45	29.42	8.13	38,806	24.7	121.4	8.01	13.9
14-5	9/17/1996	0:00	6:00	29.36	8.15	38,686	24.6	133.0	8.79	13.9
14-5	9/17/1996	0:00	6:15	29.33	8.15	38,741	24.7	131.9	8.73	13.9
14-5	9/17/1996	0:00	6:30	29.32	8.14	38,728	24.7	131.8	8.72	13.9
14-5	9/17/1996	0:00	6:45	29.21	8.14	38,553	24.5	122.3	8.11	13.9
14-5	9/17/1996	0:00	7:00	29.22	8.12	38,703	24.6	124.5	8.25	13.9
14-5	9/17/1996	0:00	7:15	29.22	8.12	38,650	24.6	120.0	7.95	13.9
14-5	9/17/1996	0:00	7:30	29.12	8.13	38,678	24.6	128.3	8.52	13.9
14-5	9/17/1996	0:00	7:45	29.01	8.14	38,556	24.5	123.3	8.20	13.9
14-5	9/17/1996	0:00	8:00	28.88	8.15	38,514	24.5	142.6	9.51	13.9
14-5	9/17/1996	0:00	8:15	28.79	8.16	38,542	24.5	126.3	8.44	13.9
14-5	9/17/1996	0:00	8:30	28.87	8.14	38,626	24.6	134.9	9.00	13.8
14-5	9/17/1996	0:00	8:45	28.82	8.14	38,657	24.6	138.0	9.21	13.9
14-5	9/17/1996	0:00	9:00	28.92	8.15	38,681	24.6	125.7	8.38	13.8
14-5	9/17/1996	0:00	9:15	28.92	8.14	38,734	24.7	125.7	8.37	13.8
14-5	9/17/1996	0:00	9:30	29.11	8.09	38,896	24.8	128.4	8.52	13.8
14-5	9/17/1996	0:00	9:45	29.24	8.06	39,076	24.9	126.3	8.35	13.8
14-5	9/17/1996	0:00	10:00	29.18	8.08	39,008	24.9	116.5	7.71	13.8
14-5	9/17/1996	0:00	10:15	28.99	8.12	38,813	24.7	133.0	8.84	13.8
14-5	9/17/1996	0:00	10:30	29.01	8.14	38,713	24.6	140.3	9.33	13.8
14-5	9/17/1996	0:00	10:45	29.08	8.15	38,668	24.6	143.5	9.54	13.8
14-5	9/17/1996	0:00	11:00	29.23	8.12	38,821	24.7	136.7	9.05	13.8
14-5	9/17/1996	0:00	11:15	29.26	8.09	38,923	24.8	129.1	8.54	13.8

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
14-5	9/17/1996	0:00	11:30	29.17	8.09	38,911	24.8	119.6	7.93
14-5	9/17/1996	0:00	11:45	29.24	8.11	38,866	24.8	135.4	8.96
14-5	9/17/1996	0:00	12:00	29.28	8.10	38,823	24.7	128.2	8.49
14-5	9/17/1996	0:00	12:15	29.32	8.10	38,939	24.8	129.3	8.54
14-5	9/17/1996	0:00	12:30	29.34	8.09	38,944	24.8	120.9	7.99
14-5	9/17/1996	0:00	12:45	29.36	8.09	39,002	24.9	130.4	8.61
14-5	9/17/1996	0:00	13:00	29.40	8.08	39,065	24.9	133.7	8.82
14-5	9/17/1996	0:00	13:15	29.41	8.08	39,183	25.0	136.5	9.00
14-5	9/17/1996	0:00	13:30	29.44	8.08	39,233	25.0	135.8	8.94
14-5	9/17/1996	0:00	13:45	29.49	8.09	39,256	25.0	162.3	10.68
14-5	9/17/1996	0:00	14:00	29.56	8.09	39,370	25.1	141.1	9.27
14-5	9/17/1996	0:00	14:15	29.61	8.10	39,386	25.1	145.5	9.55
14-5	9/17/1996	0:00	14:30	29.65	8.10	39,397	25.1	149.2	9.79
14-5	9/17/1996	0:00	14:45	29.69	8.11	39,415	25.1	147.7	9.68
14-5	9/17/1996	0:00	15:00	29.75	8.11	39,529	25.2	154.6	10.11
13-1	10/8/1997	0:00	7:00	27.08	7.99	41,629	26.7	100.6	6.85
13-1	10/8/1997	0:00	7:15	27.13	8.00	41,431	26.6	96.9	6.60
13-1	10/8/1997	0:00	7:30	27.14	8.01	41,107	26.4	95.2	6.49
13-1	10/8/1997	0:00	7:45	27.06	8.01	40,679	26.1	93.9	6.43
13-1	10/8/1997	0:00	8:00	26.98	8.00	40,190	25.7	92.2	6.33
13-1	10/8/1997	0:00	8:15	27.07	7.99	39,882	25.5	88.1	6.05
13-1	10/8/1997	0:00	8:30	27.06	7.98	39,627	25.3	84.9	5.83
13-1	10/8/1997	0:00	8:45	27.09	7.97	39,688	25.3	82.8	5.68
13-1	10/8/1997	0:00	9:00	27.17	7.97	39,756	25.4	83.2	5.70
13-1	10/8/1997	0:00	9:15	27.12	7.98	39,263	25.0	83.7	5.75
13-1	10/8/1997	0:00	9:30	27.14	7.98	38,951	24.8	86.0	5.92
13-1	10/8/1997	0:00	9:45	27.19	7.99	38,813	24.7	87.3	6.01
13-1	10/8/1997	0:00	10:00	27.28	7.99	38,821	24.7	88.2	6.06
13-1	10/8/1997	0:00	10:15	27.26	8.00	38,449	24.5	91.8	6.32
13-1	10/8/1997	0:00	10:30	27.30	8.00	38,258	24.3	92.4	6.36
13-1	10/8/1997	0:00	10:45	27.38	8.00	38,221	24.3	93.5	6.43
13-1	10/8/1997	0:00	11:00	27.43	8.00	38,221	24.3	95.2	6.54
13-1	10/8/1997	0:00	11:15	27.40	8.01	37,804	24.0	97.9	6.74
13-1	10/8/1997	0:00	11:30	27.50	8.01	37,929	24.1	98.8	6.79
13-1	10/8/1997	0:00	11:45	27.52	8.02	37,346	23.7	101.0	6.95
13-1	10/8/1997	0:00	12:00	27.57	8.02	37,524	23.8	101.1	6.95
13-1	10/8/1997	0:00	12:15	27.62	8.01	37,155	23.5	102.8	7.07
13-1	10/8/1997	0:00	12:30	27.65	8.03	36,802	23.3	106.7	7.34
13-1	10/8/1997	0:00	12:45	27.65	8.03	36,327	23.0	107.7	7.43
13-1	10/8/1997	0:00	13:00	27.76	8.05	35,759	22.6	112.2	7.74
13-1	10/8/1997	0:00	13:15	27.76	8.05	36,667	23.2	113.8	7.82
13-1	10/8/1997	0:00	13:30	27.77	8.06	35,763	22.6	115.7	7.98
13-1	10/8/1997	0:00	13:45	27.65	8.04	36,380	23.0	112.6	7.76
13-1	10/8/1997	0:00	14:00	27.58	8.05	36,515	23.1	111.7	7.71
13-1	10/8/1997	0:00	14:15	27.36	8.06	36,744	23.3	114.4	7.92
13-1	10/8/1997	0:00	14:30	27.33	8.07	36,518	23.1	113.5	7.86
13-1	10/8/1997	0:00	14:45	27.40	8.02	39,594	25.3	105.8	7.23
13-1	10/8/1997	0:00	15:00	27.53	8.02	40,308	25.8	109.3	7.43

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
13-1	10/8/1997	0:00	15:15	27.68	8.03	40,330	25.8	112.8	7.65	13.2
13-1	10/8/1997	0:00	15:30	27.67	8.04	40,497	25.9	114.9	7.78	13.2
13-1	10/8/1997	0:00	15:45	27.66	8.04	40,800	26.1	113.0	7.65	13.2
13-1	10/8/1997	0:00	16:00	27.69	8.07	40,606	26.0	120.4	8.15	13.2
13-1	10/8/1997	0:00	16:15	27.87	8.11	40,322	25.8	131.2	8.87	13.2
13-1	10/8/1997	0:00	16:30	27.76	8.10	40,255	25.7	129.7	8.78	13.2
13-1	10/8/1997	0:00	16:45	27.79	8.10	40,304	25.8	129.1	8.74	13.2
13-1	10/8/1997	0:00	17:00	27.79	8.11	40,304	25.8	128.7	8.70	13.2
13-1	10/8/1997	0:00	17:15	27.82	8.12	40,374	25.8	130.4	8.82	13.2
13-1	10/8/1997	0:00	17:30	27.90	8.12	40,339	25.8	132.2	8.92	13.2
13-1	10/8/1997	0:00	17:45	27.82	8.11	40,585	26.0	127.4	8.60	13.2
13-1	10/8/1997	0:00	18:00	27.79	8.10	40,673	26.0	124.6	8.41	13.2
13-1	10/8/1997	0:00	18:15	27.79	8.11	40,673	26.0	124.9	8.44	13.2
13-1	10/8/1997	0:00	18:30	27.79	8.11	40,726	26.1	125.8	8.50	13.2
13-1	10/8/1997	0:00	18:45	27.77	8.11	40,774	26.1	124.3	8.39	13.2
13-1	10/8/1997	0:00	19:00	27.73	8.10	40,827	26.2	123.0	8.31	13.2
13-1	10/8/1997	0:00	19:15	27.72	8.11	40,866	26.2	122.2	8.26	13.2
13-1	10/8/1997	0:00	19:30	27.69	8.12	40,765	26.1	121.7	8.23	13.2
13-1	10/8/1997	0:00	19:45	27.61	8.11	40,906	26.2	118.4	8.01	13.1
13-1	10/8/1997	0:00	20:00	27.59	8.10	40,954	26.2	116.7	7.90	13.1
13-1	10/8/1997	0:00	20:15	27.55	8.12	40,734	26.1	120.4	8.17	13.1
13-1	10/8/1997	0:00	20:30	27.58	8.11	40,730	26.1	117.5	7.96	13.1
13-1	10/8/1997	0:00	20:45	27.61	8.10	40,853	26.2	113.8	7.70	13.1
13-1	10/8/1997	0:00	21:00	27.52	8.11	40,717	26.1	118.9	8.07	13.1
13-1	10/8/1997	0:00	21:15	27.53	8.11	40,572	26.0	117.0	7.94	13.1
13-1	10/8/1997	0:00	21:30	27.58	8.12	40,151	25.7	120.7	8.20	12.9
13-1	10/8/1997	0:00	21:45	27.50	8.11	40,353	25.8	117.0	7.96	13.1
13-1	10/8/1997	0:00	22:00	27.46	8.10	40,291	25.8	114.8	7.81	13.1
13-1	10/8/1997	0:00	22:15	27.47	8.13	39,915	25.5	121.9	8.31	13.1
13-1	10/8/1997	0:00	22:30	27.51	8.13	39,830	25.4	121.8	8.30	13.1
13-1	10/8/1997	0:00	22:45	27.57	8.12	39,579	25.3	117.0	7.97	13.1
13-1	10/8/1997	0:00	23:00	27.58	8.11	39,413	25.1	114.6	7.81	13.1
13-1	10/8/1997	0:00	23:15	27.53	8.10	39,360	25.1	113.3	7.73	13.1
13-1	10/8/1997	0:00	23:30	27.54	8.10	39,352	25.1	111.5	7.60	13.1
13-1	10/8/1997	0:00	23:45	27.56	8.10	39,725	25.4	109.4	7.45	13.1
13-1	10/9/1997	0:00	0:00	27.56	8.09	39,777	25.4	106.8	7.27	13.1
13-1	10/9/1997	0:00	0:15	27.61	8.08	39,798	25.4	105.5	7.17	13.1
13-1	10/9/1997	0:00	0:30	27.59	8.08	39,847	25.5	109.6	7.46	13.1
13-1	10/9/1997	0:00	0:45	27.49	8.06	40,972	26.3	102.7	6.96	13.1
13-1	10/9/1997	0:00	1:00	27.50	8.05	41,090	26.3	95.6	6.48	13.1
13-1	10/9/1997	0:00	1:15	27.49	8.06	41,024	26.3	100.6	6.82	13.0
13-1	10/9/1997	0:00	1:30	27.36	8.09	40,850	26.2	105.5	7.18	13.1
13-1	10/9/1997	0:00	1:45	27.44	8.06	41,077	26.3	103.7	7.04	13.1
13-1	10/9/1997	0:00	2:00	27.42	8.06	41,231	26.4	99.1	6.73	13.1
13-1	10/9/1997	0:00	2:15	27.38	8.07	41,380	26.6	103.4	7.01	13.1
13-1	10/9/1997	0:00	2:30	27.32	8.08	41,420	26.6	105.9	7.19	13.1
13-1	10/9/1997	0:00	2:45	27.29	8.09	41,508	26.6	108.3	7.36	13.0
13-1	10/9/1997	0:00	3:00	27.26	8.09	41,553	26.7	108.6	7.38	12.9
13-1	10/9/1997	0:00	3:15	27.31	8.08	41,723	26.8	107.7	7.30	13.0

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
13-1	10/9/1997	0:00	3:30	27.32	8.07	41,946	27.0	106.4	7.21	13.0
13-1	10/9/1997	0:00	3:45	27.29	8.07	41,938	27.0	104.0	7.05	13.0
13-1	10/9/1997	0:00	4:00	27.30	8.07	42,048	27.0	104.3	7.07	13.0
13-1	10/9/1997	0:00	4:15	27.29	8.07	42,087	27.1	103.3	7.00	13.0
13-1	10/9/1997	0:00	4:30	27.27	8.06	42,039	27.0	101.8	6.90	13.0
13-1	10/9/1997	0:00	4:45	27.36	8.05	42,113	27.1	97.4	6.59	13.0
13-1	10/9/1997	0:00	5:00	27.32	8.04	42,051	27.0	94.5	6.40	13.0
13-1	10/9/1997	0:00	5:15	27.26	8.05	42,026	27.0	94.0	6.38	13.0
13-1	10/9/1997	0:00	5:30	27.23	8.04	42,030	27.0	94.3	6.39	13.0
13-1	10/9/1997	0:00	5:45	27.21	8.05	42,079	27.1	95.2	6.46	12.9
13-1	10/9/1997	0:00	6:00	27.23	8.05	42,136	27.1	93.6	6.35	13.0
13-1	10/9/1997	0:00	6:15	27.26	8.05	42,184	27.1	92.9	6.29	13.0
13-1	10/9/1997	0:00	6:30	27.21	8.04	42,236	27.2	92.4	6.27	13.0
13-1	10/9/1997	0:00	6:45	27.19	8.05	42,232	27.2	93.0	6.31	13.0
13-1	10/9/1997	0:00	7:00	27.15	8.05	42,171	27.1	94.2	6.39	13.0
13-1	10/9/1997	0:00	7:15	27.05	8.06	42,032	27.0	95.8	6.52	13.0
13-1	10/9/1997	0:00	7:30	27.08	8.03	41,944	27.0	88.6	6.03	13.0
13-1	10/9/1997	0:00	7:45	26.96	8.03	41,814	26.9	87.0	5.93	13.0
13-1	10/9/1997	0:00	8:00	26.91	8.03	41,740	26.8	89.5	6.11	13.0
13-1	10/9/1997	0:00	8:15	26.87	8.04	41,374	26.6	88.1	6.03	13.0
13-1	10/9/1997	0:00	8:30	26.85	8.03	41,002	26.3	85.1	5.84	12.9
13-1	10/9/1997	0:00	8:45	26.85	8.03	40,372	25.8	85.1	5.85	12.9
13-1	10/9/1997	0:00	9:00	26.90	8.02	40,174	25.7	83.9	5.77	13.0
13-1	10/9/1997	0:00	9:15	26.99	8.02	40,234	25.7	83.5	5.73	12.9
13-1	10/9/1997	0:00	9:30	26.98	8.01	40,242	25.7	83.1	5.71	12.9
13-1	10/9/1997	0:00	9:45	27.04	8.01	40,306	25.8	83.3	5.71	12.9
ML-1	11/12/1997	0:00	8:00	20.67	7.15	0.78	0.4	35.8	3.22	14.5
ML-1	11/12/1997	0:00	8:15	20.66	7.15	0.72	0.4	40.0	3.60	14.5
ML-1	11/12/1997	0:00	8:30	20.69	7.15	0.72	0.4	38.2	3.44	14.5
ML-1	11/12/1997	0:00	8:45	20.72	7.15	0.66	0.3	40.1	3.61	14.5
ML-1	11/12/1997	0:00	9:00	20.75	7.15	0.70	0.4	39.0	3.51	14.4
ML-1	11/12/1997	0:00	9:15	20.78	7.15	0.66	0.3	40.0	3.60	14.5
ML-1	11/12/1997	0:00	9:30	20.94	7.17	0.69	0.4	40.6	3.64	14.6
ML-1	11/12/1997	0:00	9:45	20.99	7.16	0.62	0.3	40.0	3.58	14.4
ML-1	11/12/1997	0:00	10:00	20.97	7.15	0.58	0.3	40.7	3.65	14.4
ML-1	11/12/1997	0:00	10:15	21.00	7.15	0.59	0.3	40.4	3.62	14.4
ML-1	11/12/1997	0:00	10:30	20.99	7.15	0.49	0.2	40.9	3.67	14.4
ML-1	11/12/1997	0:00	10:45	21.05	7.15	0.53	0.3	40.3	3.61	14.3
ML-1	11/12/1997	0:00	11:00	21.15	7.16	0.56	0.3	39.2	3.50	14.3
ML-1	11/12/1997	0:00	11:15	21.15	7.16	0.56	0.3	40.0	3.57	14.3
ML-1	11/12/1997	0:00	11:30	21.10	7.16	0.58	0.3	39.2	3.50	14.4
ML-1	11/12/1997	0:00	11:45	21.28	7.18	0.62	0.3	40.2	3.58	14.4
ML-1	11/12/1997	0:00	12:00	21.28	7.17	0.75	0.4	37.9	3.38	14.3
ML-1	11/12/1997	0:00	12:15	21.30	7.17	1.02	0.5	39.0	3.47	14.3
ML-1	11/12/1997	0:00	12:30	21.52	7.20	1.37	0.7	40.4	3.58	14.3
ML-1	11/12/1997	0:00	12:45	21.62	7.21	1.56	0.8	40.3	3.55	14.4
ML-1	11/12/1997	0:00	13:00	21.73	7.22	1.87	1.0	40.5	3.56	14.3
ML-1	11/12/1997	0:00	13:15	21.81	7.24	2.06	1.1	41.9	3.67	14.3

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
ML-1	11/12/1997	0:00	13:30	21.83	7.25	2.11	1.1	40.4	3.54	14.3
ML-1	11/12/1997	0:00	13:45	21.87	7.27	2.19	1.2	39.9	3.49	14.3
ML-1	11/12/1997	0:00	14:00	21.87	7.29	2.30	1.2	41.8	3.66	14.3
ML-1	11/12/1997	0:00	14:15	21.86	7.30	2.44	1.3	42.4	3.71	14.3
ML-1	11/12/1997	0:00	14:30	21.90	7.33	2.75	1.5	43.9	3.84	14.3
ML-1	11/12/1997	0:00	14:45	21.91	7.35	2.95	1.6	43.8	3.82	14.2
ML-1	11/12/1997	0:00	15:00	21.94	7.36	3.08	1.7	43.6	3.80	14.2
ML-1	11/12/1997	0:00	15:15	21.95	7.37	3.15	1.7	43.8	3.81	14.2
ML-1	11/12/1997	0:00	15:30	21.99	7.38	3.23	1.7	41.8	3.64	14.2
ML-1	11/12/1997	0:00	15:45	22.06	7.39	3.28	1.8	42.6	3.70	14.2
ML-1	11/12/1997	0:00	16:00	22.09	7.40	3.30	1.8	40.9	3.55	14.2
ML-1	11/12/1997	0:00	16:15	22.08	7.39	3.24	1.8	42.3	3.68	14.2
ML-1	11/12/1997	0:00	16:30	22.02	7.39	3.17	1.7	44.1	3.84	14.2
ML-1	11/12/1997	0:00	16:45	22.06	7.37	2.94	1.6	42.8	3.72	14.2
ML-1	11/12/1997	0:00	17:00	22.03	7.36	2.86	1.5	42.6	3.71	14.1
ML-1	11/12/1997	0:00	17:15	22.04	7.36	2.73	1.5	43.1	3.76	14.2
ML-1	11/12/1997	0:00	17:30	22.03	7.34	2.53	1.4	42.6	3.71	14.2
ML-1	11/12/1997	0:00	17:45	22.01	7.34	2.58	1.4	38.6	3.37	14.2
ML-1	11/12/1997	0:00	18:00	22.02	7.34	2.31	1.2	38.8	3.38	14.2
ML-1	11/12/1997	0:00	18:15	22.09	7.33	2.11	1.1	41.4	3.61	14.2
ML-1	11/12/1997	0:00	18:30	22.05	7.33	2.13	1.1	39.5	3.45	14.2
ML-1	11/12/1997	0:00	18:45	22.08	7.32	1.98	1.1	41.7	3.64	14.1
ML-1	11/12/1997	0:00	19:00	22.07	7.31	1.93	1.0	39.9	3.48	14.1
ML-1	11/12/1997	0:00	19:15	22.06	7.31	1.75	0.9	41.7	3.64	14.1
ML-1	11/12/1997	0:00	19:30	22.07	7.30	1.48	0.8	42.6	3.72	14.1
ML-1	11/12/1997	0:00	19:45	22.05	7.29	1.39	0.7	42.6	3.73	14.1
ML-1	11/12/1997	0:00	20:00	22.02	7.28	1.27	0.7	41.6	3.64	14.1
ML-1	11/12/1997	0:00	20:15	21.99	7.28	1.13	0.6	40.3	3.53	14.1
ML-1	11/12/1997	0:00	20:30	21.96	7.28	1.04	0.5	39.7	3.49	14.1
ML-1	11/12/1997	0:00	20:45	21.96	7.27	1.04	0.5	38.0	3.33	14.1
ML-1	11/12/1997	0:00	21:00	21.95	7.28	1.00	0.5	33.4	2.93	14.1
ML-1	11/12/1997	0:00	21:15	21.95	7.27	0.99	0.5	39.1	3.43	14.1
ML-1	11/12/1997	0:00	21:30	21.94	7.27	1.04	0.5	42.0	3.69	14.1
ML-1	11/12/1997	0:00	21:45	21.95	7.26	1.32	0.7	41.1	3.61	14.1
ML-1	11/12/1997	0:00	22:00	21.96	7.27	1.43	0.8	42.5	3.72	14.1
ML-1	11/12/1997	0:00	22:15	22.00	7.28	1.43	0.8	38.4	3.37	14.1
ML-1	11/12/1997	0:00	22:30	21.99	7.28	1.51	0.8	41.1	3.60	14.1
ML-1	11/12/1997	0:00	22:45	21.96	7.29	1.54	0.8	40.1	3.51	14.0
ML-1	11/12/1997	0:00	23:00	21.93	7.29	1.71	0.9	41.5	3.64	14.1
ML-1	11/12/1997	0:00	23:15	21.96	7.31	1.91	1.0	42.7	3.74	14.1
ML-1	11/12/1997	0:00	23:30	22.02	7.33	2.52	1.4	43.2	3.76	14.1
ML-1	11/12/1997	0:00	23:45	22.01	7.34	2.60	1.4	43.1	3.75	14.1
ML-1	11/13/1997	0:00	0:00	21.99	7.36	2.76	1.5	42.7	3.72	14.0
ML-1	11/13/1997	0:00	0:15	21.96	7.37	2.89	1.6	43.3	3.77	14.0
ML-1	11/13/1997	0:00	0:30	21.97	7.39	3.08	1.7	43.1	3.75	14.0
ML-1	11/13/1997	0:00	0:45	21.99	7.40	3.39	1.8	42.9	3.73	14.0
ML-1	11/13/1997	0:00	1:00	22.03	7.42	3.79	2.1	44.7	3.88	14.1
ML-1	11/13/1997	0:00	1:15	22.04	7.43	4.02	2.2	45.8	3.97	14.0
ML-1	11/13/1997	0:00	1:30	22.07	7.44	4.38	2.4	45.6	3.94	14.0

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
ML-1	11/13/1997	0:00	1:45	22.08	7.45	4.58	2.5	45.6	3.94	14.0
ML-1	11/13/1997	0:00	2:00	22.08	7.46	4.83	2.6	46.7	4.03	14.1
ML-1	11/13/1997	0:00	2:15	22.08	7.47	5.12	2.8	45.5	3.92	14.0
ML-1	11/13/1997	0:00	2:30	22.09	7.47	5.37	3.0	46.5	4.01	14.0
ML-1	11/13/1997	0:00	2:45	22.09	7.48	5.65	3.1	46.7	4.02	14.0
ML-1	11/13/1997	0:00	3:00	22.11	7.49	5.95	3.3	47.1	4.05	14.0
ML-1	11/13/1997	0:00	3:15	22.11	7.49	6.23	3.4	46.1	3.96	14.0
ML-1	11/13/1997	0:00	3:30	22.12	7.50	6.40	3.5	44.1	3.78	14.1
ML-1	11/13/1997	0:00	3:45	22.13	7.50	6.61	3.7	41.9	3.59	14.0
ML-1	11/13/1997	0:00	4:00	22.12	7.50	6.20	3.4	45.3	3.89	14.0
ML-1	11/13/1997	0:00	4:15	22.11	7.49	5.80	3.2	46.3	3.98	14.0
ML-1	11/13/1997	0:00	4:30	22.10	7.48	5.50	3.0	43.9	3.78	14.0
ML-1	11/13/1997	0:00	4:45	22.08	7.46	5.04	2.8	43.8	3.78	14.0
ML-1	11/13/1997	0:00	5:00	22.07	7.45	4.82	2.6	45.0	3.89	14.0
ML-1	11/13/1997	0:00	5:15	22.08	7.45	4.96	2.7	44.5	3.84	13.9
ML-1	11/13/1997	0:00	5:30	22.08	7.45	4.70	2.6	44.6	3.86	13.8
ML-1	11/13/1997	0:00	5:45	22.08	7.44	4.57	2.5	41.8	3.61	14.0
ML-1	11/13/1997	0:00	6:00	22.07	7.43	4.39	2.4	43.9	3.79	13.9
ML-1	11/13/1997	0:00	6:15	22.08	7.42	4.16	2.3	43.8	3.79	13.9
ML-1	11/13/1997	0:00	6:30	22.06	7.40	3.80	2.1	40.1	3.48	13.9
ML-1	11/13/1997	0:00	6:45	22.06	7.40	3.79	2.1	41.3	3.58	13.9
ML-1	11/13/1997	0:00	7:00	22.06	7.39	3.54	1.9	39.7	3.45	13.9
ML-1	11/13/1997	0:00	7:15	22.06	7.37	3.38	1.8	39.6	3.44	13.9
ML-1	11/13/1997	0:00	7:30	22.06	7.36	3.08	1.7	39.5	3.44	13.9
ML-1	11/13/1997	0:00	7:45	22.06	7.34	2.81	1.5	41.1	3.58	13.9
ML-1	11/13/1997	0:00	8:00	22.06	7.33	2.76	1.5	42.9	3.73	13.9
ML-1	11/13/1997	0:00	8:15	22.06	7.33	2.65	1.4	38.2	3.33	13.9
ML-1	11/13/1997	0:00	8:30	22.05	7.31	2.23	1.2	40.9	3.57	13.9
ML-1	11/13/1997	0:00	8:45	22.04	7.30	2.04	1.1	41.1	3.59	13.9
ML-1	11/13/1997	0:00	9:00	22.05	7.29	1.94	1.0	39.3	3.43	13.9
ML-1	11/13/1997	0:00	9:15	22.04	7.28	1.77	0.9	41.3	3.61	13.9
ML-1	11/13/1997	0:00	9:30	22.04	7.27	1.58	0.8	41.5	3.63	13.9
ML-1	11/13/1997	0:00	9:45	22.05	7.27	1.56	0.8	40.6	3.55	13.9
ML-1	11/13/1997	0:00	10:00	22.04	7.26	1.30	0.7	41.2	3.60	13.9
ML-1	11/13/1997	0:00	10:15	22.06	7.26	1.35	0.7	39.0	3.41	13.9
ML-1	11/13/1997	0:00	10:30	22.05	7.25	1.24	0.7	40.0	3.50	13.9
ML-1	11/13/1997	0:00	10:45	22.05	7.26	1.14	0.6	37.6	3.30	13.9
ML-1	11/13/1997	0:00	11:00	22.06	7.26	1.11	0.6	38.3	3.35	13.8
ML-1	11/13/1997	0:00	11:15	22.19	7.26	1.02	0.5	36.3	3.17	13.8
ML-1	11/13/1997	0:00	11:30	22.64	7.26	1.02	0.5	29.7	2.57	13.8
ML-1	11/13/1997	0:00	11:45	23.14	7.26	1.02	0.5	28.7	2.47	13.9
ML-1	11/13/1997	0:00	12:00	23.57	7.26	1.02	0.5	29.1	2.48	13.8
ML-1	11/13/1997	0:00	12:15	23.80	7.26	1.02	0.5	27.7	2.35	13.9
ML-1	11/13/1997	0:00	12:30	23.91	7.26	1.02	0.5	26.9	2.28	13.8
ML-1	11/13/1997	0:00	12:45	23.71	7.25	1.02	0.5	30.6	2.59	13.8
ML-1	11/13/1997	0:00	13:00	23.42	7.24	1.02	0.5	30.1	2.57	13.8
14-5	12/10/1997	0:00	8:30	19.68	7.69	28,742	17.7	121.5	9.98	11.5
14-5	12/10/1997	0:00	8:45	19.68	7.70	28,793	17.7	118.7	9.75	11.3

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts	
14-5	12/10/1997	0:00	9:00	19.70	7.71	29,252	18.0	117.9	9.66	11.4
14-5	12/10/1997	0:00	9:15	19.71	7.71	29,718	18.4	117.7	9.63	11.4
14-5	12/10/1997	0:00	9:30	19.73	7.72	30,271	18.7	117.1	9.55	11.4
14-5	12/10/1997	0:00	9:45	19.74	7.72	30,585	19.0	116.7	9.50	11.4
14-5	12/10/1997	0:00	10:00	19.80	7.72	30,834	19.1	116.4	9.46	11.4
14-5	12/10/1997	0:00	10:15	19.79	7.72	31,352	19.5	117.1	9.49	11.4
14-5	12/10/1997	0:00	10:30	19.86	7.73	31,039	19.3	116.7	9.46	11.4
14-5	12/10/1997	0:00	10:45	19.87	7.72	31,142	19.3	117.5	9.52	11.4
14-5	12/10/1997	0:00	11:00	19.99	7.72	31,604	19.7	116.6	9.40	11.4
14-5	12/10/1997	0:00	11:15	20.03	7.73	31,400	19.5	117.8	9.50	11.4
14-5	12/10/1997	0:00	11:30	20.32	7.79	30,391	18.8	127.2	10.25	11.3
14-5	12/10/1997	0:00	11:45	20.36	7.73	30,698	19.0	121.9	9.80	11.4
14-5	12/10/1997	0:00	12:00	20.46	7.74	30,599	19.0	120.5	9.68	11.3
14-5	12/10/1997	0:00	12:15	20.38	7.73	30,655	19.0	120.2	9.66	11.3
14-5	12/10/1997	0:00	12:30	20.52	7.75	30,559	18.9	128.2	10.28	11.3
14-5	12/10/1997	0:00	12:45	21.03	7.89	30,019	18.6	132.6	10.56	11.3
14-5	12/10/1997	0:00	13:00	21.06	7.82	29,706	18.4	154.8	12.33	11.3
14-5	12/10/1997	0:00	13:15	21.00	7.82	29,244	18.0	146.2	11.68	11.3
14-5	12/10/1997	0:00	13:30	20.95	7.83	28,884	17.8	138.2	11.07	11.2
14-5	12/10/1997	0:00	13:45	21.04	7.86	28,786	17.7	137.4	10.99	11.3
14-5	12/10/1997	0:00	14:00	21.06	7.88	28,787	17.7	142.4	11.39	11.3
14-5	12/10/1997	0:00	14:15	21.11	7.90	28,688	17.7	144.8	11.57	11.3
14-5	12/10/1997	0:00	14:30	21.23	7.91	28,744	17.7	145.9	11.63	11.3
14-5	12/10/1997	0:00	14:45	21.34	7.81	28,801	17.7	145.9	11.60	11.3
14-5	12/10/1997	0:00	15:00	21.41	7.82	28,863	17.8	136.9	10.87	11.3
14-5	12/10/1997	0:00	15:15	21.45	7.80	28,916	17.8	135.3	10.73	11.3
14-5	12/10/1997	0:00	15:30	21.27	7.80	29,001	17.9	133.9	10.65	11.3
14-5	12/10/1997	0:00	15:45	21.20	7.78	28,947	17.8	131.5	10.48	11.2
14-5	12/10/1997	0:00	16:00	21.24	7.80	28,957	17.8	132.9	10.58	11.2
14-5	12/10/1997	0:00	16:15	21.16	7.79	28,945	17.8	133.2	10.62	11.2
14-5	12/10/1997	0:00	16:30	20.99	7.77	29,090	17.9	131.0	10.48	11.2
14-5	12/10/1997	0:00	16:45	20.94	7.75	29,453	18.2	126.0	10.07	11.2
14-5	12/10/1997	0:00	17:00	20.93	7.76	30,211	18.7	123.2	9.82	11.1
14-5	12/10/1997	0:00	17:15	21.11	7.77	30,423	18.8	120.8	9.58	11.1
14-5	12/10/1997	0:00	17:30	21.29	7.77	30,134	18.7	122.1	9.67	11.2
14-5	12/10/1997	0:00	17:45	21.26	7.77	30,183	18.7	124.4	9.85	11.1
14-5	12/10/1997	0:00	18:00	21.18	7.77	30,120	18.6	123.0	9.76	11.1
14-5	12/10/1997	0:00	18:15	20.92	7.76	30,882	19.2	120.2	9.55	11.1
14-5	12/10/1997	0:00	18:30	20.88	7.76	31,331	19.5	117.6	9.33	11.1
14-5	12/10/1997	0:00	18:45	20.80	7.77	32,152	20.0	118.6	9.40	11.1
14-5	12/10/1997	0:00	19:00	21.05	7.79	32,215	20.1	119.6	9.43	11.1
14-5	12/10/1997	0:00	19:15	21.13	7.80	32,568	20.3	121.9	9.58	11.1
14-5	12/10/1997	0:00	19:30	21.20	7.82	32,929	20.6	123.0	9.65	11.1
14-5	12/10/1997	0:00	19:45	21.20	7.82	33,091	20.7	124.5	9.75	11.1
14-5	12/10/1997	0:00	20:00	21.23	7.82	32,931	20.6	123.3	9.66	11.1
14-5	12/10/1997	0:00	20:15	21.18	7.82	33,592	21.0	122.4	9.57	11.0
14-5	12/10/1997	0:00	20:30	21.17	7.82	34,111	21.4	123.0	9.60	11.1
14-5	12/10/1997	0:00	20:45	21.24	7.82	33,808	21.2	123.5	9.64	11.1
14-5	12/10/1997	0:00	21:00	21.23	7.82	34,003	21.3	122.8	9.57	11.1

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
14-5	12/10/1997	0:00	21:15	21.24	7.82	34,472	21.7	121.6	11.1
14-5	12/10/1997	0:00	21:30	21.25	7.82	34,055	21.4	120.1	11.1
14-5	12/10/1997	0:00	21:45	21.23	7.82	34,820	21.9	119.1	11.1
14-5	12/10/1997	0:00	22:00	21.22	7.82	34,522	21.7	120.7	11.1
14-5	12/10/1997	0:00	22:15	21.22	7.82	35,339	22.3	117.5	11.0
14-5	12/10/1997	0:00	22:30	21.24	7.82	34,625	21.8	121.3	11.0
14-5	12/10/1997	0:00	22:45	21.24	7.82	34,881	21.9	116.7	11.0
14-5	12/10/1997	0:00	23:00	21.25	7.82	34,106	21.4	117.2	11.1
14-5	12/10/1997	0:00	23:15	21.27	7.81	33,494	21.0	114.9	11.0
14-5	12/10/1997	0:00	23:30	21.26	7.80	33,247	20.8	114.3	11.0
14-5	12/10/1997	0:00	23:45	21.20	7.79	32,836	20.5	112.4	10.9
14-5	12/11/1997	0:00	0:00	21.13	7.77	32,007	19.9	111.7	11.0
14-5	12/11/1997	0:00	0:15	21.06	7.76	31,799	19.8	107.4	11.0
14-5	12/11/1997	0:00	0:30	21.06	7.75	31,288	19.4	106.3	11.0
14-5	12/11/1997	0:00	0:45	21.00	7.78	30,724	19.1	106.1	11.0
14-5	12/11/1997	0:00	1:00	20.99	7.80	30,111	18.6	109.9	10.9
14-5	12/11/1997	0:00	1:15	20.98	7.81	29,812	18.4	111.2	10.9
14-5	12/11/1997	0:00	1:30	20.99	7.81	29,652	18.3	111.9	10.8
14-5	12/11/1997	0:00	1:45	20.97	7.80	29,702	18.4	111.7	10.9
14-5	12/11/1997	0:00	2:00	20.92	7.80	29,699	18.4	108.6	10.9
14-5	12/11/1997	0:00	2:15	20.93	7.79	29,701	18.4	107.3	10.9
14-5	12/11/1997	0:00	2:30	20.95	7.79	29,752	18.4	107.5	10.9
14-5	12/11/1997	0:00	2:45	20.99	7.79	29,805	18.4	107.2	10.9
14-5	12/11/1997	0:00	3:00	21.02	7.80	29,755	18.4	107.7	10.8
14-5	12/11/1997	0:00	3:15	21.02	7.80	29,755	18.4	107.0	11.0
14-5	12/11/1997	0:00	3:30	20.99	7.78	29,711	18.4	103.1	10.8
14-5	12/11/1997	0:00	3:45	21.00	7.78	29,704	18.4	101.3	10.8
14-5	12/11/1997	0:00	4:00	21.00	7.80	29,550	18.3	102.1	10.8
14-5	12/11/1997	0:00	4:15	21.00	7.80	29,500	18.2	107.3	10.8
14-5	12/11/1997	0:00	4:30	21.01	7.80	29,508	18.2	105.1	10.8
14-5	12/11/1997	0:00	4:45	21.00	7.78	29,755	18.4	103.1	10.8
14-5	12/11/1997	0:00	5:00	21.02	7.78	29,653	18.3	100.4	10.8
14-5	12/11/1997	0:00	5:15	21.01	7.78	29,456	18.2	100.7	10.7
14-5	12/11/1997	0:00	5:30	21.02	7.79	29,347	18.1	101.0	10.7
14-5	12/11/1997	0:00	5:45	21.00	7.80	29,295	18.1	101.5	10.7
14-5	12/11/1997	0:00	6:00	20.99	7.80	29,141	18.0	107.2	10.8
14-5	12/11/1997	0:00	6:15	20.99	7.81	29,039	17.9	108.4	10.7
14-5	12/11/1997	0:00	6:30	20.97	7.82	28,987	17.9	108.8	10.7
14-5	12/11/1997	0:00	6:45	20.97	7.81	28,987	17.9	109.2	10.6
14-5	12/11/1997	0:00	7:00	20.99	7.81	29,141	18.0	110.7	10.6
14-5	12/11/1997	0:00	7:15	21.01	7.77	30,426	18.9	107.9	10.6
14-5	12/11/1997	0:00	7:30	21.02	7.76	30,623	19.0	102.7	10.6
14-5	12/11/1997	0:00	7:45	21.02	7.77	30,572	19.0	101.4	10.6
14-5	12/11/1997	0:00	8:00	21.04	7.76	30,573	19.0	101.5	10.6
14-5	12/11/1997	0:00	8:15	21.07	7.75	30,472	18.9	101.2	10.6
14-5	12/11/1997	0:00	8:30	21.06	7.74	30,531	18.9	101.2	10.5
14-5	12/11/1997	0:00	8:45	21.10	7.74	30,788	19.1	102.6	10.5
14-5	12/11/1997	0:00	9:00	21.13	7.72	30,739	19.1	102.4	10.5
14-5	12/11/1997	0:00	9:15	21.17	7.72	30,740	19.1	106.2	10.5

Table 5. Results of Continuous In Situ Measurements Performed During the Period from January 1997 through August 1997.

Station	Date MMDDYY	Time HHMM	Temp °C	pH	SpCond μS/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
14-5	12/11/1997	0:00	9:30	21.24	7.73	30,795	19.1	107.5	10.5
14-5	12/11/1997	0:00	9:45	21.25	7.74	31,196	19.4	110.2	10.5
14-5	12/11/1997	0:00	10:00	21.28	7.73	31,402	19.5	109.7	10.5
14-5	12/11/1997	0:00	10:15	21.29	7.73	31,921	19.9	106.1	10.4
14-5	12/11/1997	0:00	10:30	21.33	7.74	32,230	20.1	111.7	10.4
14-5	12/11/1997	0:00	10:45	21.41	7.74	32,379	20.2	111.4	10.4
14-5	12/11/1997	0:00	11:00	21.45	7.76	32,339	20.2	118.5	9.27
14-5	12/11/1997	0:00	11:15	21.45	7.76	32,748	20.5	120.3	9.40
14-5	12/11/1997	0:00	11:30	21.53	7.76	32,744	20.5	120.3	9.38
14-5	12/11/1997	0:00	11:45	21.53	7.77	33,204	20.8	128.5	10.00
14-5	12/11/1997	0:00	12:00	21.65	7.78	33,262	20.8	127.8	9.92
14-5	12/11/1997	0:00	12:15	21.69	7.79	33,418	20.9	132.8	10.29
14-5	12/11/1997	0:00	12:30	21.75	7.79	33,533	21.0	134.0	10.37
14-5	12/11/1997	0:00	12:45	21.71	7.79	33,633	21.1	138.4	10.72
14-5	12/11/1997	0:00	13:00	21.87	7.80	33,634	21.1	142.4	10.99

Coordinates

Table 6. UTM Coordinates for Monitoring Stations Sampled During the January 1997 through August 1997 Monitoring Events.

Station	Date	UTM Coordinates		Lat/Lon Coordinates	
		East	North	North	West
10-1	1/6/1997 0:00	17 - 343335.4	3025832.9	27° 20' 48"	082° 35' 02"
10-2	1/6/1997 0:00	17 - 344743.1	3025768.5	27° 20' 47"	082° 34' 10"
10-3	1/6/1997 0:00	17 - 343182.4	3024066.3	27° 19' 51"	082° 35' 06"
10-4	1/6/1997 0:00	17 - 345094.6	3022580.2	27° 19' 03"	082° 33' 56"
10-5	1/6/1997 0:00	17 - 346324.7	3022137.3	27° 18' 49"	082° 33' 11"
11-1	1/6/1997 0:00	17 - 345010.8	3027111.3	27° 21' 30"	082° 34' 01"
11-2	1/6/1997 0:00	17 - 345878.2	3026566.2	27° 21' 13"	082° 33' 30"
11-3	1/6/1997 0:00	17 - 346383.8	3025094.6	27° 20' 25"	082° 33' 10"
11-4	1/6/1997 0:00	17 - 346610.3	3023570.9	27° 19' 36"	082° 33' 02"
11-5	1/6/1997 0:00	17 - 347420.7	3021216.5	27° 18' 20"	082° 32' 31"
13-1	1/9/1997 0:00	17 - 346550.4	3019368.5	27° 17' 19"	082° 33' 02"
13-2	1/9/1997 0:00	17 - 347318.0	3018595.6	27° 16' 55"	082° 32' 34"
13-3	1/9/1997 0:00	17 - 347093.9	3017301.9	27° 16' 13"	082° 32' 41"
13-4	1/9/1997 0:00	17 - 347833.5	3016069.7	27° 15' 33"	082° 32' 14"
13-5	1/9/1997 0:00	17 - 348995.4	3014435.4	27° 14' 40"	082° 31' 31"
14-1	1/9/1997 0:00	17 - 349865.9	3013861.7	27° 14' 22"	082° 30' 59"
14-2	1/9/1997 0:00	17 - 350194.6	3012975.3	27° 13' 53"	082° 30' 46"
14-3	1/9/1997 0:00	17 - 350330.2	3011261.2	27° 12' 58"	082° 30' 41"
14-4	1/9/1997 0:00	17 - 351141.1	3009256.3	27° 11' 53"	082° 30' 10"
14-5	1/9/1997 0:00	17 - 352064.0	3007654.5	27° 11' 01"	082° 29' 36"
16-1	1/8/1997 0:00	17 - 351902.8	3006868.1	27° 10' 35"	082° 29' 42"
16-2	1/8/1997 0:00	17 - 352919.0	3004984.8	27° 09' 35"	082° 29' 04"
16-3	1/8/1997 0:00	17 - 353646.0	3004094.0	27° 09' 06"	082° 28' 37"
16-4	1/8/1997 0:00	17 - 354068.2	3002749.9	27° 08' 22"	082° 28' 21"
16-5	1/8/1997 0:00	17 - 354255.8	3001835.6	27° 07' 53"	082° 28' 14"
LB-1	1/8/1997 0:00	17 - 358364.6	2991119.2	27° 02' 06"	082° 25' 40"
LB-2	1/8/1997 0:00	17 - 359604.1	2989118.4	27° 01' 02"	082° 24' 55"
LB-3	1/8/1997 0:00	17 - 360516.9	2987276.7	27° 00' 02"	082° 24' 21"
LB-4	1/8/1997 0:00	17 - 362058.1	2985193.5	26° 58' 55"	082° 23' 24"
LB-5	1/8/1997 0:00	17 - 364294.1	2982309.6	26° 57' 22"	082° 22' 02"
ML-1	1/7/1997 0:00	17 - 372696.9	2991328.2	27° 02' 18"	082° 17' 00"
ML-2	1/7/1997 0:00	17 - 373130.8	2990610.6	27° 01' 55"	082° 16' 44"
ML-3	1/7/1997 0:00	17 - 373793.5	2990381.9	27° 01' 48"	082° 16' 20"
ML-4	1/7/1997 0:00	17 - 373564.7	2989522.3	27° 01' 20"	082° 16' 28"
ML-5	1/7/1997 0:00	17 - 374180.1	2988063.3	27° 00' 32"	082° 16' 05"
MU-1	1/7/1997 0:00	17 - 368180.0	2997551.0	27° 05' 39"	082° 19' 47"
MU-2	1/7/1997 0:00	17 - 368725.6	2996624.7	27° 05' 09"	082° 19' 27"
MU-3	1/7/1997 0:00	17 - 369405.6	2995235.3	27° 04' 24"	082° 19' 01"
MU-4	1/7/1997 0:00	17 - 370511.6	2993494.8	27° 03' 28"	082° 18' 21"
MU-5	1/7/1997 0:00	17 - 371087.0	2992912.1	27° 03' 09"	082° 18' 00"
10-1	2/13/1997 0:00	17 - 344312.6	3026572.2	27° 21' 13"	082° 34' 26"
10-2	2/13/1997 0:00	17 - 345036.2	3025203.1	27° 20' 28"	082° 34' 00"
10-3	2/13/1997 0:00	17 - 343630.3	3024408.3	27° 20' 02"	082° 34' 50"
10-4	2/13/1997 0:00	17 - 345220.6	3021735.7	27° 18' 36"	082° 33' 51"
10-5	2/13/1997 0:00	17 - 346073.4	3021436.2	27° 18' 26"	082° 33' 20"
11-1	2/13/1997 0:00	17 - 345183.7	3028177.8	27° 22' 05"	082° 33' 56"
11-2	2/13/1997 0:00	17 - 346038.8	3025859.7	27° 20' 50"	082° 33' 23"
11-3	2/13/1997 0:00	17 - 346038.8	3024605.6	27° 20' 09"	082° 33' 23"

Coordinates

Table 6. UTM Coordinates for Monitoring Stations Sampled During the January 1997 through August 1997 Monitoring Events.

Station	Date	UTM Coordniates		Lat/Lon Coordniates	
		East	North	North	West
11-4	2/13/1997 0:00	17 - 346672.7	3023175.7	27° 19' 23"	082° 32' 59"
11-5	2/13/1997 0:00	17 - 347434.8	3021989.2	27° 18' 45"	082° 32' 31"
13-1	2/10/1997 0:00	17 - 346535.9	3020000.8	27° 17' 40"	082° 33' 03"
13-2	2/10/1997 0:00	17 - 346860.7	3018860.5	27° 17' 03"	082° 32' 50"
13-3	2/10/1997 0:00	17 - 347885.9	3016413.9	27° 15' 44"	082° 32' 12"
13-4	2/10/1997 0:00	17 - 348174.8	3015620.1	27° 15' 18"	082° 32' 01"
13-5	2/10/1997 0:00	17 - 349054.7	3014821.8	27° 14' 53"	082° 31' 29"
14-1	2/10/1997 0:00	17 - 349973.2	3013434.1	27° 14' 08"	082° 30' 55"
14-2	2/10/1997 0:00	17 - 350014.9	3012336.7	27° 13' 32"	082° 30' 53"
14-3	2/10/1997 0:00	17 - 351006.5	3011295.3	27° 12' 59"	082° 30' 16"
14-4	2/10/1997 0:00	17 - 351225.7	3008820.2	27° 11' 39"	082° 30' 07"
14-5	2/10/1997 0:00	17 - 351490.8	3007891.1	27° 11' 09"	082° 29' 57"
16-1	2/11/1997 0:00	17 - 352256.9	3006049.7	27° 10' 09"	082° 29' 29"
16-2	2/11/1997 0:00	17 - 352699.6	3005060.0	27° 09' 37"	082° 29' 12"
16-3	2/11/1997 0:00	17 - 353191.4	3004187.5	27° 09' 09"	082° 28' 54"
16-4	2/11/1997 0:00	17 - 354152.0	3003226.2	27° 08' 38"	082° 28' 18"
16-5	2/11/1997 0:00	17 - 354398.9	3002042.5	27° 08' 00"	082° 28' 09"
LB-1	2/11/1997 0:00	17 - 357745.1	2992031.6	27° 02' 36"	082° 26' 03"
LB-2	2/11/1997 0:00	17 - 359156.7	2989860.5	27° 01' 26"	082° 25' 11"
LB-3	2/11/1997 0:00	17 - 361251.6	2986283.3	26° 59' 30"	082° 23' 54"
LB-4	2/11/1997 0:00	17 - 362433.1	2983828.7	26° 58' 11"	082° 23' 10"
LB-5	2/11/1997 0:00	17 - 363589.8	2982840.8	26° 57' 39"	082° 22' 28"
ML-1	2/12/1997 0:00	17 - 372268.7	2991548.4	27° 02' 25"	082° 17' 16"
ML-2	2/12/1997 0:00	17 - 373626.0	2990526.0	27° 01' 52"	082° 16' 26"
ML-3	2/12/1997 0:00	17 - 373704.7	2990581.5	27° 01' 54"	082° 16' 24"
ML-4	2/12/1997 0:00	17 - 373800.9	2988806.0	27° 00' 56"	082° 16' 20"
ML-5	2/12/1997 0:00	17 - 374674.3	2987578.3	27° 00' 17"	082° 15' 47"
MU-1	2/12/1997 0:00	17 - 368279.1	2997380.2	27° 05' 33"	082° 19' 43"
MU-2	2/12/1997 0:00	17 - 368524.5	2996872.6	27° 05' 17"	082° 19' 34"
MU-3	2/12/1997 0:00	17 - 369813.2	2994513.7	27° 04' 01"	082° 18' 46"
MU-4	2/12/1997 0:00	17 - 370214.4	2993804.1	27° 03' 38"	082° 18' 32"
MU-5	2/12/1997 0:00	17 - 371634.8	2992177.4	27° 02' 45"	082° 17' 39"
10-1	3/10/1997 0:00	17 - 343680.9	3026659.7	27° 21' 15"	082° 34' 50"
10-2	3/10/1997 0:00	17 - 344819.5	3024481.7	27° 20' 05"	082° 34' 07"
10-3	3/10/1997 0:00	17 - 342915.9	3023645.2	27° 19' 37"	082° 35' 16"
10-4	3/10/1997 0:00	17 - 344924.4	3023454.6	27° 19' 32"	082° 34' 03"
10-5	3/10/1997 0:00	17 - 346654.7	3021408.1	27° 18' 26"	082° 32' 59"
11-1	3/10/1997 0:00	17 - 344622.7	3027671.4	27° 21' 48"	082° 34' 16"
11-2	3/10/1997 0:00	17 - 345536.4	3025900.9	27° 20' 51"	082° 33' 42"
11-3	3/10/1997 0:00	17 - 345578.6	3024734.6	27° 20' 13"	082° 33' 40"
11-4	3/10/1997 0:00	17 - 347209.1	3023434.9	27° 19' 32"	082° 32' 40"
11-5	3/10/1997 0:00	17 - 347044.4	3022097.6	27° 18' 48"	082° 32' 45"
13-1	3/11/1997 0:00	17 - 347168.2	3019717.5	27° 17' 31"	082° 32' 40"
13-2	3/11/1997 0:00	17 - 346923.4	3018345.0	27° 16' 46"	082° 32' 48"
13-3	3/11/1997 0:00	17 - 347578.3	3016850.0	27° 15' 58"	082° 32' 23"
13-4	3/11/1997 0:00	17 - 347905.6	3015919.5	27° 15' 28"	082° 32' 11"
13-5	3/11/1997 0:00	17 - 349370.2	3014532.5	27° 14' 43"	082° 31' 17"
14-1	3/11/1997 0:00	17 - 349336.1	3013725.5	27° 14' 17"	082° 31' 18"

Coordinates

Table 6. UTM Coordinates for Monitoring Stations Sampled During the January 1997 through August 1997 Monitoring Events.

Station	Date	UTM Coordinates		Lat/Lon Coordinates	
		East	North	North	West
14-2	3/11/1997 0:00	17 - 350177.3	3011870.1	27° 13' 17"	082° 30' 47"
14-3	3/11/1997 0:00	17 - 350952.2	3010185.5	27° 12' 23"	082° 30' 18"
14-4	3/11/1997 0:00	17 - 351304.8	3009908.1	27° 12' 14"	082° 30' 05"
14-5	3/11/1997 0:00	17 - 351913.4	3008382.9	27° 11' 25"	082° 29' 42"
16-1	3/12/1997 0:00	17 - 352316.5	3006348.0	27° 10' 19"	082° 29' 26"
16-2	3/12/1997 0:00	17 - 352891.3	3004730.2	27° 09' 26"	082° 29' 05"
16-3	3/12/1997 0:00	17 - 353604.0	3003464.1	27° 08' 45"	082° 28' 38"
16-4	3/12/1997 0:00	17 - 354360.3	3002400.6	27° 08' 11"	082° 28' 11"
16-5	3/12/1997 0:00	17 - 354269.6	3001503.5	27° 07' 42"	082° 28' 13"
LB-1	3/12/1997 0:00	17 - 358576.4	2990732.8	27° 01' 54"	082° 25' 33"
LB-2	3/12/1997 0:00	17 - 360098.8	2988094.9	27° 00' 29"	082° 24' 36"
LB-3	3/12/1997 0:00	17 - 361552.8	2985965.4	26° 59' 20"	082° 23' 43"
LB-4	3/12/1997 0:00	17 - 361969.7	2984775.3	26° 58' 41"	082° 23' 27"
LB-5	3/12/1997 0:00	17 - 364230.6	2981300.2	26° 56' 49"	082° 22' 04"
MU-1	3/13/1997 0:00	17 - 367850.0	2998043.6	27° 05' 55"	082° 19' 59"
MU-2	3/13/1997 0:00	17 - 368930.7	2996141.1	27° 04' 53"	082° 19' 19"
MU-3	3/13/1997 0:00	17 - 369617.7	2994829.5	27° 04' 11"	082° 18' 54"
MU-4	3/13/1997 0:00	17 - 369862.6	2993991.1	27° 03' 44"	082° 18' 44"
MU-5	3/13/1997 0:00	17 - 371573.2	2992824.0	27° 03' 06"	082° 17' 42"
ML-1	3/13/1997 0:00	17 - 371881.5	2991719.8	27° 02' 30"	082° 17' 30"
ML-2	3/13/1997 0:00	17 - 372885.2	2990954.7	27° 02' 06"	082° 16' 54"
ML-3	3/13/1997 0:00	17 - 373904.9	2990189.5	27° 01' 41"	082° 16' 16"
ML-4	3/13/1997 0:00	17 - 373570.8	2989215.0	27° 01' 10"	082° 16' 28"
ML-5	3/13/1997 0:00	17 - 375310.0	2987084.4	27° 00' 01"	082° 15' 24"
10-1	4/10/1997 0:00	17 - 342752.9	3025814.6	27° 20' 47"	082° 35' 23"
10-2	4/10/1997 0:00	17 - 344421.9	3024895.3	27° 20' 18"	082° 34' 22"
10-3	4/10/1997 0:00	17 - 343550.4	3024919.4	27° 20' 19"	082° 34' 53"
10-4	4/10/1997 0:00	17 - 344924.1	3023454.6	27° 19' 32"	082° 34' 03"
10-5	4/10/1997 0:00	17 - 346065.0	3021091.7	27° 18' 15"	082° 33' 20"
11-1	4/10/1997 0:00	17 - 345017.9	3027830.1	27° 21' 54"	082° 34' 01"
11-2	4/10/1997 0:00	17 - 345520.9	3026648.1	27° 21' 16"	082° 33' 43"
11-3	4/10/1997 0:00	17 - 346382.1	3025408.4	27° 20' 36"	082° 33' 11"
11-4	4/10/1997 0:00	17 - 346959.8	3022624.1	27° 19' 05"	082° 32' 48"
11-5	4/10/1997 0:00	17 - 347035.0	3021688.8	27° 18' 35"	082° 32' 45"
13-1	4/10/1997 0:00	17 - 347142.3	3020567.0	27° 17' 59"	082° 32' 41"
13-2	4/10/1997 0:00	17 - 347220.5	3018198.5	27° 16' 42"	082° 32' 37"
13-3	4/10/1997 0:00	17 - 347624.5	3016504.3	27° 15' 47"	082° 32' 21"
13-4	4/10/1997 0:00	17 - 347905.0	3015919.5	27° 15' 28"	082° 32' 11"
13-5	4/10/1997 0:00	17 - 348815.7	3014523.5	27° 14' 43"	082° 31' 37"
14-1	4/10/1997 0:00	17 - 349620.1	3013936.9	27° 14' 24"	082° 31' 08"
14-2	4/10/1997 0:00	17 - 350427.6	3012582.7	27° 13' 41"	082° 30' 38"
14-3	4/10/1997 0:00	17 - 351260.7	3010890.8	27° 12' 46"	082° 30' 07"
14-4	4/10/1997 0:00	17 - 351172.6	3009495.1	27° 12' 01"	082° 30' 09"
14-5	4/10/1997 0:00	17 - 351712.9	3007266.3	27° 10' 48"	082° 29' 49"
16-1	4/10/1997 0:00	17 - 352096.2	3006663.7	27° 10' 29"	082° 29' 35"
16-2	4/10/1997 0:00	17 - 352731.0	3005660.4	27° 09' 57"	082° 29' 11"
16-3	4/10/1997 0:00	17 - 353318.6	3004413.0	27° 09' 16"	082° 28' 49"
16-4	4/10/1997 0:00	17 - 353834.6	3003034.3	27° 08' 32"	082° 28' 30"

Coordinates

Table 6. UTM Coordinates for Monitoring Stations Sampled During the January 1997 through August 1997 Monitoring Events.

Station	Date	UTM Coordniates		Lat/Lon Coordniates	
		East	North	North	West
16-5	4/10/1997 0:00	17 - 354327.2	3001105.0	27° 07' 29"	082° 28' 11"
LB-1	4/10/1997 0:00	17 - 358151.4	2991591.2	27° 02' 21"	082° 25' 48"
LB-2	4/10/1997 0:00	17 - 359435.5	2989312.1	27° 01' 08"	082° 25' 01"
LB-3	4/10/1997 0:00	17 - 360548.0	2987482.4	27° 00' 09"	082° 24' 20"
LB-4	4/10/1997 0:00	17 - 363012.8	2984038.8	26° 58' 18"	082° 22' 49"
LB-5	4/10/1997 0:00	17 - 363742.0	2982344.7	26° 57' 23"	082° 22' 22"
MU-1	4/10/1997 0:00	17 - 368402.5	2997186.8	27° 05' 27"	082° 19' 39"
MU-2	4/10/1997 0:00	17 - 369188.5	2995968.1	27° 04' 48"	082° 19' 10"
MU-3	4/10/1997 0:00	17 - 369439.0	2995025.2	27° 04' 17"	082° 19' 00"
MU-4	4/10/1997 0:00	17 - 370615.7	2993302.5	27° 03' 21"	082° 18' 17"
MU-5	4/10/1997 0:00	17 - 371257.9	2992807.4	27° 03' 06"	082° 17' 53"
ML-1	4/10/1997 0:00	17 - 372522.3	2991450.5	27° 02' 22"	082° 17' 07"
ML-2	4/10/1997 0:00	17 - 373580.2	2990224.5	27° 01' 42"	082° 16' 28"
ML-3	4/10/1997 0:00	17 - 373783.4	2990459.1	27° 01' 50"	082° 16' 21"
ML-4	4/10/1997 0:00	17 - 373884.7	2989826.2	27° 01' 30"	082° 16' 17"
ML-5	4/10/1997 0:00	17 - 374059.6	2988358.4	27° 00' 42"	082° 16' 10"
10-1	5/22/1997 0:00	17 - 343782.3	3025653.4	27° 20' 43"	082° 34' 45"
10-2	5/22/1997 0:00	17 - 344423.1	3024895.1	27° 20' 18"	082° 34' 22"
10-3	5/22/1997 0:00	17 - 343794.5	3024382.4	27° 20' 01"	082° 34' 44"
10-4	5/22/1997 0:00	17 - 344751.2	3023521.0	27° 19' 34"	082° 34' 09"
10-5	5/22/1997 0:00	17 - 346319.2	3022445.4	27° 18' 59"	082° 33' 12"
11-1	5/22/1997 0:00	17 - 344682.9	3027332.0	27° 21' 37"	082° 34' 13"
11-2	5/22/1997 0:00	17 - 345451.4	3025525.3	27° 20' 39"	082° 33' 45"
11-3	5/22/1997 0:00	17 - 345828.5	3025060.4	27° 20' 24"	082° 33' 31"
11-4	5/22/1997 0:00	17 - 346797.7	3023734.0	27° 19' 41"	082° 32' 55"
11-5	5/22/1997 0:00	17 - 347255.0	3021144.9	27° 18' 17"	082° 32' 37"
13-1	5/19/1997 0:00	17 - 346938.8	3019786.2	27° 17' 33"	082° 32' 48"
13-2	5/19/1997 0:00	17 - 347173.1	3018922.4	27° 17' 05"	082° 32' 39"
13-3	5/19/1997 0:00	17 - 347436.9	3016974.6	27° 16' 02"	082° 32' 28"
13-4	5/19/1997 0:00	17 - 348366.0	3015290.2	27° 15' 08"	082° 31' 54"
13-5	5/19/1997 0:00	17 - 349122.4	3014593.0	27° 14' 45"	082° 31' 26"
14-1	5/19/1997 0:00	17 - 349552.1	3013548.6	27° 14' 12"	082° 31' 10"
14-2	5/19/1997 0:00	17 - 350913.3	3012108.3	27° 13' 25"	082° 30' 20"
14-3	5/19/1997 0:00	17 - 350731.6	3011309.9	27° 12' 59"	082° 30' 26"
14-4	5/19/1997 0:00	17 - 351145.8	3009961.6	27° 12' 16"	082° 30' 11"
14-5	5/19/1997 0:00	17 - 351768.1	3008123.3	27° 11' 16"	082° 29' 47"
16-1	5/21/1997 0:00	17 - 352108.1	3006248.9	27° 10' 15"	082° 29' 34"
16-2	5/21/1997 0:00	17 - 353148.6	3004772.8	27° 09' 28"	082° 28' 56"
16-3	5/21/1997 0:00	17 - 353783.8	3003770.1	27° 08' 55"	082° 28' 32"
16-4	5/21/1997 0:00	17 - 354233.0	3002864.3	27° 08' 26"	082° 28' 15"
16-5	5/21/1997 0:00	17 - 354186.2	3002048.0	27° 08' 00"	082° 28' 17"
LB-1	5/21/1997 0:00	17 - 357621.7	2992293.3	27° 02' 44"	082° 26' 08"
LB-2	5/21/1997 0:00	17 - 359894.1	2988475.6	27° 00' 41"	082° 24' 44"
LB-3	5/21/1997 0:00	17 - 360940.1	2986782.6	26° 59' 46"	082° 24' 05"
LB-4	5/21/1997 0:00	17 - 362590.7	2984621.5	26° 58' 37"	082° 23' 05"
LB-5	5/21/1997 0:00	17 - 364578.8	2981813.6	26° 57' 06"	082° 21' 51"
MU-1	5/20/1997 0:00	17 - 368052.8	2997682.8	27° 05' 43"	082° 19' 51"
MU-2	5/20/1997 0:00	17 - 368491.8	2996867.2	27° 05' 17"	082° 19' 35"

Table 6. UTM Coordinates for Monitoring Stations Sampled During the January 1997 through August 1997 Monitoring Events.

Station	Date	UTM Coordinates		Lat/Lon Coordinates	
		East	North	North	West
MU-3	5/20/1997 0:00	17 - 369403.4	2995480.5	27° 04' 32"	082° 19' 02"
MU-4	5/20/1997 0:00	17 - 370453.6	2993564.7	27° 03' 30"	082° 18' 23"
MU-5	5/20/1997 0:00	17 - 370922.7	2993000.3	27° 03' 12"	082° 18' 06"
ML-1	5/20/1997 0:00	17 - 372013.2	2991686.4	27° 02' 29"	082° 17' 25"
ML-2	5/20/1997 0:00	17 - 373202.2	2990737.7	27° 01' 59"	082° 16' 42"
ML-3	5/20/1997 0:00	17 - 373946.7	2990362.7	27° 01' 47"	082° 16' 15"
ML-4	5/20/1997 0:00	17 - 373696.4	2989604.9	27° 01' 22"	082° 16' 24"
ML-5	5/20/1997 0:00	17 - 374279.4	2987864.9	27° 00' 26"	082° 16' 02"
10-1	6/17/1997 0:00	17 - 343973.9	3027150.0	27° 21' 31"	082° 34' 39"
10-2	6/17/1997 0:00	17 - 344903.7	3024653.2	27° 20' 10"	082° 34' 04"
10-3	6/17/1997 0:00	17 - 343775.5	3023564.2	27° 19' 35"	082° 34' 45"
10-4	6/17/1997 0:00	17 - 346059.8	3023312.2	27° 19' 27"	082° 33' 21"
10-5	6/17/1997 0:00	17 - 346509.9	3021942.1	27° 18' 43"	082° 33' 04"
11-1	6/17/1997 0:00	17 - 344909.3	3028417.3	27° 22' 13"	082° 34' 06"
11-2	6/17/1997 0:00	17 - 345162.0	3026473.7	27° 21' 10"	082° 33' 56"
11-3	6/17/1997 0:00	17 - 345764.8	3024343.4	27° 20' 01"	082° 33' 33"
11-4	6/17/1997 0:00	17 - 346874.4	3023272.1	27° 19' 26"	082° 32' 52"
11-5	6/17/1997 0:00	17 - 347134.0	3021899.2	27° 18' 42"	082° 32' 42"
13-1	6/18/1997 0:00	17 - 346860.8	3020314.9	27° 17' 50"	082° 32' 51"
13-2	6/18/1997 0:00	17 - 347106.5	3018526.3	27° 16' 52"	082° 32' 41"
13-3	6/18/1997 0:00	17 - 347394.5	3016547.8	27° 15' 48"	082° 32' 30"
13-4	6/18/1997 0:00	17 - 348035.5	3015914.9	27° 15' 28"	082° 32' 06"
13-5	6/18/1997 0:00	17 - 349313.2	3014330.5	27° 14' 37"	082° 31' 19"
14-1	6/18/1997 0:00	17 - 349507.7	3013224.1	27° 14' 01"	082° 31' 12"
14-2	6/18/1997 0:00	17 - 350409.4	3012937.1	27° 13' 52"	082° 30' 39"
14-3	6/18/1997 0:00	17 - 350984.1	3010735.5	27° 12' 41"	082° 30' 17"
14-4	6/18/1997 0:00	17 - 351366.3	3008505.6	27° 11' 28"	082° 30' 02"
14-5	6/18/1997 0:00	17 - 352072.2	3007880.9	27° 11' 08"	082° 29' 36"
16-1	6/16/1997 0:00	17 - 352545.6	3006080.3	27° 10' 10"	082° 29' 18"
16-2	6/16/1997 0:00	17 - 352814.6	3005380.4	27° 08' 47"	082° 29' 08"
16-3	6/16/1997 0:00	17 - 353347.4	3003959.7	27° 09' 02"	082° 28' 48"
16-4	6/16/1997 0:00	17 - 354188.7	3002341.6	27° 08' 17"	082° 28' 17"
16-5	6/16/1997 0:00	17 - 354342.2	3001746.5	27° 07' 50"	082° 28' 11"
LB-1	6/16/1997 0:00	17 - 358034.6	2991819.3	27° 02' 29"	082° 25' 53"
LB-2	6/16/1997 0:00	17 - 358906.0	2990100.9	27° 01' 33"	082° 25' 20"
LB-3	6/16/1997 0:00	17 - 360305.0	2987736.8	27° 00' 17"	082° 24' 29"
LB-4	6/16/1997 0:00	17 - 361669.8	2985416.2	26° 59' 02"	082° 23' 38"
LB-5	6/16/1997 0:00	17 - 364850.3	2981428.9	26° 56' 54"	082° 21' 41"
MU-1	6/19/1997 0:00	17 - 367868.3	2998205.2	27° 06' 00"	082° 19' 58"
MU-2	6/19/1997 0:00	17 - 368393.3	2996546.5	27° 05' 06"	082° 19' 39"
MU-3	6/19/1997 0:00	17 - 369661.2	2994274.9	27° 03' 53"	082° 18' 52"
MU-4	6/19/1997 0:00	17 - 370046.5	2993944.6	27° 03' 42"	082° 18' 38"
MU-5	6/19/1997 0:00	17 - 371703.3	2992511.8	27° 02' 56"	082° 17' 37"
ML-1	6/19/1997 0:00	17 - 372808.3	2991141.9	27° 02' 12"	082° 16' 56"
ML-2	6/19/1997 0:00	17 - 373204.1	2990500.4	27° 01' 51"	082° 16' 42"
ML-3	6/19/1997 0:00	17 - 373747.7	2990335.7	27° 01' 46"	082° 16' 22"
ML-4	6/19/1997 0:00	17 - 373673.9	2989031.4	27° 01' 04"	082° 16' 24"
ML-5	6/19/1997 0:00	17 - 375044.3	2987360.7	27° 00' 10"	082° 15' 34"

Coordinates

Table 6. UTM Coordinates for Monitoring Stations Sampled During the January 1997 through August 1997 Monitoring Events.

Station	Date	UTM Coordniates		Lat/Lon Coordniates	
		East	North	North	West
10-1	7/14/1997 0:00	17-343391.6	3025386.9	27° 20' 39"	082° 34' 59"
10-2	7/14/1997 0:00	17-344738.1	3025941.8	27° 20' 58"	082° 34' 11"
10-3	7/14/1997 0:00	17-343561.9	3024178.1	27° 20' 00"	082° 34' 53"
10-4	7/14/1997 0:00	17-345042.0	3022746.5	27° 19' 14"	082° 33' 58"
10-5	7/14/1997 0:00	17-346693.0	3021075.8	27° 18' 20"	082° 32' 57"
11-1	7/14/1997 0:00	17-345440.1	3027740.6	27° 21' 57"	082° 33' 46"
11-2	7/14/1997 0:00	17-346136.1	3026363.0	27° 21' 12"	082° 33' 20"
11-3	7/14/1997 0:00	17-346035.5	3024575.4	27° 20' 14"	082° 33' 23"
11-4	7/14/1997 0:00	17-347111.6	3022890.8	27° 19' 20"	082° 32' 43"
11-5	7/14/1997 0:00	17-347508.9	3021569.1	27° 18' 37"	082° 32' 28"
13-1	7/15/1997 0:00	17-347178.9	3019491.0	27° 17' 29"	082° 32' 39"
13-2	7/15/1997 0:00	17-346998.9	3018175.8	27° 16' 46"	082° 32' 45"
13-3	7/15/1997 0:00	17-347296.2	3017189.8	27° 16' 14"	082° 32' 34"
13-4	7/15/1997 0:00	17-348316.3	3015411.1	27° 15' 17"	082° 31' 56"
13-5	7/15/1997 0:00	17-348580.7	3015152.4	27° 15' 09"	082° 31' 46"
14-1	7/15/1997 0:00	17-349642.9	3013897.0	27° 14' 28"	082° 31' 07"
14-2	7/15/1997 0:00	17-350222.6	3012147.2	27° 13' 32"	082° 30' 45"
14-3	7/15/1997 0:00	17-350914.0	3011664.5	27° 13' 16"	082° 30' 20"
14-4	7/15/1997 0:00	17-351169.1	3009387.1	27° 12' 02"	082° 30' 09"
14-5	7/15/1997 0:00	17-352086.3	3007219.8	27° 10' 52"	082° 29' 35"
16-1	7/16/1997 0:00	17-352278.5	3006474.2	27° 10' 28"	082° 29' 28"
16-2	7/16/1997 0:00	17-353141.6	3004849.5	27° 09' 36"	082° 28' 56"
16-3	7/16/1997 0:00	17-353958.3	3003603.8	27° 08' 56"	082° 28' 26"
16-4	7/16/1997 0:00	17-354319.5	3002631.6	27° 08' 24"	082° 28' 12"
16-5	7/16/1997 0:00	17-354350.2	3001278.2	27° 07' 40"	082° 28' 10"
LB-1	7/16/1997 0:00	17-358489.0	2990871.2	27° 02' 04"	082° 25' 36"
LB-2	7/16/1997 0:00	17-359710.0	2988794.0	27° 00' 57"	082° 24' 51"
LB-3	7/16/1997 0:00	17-360793.9	2987109.2	27° 00' 02"	082° 24' 11"
LB-4	7/16/1997 0:00	17-362306.1	2984326.5	26° 58' 32"	082° 23' 15"
LB-5	7/16/1997 0:00	17-363965.1	2981746.2	26° 57' 09"	082° 22' 14"
MU-1	7/17/1997 0:00	17-367881.6	2997865.0	27° 05' 54"	082° 19' 58"
MU-2	7/17/1997 0:00	17-368902.3	2996357.2	27° 05' 06"	082° 19' 20"
MU-3	7/17/1997 0:00	17-369722.9	2994730.5	27° 04' 13"	082° 18' 50"
MU-4	7/17/1997 0:00	17-370703.2	2993159.0	27° 03' 22"	082° 18' 14"
MU-5	7/17/1997 0:00	17-371739.6	2992766.0	27° 03' 10"	082° 17' 36"
ML-1	7/17/1997 0:00	17-371769.1	2991812.9	27° 02' 39"	082° 17' 34"
ML-2	7/17/1997 0:00	17-373045.1	2990726.0	27° 02' 04"	082° 16' 48"
ML-3	7/17/1997 0:00	17-373607.5	2990787.3	27° 02' 06"	082° 16' 27"
ML-4	7/17/1997 0:00	17-373546.3	2989611.7	27° 01' 28"	082° 16' 29"
ML-5	7/17/1997 0:00	17-375465.7	2987326.5	27° 00' 14"	082° 15' 19"
10-1	8/21/1997 0:00	17 - 343223.5	3026536.2	27° 21' 16"	082° 35' 06"
10-2	8/21/1997 0:00	17 - 344929.5	3024385.0	27° 20' 07"	082° 34' 03"
10-3	8/21/1997 0:00	17 - 343238.3	3023939.0	27° 19' 52"	082° 35' 04"
10-4	8/21/1997 0:00	17 - 344634.8	3023680.1	27° 19' 44"	082° 34' 13"
10-5	8/21/1997 0:00	17 - 346237.7	3021841.6	27° 18' 45"	082° 33' 14"
11-1	8/21/1997 0:00	17 - 345392.0	3027357.2	27° 21' 44"	082° 33' 48"
11-2	8/21/1997 0:00	17 - 345441.2	3026386.2	27° 21' 12"	082° 33' 45"

Coordinates

Table 6. UTM Coordinates for Monitoring Stations Sampled During the January 1997 through August 1997 Monitoring Events.

Station	Date	UTM Coordniates		Lat/Lon Coordniates	
		East	North	North	West
11-3	8/21/1997 0:00	17 - 346358.9	3024838.9	27° 20' 23"	082° 33' 11"
11-4	8/21/1997 0:00	17 - 346871.4	3022567.9	27° 19' 09"	082° 32' 52"
11-5	8/21/1997 0:00	17 - 347281.1	3021413.2	27° 18' 32"	082° 32' 36"
13-1	8/18/1997 0:00	17 - 347313.2	3020020.0	27° 17' 46"	082° 32' 34"
13-2	8/18/1997 0:00	17 - 346545.2	3018915.4	27° 17' 10"	082° 33' 02"
13-3	8/18/1997 0:00	17 - 347069.0	3017559.5	27° 16' 26"	082° 32' 42"
13-4	8/18/1997 0:00	17 - 348580.5	3015152.3	27° 15' 09"	082° 31' 46"
13-5	8/18/1997 0:00	17 - 349241.4	3014749.4	27° 14' 56"	082° 31' 22"
14-1	8/18/1997 0:00	17 - 349297.8	3014085.2	27° 14' 34"	082° 31' 20"
14-2	8/18/1997 0:00	17 - 350661.9	3012836.6	27° 13' 54"	082° 30' 29"
14-3	8/18/1997 0:00	17 - 351060.2	3010389.9	27° 12' 35"	082° 30' 14"
14-4	8/18/1997 0:00	17 - 351775.7	3008864.6	27° 11' 46"	082° 29' 47"
14-5	8/18/1997 0:00	17 - 351438.3	3008222.3	27° 11' 25"	082° 29' 59"
16-1	8/19/1997 0:00	17 - 352049.5	3006858.2	27° 10' 41"	082° 29' 36"
16-2	8/19/1997 0:00	17 - 352684.2	3005507.9	27° 09' 57"	082° 29' 13"
16-3	8/19/1997 0:00	17 - 353454.3	3004281.0	27° 09' 17"	082° 28' 44"
16-4	8/19/1997 0:00	17 - 353907.2	3002842.0	27° 08' 31"	082° 28' 27"
16-5	8/19/1997 0:00	17 - 354386.8	3002028.5	27° 08' 05"	082° 28' 09"
LB-1	8/19/1997 0:00	17 - 358404.2	2991311.4	27° 02' 18"	082° 25' 39"
LB-2	8/19/1997 0:00	17 - 359499.0	2989117.3	27° 01' 07"	082° 24' 58"
LB-3	8/19/1997 0:00	17 - 361191.7	2986000.2	26° 59' 26"	082° 23' 56"
LB-4	8/19/1997 0:00	17 - 362866.6	2983616.1	26° 58' 09"	082° 22' 54"
LB-5	8/19/1997 0:00	17 - 363597.1	2983189.4	26° 57' 56"	082° 22' 27"
MU-1	8/20/1997 0:00	17 - 368373.5	2997354.9	27° 05' 38"	082° 19' 40"
MU-2	8/20/1997 0:00	17 - 369117.1	2996292.5	27° 05' 04"	082° 19' 12"
MU-3	8/20/1997 0:00	17 - 369774.9	2994447.0	27° 04' 04"	082° 18' 48"
MU-4	8/20/1997 0:00	17 - 370155.9	2993872.9	27° 03' 45"	082° 18' 34"
MU-5	8/20/1997 0:00	17 - 371700.0	2992326.1	27° 02' 55"	082° 17' 37"
ML-1	8/20/1997 0:00	17 - 372628.4	2991383.7	27° 02' 25"	082° 17' 03"
ML-2	8/20/1997 0:00	17 - 373076.8	2990936.9	27° 02' 11"	082° 16' 47"
ML-3	8/20/1997 0:00	17 - 373627.4	2990710.3	27° 02' 04"	082° 16' 27"
ML-4	8/20/1997 0:00	17 - 373526.9	2989367.5	27° 01' 20"	082° 16' 30"
ML-5	8/20/1997 0:00	17 - 374873.8	2986947.4	27° 00' 02"	082° 15' 40"
10-1	9/15/1997 0:00	17 - 342310.6	3025465.6	27° 20' 41"	082° 35' 39"
10-2	9/15/1997 0:00	17 - 344557.4	3025286.6	27° 20' 36"	082° 34' 17"
10-3	9/15/1997 0:00	17 - 343689.2	3024828.9	27° 20' 21"	082° 34' 48"
10-4	9/15/1997 0:00	17 - 345040.9	3022125.4	27° 18' 54"	082° 33' 58"
10-5	9/15/1997 0:00	17 - 346406.6	3021436.5	27° 18' 32"	082° 33' 08"
11-1	9/15/1997 0:00	17 - 344716.0	3027932.4	27° 22' 02"	082° 34' 12"
11-2	9/15/1997 0:00	17 - 345824.3	3025880.1	27° 20' 56"	082° 33' 31"
11-3	9/15/1997 0:00	17 - 346132.2	3023960.2	27° 19' 54"	082° 33' 19"
11-4	9/15/1997 0:00	17 - 347052.2	3023232.3	27° 19' 31"	082° 32' 45"
11-5	9/15/1997 0:00	17 - 347326.6	3020850.0	27° 18' 13"	082° 32' 34"
13-1	9/16/1997 0:00	17 - 346834.9	3019378.6	27° 17' 25"	082° 32' 51"
13-2	9/16/1997 0:00	17 - 347348.9	3018359.5	27° 16' 52"	082° 32' 32"
13-3	9/16/1997 0:00	17 - 347667.6	3016789.7	27° 16' 02"	082° 32' 20"
13-4	9/16/1997 0:00	17 - 348272.8	3015716.3	27° 15' 27"	082° 31' 58"
13-5	9/16/1997 0:00	17 - 348964.7	3014963.7	27° 15' 03"	082° 31' 32"

Coordinates

Table 6. UTM Coordinates for Monitoring Stations Sampled During the January 1997 through August 1997 Monitoring Events.

Station	Date	UTM Coordniates		Lat/Lon Coordniates	
		East	North	North	West
14-1	9/16/1997 0:00	17 - 349782.5	3013579.0	27° 14' 18"	082° 31' 02"
14-2	9/16/1997 0:00	17 - 349891.6	3012836.2	27° 13' 54"	082° 30' 57"
14-3	9/16/1997 0:00	17 - 350323.1	3011258.9	27° 13' 03"	082° 30' 41"
14-4	9/16/1997 0:00	17 - 351687.3	3009349.0	27° 12' 01"	082° 29' 51"
14-5	9/16/1997 0:00	17 - 351713.9	3007518.9	27° 11' 02"	082° 29' 49"
16-1	9/18/1997 0:00	17 - 352371.2	3005847.3	27° 10' 08"	082° 29' 24"
16-2	9/18/1997 0:00	17 - 352880.2	3005068.8	27° 09' 43"	082° 29' 05"
16-3	9/18/1997 0:00	17 - 353824.6	3003678.1	27° 08' 58"	082° 28' 31"
16-4	9/18/1997 0:00	17 - 354160.6	3002705.8	27° 08' 27"	082° 28' 18"
16-5	9/18/1997 0:00	17 - 354270.4	3001552.3	27° 07' 49"	082° 28' 13"
LB-1	9/18/1997 0:00	17 - 357458.6	2992541.5	27° 02' 57"	082° 26' 14"
LB-2	9/18/1997 0:00	17 - 359338.3	2989599.1	27° 01' 23"	082° 25' 05"
LB-3	9/18/1997 0:00	17 - 361088.0	2986602.0	26° 59' 46"	082° 24' 00"
LB-4	9/18/1997 0:00	17 - 362697.3	2984380.8	26° 58' 34"	082° 23' 01"
LB-5	9/18/1997 0:00	17 - 363206.5	2982951.8	26° 57' 48"	082° 22' 42"
MU-1	9/17/1997 0:00	17 - 367874.9	2998344.5	27° 06' 10"	082° 19' 58"
MU-2	9/17/1997 0:00	17 - 369229.9	2995753.6	27° 04' 46"	082° 19' 08"
MU-3	9/17/1997 0:00	17 - 369406.6	2995347.6	27° 04' 33"	082° 19' 01
MU-4	9/17/1997 0:00	17 - 369774.6	2994068.0	27° 03' 51"	082° 18' 48"
MU-5	9/17/1997 0:00	17 - 371695.5	2992041.4	27° 03' 51"	082° 18' 48"
ML-1	9/17/1997 0:00	17 - 372418.5	2991495.3	27° 02' 29"	082° 17' 11"
ML-2	9/17/1997 0:00	17 - 373434.0	2990303.6	27° 01' 50"	082° 16' 33"
ML-3	9/17/1997 0:00	17 - 373798.9	2990451.4	27° 01' 55"	082° 16' 20"
ML-4	9/17/1997 0:00	17 - 373758.8	2988914.3	27° 01' 05"	082° 16' 21"
ML-5	9/17/1997 0:00	17 - 375140.6	2987214.5	27° 00' 11"	082° 15' 30"
10-1	10/9/1997 0:00	17 - 343556.7	3026379.2	27° 21' 11"	082° 34' 54"
10-2	10/9/1997 0:00	17 - 344925.0	3024847.5	27° 20' 22"	082° 34' 03"
10-3	10/9/1997 0:00	17 - 343214.5	3023903.8	27° 19' 51"	082° 35' 05"
10-4	10/9/1997 0:00	17 - 345123.7	3021793.3	27° 18' 43"	082° 33' 55"
10-5	10/9/1997 0:00	17 - 346323.7	3022029.4	27° 18' 51"	082° 33' 11"
11-1	10/9/1997 0:00	17 - 345558.5	3027493.1	27° 21' 49"	082° 33' 42"
11-2	10/9/1997 0:00	17 - 345515.5	3026330.2	27° 21' 11"	082° 33' 43"
11-3	10/9/1997 0:00	17 - 346168.9	3024648.4	27° 20' 16"	082° 33' 18"
11-4	10/9/1997 0:00	17 - 347063.6	3022615.0	27° 19' 11"	082° 32' 45"
11-5	10/9/1997 0:00	17 - 347409.5	3021751.7	27° 18' 43"	082° 32' 32"
13-1	10/8/1997 0:00	17 - 346408.4	3019631.9	27° 17' 33"	082° 33' 07"
13-2	10/8/1997 0:00	17 - 347146.8	3018834.7	27° 17' 08"	082° 32' 40"
13-3	10/8/1997 0:00	17 - 347364.4	3016648.7	27° 15' 57"	082° 32' 31"
13-4	10/8/1997 0:00	17 - 348302.8	3015646.1	27° 15' 25"	082° 31' 56"
13-5	10/8/1997 0:00	17 - 349277.9	3014599.7	27° 14' 51"	082° 31' 20"
14-1	10/8/1997 0:00	17 - 349454.8	3013208.3	27° 14' 06"	082° 31' 13"
14-2	10/8/1997 0:00	17 - 350131.7	3012247.6	27° 13' 35"	082° 30' 48"
14-3	10/8/1997 0:00	17 - 351173.6	3011259.0	27° 13' 03"	082° 30' 10"
14-4	10/8/1997 0:00	17 - 351163.9	3009152.6	27° 11' 55"	082° 30' 08"
14-5	10/8/1997 0:00	17 - 351975.3	3008183.6	27° 11' 24"	082° 29' 40"
16-1	10/7/1997 0:00	17 - 352125.4	3006201.2	27° 10' 19"	082° 29' 33"
16-2	10/7/1997 0:00	17 - 352752.9	3005032.5	27° 09' 42"	082° 29' 10"
16-3	10/7/1997 0:00	17 - 353324.8	3004086.6	27° 09' 11"	082° 28' 49"

Coordinates

Table 6. UTM Coordinates for Monitoring Stations Sampled During the January 1997 through August 1997 Monitoring Events.

Station	Date	UTM Coordniates		Lat/Lon Coordniates	
		East	North	North	West
16-4	10/7/1997 0:00	17 - 353815.3	3002996.5	27° 08' 36"	082° 28' 31"
16-5	10/7/1997 0:00	17 - 354224.7	3001987.8	27° 08' 03"	082° 28' 15"
LB-1	10/7/1997 0:00	17 - 357935.2	2992031.3	27° 02' 41"	082° 25' 56"
LB-2	10/7/1997 0:00	17 - 359804.2	2988762.3	27° 00' 56"	082° 24' 47"
LB-3	10/7/1997 0:00	17 - 360542.3	2987186.2	27° 00' 05"	082° 24' 20"
LB-4	10/7/1997 0:00	17 - 362142.7	2984954.8	26° 58' 53"	082° 23' 21"
LB-5	10/7/1997 0:00	17 - 364422.3	2981622.1	26° 57' 05"	082° 21' 57"
MU-1	10/6/1997 0:00	17 - 368176.4	2997519.3	27° 05' 43"	082° 19' 47"
MU-2	10/6/1997 0:00	17 - 368782.0	2996626.2	27° 05' 14"	082° 19' 25"
MU-3	10/6/1997 0:00	17 - 369433.7	2995138.7	27° 04' 26"	082° 19' 00"
MU-4	10/6/1997 0:00	17 - 370352.0	2993629.8	27° 03' 37"	082° 18' 26"
MU-5	10/6/1997 0:00	17 - 371591.1	2992816.4	27° 03' 11"	082° 17' 41"
ML-1	10/6/1997 0:00	17 - 372703.7	2991250.9	27° 02' 21"	082° 17' 00"
ML-2	10/6/1997 0:00	17 - 373238.1	2990548.1	27° 01' 58"	082° 16' 41"
ML-3	10/6/1997 0:00	17 - 373905.0	2990329.0	27° 01' 51"	082° 16' 16"
ML-4	10/6/1997 0:00	17 - 373554.8	2989485.2	27° 01' 24"	082° 16' 29"
ML-5	10/6/1997 0:00	17 - 374129.0	2988062.6	27° 00' 38"	082° 16' 07"
10-1	11/10/1997 0:00	17 - 344113.8	3027020.8	27° 21' 33"	082° 34' 34"
10-2	11/10/1997 0:00	17 - 344816.6	3025743.5	27° 20' 51"	082° 34' 08"
10-3	11/10/1997 0:00	17 - 343601.9	3024895.8	27° 20' 23"	082° 34' 52"
10-4	11/10/1997 0:00	17 - 344155.0	3023051.9	27° 19' 24"	082° 34' 31"
10-5	11/10/1997 0:00	17 - 345996.8	3021182.3	27° 18' 24"	082° 33' 23"
11-1	11/10/1997 0:00	17 - 344953.2	3027178.7	27° 21' 38"	082° 34' 03"
11-2	11/10/1997 0:00	17 - 346060.6	3026161.0	27° 21' 05"	082° 33' 23"
11-3	11/10/1997 0:00	17 - 345720.9	3024539.6	27° 20' 13"	082° 33' 34"
11-4	11/10/1997 0:00	17 - 346688.6	3023280.9	27° 19' 32"	082° 32' 59"
11-5	11/10/1997 0:00	17 - 347433.8	3021279.8	27° 18' 27"	082° 32' 31"
13-1	11/11/1997 0:00	17 - 346797.4	3019407.0	27° 17' 26"	082° 32' 53"
13-2	11/11/1997 0:00	17 - 346717.8	3018579.3	27° 16' 59"	082° 32' 55"
13-3	11/11/1997 0:00	17 - 347660.8	3016618.4	27° 15' 56"	082° 32' 20"
13-4	11/11/1997 0:00	17 - 348037.5	3015921.5	27° 15' 34"	082° 32' 06"
13-5	11/11/1997 0:00	17 - 349032.9	3014865.3	27° 15' 00"	082° 31' 30"
14-1	11/11/1997 0:00	17 - 349830.3	3013848.7	27° 14' 27"	082° 21' 00"
14-2	11/11/1997 0:00	17 - 350274.9	3011916.6	27° 13' 24"	082° 30' 43"
14-3	11/11/1997 0:00	17 - 350963.9	3011513.4	27° 13' 11"	082° 30' 18"
14-4	11/11/1997 0:00	17 - 351186.0	3008777.4	27° 11' 43"	082° 30' 09"
14-5	11/11/1997 0:00	17 - 351577.7	3007952.0	27° 11' 16"	082° 29' 54"
16-1	11/13/1997 0:00	17 - 352264.4	3006488.7	27° 10' 29"	082° 29' 28"
16-2	11/13/1997 0:00	17 - 353068.1	3004912.3	27° 09' 38"	082° 28' 59"
16-3	11/13/1997 0:00	17 - 353538.1	3003456.4	27° 08' 51"	082° 28' 41"
16-4	11/13/1997 0:00	17 - 354288.3	3002690.7	27° 08' 26"	082° 28' 13"
16-5	11/13/1997 0:00	17 - 354298.7	3001543.5	27° 07' 49"	082° 28' 12"
LB-1	11/13/1997 0:00	17 - 358508.2	2990831.3	27° 02' 02"	082° 25' 35"
LB-2	11/13/1997 0:00	17 - 359326.7	2989451.1	27° 01' 18"	082° 25' 05"
LB-3	11/13/1997 0:00	17 - 361185.5	2986583.5	26° 59' 45"	082° 23' 56"
LB-4	11/13/1997 0:00	17 - 362142.8	2984534.3	26° 58' 39"	082° 23' 21"
LB-5	11/13/1997 0:00	17 - 363348.9	2982448.9	26° 57' 32"	082° 22' 36"
MU-1	11/12/1997 0:00	17 - 367975.8	2997661.6	27° 05' 48"	082° 19' 54"

Coordinates

Table 6. UTM Coordinates for Monitoring Stations Sampled During the January 1997 through August 1997 Monitoring Events.

Station	Date	UTM Coordinates		Lat/Lon Coordinates	
		East	North	North	West
MU-2	11/12/1997 0:00	17 - 369190.1	2995985.2	27° 04' 54"	082° 19' 10"
MU-3	11/12/1997 0:00	17 - 369407.8	2995371.7	27° 03' 34"	082° 19' 01"
MU-4	11/12/1997 0:00	17 - 370572.7	2993385.3	27° 03' 30"	082° 18' 18"
MU-5	11/12/1997 0:00	17 - 371298.2	2992771.6	27° 03' 10"	082° 17' 52"
ML-1	11/12/1997 0:00	17 - 371784.9	2991797.5	27° 02' 38"	082° 17' 34"
ML-2	11/12/1997 0:00	17 - 373393.7	2990334.6	27° 01' 51"	082° 16' 35"
ML-3	11/12/1997 0:00	17 - 373659.0	2990665.4	27° 02' 02"	082° 16' 25"
ML-4	11/12/1997 0:00	17 - 373626.9	2989086.5	27° 01' 11"	082° 16' 26"
ML-5	11/12/1997 0:00	17 - 375272.9	2986938.6	27° 00' 02"	082° 15' 25"
10-1	12/9/1997 0:00	17 - 343577.5	3026126.4	27° 20' 58"	082° 34' 53"
10-2	12/9/1997 0:00	17 - 344816.1	3025247.7	27° 20' 30"	082° 34' 08"
10-3	12/9/1997 0:00	17 - 343855.8	3024509.4	27° 20' 05"	082° 34' 42"
10-4	12/9/1997 0:00	17 - 345460.8	3023728.5	27° 19' 41"	082° 33' 43"
10-5	12/9/1997 0:00	17 - 346649.7	3021182.6	27° 18' 18"	082° 32' 59"
11-1	12/9/1997 0:00	17 - 344795.8	3027710.6	27° 21' 50"	082° 34' 09"
11-2	12/9/1997 0:00	17 - 345975.6	3025774.3	27° 20' 47"	082° 34' 02"
11-3	12/9/1997 0:00	17 - 346023.1	3025131.4	27° 20' 26"	082° 33' 24"
11-4	12/9/1997 0:00	17 - 346797.3	3023643.6	27° 19' 38"	082° 32' 55"
11-5	12/9/1997 0:00	17 - 347083.1	3021726.9	27° 18' 36"	082° 32' 44"
13-1	12/10/1997 0:00	17 - 347239.2	3019589.3	27° 11' 27"	082° 32' 37"
13-2	12/10/1997 0:00	17 - 346848.0	3018813.3	27° 17' 02"	082° 32' 51"
13-3	12/10/1997 0:00	17 - 347096.9	3017285.6	27° 16' 12"	082° 32' 41"
13-4	12/10/1997 0:00	17 - 347855.3	3015748.2	27° 15' 22"	082° 32' 13"
13-5	12/10/1997 0:00	17 - 348599.0	3015090.5	27° 15' 01"	082° 31' 45"
14-1	12/10/1997 0:00	17 - 349357.6	3013451.2	27° 14' 08"	082° 31' 17"
14-2	12/10/1997 0:00	17 - 350522.2	3012829.2	27° 13' 49"	082° 30' 35"
14-3	12/10/1997 0:00	17 - 350996.1	3010213.7	27° 12' 24"	082° 30' 16"
14-4	12/10/1997 0:00	17 - 351690.6	3009217.9	27° 11' 52"	082° 29' 50"
14-5	12/10/1997 0:00	17 - 351728.1	3007587.0	27° 10' 59"	082° 29' 48"
16-1	12/12/1997 0:00	17 - 352514.0	3006119.1	27° 10' 11"	082° 29' 19"
16-2	12/12/1997 0:00	17 - 352726.3	3005549.5	27° 09' 53"	082° 29' 11"
16-3	12/12/1997 0:00	17 - 353482.8	3004186.1	27° 09' 09"	082° 28' 43"
16-4	12/12/1997 0:00	17 - 354001.9	3002838.4	27° 08' 25"	082° 28' 24"
16-5	12/12/1997 0:00	17 - 354382.0	3002004.8	27° 07' 58"	082° 28' 10"
LB-1	12/12/1997 0:00	17 - 358178.0	2991578.3	27° 02' 21"	082° 25' 47"
LB-2	12/12/1997 0:00	17 - 359591.0	2989161.3	27° 01' 03"	082° 24' 55"
LB-3	12/12/1997 0:00	17 - 360752.9	2986788.0	26° 59' 46"	082° 24' 12"
LB-4	12/12/1997 0:00	17 - 362176.6	2985149.1	26° 58' 54"	082° 23' 20"
LB-5	12/12/1997 0:00	17 - 364544.3	2981640.7	26° 57' 00"	082° 21' 53"
MU-1	12/11/1997 0:00	17 - 367852.5	2998092.5	27° 05' 56"	082° 19' 59"
MU-2	12/11/1997 0:00	17 - 368344.3	2996721.7	27° 05' 12"	082° 19' 41"
MU-3	12/11/1997 0:00	17 - 369771.0	2994452.8	27° 03' 59"	082° 18' 48"
MU-4	12/11/1997 0:00	17 - 370352.4	2993654.7	27° 03' 33"	082° 18' 26"
MU-5	12/11/1997 0:00	17 - 371534.9	2992337.1	27° 02' 50"	082° 17' 43"
ML-1	12/11/1997 0:00	17 - 372558.0	2991434.8	27° 02' 21"	082° 17' 06"
ML-2	12/11/1997 0:00	17 - 373118.9	2990647.1	27° 01' 56"	082° 16' 45"
ML-3	12/11/1997 0:00	17 - 373902.1	2990394.1	27° 01' 48"	082° 16' 16"
ML-4	12/11/1997 0:00	17 - 373830.2	2989769.3	27° 01' 28"	082° 16' 19"

Coordinates

Table 6. UTM Coordinates for Monitoring Stations Sampled During the January 1997 through August 1997 Monitoring Events.

Station	Date	UTM Coordniates		Lat/Lon Coordniates	
		East	North	North	West
ML-5	12/11/1997 0:00	17 - 374066.8	2988078.5	27° 00' 33"	082° 16' 10"

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the January 1998 Monitoring Event.

[illegible]

Table 1. Results of Laboratory Analyses and In Situ Measurements Performed During the January 1998 Monitoring Event.

Station	Date (mm/dd/yy)	Time (24-hours)	Depth	Water Depth (m)	Sample Depth (m)	Water Temp (°C)	pH (pH Units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct µmhos/cm	BOD (mg/L)	Color (APU)	Turbidity (NTU)	TSS (mg/L)	Dissolved NO2 (mg/L)	Dissolved NO3 (mg/L)	Dissolved NH3 (mg/L)	Dissolved Inorganic N (mg/L)	Total NO2+NO3 (mg/L)	Total NH3 (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	OP (mg/L)	TP (mg/L)	Chloro- phyll (µg/L)	Secchi Depth (m)
16-5	1/12/1998	12:05	Surface	2.0	0.2	19.01	7.98	6.91	27.73	43,001																
16-5	1/12/1998	12:05	Mid	2.0	1.0	19.00	7.98	6.90	28.09	43,503	0.1	10	2.8	8.8	<0.01	<0.01	0.03	0.03	<0.01	0.05	0.35	0.35	0.01	0.07	3.8	1.8
16-5	1/12/1998	12:05	Bottom	2.0	1.8	19.00	7.97	6.92	28.12	43,536																
LB-1	1/12/1998	11:05	Surface	2.0	0.2	19.62	7.91	6.19	17.30	28,054																
LB-1	1/12/1998	11:05	Mid	2.0	1.0	19.61	7.92	6.15	17.46	28,266	1.0	40	2.4	13.0	<0.01	0.02	0.04	0.06	0.02	0.06	1.06	1.08	0.08	0.14	10.8	1.3
LB-1	1/12/1998	11:05	Bottom	2.0	1.8	19.54	7.94	6.24	17.49	28,312																
LB-2	1/12/1998	10:50	Surface	2.6	0.2	19.32	7.96	6.34	17.66	28,562																
LB-2	1/12/1998	10:50	Mid	2.6	1.0	19.24	7.96	6.30	17.66	28,556	1.2	35	2.0	10.2	<0.01	0.01	0.04	0.05	0.01	0.05	0.80	0.81	0.08	0.15	13.3	1.4
LB-2	1/12/1998	10:50	Bottom	2.6	2.4	19.28	7.96	6.27	17.71	28,636																
LB-3	1/12/1998	10:35	Surface	1.0	0.2	18.90	8.09	7.22	17.55	28,386																
LB-3	1/12/1998	10:35	Mid	1.0	0.5	19.03	8.09	7.02	17.69	28,603	2.0	40	2.1	5.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.97	0.97	0.08	0.48	22.0	1.0*
LB-3	1/12/1998	10:35	Bottom	1.0	0.8	19.22	8.08	6.83	17.99	29,029																
LB-4	1/12/1998	10:20	Surface	1.3	0.2	18.06	8.17	8.06	18.67	30,072																
LB-4	1/12/1998	10:20	Mid	1.3	0.6	18.00	8.17	7.67	18.71	30,101	1.6	30	2.0	8.4	<0.01	<0.01	0.02	0.02	<0.01	0.02	0.76	0.76	0.06	0.16	13.2	1.3*
LB-4	1/12/1998	10:20	Bottom	1.3	1.1	20.20	8.10	5.58	19.98	31,700																
LB-5	1/12/1998	10:00	Surface	1.8	0.2	18.40	8.24	8.59	20.32	32,437																
LB-5	1/12/1998	10:00	Mid	1.8	0.9	18.43	8.20	8.29	20.32	32,458	1.6	30	1.5	6.4	<0.01	<0.01	0.04	0.04	<0.01	0.06	0.95	0.95	0.04	0.08	6.0	1.8*
LB-5	1/12/1998	10:00	Bottom	1.8	1.6	20.15	8.03	5.69	21.47	34,215																
LB-5 Rep	1/12/1998	10:10	Surface	1.8	0.2	18.42	8.24	8.67	20.31	32,442																
LB-5 Rep	1/12/1998	10:10	Mid	1.8	0.9	18.41	8.22	8.45	20.32	32,448	1.4	30	1.7	6.0	<0.01	<0.01	0.03	0.03	<0.01	0.03	0.92	0.92	0.03	0.08	5.9	1.8*
LB-5 Rep	1/12/1998	10:10	Bottom	1.8	1.6	20.08	8.05	5.73	21.59	34,304																
ML-1	1/6/1998	11:05	Surface	1.5	0.2	19.63	7.01	6.72	0.08	161																
ML-1	1/6/1998	11:05	Mid	1.5	0.7	19.53	7.07	6.75	0.07	159	0.4	225	0.8	0.6	0.01	0.04	0.08	0.13	0.05	0.08	0.83	0.88	0.30	0.33	1.0	0.7
ML-1	1/6/1998	11:05	Bottom	1.5	1.3	19.44	7.15	6.86	0.07	159																
ML-2	1/6/1998	10:50	Surface	1.8	0.2	19.50	7.13	6.81	0.08	164																
ML-2	1/6/1998	10:50	Mid	1.8	0.9	19.50	7.22	6.89	0.08	164	0.5	175	0.7	0.4	<0.01	0.03	0.05	0.08	0.03	0.08	0.68	0.71	0.31	0.31	1.4	0.6
ML-2	1/6/1998	10:50	Bottom	1.8	1.6	19.49	7.35	7.18	0.08	162																
ML-3	1/6/1998	10:30	Surface	3.2	0.2	19.80	7.02	6.86	0.26	538																
ML-3	1/6/1998	10:30	Mid	3.2	1.0	19.73	7.03	6.83	0.30	613	0.6	200	1.1	0.4	0.01	0.04	0.05	0.10	0.05	0.06	0.60	0.65	0.27	0.29	0.7	0.6
ML-3	1/6/1998	10:30	Bottom	3.2	3.0	19.85	6.94	6.78	0.58	1,156																
ML-4	1/6/1998	10:15	Surface	3.4	0.2	19.96	7.00	7.04	0.20	422																
ML-4	1/6/1998	10:15	Mid	3.4	1.0	19.84	7.02	7.05	0.20	418	0.6	150	1.2	1.2	<0.01	0.04	0.04	0.08	0.05	0.04	0.72	0.77	0.24	0.28	1.5	0.6
ML-4	1/6/1998	10:15	Bottom	3.4	3.2	19.83	7.03	7.04	0.21	427																
ML-5	1/6/1998	9:50	Surface	1.6	0.2	19.81	7.02	7.09	0.18	383																
ML-5	1/6/1998	9:50	Mid	1.6	0.8	19.80	7.04	7.09	0.18	385	0.6	200	1.1	1.2	<0.01	0.04	0.03	0.07	0.05	0.03	0.61	0.66	0.26	0.31	1.5	0.6
ML-5	1/6/1998	9:50	Bottom	1.6	1.4	19.79	7.10	7.11	0.19	387																
ML-5 Rep	1/6/1998	10:00	Surface	1.6	0.2	19.82	7.01	7.09	0.18	384																
ML-5 Rep	1/6/1998	10:00	Mid	1.6	0.8	19.81	7.04	7.09	0.18	385	0.5	200	1.1	1.0	<0.01	0.03	0.05	0.08	0.04	0.05	0.63	0.67	0.26	0.29	1.6	0.6
ML-5 Rep	1/6/1998	10:00	Bottom	1.6	1.4	19.80	7.07	7.10	0.19	387																
MU-1	1/6/1998	13:00	Surface	2.3	0.2	20.04	6.69	6.26	0.07	141																
MU-1	1/6/1998	13:00	Mid	2.3	1.0	20.03	6.69	6.26	0.07	141	0.6	225	0.8	1.6	<0.01	0.03	0.02	0.05	0.03	0.02	0.46	0.49	0.32	0.33	1.6	0.7
MU-1	1/6/1998	13:00	Bottom	2.3	2.1	20.02	6.69	6.26	0.07	141																
MU-2	1/6/1998	12:30	Surface	3.0	0.2	20.03	6.85	6.44	0.07	145																
MU-2	1/6/1998	12:30	Mid	3.0	1.0	20.02	6.90	6.48	0.07	145	0.5	175	0.7	0.2	<0.01	0.04	0.03	0.07	0.04	0.03	0.43	0.47	0.33	0.35	0.7	0.7
MU-2	1/6/1998	12:30	Bottom	3.0	2.8	20.02	6.97	6.61	0.07	145																
MU-3	1/6/1998	12:10	Surface	2.5	0.2	20.07	6.77	6.46	0.07	148																
MU-3	1/6/1998	12:10	Mid	2.5	1.0	20.03	6.77	6.47	0.07	148	0.6	175	0.7	0.6	<0.01	0.04	0.05	0.09	0.05	0.08	0.89	0.94	0.33	0.34	0.7	0.7
MU-3	1/6/1998	12:10	Bottom	2.5	2.3	20.00	6.78	6.47	0.07	148																
MU-4	1/6/1998	11:50	Surface	1.1	0.2	20.04	6.85	6.57	0.07	155																
MU-4	1/6/1998	11:50	Mid	1.1	0.5	20.01	6.86	6.59	0.07	156	0.5	150	0.7	0.1	<0.01	0.03	0.04	0.07	0.05	0.05	0.60	0.65	0.34	0.39	1.4	0.7
MU-4	1/6/1998	11:50	Bottom	1.1	0.9	19.98	6.90	6.63	0.07	156																
MU-5	1/6/1998	11:25	Surface	2.8	0.2	19.81	6.89	6.61	0.07	156																
MU-5	1/6/1998	11:25	Mid	2.8	1.0	19.55	6.91	6.64	0.07	157	0.6	200	0.8	1.0	<0.01	0.03	0.02	0.05	0.04	0.04	0.58	0.62	0.32	0.34	0.7	0.7
MU-5	1/6/1998	11:25	Bottom	2.8	2.6	19.52	6.95	6.66	0.07	155																
Equip Blank	1/9/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	0.1	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	<0.01	0.01	<1.0	NA
Equip Blank	1/7/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.10	<5	<0.1	<0.1	<0.01	<0.01										

Station = Segment ID + Site Number (1-5)

LB=Lemon Bay, MU=Upper Myakka River, ML=Lower Myakka River.

*--Secchi Disk seen on bottom.

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the January 1998 Monitoring Event.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct µmhos/cm
10-1	1/9/1998	7:05	Surface	2.5	0.2	20.80	8.05	7.49	25.62	40,050
10-1	1/9/1998	7:05	Mid	2.5	1.0	20.81	8.05	7.50	25.63	40,071
10-1	1/9/1998	7:05	Bottom	2.5	2.3	20.82	8.04	7.51	25.65	40,091
10-2	1/9/1998	6:45	Surface	1.6	0.2	20.92	8.03	7.71	25.55	39,957
10-2	1/9/1998	6:45	Mid	1.6	0.8	20.92	8.03	7.70	25.56	39,970
10-2	1/9/1998	6:45	Bottom	1.6	1.4	20.92	8.03	7.68	25.57	39,975
10-3	1/9/1998	6:50	Surface	1.6	0.2	20.42	8.03	7.77	26.39	41,132
10-3	1/9/1998	6:50	Mid	1.6	0.8	20.42	8.02	7.77	26.38	41,124
10-3	1/9/1998	6:50	Bottom	1.6	1.4	20.42	8.02	7.77	26.34	41,119
10-4	1/9/1998	6:40	Surface	1.3	0.2	20.83	8.03	7.83	25.63	40,053
10-4	1/9/1998	6:40	Mid	1.3	0.6	20.83	8.02	7.80	25.62	40,044
10-4	1/9/1998	6:40	Bottom	1.3	1.1	20.91	8.00	7.75	25.71	40,188
10-5	1/9/1998	6:20	Surface	5.1	0.2	20.94	7.96	7.26	25.16	39,398
10-5	1/9/1998	6:20	Mid	5.1	1.0	20.82	7.95	7.27	25.64	40,001
10-5	1/9/1998	6:20	Bottom	5.1	4.9	20.82	7.92	7.32	25.97	40,546
11-1	1/9/1998	7:15	Surface	2.7	0.2	20.88	8.06	7.68	25.53	39,926
11-1	1/9/1998	7:15	Mid	2.7	1.0	20.88	8.05	7.65	25.54	39,943
11-1	1/9/1998	7:15	Bottom	2.7	2.5	20.84	8.01	7.45	26.29	40,992
11-2	1/9/1998	7:30	Surface	2.4	0.2	20.85	7.99	7.15	26.00	40,594
11-2	1/9/1998	7:30	Mid	2.4	1.0	20.86	7.99	7.14	26.02	40,616
11-2	1/9/1998	7:30	Bottom	2.4	2.2	20.87	7.99	7.16	26.03	40,627
11-3	1/9/1998	5:50	Surface	2.4	0.2	20.89	7.91	7.56	26.02	40,622
11-3	1/9/1998	5:50	Mid	2.4	1.0	20.96	7.89	7.57	26.10	40,740
11-3	1/9/1998	5:50	Bottom	2.4	2.2	21.03	7.85	7.55	26.23	40,918
11-4	1/9/1998	6:00	Surface	1.9	0.2	20.80	7.94	7.11	25.78	40,305
11-4	1/9/1998	6:00	Mid	1.9	0.9	20.81	7.93	7.03	26.12	40,750
11-4	1/9/1998	6:00	Bottom	1.9	1.7	20.61	7.92	6.98	26.24	40,920
11-5	1/9/1998	6:10	Surface	1.7	0.2	21.78	7.96	7.34	17.82	28,821
11-5	1/9/1998	6:10	Mid	1.7	0.8	21.74	7.97	7.30	18.20	29,389
11-5	1/9/1998	6:10	Bottom	1.7	1.5	21.65	7.92	7.18	25.05	39,220
13-1	1/7/1998	6:35	Surface	3.5	0.2	20.51	7.87	8.11	23.41	36,918
13-1	1/7/1998	6:35	Mid	3.5	1.0	20.37	7.85	8.09	23.98	37,734
13-1	1/7/1998	6:35	Bottom	3.5	3.3	19.68	7.74	8.06	25.81	40,350
13-2	1/7/1998	6:45	Surface	3.6	0.2	21.13	7.93	7.74	18.33	29,570
13-2	1/7/1998	6:45	Mid	3.6	1.0	20.61	7.90	7.80	23.04	36,605
13-2	1/7/1998	6:45	Bottom	3.6	3.4	19.98	7.88	7.87	25.05	39,240
13-3	1/7/1998	6:55	Surface	3.2	0.2	21.83	7.85	7.15	10.75	18,577
13-3	1/7/1998	6:55	Mid	3.2	1.0	21.60	7.90	7.04	14.73	24,570
13-3	1/7/1998	6:55	Bottom	3.2	3.0	20.91	7.83	6.90	21.41	34,075
13-4	1/7/1998	7:05	Surface	3.7	0.2	21.57	7.78	6.98	16.58	26,996
13-4	1/7/1998	7:05	Mid	3.7	1.0	21.57	7.77	7.01	16.64	27,000
13-4	1/7/1998	7:05	Bottom	3.7	3.5	21.57	7.76	7.07	16.65	27,099
13-5	1/7/1998	7:10	Surface	2.4	0.2	21.60	7.82	7.35	16.25	26,494
13-5	1/7/1998	7:10	Mid	2.4	1.0	21.60	7.82	7.49	16.28	26,533
13-5	1/7/1998	7:10	Bottom	2.4	2.2	21.60	7.82	7.69	16.29	26,547
14-1	1/7/1998	7:15	Surface	1.8	0.2	21.64	7.88	7.67	15.74	25,736
14-1	1/7/1998	7:15	Mid	1.8	0.9	21.60	7.89	7.60	15.77	25,816
14-1	1/7/1998	7:15	Bottom	1.8	1.6	21.59	7.87	7.60	16.47	26,786
14-2	1/7/1998	7:20	Surface	2.1	0.2	21.75	7.97	8.03	15.31	25,101
14-2	1/7/1998	7:20	Mid	2.1	1.0	21.68	7.90	7.57	15.42	25,284
14-2	1/7/1998	7:20	Bottom	2.1	1.9	21.41	7.77	6.30	17.35	28,094
14-3	1/7/1998	7:25	Surface	2.7	0.2	21.90	8.14	8.89	16.68	27,141
14-3	1/7/1998	7:25	Mid	2.7	1.0	21.88	8.08	8.89	16.71	27,182
14-3	1/7/1998	7:25	Bottom	2.7	2.5	21.57	7.89	6.44	18.91	30,740
14-4	1/7/1998	7:30	Surface	1.5	0.2	21.63	7.91	6.86	18.63	30,017
14-4	1/7/1998	7:30	Mid	1.5	0.7	21.63	7.90	6.84	18.79	30,244
14-4	1/7/1998	7:30	Bottom	1.5	1.3	21.62	7.91	6.83	19.15	30,775
14-5	1/7/1998	7:40	Surface	2.1	0.2	21.44	7.82	6.35	19.92	31,871
14-5	1/7/1998	7:40	Mid	2.1	1.0	21.44	7.82	6.37	19.94	31,896
14-5	1/7/1998	7:40	Bottom	2.1	1.9	21.44	7.85	6.40	19.96	31,959
16-1	1/12/1998	6:15	Surface	3.9	0.2	18.67	7.94	8.02	20.17	32,236
16-1	1/12/1998	6:15	Mid	3.9	1.0	18.69	7.89	8.02	20.23	32,316
16-1	1/12/1998	6:15	Bottom	3.9	3.7	18.70	7.79	8.04	20.28	32,389
16-2	1/12/1998	6:25	Surface	3.4	0.2	18.69	8.03	7.60	19.94	31,890
16-2	1/12/1998	6:25	Mid	3.4	1.0	18.76	8.02	7.53	20.11	32,128

Dissolved Oxygen

Table 2. Results of Early Morning In Situ Measurements Collected During the January 1998 Monitoring Event.

Station	Date (mm/dd/yy)	Time (24-hour)	Depth	Water Depth (m)	Sample Depth (m)	Water Temperature (°C)	pH (pH units)	Dissolved Oxygen (mg/L)	Salinity (ppt)	Specific Conduct µmhos/cm
16-2	1/12/1998	6:25	Bottom	3.4	3.2	18.81	7.99	7.52	20.63	32,900
16-3	1/12/1998	6:35	Surface	2.8	0.2	18.68	8.01	7.34	20.94	33,311
16-3	1/12/1998	6:35	Mid	2.8	1.0	18.70	8.01	7.40	20.75	33,060
16-3	1/12/1998	6:35	Bottom	2.8	2.6	18.79	8.00	7.51	20.85	33,277
16-4	1/12/1998	6:45	Surface	3.5	0.2	18.72	7.98	7.02	22.92	36,336
16-4	1/12/1998	6:45	Mid	3.5	1.0	18.70	7.98	7.03	23.09	36,431
16-4	1/12/1998	6:45	Bottom	3.5	3.3	18.70	7.97	7.07	22.97	36,654
16-5	1/12/1998	6:55	Surface	3.1	0.2	18.70	7.98	7.02	23.29	36,733
16-5	1/12/1998	6:55	Mid	3.1	1.0	18.70	7.98	7.02	23.34	36,811
16-5	1/12/1998	6:55	Bottom	3.1	2.9	18.70	7.98	7.03	23.38	36,878
LB-1	1/12/1998	7:25	Surface	3.1	0.2	19.04	7.77	5.98	17.41	28,174
LB-1	1/12/1998	7:25	Mid	3.1	1.0	19.70	7.80	5.99	17.50	28,338
LB-1	1/12/1998	7:25	Bottom	3.1	2.9	19.76	7.77	5.97	17.56	28,428
LB-2	1/12/1998	7:35	Surface	1.3	0.2	19.11	7.86	6.06	17.49	28,242
LB-2	1/12/1998	7:35	Mid	1.3	0.6	19.57	7.86	6.15	17.67	28,565
LB-2	1/12/1998	7:35	Bottom	1.3	1.1	19.71	7.85	6.09	17.71	28,641
LB-3	1/12/1998	7:45	Surface	1.7	0.2	18.84	7.97	6.60	17.30	28,022
LB-3	1/12/1998	7:45	Mid	1.7	0.8	18.83	8.02	7.19	17.31	28,049
LB-3	1/12/1998	7:45	Bottom	1.7	1.5	20.19	8.10	7.19	18.62	30,000
LB-4	1/12/1998	7:55	Surface	1.6	0.2	18.28	8.05	7.04	18.14	29,178
LB-4	1/12/1998	7:55	Mid	1.6	0.8	19.03	8.07	6.92	18.51	29,799
LB-4	1/12/1998	7:55	Bottom	1.6	1.4	18.72	7.97	6.32	18.86	30,349
LB-5	1/12/1998	8:05	Surface	1.7	0.2	17.70	8.22	7.80	19.26	30,900
LB-5	1/12/1998	8:05	Mid	1.7	0.8	18.42	8.17	7.72	20.18	32,243
LB-5	1/12/1998	8:05	Bottom	1.7	1.5	19.72	7.93	6.40	22.28	35,295
ML-1	1/6/1998	7:35	Surface	2.1	0.2	19.39	6.96	6.84	0.07	157
ML-1	1/6/1998	7:35	Mid	2.1	1.0	19.39	7.02	6.90	0.07	158
ML-1	1/6/1998	7:35	Bottom	2.1	1.9	19.40	7.09	7.37	0.08	161
ML-2	1/6/1998	7:45	Surface	1.9	0.2	19.37	6.93	6.77	0.08	164
ML-2	1/6/1998	7:45	Mid	1.9	0.9	19.36	6.97	6.82	0.08	163
ML-2	1/6/1998	7:45	Bottom	1.9	1.7	19.35	7.01	6.89	0.08	162
ML-3	1/6/1998	8:00	Surface	0.9	0.2	19.48	7.00	6.74	0.09	181
ML-3	1/6/1998	8:00	Mid	0.9	0.4	19.40	7.07	6.79	0.08	180
ML-3	1/6/1998	8:00	Bottom	0.9	0.7	19.54	6.87	6.79	0.39	790
ML-4	1/6/1998	8:10	Surface	1.6	0.2	19.81	6.95	7.00	0.20	420
ML-4	1/6/1998	8:10	Mid	1.6	0.8	19.71	6.95	7.03	0.23	483
ML-4	1/6/1998	8:10	Bottom	1.6	1.4	19.68	6.96	7.09	0.25	510
ML-5	1/6/1998	8:20	Surface	1.3	0.2	19.78	7.20	7.22	0.20	412
ML-5	1/6/1998	8:20	Mid	1.3	0.6	19.79	7.23	7.30	0.20	412
ML-5	1/6/1998	8:20	Bottom	1.3	1.1	19.79	7.25	7.62	0.20	415
MU-1	1/6/1998	6:20	Surface	2.7	0.2	19.69	6.80	6.50	0.07	140
MU-1	1/6/1998	6:20	Mid	2.7	1.0	19.70	6.80	6.52	0.07	140
MU-1	1/6/1998	6:20	Bottom	2.7	2.5	19.68	6.84	6.60	0.07	140
MU-2	1/6/1998	6:40	Surface	1.5	0.2	19.67	6.78	6.53	0.07	147
MU-2	1/6/1998	6:40	Mid	1.5	0.7	19.67	6.79	6.54	0.07	147
MU-2	1/6/1998	6:40	Bottom	1.5	1.3	19.67	6.82	6.58	0.07	148
MU-3	1/6/1998	6:55	Surface	1.9	0.2	19.61	6.80	6.56	0.07	147
MU-3	1/6/1998	6:55	Mid	1.9	0.9	19.61	6.80	6.58	0.07	147
MU-3	1/6/1998	6:55	Bottom	1.9	1.7	19.61	6.85	6.64	0.07	147
MU-4	1/6/1998	7:05	Surface	1.8	0.2	19.50	6.83	6.60	0.07	152
MU-4	1/6/1998	7:05	Mid	1.8	0.9	19.49	6.85	6.64	0.07	151
MU-4	1/6/1998	7:05	Bottom	1.8	1.6	19.49	6.92	6.72	0.07	151
MU-5	1/6/1998	7:20	Surface	1.6	0.2	19.37	6.94	6.67	0.08	168
MU-5	1/6/1998	7:20	Mid	1.6	0.8	19.37	6.96	6.70	0.08	168
MU-5	1/6/1998	7:20	Bottom	1.6	1.4	19.37	7.00	6.75	0.08	168

Station = Segment Number + Site Number (1-5)

LB=Lemon Bay, MU=Upper Myakka River, ML=Lower Myakka River.

Light

Table 3. Light Readings and Light Extinction Coefficients for the January 1998 Monitoring Event.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
10-1	1/9/1998	10:45	2.1	1.0	667.20	300.20	-1.5973
10-1	1/9/1998	10:45	2.1	1.0	651.80	294.80	-1.5869
10-1	1/9/1998	10:45	2.1	1.0	624.70	282.20	-1.5893
10-2	1/9/1998	10:20	1.5	0.7	643.50	310.50	-1.4575
10-2	1/9/1998	10:20	1.5	0.7	662.10	318.90	-1.4611
10-2	1/9/1998	10:20	1.5	0.7	686.40	330.00	-1.4647
10-3	1/9/1998	10:30	1.9	0.9	597.70	298.80	-1.3866
10-3	1/9/1998	10:30	1.9	0.9	654.10	326.70	-1.3884
10-3	1/9/1998	10:30	1.9	0.9	609.80	304.90	-1.3863
10-4	1/9/1998	10:00	1.3	0.6	696.60	471.90	-0.7789
10-4	1/9/1998	10:00	1.3	0.6	685.80	466.50	-0.7707
10-4	1/9/1998	10:00	1.3	0.6	672.00	456.00	-0.7755
10-4 Rep	1/9/1998	10:10	1.3	0.6	717.00	487.80	-0.7703
10-4 Rep	1/9/1998	10:10	1.3	0.6	674.40	457.20	-0.7774
10-4 Rep	1/9/1998	10:10	1.3	0.6	695.40	471.60	-0.7767
10-5	1/9/1998	11:10	4.1	1.0	574.80	215.07	-1.9661
10-5	1/9/1998	11:10	4.1	1.0	555.90	208.65	-1.9599
10-5	1/9/1998	11:10	4.1	1.0	580.20	217.62	-1.9612
11-1	1/9/1998	12:00	3.2	1.0	712.80	376.80	-1.2750
11-1	1/9/1998	12:00	3.2	1.0	679.80	358.80	-1.2781
11-1	1/9/1998	12:00	3.2	1.0	673.50	356.40	-1.2729
11-2	1/9/1998	11:50	3.1	1.0	592.80	309.90	-1.2972
11-2	1/9/1998	11:50	3.1	1.0	606.60	315.30	-1.3087
11-2	1/9/1998	11:50	3.1	1.0	622.50	325.20	-1.2986
11-3	1/9/1998	11:35	2.3	1.0	639.20	419.90	-0.8404
11-3	1/9/1998	11:35	2.3	1.0	628.00	411.20	-0.8469
11-3	1/9/1998	11:35	2.3	1.0	626.80	411.10	-0.8436
11-4	1/9/1998	11:00	2.3	1.0	615.90	376.50	-0.9843
11-4	1/9/1998	11:00	2.3	1.0	657.00	409.80	-0.9440
11-4	1/9/1998	11:00	2.3	1.0	607.50	381.00	-0.9331
11-5	1/9/1998	11:20	1.7	0.8	886.80	262.62	-2.4338
11-5	1/9/1998	11:20	1.7	0.8	882.60	276.54	-2.3210
11-5	1/9/1998	11:20	1.7	0.8	872.70	283.74	-2.2471
13-1	1/7/1998	12:25	1.7	0.8	931.80	522.30	-1.1578
13-1	1/7/1998	12:25	1.7	0.8	1066.35	603.90	-1.1372
13-1	1/7/1998	12:25	1.7	0.8	1090.20	620.70	-1.1265
13-2	1/7/1998	12:10	1.7	0.8	952.80	477.30	-1.3825
13-2	1/7/1998	12:10	1.7	0.8	972.90	489.90	-1.3722
13-2	1/7/1998	12:10	1.7	0.8	989.55	497.55	-1.3751
13-3	1/7/1998	11:50	3.8	1.0	876.00	402.80	-1.5539
13-3	1/7/1998	11:50	3.8	1.0	931.20	430.80	-1.5417
13-3	1/7/1998	11:50	3.8	1.0	976.80	446.60	-1.5652
13-4	1/7/1998	11:35	1.4	0.7	843.00	393.20	-1.5253
13-4	1/7/1998	11:35	1.4	0.7	861.20	395.60	-1.5558
13-4	1/7/1998	11:35	1.4	0.7	864.40	393.60	-1.5734
13-5	1/7/1998	11:20	3.0	1.0	920.50	382.00	-1.7590
13-5	1/7/1998	11:20	3.0	1.0	924.50	384.10	-1.7567
13-5	1/7/1998	11:20	3.0	1.0	948.00	394.70	-1.7525
14-1	1/7/1998	11:05	3.5	1.0	895.50	356.20	-1.8438
14-1	1/7/1998	11:05	3.5	1.0	887.00	351.35	-1.8521
14-1	1/7/1998	11:05	3.5	1.0	843.50	334.90	-1.8475
14-2	1/7/1998	10:50	1.9	0.9	678.80	260.80	-1.9131
14-2	1/7/1998	10:50	1.9	0.9	688.20	264.40	-1.9132
14-2	1/7/1998	10:50	1.9	0.9	660.20	252.80	-1.9199
14-3	1/7/1998	10:35	1.4	0.7	731.00	230.25	-2.3105
14-3	1/7/1998	10:35	1.4	0.7	722.00	227.60	-2.3089
14-3	1/7/1998	10:35	1.4	0.7	728.00	228.00	-2.3219
14-4	1/7/1998	10:20	1.9	0.9	614.00	224.90	-2.0087
14-4	1/7/1998	10:20	1.9	0.9	581.50	208.25	-2.0537
14-4	1/7/1998	10:20	1.9	0.9	572.50	203.70	-2.0667
14-5	1/7/1998	10:00	2.7	1.0	657.50	291.95	-1.6237
14-5	1/7/1998	10:00	2.7	1.0	712.50	315.50	-1.6292
14-5	1/7/1998	10:00	2.7	1.0	726.00	322.80	-1.6210

Table 3. Light Readings and Light Extinction Coefficients for the January 1998 Monitoring Event.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
14-5 Rep	1/7/1998	10:10	2.7	1.0	619.50	265.30	-1.6961
14-5 Rep	1/7/1998	10:10	2.7	1.0	627.50	276.65	-1.6380
14-5 Rep	1/7/1998	10:10	2.7	1.0	612.00	269.10	-1.6433
16-1	1/12/1998	12:20	2.8	1.0	687.80	323.80	-1.5067
16-1	1/12/1998	12:20	2.8	1.0	746.60	351.20	-1.5083
16-1	1/12/1998	12:20	2.8	1.0	748.20	352.80	-1.5035
16-2	1/12/1998	12:30	2.9	1.0	558.60	222.90	-1.8374
16-2	1/12/1998	12:30	2.9	1.0	560.70	223.70	-1.8378
16-2	1/12/1998	12:30	2.9	1.0	563.90	225.40	-1.8340
16-3	1/12/1998	12:40	1.8	0.9	707.50	413.40	-1.0746
16-3	1/12/1998	12:40	1.8	0.9	684.80	405.90	-1.0460
16-3	1/12/1998	12:40	1.8	0.9	676.40	404.20	-1.0297
16-4	1/12/1998	12:55	2.4	1.0	780.80	463.80	-1.0417
16-4	1/12/1998	12:55	2.4	1.0	793.40	474.30	-1.0290
16-4	1/12/1998	12:55	2.4	1.0	777.60	461.00	-1.0456
16-5	1/12/1998	12:05	2.0	1.0	922.80	634.70	-0.7485
16-5	1/12/1998	12:05	2.0	1.0	908.70	627.40	-0.7409
16-5	1/12/1998	12:05	2.0	1.0	879.60	609.00	-0.7353
LB-1	1/12/1998	11:05	2.0	1.0	420.70	197.60	-1.5114
LB-1	1/12/1998	11:05	2.0	1.0	1291.50	604.50	-1.5183
LB-1	1/12/1998	11:05	2.0	1.0	419.20	196.20	-1.5184
LB-2	1/12/1998	10:50	2.6	1.0	1016.70	488.40	-1.4664
LB-2	1/12/1998	10:50	2.6	1.0	997.20	478.50	-1.4686
LB-2	1/12/1998	10:50	2.6	1.0	968.40	468.00	-1.4544
LB-3	1/12/1998	10:35	1.0	0.5	683.55	351.45	-1.3305
LB-3	1/12/1998	10:35	1.0	0.5	748.35	383.25	-1.3384
LB-3	1/12/1998	10:35	1.0	0.5	717.90	363.90	-1.3589
LB-4	1/12/1998	10:20	1.3	0.6	1021.50	556.20	-1.2158
LB-4	1/12/1998	10:20	1.3	0.6	942.30	512.70	-1.2173
LB-4	1/12/1998	10:20	1.3	0.6	1017.30	554.10	-1.2151
LB-5	1/12/1998	10:00	1.8	0.9	973.20	621.00	-0.8985
LB-5	1/12/1998	10:00	1.8	0.9	961.80	617.40	-0.8866
LB-5	1/12/1998	10:00	1.8	0.9	977.10	629.10	-0.8806
LB-5 Rep	1/12/1998	10:10	1.8	0.9	1043.10	670.50	-0.8839
LB-5 Rep	1/12/1998	10:10	1.8	0.9	1077.60	694.20	-0.8795
LB-5 Rep	1/12/1998	10:10	1.8	0.9	1042.50	668.70	-0.8881
ML-1	1/6/1998	11:05	1.5	0.7	255.60	51.05	-3.2216
ML-1	1/6/1998	11:05	1.5	0.7	242.50	48.63	-3.2135
ML-1	1/6/1998	11:05	1.5	0.7	245.75	49.58	-3.2017
ML-2	1/6/1998	10:50	1.8	0.9	128.45	24.75	-3.2934
ML-2	1/6/1998	10:50	1.8	0.9	112.20	22.10	-3.2494
ML-2	1/6/1998	10:50	1.8	0.9	122.15	23.55	-3.2922
ML-3	1/6/1998	10:30	3.2	1.0	303.90	55.25	-3.4097
ML-3	1/6/1998	10:30	3.2	1.0	310.85	56.10	-3.4243
ML-3	1/6/1998	10:30	3.2	1.0	311.80	56.45	-3.4180
ML-4	1/6/1998	10:15	3.4	1.0	96.45	17.04	-3.4675
ML-4	1/6/1998	10:15	3.4	1.0	93.10	16.86	-3.4175
ML-4	1/6/1998	10:15	3.4	1.0	99.45	17.81	-3.4404
ML-5	1/6/1998	9:50	1.6	0.8	146.30	26.10	-3.4474
ML-5	1/6/1998	9:50	1.6	0.8	141.60	25.02	-3.4667
ML-5	1/6/1998	9:50	1.6	0.8	140.75	24.90	-3.4642
ML-5 Rep	1/6/1998	10:00	1.6	0.8	136.70	24.64	-3.4272
ML-5 Rep	1/6/1998	10:00	1.6	0.8	140.30	24.69	-3.4752
ML-5 Rep	1/6/1998	10:00	1.6	0.8	137.75	24.63	-3.4430
MU-1	1/6/1998	13:00	2.3	1.0	274.95	58.17	-3.1064
MU-1	1/6/1998	13:00	2.3	1.0	259.35	53.79	-3.1462
MU-1	1/6/1998	13:00	2.3	1.0	267.90	57.12	-3.0909
MU-2	1/6/1998	12:30	3.0	1.0	158.50	28.92	-3.4024
MU-2	1/6/1998	12:30	3.0	1.0	166.80	30.33	-3.4096
MU-2	1/6/1998	12:30	3.0	1.0	152.60	27.08	-3.4584
MU-3	1/6/1998	12:10	2.5	1.0	260.05	53.65	-3.1568
MU-3	1/6/1998	12:10	2.5	1.0	253.10	52.00	-3.1651
MU-3	1/6/1998	12:10	2.5	1.0	240.90	49.23	-3.1760

Light

Table 3. Light Readings and Light Extinction Coefficients for the January 1998 Monitoring Event.

Station	Date mm/dd/yy	Time 24 hour	Water Depth meters	Sample Depth meters	Light Reading #1 (upper)	Light Reading #2 (lower)	Light Extinction Coefficient
MU-4	1/6/1998	11:50	1.1	0.5	387.90	89.25	-2.9386
MU-4	1/6/1998	11:50	1.1	0.5	410.10	90.96	-3.0120
MU-4	1/6/1998	11:50	1.1	0.5	313.50	70.77	-2.9767
MU-5	1/6/1998	11:25	2.8	1.0	202.95	41.45	-3.1772
MU-5	1/6/1998	11:25	2.8	1.0	206.25	42.39	-3.1644
MU-5	1/6/1998	11:25	2.8	1.0	197.10	40.76	-3.1523

Station = Segment Number + Site Number (1-5)

LB=Lemon Bay, MU=Upper Myakka River, ML=Lower Myakka River.

Extinction Coefficient= $(\ln(\text{light2}) - \ln(\text{light1})) / \text{distance}$.

**Table 4. Results of Continuous In Situ Measurements Performed
During January 1998 at Station 11-2.**

Station Number	Date MMDDYY	Time HHMM	Temp °C	pH pH units	SpCond µmhos/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
11-2	1/7/1998	6:15	19.81	7.96	39,700	25.3	94.1	7.38	13.7
11-2	1/7/1998	6:30	19.72	7.97	39,900	25.5	91.8	7.20	13.7
11-2	1/7/1998	6:45	19.76	7.98	39,900	25.5	91.1	7.14	13.7
11-2	1/7/1998	7:00	19.75	7.98	39,900	25.5	91.4	7.17	13.7
11-2	1/7/1998	7:15	19.74	7.99	39,900	25.5	90.7	7.11	13.7
11-2	1/7/1998	7:30	19.79	7.99	39,700	25.3	91.1	7.15	13.6
11-2	1/7/1998	7:45	19.90	7.99	39,100	24.9	91.5	7.17	13.6
11-2	1/7/1998	8:00	19.87	8.00	39,300	25.1	90.5	7.10	13.6
11-2	1/7/1998	8:15	19.87	8.00	39,400	25.1	90.3	7.08	13.6
11-2	1/7/1998	8:30	19.87	8.00	39,400	25.1	90.9	7.13	13.6
11-2	1/7/1998	8:45	19.89	8.01	39,300	25.0	92.1	7.22	13.5
11-2	1/7/1998	9:00	19.92	8.01	39,200	25.0	92.9	7.28	13.6
11-2	1/7/1998	9:15	19.99	8.02	39,100	24.9	93.6	7.33	13.5
11-2	1/7/1998	9:30	20.00	8.01	39,100	24.9	94.2	7.37	13.5
11-2	1/7/1998	9:45	20.00	8.03	39,200	25.0	93.7	7.33	13.5
11-2	1/7/1998	10:00	19.99	8.02	39,300	25.0	93.7	7.33	13.4
11-2	1/7/1998	10:15	20.00	8.02	39,300	25.1	94.1	7.36	13.5
11-2	1/7/1998	10:30	20.04	8.03	39,300	25.1	95.1	7.43	13.4
11-2	1/7/1998	10:45	20.08	8.04	39,400	25.1	93.3	7.29	13.4
11-2	1/7/1998	11:00	20.11	8.05	39,400	25.1	96.9	7.56	13.4
11-2	1/7/1998	11:15	20.14	8.04	39,500	25.2	96.1	7.49	13.4
11-2	1/7/1998	11:30	20.14	8.05	39,500	25.2	96.2	7.50	13.4
11-2	1/7/1998	11:45	20.18	8.04	39,600	25.3	96.4	7.50	13.4
11-2	1/7/1998	12:00	20.22	8.06	39,600	25.3	96.8	7.53	13.4
11-2	1/7/1998	12:15	20.23	8.05	39,600	25.3	97.8	7.60	13.3
11-2	1/7/1998	12:30	20.24	8.05	39,600	25.3	98.0	7.62	13.4
11-2	1/7/1998	12:45	20.24	8.07	39,700	25.3	97.0	7.54	13.3
11-2	1/7/1998	13:00	20.31	8.07	39,700	25.3	98.7	7.66	13.3
11-2	1/7/1998	13:15	20.34	8.06	39,700	25.3	98.4	7.64	13.3
11-2	1/7/1998	13:30	20.38	8.07	39,700	25.3	100.5	7.79	13.3
11-2	1/7/1998	13:45	20.40	8.08	39,700	25.3	99.5	7.71	13.3
11-2	1/7/1998	14:00	20.45	8.08	39,700	25.4	100.0	7.74	13.3
11-2	1/7/1998	14:15	20.49	8.09	39,700	25.4	99.8	7.72	13.3
11-2	1/7/1998	14:30	20.52	8.09	39,700	25.4	100.0	7.73	13.3
11-2	1/7/1998	14:45	20.56	8.09	39,700	25.4	101.1	7.81	13.3
11-2	1/7/1998	15:00	20.55	8.09	39,800	25.4	99.4	7.68	13.3
11-2	1/7/1998	15:15	20.60	8.10	39,800	25.4	100.9	7.78	13.2
11-2	1/7/1998	15:30	20.63	8.11	39,800	25.5	102.0	7.86	13.2
11-2	1/7/1998	15:45	20.63	8.11	39,800	25.5	101.5	7.82	13.3
11-2	1/7/1998	16:00	20.65	8.12	39,800	25.5	101.7	7.84	13.2
11-2	1/7/1998	16:15	20.66	8.12	39,800	25.4	102.6	7.90	13.3
11-2	1/7/1998	16:30	20.73	8.12	39,800	25.4	102.4	7.88	13.2
11-2	1/7/1998	16:45	20.78	8.13	39,700	25.4	101.2	7.79	13.3
11-2	1/7/1998	17:00	20.81	8.13	39,700	25.4	101.7	7.82	13.2
11-2	1/7/1998	17:15	20.81	8.12	39,700	25.4	101.0	7.76	13.2
11-2	1/7/1998	17:30	20.81	8.13	39,700	25.4	101.7	7.82	13.2
11-2	1/7/1998	17:45	20.78	8.12	39,800	25.4	101.3	7.79	13.2
11-2	1/7/1998	18:00	20.78	8.13	39,800	25.4	100.1	7.70	13.2
11-2	1/7/1998	18:15	20.75	8.12	39,900	25.5	100.4	7.72	13.2
11-2	1/7/1998	18:30	20.74	8.13	39,900	25.5	99.8	7.68	13.2
11-2	1/7/1998	18:45	20.72	8.13	40,000	25.5	99.0	7.61	13.2
11-2	1/7/1998	19:00	20.73	8.12	39,900	25.5	100.4	7.72	13.2
11-2	1/7/1998	19:15	20.70	8.13	40,000	25.6	100.5	7.73	13.2
11-2	1/7/1998	19:30	20.69	8.12	40,000	25.6	97.8	7.52	13.1
11-2	1/7/1998	19:45	20.68	8.12	40,100	25.6	99.1	7.62	13.1
11-2	1/7/1998	20:00	20.68	8.12	40,100	25.7	99.4	7.65	13.1
11-2	1/7/1998	20:15	20.69	8.12	40,100	25.7	99.0	7.61	13.1

**Table 4. Results of Continuous In Situ Measurements Performed
During January 1998 at Station 11-2.**

Station Number	Date MMDDYY	Time HHMM	Temp °C	pH pH units	SpCond µmhos/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
11-2	1/7/1998	20:30	20.68	8.12	40,200	25.7	97.3	7.49	13.1
11-2	1/7/1998	20:45	20.67	8.12	40,200	25.7	98.3	7.56	13.1
11-2	1/7/1998	21:00	20.69	8.11	40,200	25.7	97.6	7.50	13.1
11-2	1/7/1998	21:15	20.67	8.12	40,300	25.8	98.5	7.57	13.1
11-2	1/7/1998	21:30	20.70	8.12	40,300	25.8	97.2	7.47	13.1
11-2	1/7/1998	21:45	20.68	8.12	40,300	25.8	97.8	7.52	13.1
11-2	1/7/1998	22:00	20.65	8.11	40,400	25.8	97.9	7.53	13.1
11-2	1/7/1998	22:15	20.63	8.11	40,500	25.9	97.0	7.46	13.1
11-2	1/7/1998	22:30	20.66	8.12	40,300	25.8	97.0	7.46	13.1
11-2	1/7/1998	22:45	20.53	8.11	40,500	26.0	96.0	7.39	13.1
11-2	1/7/1998	23:00	20.45	8.10	40,700	26.1	94.9	7.31	13.1
11-2	1/7/1998	23:15	20.46	8.11	40,700	26.1	95.2	7.33	13.1
11-2	1/7/1998	23:30	20.54	8.11	40,400	25.9	95.2	7.34	13.1
11-2	1/7/1998	23:45	20.52	8.10	40,500	25.9	94.9	7.31	13.1
11-2	1/8/1998	0:00	20.47	8.10	40,600	26.0	94.6	7.30	13.0
11-2	1/8/1998	0:15	20.46	8.09	40,600	26.0	94.4	7.28	13.0
11-2	1/8/1998	0:30	20.53	8.09	40,400	25.8	93.6	7.21	13.1
11-2	1/8/1998	0:45	20.56	8.10	40,200	25.7	94.4	7.28	13.0
11-2	1/8/1998	1:00	20.60	8.09	40,100	25.7	93.1	7.17	13.0
11-2	1/8/1998	1:15	20.58	8.09	40,300	25.8	92.9	7.15	13.0
11-2	1/8/1998	1:30	20.55	8.09	40,300	25.8	92.5	7.13	13.0
11-2	1/8/1998	1:45	20.58	8.08	40,400	25.8	92.2	7.10	13.0
11-2	1/8/1998	2:00	20.60	8.10	40,400	25.9	92.2	7.09	13.0
11-2	1/8/1998	2:15	20.61	8.10	40,400	25.9	91.5	7.04	13.0
11-2	1/8/1998	2:30	20.63	8.10	40,400	25.8	90.6	6.97	13.0
11-2	1/8/1998	2:45	20.65	8.09	40,400	25.8	90.6	6.97	13.0
11-2	1/8/1998	3:00	20.66	8.09	40,400	25.8	89.8	6.91	13.0
11-2	1/8/1998	3:15	20.67	8.09	40,400	25.9	89.6	6.88	13.0
11-2	1/8/1998	3:30	20.68	8.09	40,500	25.9	89.7	6.89	13.0
11-2	1/8/1998	3:45	20.67	8.09	40,500	26.0	90.2	6.93	12.9
11-2	1/8/1998	4:00	20.68	8.09	40,600	26.0	88.7	6.81	13.1
11-2	1/8/1998	4:15	20.69	8.09	40,600	26.0	89.8	6.89	13.0
11-2	1/8/1998	4:30	20.69	8.09	40,600	26.0	88.4	6.78	13.0
11-2	1/8/1998	4:45	20.69	8.10	40,600	26.0	87.8	6.74	13.0
11-2	1/8/1998	5:00	20.66	8.10	40,700	26.1	88.5	6.79	13.0
11-2	1/8/1998	5:15	20.66	8.10	40,700	26.1	89.2	6.85	12.9
11-2	1/8/1998	5:30	20.64	8.09	40,700	26.1	89.0	6.84	12.9
11-2	1/8/1998	5:45	20.60	8.10	40,700	26.0	88.9	6.84	13.0
11-2	1/8/1998	6:00	20.57	8.09	40,600	26.0	88.9	6.84	13.0
11-2	1/8/1998	6:15	20.55	8.09	40,600	26.0	89.3	6.87	12.9
11-2	1/8/1998	6:30	20.52	8.09	40,600	26.0	89.4	6.88	12.9
11-2	1/8/1998	6:45	20.55	8.09	40,300	25.8	89.7	6.91	12.9
11-2	1/8/1998	7:00	20.56	8.08	40,100	25.7	89.5	6.90	12.9
11-2	1/8/1998	7:15	20.56	8.09	40,100	25.6	88.7	6.84	12.9
11-2	1/8/1998	7:30	20.56	8.09	40,100	25.6	87.4	6.74	12.9
11-2	1/8/1998	7:45	20.60	8.08	40,100	25.6	87.4	6.74	12.9
11-2	1/8/1998	8:00	20.61	8.08	40,000	25.6	85.0	6.55	12.9
11-2	1/8/1998	8:15	20.61	8.08	40,100	25.6	85.4	6.58	12.9
11-2	1/8/1998	8:30	20.64	8.08	39,400	25.1	86.2	6.66	12.9
11-2	1/8/1998	8:45	20.67	8.08	39,000	24.9	86.8	6.71	12.9
11-2	1/8/1998	9:00	20.69	8.07	39,200	25.0	86.2	6.65	12.9
11-2	1/8/1998	9:15	20.71	8.07	39,100	24.9	86.1	6.65	12.9
11-2	1/8/1998	9:30	20.69	8.07	39,200	25.0	86.2	6.66	12.9
11-2	1/8/1998	9:45	20.68	8.07	39,200	25.0	85.9	6.64	12.9
11-2	1/8/1998	10:00	20.69	8.07	39,100	24.9	87.1	6.73	12.9
11-2	1/8/1998	10:15	20.70	8.06	39,200	25.0	86.1	6.65	12.9
11-2	1/8/1998	10:30	20.72	8.07	39,200	25.0	87.1	6.72	12.9

**Table 4. Results of Continuous In Situ Measurements Performed
During January 1998 at Station 11-2.**

Station Number	Date MMDDYY	Time HHMM	Temp °C	pH pH units	SpCond µmhos/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
11-2	1/8/1998	10:45	20.76	8.07	39,200	25.0	87.2	6.73	12.9
11-2	1/8/1998	11:00	20.78	8.07	39,200	25.0	87.2	6.72	12.9
11-2	1/8/1998	11:15	20.85	8.08	39,100	24.9	88.7	6.83	12.8

**Table 5. Results of Continuous In Situ Measurements Performed
During January 1998 at Station 10-4.**

Station Number	Date MMDDYY	Time HHMM	Temp °C	pH pH units	SpCond µmhos/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
10-4	1/7/1998	6:30	19.97	8.26	39,595	25.3	157.3	12.25	12.9
10-4	1/7/1998	6:45	19.96	8.29	39,380	25.1	158.0	12.32	12.9
10-4	1/7/1998	7:00	19.98	8.30	39,227	25.0	156.9	12.23	12.8
10-4	1/7/1998	7:15	19.98	8.31	39,278	25.1	156.3	12.18	12.8
10-4	1/7/1998	7:30	19.96	8.31	39,278	25.1	155.2	12.10	12.7
10-4	1/7/1998	7:45	19.94	8.31	39,277	25.1	154.4	12.04	12.7
10-4	1/7/1998	8:00	19.92	8.30	39,277	25.1	153.7	12.00	12.7
10-4	1/7/1998	8:15	19.92	8.29	39,277	25.1	152.5	11.90	12.7
10-4	1/7/1998	8:30	19.92	8.29	39,328	25.1	152.1	11.87	12.6
10-4	1/7/1998	8:45	19.92	8.28	39,328	25.1	151.5	11.82	12.6
10-4	1/7/1998	9:00	19.91	8.28	39,429	25.2	151.4	11.81	12.6
10-4	1/7/1998	9:15	19.87	8.29	39,479	25.2	151.8	11.84	12.4
10-4	1/7/1998	9:30	19.92	8.28	39,430	25.2	151.3	11.80	12.5
10-4	1/7/1998	9:45	19.96	8.27	39,431	25.2	151.2	11.78	12.5
10-4	1/7/1998	10:00	20.03	8.26	39,383	25.1	151.1	11.76	12.5
10-4	1/7/1998	10:15	20.09	8.26	39,344	25.1	151.3	11.77	12.5
10-4	1/7/1998	10:30	20.13	8.27	39,335	25.1	151.9	11.80	12.5
10-4	1/7/1998	10:45	20.12	8.27	39,334	25.1	153.3	11.92	12.5
10-4	1/7/1998	11:00	20.07	8.27	39,548	25.2	155.2	12.07	12.5
10-4	1/7/1998	11:15	20.18	8.27	39,440	25.2	154.4	11.98	12.4
10-4	1/7/1998	11:30	20.28	8.28	39,403	25.1	153.0	11.85	12.4
10-4	1/7/1998	11:45	20.34	8.28	39,395	25.1	152.3	11.79	12.4
10-4	1/7/1998	12:00	20.36	8.28	39,447	25.2	153.1	11.84	12.4
10-4	1/7/1998	12:15	20.41	8.29	39,399	25.1	153.7	11.88	12.3
10-4	1/7/1998	12:30	20.50	8.30	39,403	25.1	153.7	11.86	12.4
10-4	1/7/1998	12:45	20.53	8.30	39,404	25.1	153.7	11.85	12.4
10-4	1/7/1998	13:00	20.53	8.30	39,404	25.1	153.7	11.85	12.4
10-4	1/7/1998	13:15	20.59	8.30	39,417	25.2	154.9	11.92	12.3
10-4	1/7/1998	13:30	20.66	8.29	39,421	25.2	155.0	11.91	12.3
10-4	1/7/1998	13:45	20.63	8.29	39,522	25.2	155.9	11.99	12.3
10-4	1/7/1998	14:00	20.58	8.30	39,612	25.3	157.5	12.12	12.3
10-4	1/7/1998	14:15	20.58	8.30	39,714	25.4	157.9	12.14	12.3
10-4	1/7/1998	14:30	20.60	8.31	39,663	25.3	158.7	12.20	12.3
10-4	1/7/1998	14:45	20.82	8.31	39,481	25.2	158.5	12.14	12.3
10-4	1/7/1998	15:00	20.72	8.32	39,619	25.3	159.8	12.26	12.3
10-4	1/7/1998	15:15	20.64	8.32	39,768	25.4	161.7	12.42	12.3
10-4	1/7/1998	15:30	20.52	8.32	40,029	25.6	164.6	12.65	12.3
10-4	1/7/1998	15:45	20.43	8.32	40,269	25.8	165.3	12.72	12.2
10-4	1/7/1998	16:00	20.41	8.32	40,320	25.8	165.3	12.72	12.2
10-4	1/7/1998	16:15	20.24	8.32	40,465	25.9	166.5	12.85	12.2
10-4	1/7/1998	16:30	20.13	8.32	40,563	26.0	167.0	12.91	12.2
10-4	1/7/1998	16:45	20.13	8.32	40,563	26.0	167.0	12.91	12.2
10-4	1/7/1998	17:00	20.12	8.33	40,664	26.0	167.5	12.95	12.2
10-4	1/7/1998	17:15	20.01	8.33	40,609	26.0	168.7	13.07	12.2
10-4	1/7/1998	17:30	19.97	8.32	40,618	26.0	168.8	13.09	12.2
10-4	1/7/1998	17:45	20.03	8.33	40,712	26.1	168.7	13.06	12.2
10-4	1/7/1998	18:00	20.12	8.33	40,727	26.1	168.1	12.99	12.1
10-4	1/7/1998	18:15	20.17	8.34	40,729	26.1	168.0	12.96	12.1
10-4	1/7/1998	18:30	20.24	8.34	40,772	26.1	166.7	12.85	12.1
10-4	1/7/1998	18:45	20.26	8.34	40,784	26.1	167.0	12.87	12.1
10-4	1/7/1998	19:00	20.30	8.34	40,785	26.1	166.8	12.84	12.1
10-4	1/7/1998	19:15	20.31	8.34	40,775	26.1	166.3	12.80	12.1
10-4	1/7/1998	19:30	20.31	8.34	40,775	26.1	165.4	12.73	12.1
10-4	1/7/1998	19:45	20.32	8.34	40,674	26.0	163.4	12.58	12.1
10-4	1/7/1998	20:00	20.36	8.34	40,686	26.1	163.7	12.59	12.1
10-4	1/7/1998	20:15	20.41	8.34	40,729	26.1	163.4	12.55	12.1
10-4	1/7/1998	20:30	20.45	8.33	40,792	26.1	161.6	12.40	12.0

**Table 5. Results of Continuous In Situ Measurements Performed
During January 1998 at Station 10-4.**

Station Number	Date MMDDYY	Time HHMM	Temp °C	pH pH units	SpCond µmhos/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
10-4	1/7/1998	20:45	20.46	8.33	40,782	26.1	162.2	12.45	12.1
10-4	1/7/1998	21:00	20.45	8.33	40,782	26.1	162.0	12.44	12.0
10-4	1/7/1998	21:15	20.36	8.33	40,675	26.0	162.3	12.49	12.0
10-4	1/7/1998	21:30	20.27	8.34	40,671	26.0	163.3	12.58	12.0
10-4	1/7/1998	21:45	20.20	8.34	40,617	26.0	163.2	12.59	12.0
10-4	1/7/1998	22:00	20.20	8.34	40,566	26.0	161.1	12.44	12.0
10-4	1/7/1998	22:15	20.14	8.33	40,625	26.0	161.2	12.46	11.9
10-4	1/7/1998	22:30	20.12	8.34	40,573	26.0	160.1	12.38	12.0
10-4	1/7/1998	22:45	20.12	8.34	40,511	25.9	160.6	12.42	12.0
10-4	1/7/1998	23:00	20.35	8.34	40,276	25.8	159.9	12.33	12.0
10-4	1/7/1998	23:15	20.56	8.35	39,928	25.5	160.4	12.33	11.9
10-4	1/7/1998	23:30	20.57	8.34	39,867	25.5	159.0	12.23	12.0
10-4	1/7/1998	23:45	20.62	8.34	39,818	25.4	154.6	11.87	11.9
10-4	1/8/1998	0:00	20.60	8.35	39,869	25.5	153.2	11.77	11.9
10-4	1/8/1998	0:15	20.58	8.35	39,816	25.4	153.9	11.83	11.9
10-4	1/8/1998	0:30	20.60	8.35	39,869	25.5	154.3	11.86	11.9
10-4	1/8/1998	0:45	20.62	8.35	39,818	25.4	154.7	11.88	11.9
10-4	1/8/1998	1:00	20.62	8.34	39,818	25.4	154.8	11.89	11.9
10-4	1/8/1998	1:15	20.58	8.34	39,816	25.4	154.6	11.88	11.9
10-4	1/8/1998	1:30	20.60	8.35	39,766	25.4	155.1	11.92	11.9
10-4	1/8/1998	1:45	20.57	8.35	39,775	25.4	155.6	11.96	11.9
10-4	1/8/1998	2:00	20.56	8.35	39,825	25.4	155.6	11.97	11.9
10-4	1/8/1998	2:15	20.58	8.35	39,816	25.4	155.5	11.95	11.8
10-4	1/8/1998	2:30	20.56	8.35	39,876	25.5	155.8	11.98	11.8
10-4	1/8/1998	2:45	20.55	8.35	39,917	25.5	155.6	11.97	11.8
10-4	1/8/1998	3:00	20.54	8.34	39,978	25.6	155.4	11.95	11.9
10-4	1/8/1998	3:15	20.55	8.35	39,968	25.5	154.9	11.91	11.8
10-4	1/8/1998	3:30	20.58	8.35	39,970	25.5	154.6	11.87	11.8
10-4	1/8/1998	3:45	20.62	8.35	39,870	25.5	154.0	11.82	11.8
10-4	1/8/1998	4:00	20.63	8.34	39,880	25.5	153.4	11.78	11.8
10-4	1/8/1998	4:15	20.64	8.34	39,870	25.5	153.2	11.76	11.8
10-4	1/8/1998	4:30	20.64	8.34	39,870	25.5	153.2	11.76	11.8
10-4	1/8/1998	4:45	20.65	8.33	39,871	25.5	152.6	11.71	11.8
10-4	1/8/1998	5:00	20.66	8.33	39,831	25.4	152.2	11.68	11.8
10-4	1/8/1998	5:15	20.65	8.33	39,820	25.4	151.8	11.65	11.8
10-4	1/8/1998	5:30	20.67	8.32	39,770	25.4	151.5	11.63	11.8
10-4	1/8/1998	5:45	20.65	8.32	39,513	25.2	152.1	11.69	11.7
10-4	1/8/1998	6:00	20.62	8.32	39,409	25.1	153.0	11.77	11.7
10-4	1/8/1998	6:15	20.60	8.31	39,612	25.3	152.3	11.71	11.7
10-4	1/8/1998	6:30	20.53	8.32	39,609	25.3	153.0	11.78	11.7
10-4	1/8/1998	6:45	20.50	8.32	39,454	25.2	154.0	11.88	11.7
10-4	1/8/1998	7:00	20.43	8.32	39,399	25.1	154.8	11.96	11.7
10-4	1/8/1998	7:15	20.39	8.31	39,500	25.2	155.0	11.97	11.6
10-4	1/8/1998	7:30	20.41	8.32	39,501	25.2	154.9	11.96	11.7
10-4	1/8/1998	7:45	20.43	8.32	39,399	25.1	154.4	11.92	11.7
10-4	1/8/1998	8:00	20.43	8.32	39,450	25.2	153.9	11.89	11.7
10-4	1/8/1998	8:15	20.41	8.31	39,501	25.2	154.0	11.90	11.7
10-4	1/8/1998	8:30	20.39	8.31	39,551	25.2	154.3	11.91	11.6
10-4	1/8/1998	8:45	20.40	8.31	39,511	25.2	154.6	11.94	11.7
10-4	1/8/1998	9:00	20.40	8.30	39,562	25.3	154.7	11.95	11.7
10-4	1/8/1998	9:15	20.41	8.31	39,552	25.2	155.3	11.99	11.7
10-4	1/8/1998	9:30	20.43	8.30	39,553	25.2	155.1	11.97	11.7
10-4	1/8/1998	9:45	20.41	8.30	39,501	25.2	155.8	12.03	11.7
10-4	1/8/1998	10:00	20.46	8.30	39,503	25.2	156.7	12.09	11.7
10-4	1/8/1998	10:15	20.48	8.30	39,504	25.2	156.4	12.07	11.7
10-4	1/8/1998	10:30	20.45	8.29	39,359	25.1	157.8	12.18	11.7
10-4	1/8/1998	10:45	20.46	8.28	39,401	25.1	159.6	12.32	11.6

**Table 5. Results of Continuous In Situ Measurements Performed
During January 1998 at Station 10-4.**

Station Number	Date MMDDYY	Time HHMM	Temp °C	pH pH units	SpCond µmhos/cm	Salin ppt	DO % Sat	DO mg/L	Batt volts
10-4	1/8/1998	11:00	20.53	8.27	39,404	25.1	161.5	12.45	11.6
10-4	1/8/1998	11:15	20.54	8.27	39,364	25.1	163.6	12.61	11.6

Table 6. UTM Coordinates for Monitoring Stations Sampled During the January 1998 Monitoring Event.

Station Number	Date mm/dd/yy	UTM Coordinates		Lat/Lon Coordinates	
		East	North	North	West
10-1	1/9/1998	17 - 343335.4	3025832.9	27° 20' 48"	082° 35' 02"
10-2	1/9/1998	17 - 344743.1	3025768.5	27° 20' 47"	082° 34' 10"
10-3	1/9/1998	17 - 343182.4	3024066.3	27° 19' 51"	082° 35' 06"
10-4	1/9/1998	17 - 345094.6	3022580.2	27° 19' 03"	082° 33' 56"
10-5	1/9/1998	17 - 346324.7	3022137.3	27° 18' 49"	082° 33' 11"
11-1	1/9/1998	17 - 345010.8	3027111.3	27° 21' 30"	082° 34' 01"
11-2	1/9/1998	17 - 345878.2	3026566.2	27° 21' 13"	082° 33' 30"
11-3	1/9/1998	17 - 346383.8	3025094.6	27° 20' 25"	082° 33' 10"
11-4	1/9/1998	17 - 346610.3	3023570.9	27° 19' 36"	082° 33' 02"
11-5	1/9/1998	17 - 347420.7	3021216.5	27° 18' 20"	082° 32' 31"
13-1	1/7/1998	17 - 346550.4	3019368.5	27° 17' 19"	082° 33' 02"
13-2	1/7/1998	17 - 347318.0	3018595.6	27° 16' 55"	082° 32' 34"
13-3	1/7/1998	17 - 347093.9	3017301.9	27° 16' 13"	082° 32' 41"
13-4	1/7/1998	17 - 347833.5	3016069.7	27° 15' 33"	082° 32' 14"
13-5	1/7/1998	17 - 348995.4	3014435.4	27° 14' 40"	082° 31' 31"
14-1	1/7/1998	17 - 349865.9	3013861.7	27° 14' 22"	082° 30' 59"
14-2	1/7/1998	17 - 350194.6	3012975.3	27° 13' 53"	082° 30' 46"
14-3	1/7/1998	17 - 350330.2	3011261.2	27° 12' 58"	082° 30' 41"
14-4	1/7/1998	17 - 351141.1	3009256.3	27° 11' 53"	082° 30' 10"
14-5	1/7/1998	17 - 352064.0	3007654.5	27° 11' 01"	082° 29' 36"
16-1	1/12/1998	17 - 351902.8	3006868.1	27° 10' 35"	082° 29' 42"
16-2	1/12/1998	17 - 352919.0	3004984.8	27° 09' 35"	082° 29' 04"
16-3	1/12/1998	17 - 353646.0	3004094.0	27° 09' 06"	082° 28' 37"
16-4	1/12/1998	17 - 354068.2	3002749.9	27° 08' 22"	082° 28' 21"
16-5	1/12/1998	17 - 354255.8	3001835.6	27° 07' 53"	082° 28' 14"
LB-1	1/12/1998	17 - 358364.6	2991119.2	27° 02' 06"	082° 25' 40"
LB-2	1/12/1998	17 - 359604.1	2989118.4	27° 01' 02"	082° 24' 55"
LB-3	1/12/1998	17 - 360516.9	2987276.7	27° 00' 02"	082° 24' 21"
LB-4	1/12/1998	17 - 362058.1	2985193.5	26° 58' 55"	082° 23' 24"
LB-5	1/12/1998	17 - 364294.1	2982309.6	26° 57' 22"	082° 22' 02"
ML-1	1/6/1998	17 - 372696.9	2991328.2	27° 02' 18"	082° 17' 00"
ML-2	1/6/1998	17 - 373130.8	2990610.6	27° 01' 55"	082° 16' 44"
ML-3	1/6/1998	17 - 373793.5	2990381.9	27° 01' 48"	082° 16' 20"
ML-4	1/6/1998	17 - 373564.7	2989522.3	27° 01' 20"	082° 16' 28"
ML-5	1/6/1998	17 - 374180.1	2988063.3	27° 00' 32"	082° 16' 05"
MU-1	1/6/1998	17 - 368180.0	2997551.0	27° 05' 39"	082° 19' 47"
MU-2	1/6/1998	17 - 368725.6	2996624.7	27° 05' 09"	082° 19' 27"
MU-3	1/6/1998	17 - 369405.6	2995235.3	27° 04' 24"	082° 19' 01"
MU-4	1/6/1998	17 - 370511.6	2993494.8	27° 03' 28"	082° 18' 21"
MU-5	1/6/1998	17 - 371087.0	2992912.1	27° 03' 09"	082° 18' 00"

Station = Segment Number + Site Number (1-5)

LB=Lemon Bay, MU=Upper Myakka River, ML=Lower Myakka River.

Light January 1998

Date	Time	Reading 1	Reading 2	COEF	
1/6/1998	9:53	146.30	26.10	-3.4474	1
1/6/1998	9:53	140.75	24.90	-3.4642	2
1/6/1998	9:53	141.60	25.02	-3.4667	3
1/6/1998	9:53	137.75	24.63	-3.4430	1
1/6/1998	9:53	140.30	24.69	-3.4752	2
1/6/1998	9:53	136.70	24.64	-3.4272	3
1/6/1998	10:25	99.45	17.81	-3.4404	1
1/6/1998	10:25	96.45	17.04	-3.4675	2
1/6/1998	10:25	93.10	16.86	-3.4175	3
1/6/1998	10:38	311.80	56.45	-3.4180	1
1/6/1998	10:38	310.85	56.10	-3.4243	2
1/6/1998	10:38	303.90	55.25	-3.4097	3
1/6/1998	10:58	128.45	24.75	-3.2934	1
1/6/1998	10:58	122.15	23.55	-3.2922	2
1/6/1998	10:58	112.20	22.10	-3.2494	3
1/6/1998	11:14	255.60	51.05	-3.2216	1
1/6/1998	11:14	245.75	49.58	-3.2017	2
1/6/1998	11:14	242.50	48.63	-3.2135	3
1/6/1998	11:34	197.10	40.76	-3.1523	1
1/6/1998	11:34	206.25	42.39	-3.1644	2
1/6/1998	11:34	202.95	41.45	-3.1772	3
1/6/1998	11:54	410.10	90.96	-3.0120	1
1/6/1998	11:54	387.90	89.25	-2.9386	2
1/6/1998	11:54	313.50	70.77	-2.9767	3
1/6/1998	12:17	260.05	53.65	-3.1568	1
1/6/1998	12:17	253.10	52.00	-3.1651	2
1/6/1998	12:17	240.90	49.23	-3.1760	3
1/6/1998	12:35	166.80	30.33	-3.4096	1
1/6/1998	12:35	158.50	28.92	-3.4024	2
1/6/1998	12:35	152.60	27.08	-3.4584	3
1/6/1998	13:07	267.90	57.12	-3.0909	1
1/6/1998	13:07	259.35	53.79	-3.1462	2
1/6/1998	13:07	274.95	58.17	-3.1064	3
1/7/1998	10:16	726.00	322.80	-1.6210	1
1/7/1998	10:16	712.50	315.50	-1.6292	2
1/7/1998	10:16	657.50	291.95	-1.6237	3
1/7/1998	10:16	627.50	276.65	-1.6380	1
1/7/1998	10:16	619.50	265.30	-1.6961	2
1/7/1998	10:16	612.00	269.10	-1.6433	3
1/7/1998	10:32	572.50	203.70	-2.0667	1
1/7/1998	10:32	581.50	208.25	-2.0537	2
1/7/1998	10:32	614.00	224.90	-2.0087	3
1/7/1998	10:49	722.00	227.60	-2.3089	1
1/7/1998	10:49	728.00	228.00	-2.3219	2
1/7/1998	10:49	731.00	230.25	-2.3105	3
1/7/1998	11:01	660.20	252.80	-1.9199	1
1/7/1998	11:01	688.20	264.40	-1.9132	2
1/7/1998	11:01	678.80	260.80	-1.9131	3
1/7/1998	11:14	895.50	356.20	-1.8438	1
1/7/1998	11:14	887.00	351.35	-1.8521	2

LightWork

Light January 1998

Date	Time	Reading 1	Reading 2	COEF	
1/7/1998	11:14	843.50	334.90	-1.8475	3
1/7/1998	11:24	948.00	394.70	-1.7525	1
1/7/1998	11:24	924.50	384.10	-1.7567	2
1/7/1998	11:24	920.50	382.00	-1.7590	3
1/7/1998	11:38	864.40	393.60	-1.5734	1
1/7/1998	11:38	843.00	393.20	-1.5253	2
1/7/1998	11:38	861.20	395.60	-1.5558	3
1/7/1998	12:03	976.80	446.60	-1.5652	1
1/7/1998	12:03	931.20	430.80	-1.5417	2
1/7/1998	12:03	876.00	402.80	-1.5539	3
1/7/1998	12:17	989.55	497.55	-1.3751	1
1/7/1998	12:17	972.90	489.90	-1.3722	2
1/7/1998	12:17	952.80	477.30	-1.3825	3
1/7/1998	12:29	1090.20	620.70	-1.1265	1
1/7/1998	12:29	1066.35	603.90	-1.1372	2
1/7/1998	12:29	931.80	522.30	-1.1578	3
1/9/1998	10:08	696.60	471.90	-0.7789	1
1/9/1998	10:08	685.80	466.50	-0.7707	2
1/9/1998	10:08	672.00	456.00	-0.7755	3
1/9/1998	10:08	674.40	457.20	-0.7774	1
1/9/1998	10:08	695.40	471.60	-0.7767	2
1/9/1998	10:08	717.00	487.80	-0.7703	3
1/9/1998	10:26	643.50	310.50	-1.4575	1
1/9/1998	10:26	686.40	330.00	-1.4647	2
1/9/1998	10:26	662.10	318.90	-1.4611	3
1/9/1998	10:35	597.70	298.80	-1.3866	1
1/9/1998	10:35	609.80	304.90	-1.3863	2
1/9/1998	10:35	654.10	326.70	-1.3884	3
1/9/1998	10:47	667.20	300.20	-1.5973	1
1/9/1998	10:47	651.80	294.80	-1.5869	2
1/9/1998	10:47	624.70	282.20	-1.5893	3
1/9/1998	11:04	657.00	409.80	-0.9440	1
1/9/1998	11:04	607.50	381.00	-0.9331	2
1/9/1998	11:04	615.90	376.50	-0.9843	3
1/9/1998	11:15	580.20	217.62	-1.9612	1
1/9/1998	11:15	574.80	215.07	-1.9661	2
1/9/1998	11:15	555.90	208.65	-1.9599	3
1/9/1998	11:31	886.80	262.62	-2.4338	1
1/9/1998	11:31	882.60	276.54	-2.3210	2
1/9/1998	11:31	872.70	283.74	-2.2471	3
1/9/1998	11:44	639.20	419.90	-0.8404	1
1/9/1998	11:44	628.00	411.20	-0.8469	2
1/9/1998	11:44	626.80	411.10	-0.8436	3
1/9/1998	11:53	622.50	325.20	-1.2986	1
1/9/1998	11:53	606.60	315.30	-1.3087	2
1/9/1998	11:53	592.80	309.90	-1.2972	3
1/9/1998	12:04	673.50	356.40	-1.2729	1
1/9/1998	12:04	679.80	358.80	-1.2781	2
1/9/1998	12:04	712.80	376.80	-1.2750	3
1/12/1998	10:12	973.20	621.00	-0.8985	1

Light January 1998

Date	Time	Reading 1	Reading 2	COEF	
1/12/1998	10:12	961.80	617.40	-0.8866	2
1/12/1998	10:12	977.10	629.10	-0.8806	3
1/12/1998	10:12	1077.60	694.20	-0.8795	1
1/12/1998	10:12	1043.10	670.50	-0.8839	2
1/12/1998	10:12	1042.50	668.70	-0.8881	3
1/12/1998	10:28	1017.30	554.10	-1.2151	1
1/12/1998	10:28	942.30	512.70	-1.2173	2
1/12/1998	10:28	1021.50	556.20	-1.2158	3
1/12/1998	10:41	683.55	351.45	-1.3305	1
1/12/1998	10:41	717.90	363.90	-1.3589	2
1/12/1998	10:41	748.35	383.25	-1.3384	3
1/12/1998	10:56	1016.70	488.40	-1.4664	1
1/12/1998	10:56	997.20	478.50	-1.4686	2
1/12/1998	10:56	968.40	468.00	-1.4544	3
1/12/1998	11:13	1291.50	604.50	-1.5183	1
1/12/1998	11:13	419.20	196.20	-1.5184	2
1/12/1998	11:13	420.70	197.60	-1.5114	3
1/12/1998	12:08	879.60	609.00	-0.7353	1
1/12/1998	12:08	908.70	627.40	-0.7409	2
1/12/1998	12:08	922.80	634.70	-0.7485	3
1/12/1998	12:22	687.80	323.80	-1.5067	1
1/12/1998	12:22	748.20	352.80	-1.5035	2
1/12/1998	12:22	746.60	351.20	-1.5083	3
1/12/1998	12:32	563.90	225.40	-1.8340	1
1/12/1998	12:32	560.70	223.70	-1.8378	2
1/12/1998	12:32	558.60	222.90	-1.8374	3
1/12/1998	12:44	676.40	404.20	-1.0297	1
1/12/1998	12:44	684.80	405.90	-1.0460	2
1/12/1998	12:44	707.50	413.40	-1.0746	3
1/12/1998	12:56	793.40	474.30	-1.0290	1
1/12/1998	12:56	777.60	461.00	-1.0456	2
1/12/1998	12:56	780.80	463.80	-1.0417	3

Station	Date mm/dd/yy	Time HHMMSS	Temp deg C	pH Units	SpCond uS/cm	Salin ppt	DO % Sat	DO mg/l	Batt volts
	1/7/1998	6:15	19.81	7.96	39,700	25.3	94.1	7.38	13.7
	1/7/1998	6:30	19.72	7.97	39,900	25.5	91.8	7.20	13.7
	1/7/1998	6:45	19.76	7.98	39,900	25.5	91.1	7.14	13.7
	1/7/1998	7:00	19.75	7.98	39,900	25.5	91.4	7.17	13.7
	1/7/1998	7:15	19.74	7.99	39,900	25.5	90.7	7.11	13.7
	1/7/1998	7:30	19.79	7.99	39,700	25.3	91.1	7.15	13.6
	1/7/1998	7:45	19.90	7.99	39,100	24.9	91.5	7.17	13.6
	1/7/1998	8:00	19.87	8.00	39,300	25.1	90.5	7.10	13.6
	1/7/1998	8:15	19.87	8.00	39,400	25.1	90.3	7.08	13.6
	1/7/1998	8:30	19.87	8.00	39,400	25.1	90.9	7.13	13.6
	1/7/1998	8:45	19.89	8.01	39,300	25.0	92.1	7.22	13.5
	1/7/1998	9:00	19.92	8.01	39,200	25.0	92.9	7.28	13.6
	1/7/1998	9:15	19.99	8.02	39,100	24.9	93.6	7.33	13.5
	1/7/1998	9:30	20.00	8.01	39,100	24.9	94.2	7.37	13.5
	1/7/1998	9:45	20.00	8.03	39,200	25.0	93.7	7.33	13.5
	1/7/1998	10:00	19.99	8.02	39,300	25.0	93.7	7.33	13.4
	1/7/1998	10:15	20.00	8.02	39,300	25.1	94.1	7.36	13.5
	1/7/1998	10:30	20.04	8.03	39,300	25.1	95.1	7.43	13.4
	1/7/1998	10:45	20.08	8.04	39,400	25.1	93.3	7.29	13.4
	1/7/1998	11:00	20.11	8.05	39,400	25.1	96.9	7.56	13.4
	1/7/1998	11:15	20.14	8.04	39,500	25.2	96.1	7.49	13.4
	1/7/1998	11:30	20.14	8.05	39,500	25.2	96.2	7.50	13.4
	1/7/1998	11:45	20.18	8.04	39,600	25.3	96.4	7.50	13.4
	1/7/1998	12:00	20.22	8.06	39,600	25.3	96.8	7.53	13.4
	1/7/1998	12:15	20.23	8.05	39,600	25.3	97.8	7.60	13.3
	1/7/1998	12:30	20.24	8.05	39,600	25.3	98.0	7.62	13.4
	1/7/1998	12:45	20.24	8.07	39,700	25.3	97.0	7.54	13.3
	1/7/1998	13:00	20.31	8.07	39,700	25.3	98.7	7.66	13.3
	1/7/1998	13:15	20.34	8.06	39,700	25.3	98.4	7.64	13.3
	1/7/1998	13:30	20.38	8.07	39,700	25.3	100.5	7.79	13.3
	1/7/1998	13:45	20.40	8.08	39,700	25.3	99.5	7.71	13.3
	1/7/1998	14:00	20.45	8.08	39,700	25.4	100.0	7.74	13.3
	1/7/1998	14:15	20.49	8.09	39,700	25.4	99.8	7.72	13.3
	1/7/1998	14:30	20.52	8.09	39,700	25.4	100.0	7.73	13.3
	1/7/1998	14:45	20.56	8.09	39,700	25.4	101.1	7.81	13.3
	1/7/1998	15:00	20.55	8.09	39,800	25.4	99.4	7.68	13.3
	1/7/1998	15:15	20.60	8.10	39,800	25.4	100.9	7.78	13.2
	1/7/1998	15:30	20.63	8.11	39,800	25.5	102.0	7.86	13.2
	1/7/1998	15:45	20.63	8.11	39,800	25.5	101.5	7.82	13.3
	1/7/1998	16:00	20.65	8.12	39,800	25.5	101.7	7.84	13.2
	1/7/1998	16:15	20.66	8.12	39,800	25.4	102.6	7.90	13.3
	1/7/1998	16:30	20.73	8.12	39,800	25.4	102.4	7.88	13.2
	1/7/1998	16:45	20.78	8.13	39,700	25.4	101.2	7.79	13.3
	1/7/1998	17:00	20.81	8.13	39,700	25.4	101.7	7.82	13.2
	1/7/1998	17:15	20.81	8.12	39,700	25.4	101.0	7.76	13.2
	1/7/1998	17:30	20.81	8.13	39,700	25.4	101.7	7.82	13.2
	1/7/1998	17:45	20.78	8.12	39,800	25.4	101.3	7.79	13.2
	1/7/1998	18:00	20.78	8.13	39,800	25.4	100.1	7.70	13.2
	1/7/1998	18:15	20.75	8.12	39,900	25.5	100.4	7.72	13.2
	1/7/1998	18:30	20.74	8.13	39,900	25.5	99.8	7.68	13.2
	1/7/1998	18:45	20.72	8.13	40,000	25.5	99.0	7.61	13.2
	1/7/1998	19:00	20.73	8.12	39,900	25.5	100.4	7.72	13.2
	1/7/1998	19:15	20.70	8.13	40,000	25.6	100.5	7.73	13.2
	1/7/1998	19:30	20.69	8.12	40,000	25.6	97.8	7.52	13.1
	1/7/1998	19:45	20.68	8.12	40,100	25.6	99.1	7.62	13.1
	1/7/1998	20:00	20.68	8.12	40,100	25.7	99.4	7.65	13.1
	1/7/1998	20:15	20.69	8.12	40,100	25.7	99.0	7.61	13.1
	1/7/1998	20:30	20.68	8.12	40,200	25.7	97.3	7.49	13.1
	1/7/1998	20:45	20.67	8.12	40,200	25.7	98.3	7.56	13.1
	1/7/1998	21:00	20.69	8.11	40,200	25.7	97.6	7.50	13.1
	1/7/1998	21:15	20.67	8.12	40,300	25.8	98.5	7.57	13.1
	1/7/1998	21:30	20.70	8.12	40,300	25.8	97.2	7.47	13.1
	1/7/1998	21:45	20.68	8.12	40,300	25.8	97.8	7.52	13.1
	1/7/1998	22:00	20.65	8.11	40,400	25.8	97.9	7.53	13.1

Hydro work

Hydrolab #1

0:15

Station	Date mm/dd/yy	Time HHMMSS	Temp deg C	pH Units	SpCond uS/cm	Salin ppt	DO % Sat	DO mg/l	Batt volts
	1/7/1998	22:15	20.63	8.11	40,500	25.9	97.0	7.46	13.1
	1/7/1998	22:30	20.66	8.12	40,300	25.8	97.0	7.46	13.1
	1/7/1998	22:45	20.53	8.11	40,500	26.0	96.0	7.39	13.1
	1/7/1998	23:00	20.45	8.10	40,700	26.1	94.9	7.31	13.1
	1/7/1998	23:15	20.46	8.11	40,700	26.1	95.2	7.33	13.1
	1/7/1998	23:30	20.54	8.11	40,400	25.9	95.2	7.34	13.1
	1/7/1998	23:45	20.52	8.10	40,500	25.9	94.9	7.31	13.1
	1/8/1998	0:00	20.47	8.10	40,600	26.0	94.6	7.30	13.0
	1/8/1998	0:15	20.46	8.09	40,600	26.0	94.4	7.28	13.0
	1/8/1998	0:30	20.53	8.09	40,400	25.8	93.6	7.21	13.1
	1/8/1998	0:45	20.56	8.10	40,200	25.7	94.4	7.28	13.0
	1/8/1998	1:00	20.60	8.09	40,100	25.7	93.1	7.17	13.0
	1/8/1998	1:15	20.58	8.09	40,300	25.8	92.9	7.15	13.0
	1/8/1998	1:30	20.55	8.09	40,300	25.8	92.5	7.13	13.0
	1/8/1998	1:45	20.58	8.08	40,400	25.8	92.2	7.10	13.0
	1/8/1998	2:00	20.60	8.10	40,400	25.9	92.2	7.09	13.0
	1/8/1998	2:15	20.61	8.10	40,400	25.9	91.5	7.04	13.0
	1/8/1998	2:30	20.63	8.10	40,400	25.8	90.6	6.97	13.0
	1/8/1998	2:45	20.65	8.09	40,400	25.8	90.6	6.97	13.0
	1/8/1998	3:00	20.66	8.09	40,400	25.8	89.8	6.91	13.0
	1/8/1998	3:15	20.67	8.09	40,400	25.9	89.6	6.88	13.0
	1/8/1998	3:30	20.68	8.09	40,500	25.9	89.7	6.89	13.0
	1/8/1998	3:45	20.67	8.09	40,500	26.0	90.2	6.93	12.9
	1/8/1998	4:00	20.68	8.09	40,600	26.0	88.7	6.81	13.1
	1/8/1998	4:15	20.69	8.09	40,600	26.0	89.8	6.89	13.0
	1/8/1998	4:30	20.69	8.09	40,600	26.0	88.4	6.78	13.0
	1/8/1998	4:45	20.69	8.10	40,600	26.0	87.8	6.74	13.0
	1/8/1998	5:00	20.66	8.10	40,700	26.1	88.5	6.79	13.0
	1/8/1998	5:15	20.66	8.10	40,700	26.1	89.2	6.85	12.9
	1/8/1998	5:30	20.64	8.09	40,700	26.1	89.0	6.84	12.9
	1/8/1998	5:45	20.60	8.10	40,700	26.0	88.9	6.84	13.0
	1/8/1998	6:00	20.57	8.09	40,600	26.0	88.9	6.84	13.0
	1/8/1998	6:15	20.55	8.09	40,600	26.0	89.3	6.87	12.9
	1/8/1998	6:30	20.52	8.09	40,600	26.0	89.4	6.88	12.9
	1/8/1998	6:45	20.55	8.09	40,300	25.8	89.7	6.91	12.9
	1/8/1998	7:00	20.56	8.08	40,100	25.7	89.5	6.90	12.9
	1/8/1998	7:15	20.56	8.09	40,100	25.6	88.7	6.84	12.9
	1/8/1998	7:30	20.56	8.09	40,100	25.6	87.4	6.74	12.9
	1/8/1998	7:45	20.60	8.08	40,100	25.6	87.4	6.74	12.9
	1/8/1998	8:00	20.61	8.08	40,000	25.6	85.0	6.55	12.9
	1/8/1998	8:15	20.61	8.08	40,100	25.6	85.4	6.58	12.9
	1/8/1998	8:30	20.64	8.08	39,400	25.1	86.2	6.66	12.9
	1/8/1998	8:45	20.67	8.08	39,000	24.9	86.8	6.71	12.9
	1/8/1998	9:00	20.69	8.07	39,200	25.0	86.2	6.65	12.9
	1/8/1998	9:15	20.71	8.07	39,100	24.9	86.1	6.65	12.9
	1/8/1998	9:30	20.69	8.07	39,200	25.0	86.2	6.66	12.9
	1/8/1998	9:45	20.68	8.07	39,200	25.0	85.9	6.64	12.9
	1/8/1998	10:00	20.69	8.07	39,100	24.9	87.1	6.73	12.9
	1/8/1998	10:15	20.70	8.06	39,200	25.0	86.1	6.65	12.9
	1/8/1998	10:30	20.72	8.07	39,200	25.0	87.1	6.72	12.9
	1/8/1998	10:45	20.76	8.07	39,200	25.0	87.2	6.73	12.9
	1/8/1998	11:00	20.78	8.07	39,200	25.0	87.2	6.72	12.9
	1/8/1998	11:15	20.85	8.08	39,100	24.9	88.7	6.83	12.8

Hydrolab #2

Station	Date mm/dd/yy	Time HHMMSS	Temp deg C	pH Units	SpCond uS/cm	Salin ppt	DO % Sat	DO mg/l	Batt volts
	1/7/1998	6:30	19.97	8.26	39,595	25.3	157.3	12.25	12.9
	1/7/1998	6:45	19.96	8.29	39,380	25.1	158.0	12.32	12.9
	1/7/1998	7:00	19.98	8.30	39,227	25.0	156.9	12.23	12.8
	1/7/1998	7:15	19.98	8.31	39,278	25.1	156.3	12.18	12.8
	1/7/1998	7:30	19.96	8.31	39,278	25.1	155.2	12.10	12.7
	1/7/1998	7:45	19.94	8.31	39,277	25.1	154.4	12.04	12.7

Station	Date mm/dd/yy	Time HHMMSS	Temp deg C	pH Units	SpCond uS/cm	Salin ppt	DO % Sat	DO mg/l	Batt volts
	1/7/1998	8:00	19.92	8.30	39,277	25.1	153.7	12.00	12.7
	1/7/1998	8:15	19.92	8.29	39,277	25.1	152.5	11.90	12.7
	1/7/1998	8:30	19.92	8.29	39,328	25.1	152.1	11.87	12.6
	1/7/1998	8:45	19.92	8.28	39,328	25.1	151.5	11.82	12.6
	1/7/1998	9:00	19.91	8.28	39,429	25.2	151.4	11.81	12.6
	1/7/1998	9:15	19.87	8.29	39,479	25.2	151.8	11.84	12.4
	1/7/1998	9:30	19.92	8.28	39,430	25.2	151.3	11.80	12.5
	1/7/1998	9:45	19.96	8.27	39,431	25.2	151.2	11.78	12.5
	1/7/1998	10:00	20.03	8.26	39,383	25.1	151.1	11.76	12.5
	1/7/1998	10:15	20.09	8.26	39,344	25.1	151.3	11.77	12.5
	1/7/1998	10:30	20.13	8.27	39,335	25.1	151.9	11.80	12.5
	1/7/1998	10:45	20.12	8.27	39,334	25.1	153.3	11.92	12.5
	1/7/1998	11:00	20.07	8.27	39,548	25.2	155.2	12.07	12.5
	1/7/1998	11:15	20.18	8.27	39,440	25.2	154.4	11.98	12.4
	1/7/1998	11:30	20.28	8.28	39,403	25.1	153.0	11.85	12.4
	1/7/1998	11:45	20.34	8.28	39,395	25.1	152.3	11.79	12.4
	1/7/1998	12:00	20.36	8.28	39,447	25.2	153.1	11.84	12.4
	1/7/1998	12:15	20.41	8.29	39,399	25.1	153.7	11.88	12.3
	1/7/1998	12:30	20.50	8.30	39,403	25.1	153.7	11.86	12.4
	1/7/1998	12:45	20.53	8.30	39,404	25.1	153.7	11.85	12.4
	1/7/1998	13:00	20.53	8.30	39,404	25.1	153.7	11.85	12.4
	1/7/1998	13:15	20.59	8.30	39,417	25.2	154.9	11.92	12.3
	1/7/1998	13:30	20.66	8.29	39,421	25.2	155.0	11.91	12.3
	1/7/1998	13:45	20.63	8.29	39,522	25.2	155.9	11.99	12.3
	1/7/1998	14:00	20.58	8.30	39,612	25.3	157.5	12.12	12.3
	1/7/1998	14:15	20.58	8.30	39,714	25.4	157.9	12.14	12.3
	1/7/1998	14:30	20.60	8.31	39,663	25.3	158.7	12.20	12.3
	1/7/1998	14:45	20.82	8.31	39,481	25.2	158.5	12.14	12.3
	1/7/1998	15:00	20.72	8.32	39,619	25.3	159.8	12.26	12.3
	1/7/1998	15:15	20.64	8.32	39,768	25.4	161.7	12.42	12.3
	1/7/1998	15:30	20.52	8.32	40,029	25.6	164.6	12.65	12.3
	1/7/1998	15:45	20.43	8.32	40,269	25.8	165.3	12.72	12.2
	1/7/1998	16:00	20.41	8.32	40,320	25.8	165.3	12.72	12.2
	1/7/1998	16:15	20.24	8.32	40,465	25.9	166.5	12.85	12.2
	1/7/1998	16:30	20.13	8.32	40,563	26.0	167.0	12.91	12.2
	1/7/1998	16:45	20.13	8.32	40,563	26.0	167.0	12.91	12.2
	1/7/1998	17:00	20.12	8.33	40,664	26.0	167.5	12.95	12.2
	1/7/1998	17:15	20.01	8.33	40,609	26.0	168.7	13.07	12.2
	1/7/1998	17:30	19.97	8.32	40,618	26.0	168.8	13.09	12.2
	1/7/1998	17:45	20.03	8.33	40,712	26.1	168.7	13.06	12.2
	1/7/1998	18:00	20.12	8.33	40,727	26.1	168.1	12.99	12.1
	1/7/1998	18:15	20.17	8.34	40,729	26.1	168.0	12.96	12.1
	1/7/1998	18:30	20.24	8.34	40,772	26.1	166.7	12.85	12.1
	1/7/1998	18:45	20.26	8.34	40,784	26.1	167.0	12.87	12.1
	1/7/1998	19:00	20.30	8.34	40,785	26.1	166.8	12.84	12.1
	1/7/1998	19:15	20.31	8.34	40,775	26.1	166.3	12.80	12.1
	1/7/1998	19:30	20.31	8.34	40,775	26.1	165.4	12.73	12.1
	1/7/1998	19:45	20.32	8.34	40,674	26.0	163.4	12.58	12.1
	1/7/1998	20:00	20.36	8.34	40,686	26.1	163.7	12.59	12.1
	1/7/1998	20:15	20.41	8.34	40,729	26.1	163.4	12.55	12.1
	1/7/1998	20:30	20.45	8.33	40,792	26.1	161.6	12.40	12.0
	1/7/1998	20:45	20.46	8.33	40,782	26.1	162.2	12.45	12.1
	1/7/1998	21:00	20.45	8.33	40,782	26.1	162.0	12.44	12.0
	1/7/1998	21:15	20.36	8.33	40,675	26.0	162.3	12.49	12.0
	1/7/1998	21:30	20.27	8.34	40,671	26.0	163.3	12.58	12.0
	1/7/1998	21:45	20.20	8.34	40,617	26.0	163.2	12.59	12.0
	1/7/1998	22:00	20.20	8.34	40,566	26.0	161.1	12.44	12.0
	1/7/1998	22:15	20.14	8.33	40,625	26.0	161.2	12.46	11.9
	1/7/1998	22:30	20.12	8.34	40,573	26.0	160.1	12.38	12.0
	1/7/1998	22:45	20.12	8.34	40,511	25.9	160.6	12.42	12.0
	1/7/1998	23:00	20.35	8.34	40,276	25.8	159.9	12.33	12.0
	1/7/1998	23:15	20.56	8.35	39,928	25.5	160.4	12.33	11.9
	1/7/1998	23:30	20.57	8.34	39,867	25.5	159.0	12.23	12.0
	1/7/1998	23:45	20.62	8.34	39,818	25.4	154.6	11.87	11.9

Hydro work

Hydrolab #1

0:15

Station	Date mm/dd/yy	Time HHMMSS	Temp deg C	pH Units	SpCond uS/cm	Salin ppt	DO % Sat	DO mg/l	Batt volts
	1/8/1998	0:00	20.60	8.35	39,869	25.5	153.2	11.77	11.9
	1/8/1998	0:15	20.58	8.35	39,816	25.4	153.9	11.83	11.9
	1/8/1998	0:30	20.60	8.35	39,869	25.5	154.3	11.86	11.9
	1/8/1998	0:45	20.62	8.35	39,818	25.4	154.7	11.88	11.9
	1/8/1998	1:00	20.62	8.34	39,818	25.4	154.8	11.89	11.9
	1/8/1998	1:15	20.58	8.34	39,816	25.4	154.6	11.88	11.9
	1/8/1998	1:30	20.60	8.35	39,766	25.4	155.1	11.92	11.9
	1/8/1998	1:45	20.57	8.35	39,775	25.4	155.6	11.96	11.9
	1/8/1998	2:00	20.56	8.35	39,825	25.4	155.6	11.97	11.9
	1/8/1998	2:15	20.58	8.35	39,816	25.4	155.5	11.95	11.8
	1/8/1998	2:30	20.56	8.35	39,876	25.5	155.8	11.98	11.8
	1/8/1998	2:45	20.55	8.35	39,917	25.5	155.6	11.97	11.8
	1/8/1998	3:00	20.54	8.34	39,978	25.6	155.4	11.95	11.9
	1/8/1998	3:15	20.55	8.35	39,968	25.5	154.9	11.91	11.8
	1/8/1998	3:30	20.58	8.35	39,970	25.5	154.6	11.87	11.8
	1/8/1998	3:45	20.62	8.35	39,870	25.5	154.0	11.82	11.8
	1/8/1998	4:00	20.63	8.34	39,880	25.5	153.4	11.78	11.8
	1/8/1998	4:15	20.64	8.34	39,870	25.5	153.2	11.76	11.8
	1/8/1998	4:30	20.64	8.34	39,870	25.5	153.2	11.76	11.8
	1/8/1998	4:45	20.65	8.33	39,871	25.5	152.6	11.71	11.8
	1/8/1998	5:00	20.66	8.33	39,831	25.4	152.2	11.68	11.8
	1/8/1998	5:15	20.65	8.33	39,820	25.4	151.8	11.65	11.8
	1/8/1998	5:30	20.67	8.32	39,770	25.4	151.5	11.63	11.8
	1/8/1998	5:45	20.65	8.32	39,513	25.2	152.1	11.69	11.7
	1/8/1998	6:00	20.62	8.32	39,409	25.1	153.0	11.77	11.7
	1/8/1998	6:15	20.60	8.31	39,612	25.3	152.3	11.71	11.7
	1/8/1998	6:30	20.53	8.32	39,609	25.3	153.0	11.78	11.7
	1/8/1998	6:45	20.50	8.32	39,454	25.2	154.0	11.88	11.7
	1/8/1998	7:00	20.43	8.32	39,399	25.1	154.8	11.96	11.7
	1/8/1998	7:15	20.39	8.31	39,500	25.2	155.0	11.97	11.6
	1/8/1998	7:30	20.41	8.32	39,501	25.2	154.9	11.96	11.7
	1/8/1998	7:45	20.43	8.32	39,399	25.1	154.4	11.92	11.7
	1/8/1998	8:00	20.43	8.32	39,450	25.2	153.9	11.89	11.7
	1/8/1998	8:15	20.41	8.31	39,501	25.2	154.0	11.90	11.7
	1/8/1998	8:30	20.39	8.31	39,551	25.2	154.3	11.91	11.6
	1/8/1998	8:45	20.40	8.31	39,511	25.2	154.6	11.94	11.7
	1/8/1998	9:00	20.40	8.30	39,562	25.3	154.7	11.95	11.7
	1/8/1998	9:15	20.41	8.31	39,552	25.2	155.3	11.99	11.7
	1/8/1998	9:30	20.43	8.30	39,553	25.2	155.1	11.97	11.7
	1/8/1998	9:45	20.41	8.30	39,501	25.2	155.8	12.03	11.7
	1/8/1998	10:00	20.46	8.30	39,503	25.2	156.7	12.09	11.7
	1/8/1998	10:15	20.48	8.30	39,504	25.2	156.4	12.07	11.7
	1/8/1998	10:30	20.45	8.29	39,359	25.1	157.8	12.18	11.7
	1/8/1998	10:45	20.46	8.28	39,401	25.1	159.6	12.32	11.6
	1/8/1998	11:00	20.53	8.27	39,404	25.1	161.5	12.45	11.6
	1/8/1998	11:15	20.54	8.27	39,364	25.1	163.6	12.61	11.6

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
10-1	022498	0705	0.2	33.0	50.21	18.93	8.21	7.09	93.0
10-1	022498	0706	1.0	33.0	50.21	18.94	8.21	7.01	92.3
10-1	022498	0706	2.3	33.0	50.18	18.94	8.21	7.15	94.2
10-1	022498	1357	0.2	32.3	49.21	19.20	8.26	7.42	97.9
10-1	022498	1358	1.0	32.3	49.25	19.19	8.25	7.47	98.6
10-1	022498	1359	2.8	32.2	49.24	19.19	8.26	7.56	99.8
10-2	022498	0652	0.2	33.0	50.22	18.59	8.19	7.34	94.7
10-2	022498	0652	1.0	33.0	50.19	18.60	8.20	7.17	93.3
10-2	022498	0653	1.9	32.9	50.15	18.59	8.21	7.16	93.8
10-2	022498	1426	0.2	32.7	49.80	19.32	8.26	7.55	100.8
10-2	022498	1426	0.5	32.7	49.82	19.31	8.26	7.67	101.4
10-2	022498	1427	0.7	32.7	49.81	19.31	8.26	7.65	101.6
10-3	022498	0625	0.2	32.3	49.21	18.77	8.10	6.96	91.0
10-3	022498	0625	1.0	32.4	49.41	18.78	8.12	6.98	91.3
10-3	022498	0625	2.9	32.6	49.74	18.79	8.16	7.05	92.5
10-3	022498	1450	0.2	33.1	50.44	18.92	8.22	7.67	101.2
10-3	022498	1451	1.0	33.2	50.52	18.90	8.22	7.71	101.8
10-3	022498	1453	4.0	33.3	50.66	18.90	8.23	7.75	102.3
10-4	022498	0817	0.2	31.6	48.28	18.67	8.22	6.99	90.5
10-4	022498	0817	1.0	31.5	48.13	18.65	8.22	7.02	91.2
10-4	022498	0818	4.6	33.5	50.85	18.58	8.19	6.57	84.6
10-4	022498	1116	0.2	32.7	49.76	18.34	8.20	7.11	92.4
10-4	022498	1117	1.0	32.7	49.84	18.34	8.20	7.14	93.1
10-4	022498	1118	4.7	33.3	50.59	18.37	8.22	7.06	91.9
10-5	022498	0805	0.2	30.0	46.02	18.14	8.19	7.16	90.8
10-5	022498	0805	0.8	30.0	46.06	18.15	8.18	7.13	90.2
10-5	022498	0806	1.3	30.0	46.03	18.12	8.18	7.12	90.7
10-5	022498	1140	0.2	32.8	49.95	18.54	8.21	7.54	98.6
10-5	022498	1141	0.9	32.8	49.90	18.54	8.22	7.67	100.0
10-5	022498	1142	1.5	32.7	49.86	18.55	8.22	7.67	100.2

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
11-1	022498	0717	0.2	30.5	46.82	18.97	8.24	6.89	89.7
11-1	022498	0718	1.0	30.5	46.85	18.98	8.24	6.87	89.8
11-1	022498	0719	2.5	31.0	47.47	18.98	8.24	6.97	90.7
11-1	022498	1329	0.2	30.9	47.32	19.18	8.25	7.43	97.3
11-1	022498	1330	1.0	30.9	47.32	19.18	8.24	7.48	98.0
11-1	022498	1331	2.5	30.9	47.33	19.16	8.25	7.55	98.7
11-2	022498	0728	0.2	30.7	47.04	19.10	8.23	6.91	89.8
11-2	022498	0729	1.0	30.6	47.02	19.11	8.23	6.98	90.1
11-2	022498	0729	2.5	30.6	47.04	19.12	8.24	7.00	91.3
11-2	022498	1308	0.2	30.8	47.17	19.28	8.25	7.37	96.7
11-2	022498	1309	1.0	30.9	47.35	19.26	8.24	7.43	97.3
11-2	022498	1310	2.6	31.1	47.62	19.26	8.25	7.42	97.1
11-3	022498	0739	0.2	29.6	45.61	18.95	8.21	7.13	91.6
11-3	022498	0739	0.8	30.2	46.37	18.95	8.21	6.81	88.0
11-3	022498	0740	1.3	30.2	46.36	18.96	8.21	6.82	87.7
11-3	022498	1239	0.2	31.2	47.83	19.21	8.22	7.23	94.8
11-3	022498	1240	1.0	31.2	47.76	19.18	8.22	7.35	96.4
11-3	022498	1241	1.7	31.1	47.69	19.17	8.22	7.43	97.2
11-4	022498	0750	0.2	30.5	46.82	18.79	8.23	6.93	88.8
11-4	022498	0751	0.5	30.5	46.89	18.79	8.24	6.86	88.7
11-4	022498	0751	0.8	30.5	46.86	18.80	8.24	6.86	88.8
11-4	022498	1210	0.2	31.3	47.86	19.31	8.25	7.42	97.5
11-4	022498	1211	0.7	31.3	47.86	19.30	8.25	7.49	98.5
11-4	022498	1211	1.1	31.3	47.85	19.31	8.25	7.49	98.5
11-5	022498	0834	0.2	30.9	47.27	18.06	8.19	7.13	90.9
11-5	022498	0835	1.0	30.8	47.24	18.05	8.19	7.16	91.5
11-5	022498	0835	1.9	31.0	47.65	18.05	8.19	7.17	91.8
11-5	022498	1043	0.2	28.9	44.63	18.27	8.22	7.75	98.4
11-5	022498	1044	1.0	29.4	45.27	18.28	8.21	7.87	99.9
11-5	022498	1045	2.0	30.2	46.36	18.40	8.20	7.53	96.6

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
ML-1	022498	0744	0.2	0.05	0.099	19.89	6.59	5.59	61.3
ML-1	022498	0744	0.6	0.05	0.099	19.90	6.55	5.49	60.3
ML-1	022498	0745	0.9	0.05	0.100	19.90	6.55	5.43	59.6
ML-1	022498	1328	0.2	0.05	0.103	20.88	6.71	5.89	65.7
ML-1	022498	1329	1.0	0.05	0.103	20.87	6.59	5.74	64.3
ML-1	022498	1330	1.7	0.05	0.103	20.87	6.58	5.74	64.2
ML-2	022498	0727	0.2	0.05	0.103	19.62	6.59	5.92	64.6
ML-2	022498	0728	0.5	0.05	0.104	19.59	6.51	5.73	62.4
ML-2	022498	1248	0.2	0.19	0.400	21.75	6.75	6.92	79.0
ML-2	022498	1248	0.4	0.19	0.383	21.56	6.69	6.94	78.7
ML-2	022498	1249	0.6	0.17	0.347	21.10	6.66	6.65	74.8
ML-3	022498	0721	0.2	0.18	0.364	18.69	6.79	7.23	77.5
ML-3	022498	0722	0.5	0.17	0.361	18.67	6.75	7.15	76.7
ML-3	022498	0722	0.8	0.17	0.361	18.63	6.74	7.13	76.3
ML-3	022498	1217	0.2	0.22	0.465	20.12	6.79	7.55	83.4
ML-3	022498	1217	0.4	0.22	0.453	20.06	6.97	7.56	83.2
ML-3	022498	1218	0.6	0.22	0.462	20.07	6.76	7.36	81.1
ML-4	022498	0700	0.2	0.08	0.172	19.52	6.70	5.91	64.4
ML-4	022498	0702	0.5	0.09	0.188	19.54	6.63	5.93	64.6
ML-4	022498	1149	0.2	0.13	0.268	20.45	6.72	6.35	70.5
ML-4	022498	1149	0.6	0.14	0.282	20.44	6.66	6.24	68.9
ML-4	022498	1149	1.0	0.13	0.281	20.44	6.66	6.16	68.5
ML-5	022498	0643	0.2	0.10	0.210	19.92	6.60	5.72	62.8
ML-5	022498	1112	0.2	0.13	0.275	20.27	6.60	5.96	65.9
ML-5	022498	1113	0.7	0.14	0.280	20.26	6.58	5.91	65.4
ML-5	022498	1113	1.1	0.14	0.284	20.26	6.59	5.84	64.7

Sarasota Bay / Myakka River Status and Trends Monitoring Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
MU-1	022498	0900	0.2	0.04	0.081	20.19	6.38	5.58	61.1
MU-1	022498	0900	1.0	0.04	0.081	20.19	6.34	5.33	58.8
MU-1	022498	0900	3.5	0.04	0.081	20.19	6.36	5.29	58.2
MU-1	022498	1647	0.2	0.04	0.084	20.47	6.39	5.48	61.0
MU-1	022498	1650	1.0	0.04	0.086	20.47	6.39	5.34	59.6
MU-1	022498	1650	3.5	-9	-9	-9	-9	-9	-9
MU-2	022498	0847	0.2	0.04	0.083	20.15	6.49	5.84	64.5
MU-2	022498	0847	1.0	0.04	0.084	20.16	6.42	6.29	68.3
MU-2	022498	0847	3.0	0.04	0.084	20.16	6.41	6.07	66.8
MU-2	022498	1624	0.2	0.04	0.085	20.55	6.38	5.48	61.1
MU-2	022498	1624	1.0	0.04	0.085	20.54	6.36	5.39	59.9
MU-2	022498	1624	1.8	0.04	0.085	20.55	6.37	5.29	58.6
MU-3	022498	0822	0.2	0.04	0.085	20.09	6.48	5.36	59.0
MU-3	022498	0823	1.0	0.04	0.085	20.12	6.42	5.78	63.7
MU-3	022498	0823	1.8	0.04	0.086	20.12	6.41	5.34	58.4
MU-3	022498	1536	0.2	0.05	0.088	20.75	6.49	5.54	61.7
MU-3	022498	1537	1.0	0.05	0.088	20.75	6.45	5.42	60.5
MU-3	022498	1538	2.1	0.05	0.088	20.74	6.42	5.67	61.9
MU-4	022498	0812	0.2	0.06	0.121	19.53	6.73	6.31	67.4
MU-4	022498	0813	0.6	0.06	0.124	19.54	6.62	5.52	59.8
MU-4	022498	0814	1.0	0.06	0.123	19.49	6.65	5.12	55.8
MU-4	022498	1459	0.2	0.06	0.120	20.91	6.71	6.17	68.7
MU-4	022498	1459	0.5	0.06	0.121	20.89	6.66	5.93	66.3
MU-4	022498	1500	0.8	0.06	0.122	20.85	6.64	5.90	66.1
MU-5	022498	0755	0.2	0.05	0.104	19.80	6.71	5.77	62.9
MU-5	022498	0756	0.9	0.05	0.104	19.80	6.60	5.52	60.5
MU-5	022498	0757	1.5	0.05	0.108	19.80	6.63	5.43	59.5
MU-5	022498	1418	0.2	0.05	0.104	21.05	6.66	5.89	66.2
MU-5	022498	1419	0.9	0.05	0.101	21.04	6.59	5.80	65.1
MU-5	022498	1419	1.6	0.05	0.104	21.07	6.60	5.77	64.9

Sarasota Bay / Myakka River Status and Trends Monitoring Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
13-1	022598	0604	0.2	22.4	35.48	18.34	7.89	7.31	89.2
13-1	022598	0604	0.5	23.1	36.34	18.47	7.98	7.34	90.3
13-1	022598	0605	0.7	23.2	36.60	18.47	8.00	7.37	90.7
13-1	022598	1351	0.2	26.2	41.11	20.40	8.21	8.76	114.5
13-1	022598	1353	0.8	28.5	44.07	19.54	8.19	8.75	113.7
13-1	022598	1353	1.4	29.5	45.64	19.05	8.18	8.46	109.7
13-2	022598	0621	0.2	19.6	31.30	18.29	7.98	7.10	85.0
13-2	022598	0621	0.6	22.0	34.93	18.33	8.02	7.03	85.6
13-2	022598	0623	0.9	28.0	43.34	18.81	8.07	6.79	86.7
13-2	022598	1329	0.2	22.9	36.23	20.11	8.26	9.68	123.0
13-2	022598	1329	0.8	26.7	41.52	19.39	8.19	8.83	112.4
13-2	022598	1330	1.3	29.2	44.95	18.81	8.14	8.01	101.0
13-3	022598	0649	0.2	21.1	33.69	17.99	7.97	6.66	79.9
13-3	022598	0649	0.4	22.3	35.23	18.08	7.98	6.59	80.0
13-3	022598	0650	0.6	23.5	36.93	18.40	8.00	6.47	79.7
13-3	022598	1305	0.2	20.8	33.19	20.79	8.19	9.38	119.4
13-3	022598	1306	0.6	21.3	34.15	20.05	8.17	9.03	113.3
13-3	022598	1306	0.9	21.7	34.34	19.67	8.17	8.86	110.7
13-4	022598	0703	0.2	19.5	31.15	18.29	8.11	7.58	90.9
13-4	022598	0703	0.8	19.5	31.20	18.36	8.11	7.37	88.6
13-4	022598	0704	1.3	20.3	31.23	18.62	8.10	7.29	87.0
13-4	022598	1241	0.2	20.5	32.71	19.22	8.08	7.62	93.6
13-4	022598	1241	1.0	20.9	33.25	19.16	8.09	7.73	95.3
13-4	022598	1242	2.1	21.0	33.42	19.15	8.10	7.80	95.9
13-5	022598	0712	0.2	18.2	29.32	18.24	8.18	7.84	93.1
13-5	022598	0712	0.9	19.1	30.65	18.61	8.12	7.49	90.2
13-5	022598	0713	1.6	20.4	32.58	18.94	8.10	7.33	89.5
13-5	022598	1221	0.2	19.0	30.49	19.16	8.08	7.29	88.6
13-5	022598	1222	1.0	19.0	30.55	19.11	8.04	7.25	88.4
13-5	022598	1222	1.8	19.1	30.61	19.03	8.04	7.24	88.0

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
14-1	022598	0719	0.2	17.2	27.82	18.48	8.28	8.33	98.9
14-1	022598	0719	1.0	18.0	29.12	18.73	8.18	7.90	95.0
14-1	022598	0720	1.8	21.2	33.65	19.21	8.07	6.75	83.2
14-1	022598	1206	0.2	18.2	29.35	19.51	8.28	9.03	110.1
14-1	022598	1207	1.0	18.6	29.93	19.11	8.21	8.86	107.5
14-1	022598	1208	1.7	20.2	32.32	19.03	8.12	7.66	93.2
14-2	022598	0728	0.2	16.3	26.58	17.90	8.36	8.37	97.7
14-2	022598	0728	0.7	16.5	26.81	18.28	8.36	8.45	99.4
14-2	022598	0729	1.1	17.6	28.47	19.32	8.24	7.71	93.8
14-2	022598	1150	0.2	15.6	25.52	19.00	8.43	9.50	112.9
14-2	022598	1151	0.7	16.2	26.37	18.96	8.44	9.81	116.9
14-2	022598	1151	1.1	17.0	27.54	19.26	8.41	9.72	117.1
14-3	022598	0738	0.2	15.4	25.31	18.15	8.36	8.33	97.2
14-3	022598	0738	0.8	16.2	26.35	18.85	8.33	8.15	96.9
14-3	022598	0739	1.3	16.4	26.72	18.84	8.31	8.03	95.7
14-3	022598	1132	0.2	15.5	25.37	19.94	8.42	9.49	114.8
14-3	022598	1133	0.9	15.7	25.66	19.07	8.41	9.13	108.9
14-3	022598	1133	1.5	15.8	25.81	18.90	8.39	8.86	105.3
14-4	022598	0747	0.2	14.0	22.98	16.55	8.35	8.45	94.5
14-4	022598	0748	0.4	14.4	23.62	17.25	8.37	8.48	96.7
14-4	022598	0748	0.6	14.8	24.34	17.73	8.37	8.50	98.1
14-4	022598	1112	0.2	15.1	24.65	18.50	8.44	9.25	108.8
14-4	022598	1113	0.5	15.1	24.68	18.48	8.44	9.39	110.2
14-4	022598	1114	0.7	15.1	24.67	18.49	8.44	9.41	110.5
14-5	022598	0806	0.2	15.5	25.25	17.64	8.41	8.64	99.8
14-5	022598	0806	0.5	15.5	25.26	17.65	8.40	8.64	99.8
14-5	022598	0807	0.7	15.5	25.26	17.66	8.40	8.69	100.1
14-5	022598	1051	0.2	15.6	25.51	18.48	8.47	9.59	112.8
14-5	022598	1052	0.5	15.6	25.55	18.47	8.47	9.57	112.9
14-5	022598	1052	0.8	15.7	25.55	18.47	8.48	9.55	112.9

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
16-1	022698	0604	0.2	18.7	30.12	18.38	8.00	7.32	87.6
16-1	022698	0605	0.4	19.6	31.30	18.94	8.07	6.98	84.8
16-1	022698	0606	0.6	21.3	33.88	19.42	8.00	5.84	72.5
16-1	022698	1343	0.2	18.7	30.08	21.28	8.35	9.69	122.6
16-1	022698	1345	0.5	18.7	30.07	21.23	8.35	9.76	123.6
16-1	022698	1346	0.8	18.8	30.19	21.06	8.34	9.62	121.1
16-2	022698	0629	0.2	17.9	28.93	18.09	7.93	5.81	68.7
16-2	022698	1321	0.2	22.9	36.10	19.88	8.14	7.63	96.1
16-2	022698	1321	0.6	22.7	35.92	19.89	8.14	7.63	96.2
16-2	022698	1322	0.9	23.4	36.84	19.88	8.14	7.65	96.9
16-3	022698	0638	0.2	18.5	29.69	18.45	8.08	6.89	82.4
16-3	022698	0639	0.9	18.5	29.83	18.32	8.03	6.64	79.3
16-3	022698	0639	1.5	19.2	30.81	18.33	8.04	6.65	79.7
16-3	022698	1300	0.2	23.5	37.08	19.56	8.11	7.15	90.2
16-3	022698	1300	1.0	24.6	41.73	19.37	8.09	7.14	89.1
16-3	022698	1300	1.8	31.1	47.72	19.01	8.07	6.91	89.9
16-4	022698	0645	0.2	21.0	33.46	18.55	8.10	7.10	86.3
16-4	022698	0646	0.4	21.6	34.33	18.63	8.10	7.01	85.7
16-4	022698	0646	0.6	21.6	34.55	18.65	8.10	6.96	85.1
16-4	022698	1244	0.2	33.6	51.03	19.05	8.11	7.22	95.8
16-4	022698	1244	0.8	33.9	51.51	18.97	8.11	7.26	95.7
16-4	022698	1245	1.4	33.9	51.48	18.96	8.11	7.29	96.7
16-5	022698	0656	0.2	25.4	39.87	18.48	8.06	6.44	80.4
16-5	022698	0657	0.8	25.6	40.02	18.49	8.05	6.39	79.8
16-5	022698	0657	1.4	26.1	40.59	18.41	8.04	6.33	79.1
16-5	022698	1223	0.2	33.9	51.42	18.93	8.08	7.21	95.5
16-5	022698	1224	1.0	34.0	51.65	18.86	8.09	7.22	96.5
16-5	022698	1225	1.8	34.2	51.90	18.79	8.10	7.29	96.6

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	022698	0735	0.2	11.3	18.90	18.80	7.76	6.32	72.5
LB-1	022698	0736	0.4	11.9	19.91	18.72	7.70	6.18	71.4
LB-1	022698	0738	0.5	11.3	18.73	18.85	7.67	5.90	68.2
LB-1	022698	1135	0.2	12.2	20.37	20.32	7.81	6.86	82.1
LB-1	022698	1135	0.5	12.3	20.54	20.23	7.79	6.76	80.7
LB-1	022698	1136	0.7	12.4	20.71	20.10	7.77	6.66	79.4
LB-2	022698	0749	0.2	12.0	20.04	19.03	7.78	6.07	70.4
LB-2	022698	0750	0.5	11.8	19.62	18.96	7.80	6.03	70.0
LB-2	022698	0750	0.7	11.6	0.978	18.95	7.77	5.97	69.2
LB-2	022698	1117	0.2	12.5	20.82	19.81	7.95	6.94	82.3
LB-2	022698	1119	0.5	12.5	20.83	19.83	7.90	6.75	80.4
LB-2	022698	1119	0.7	12.5	20.82	19.73	7.89	6.74	79.6
LB-3	022698	0803	0.2	13.5	22.32	19.18	8.27	8.55	101.1
LB-3	022698	0803	0.5	13.5	22.33	19.23	8.27	8.43	99.4
LB-3	022698	0804	0.7	13.6	22.40	19.28	8.27	8.24	97.3
LB-3	022698	1102	0.2	14.2	23.41	19.61	8.40	9.30	110.9
LB-3	022698	1102	0.6	14.2	23.44	19.59	8.39	9.31	111.1
LB-3	022698	1103	1.0	14.2	23.45	19.60	8.39	9.30	111.0
LB-4	022698	0814	0.2	16.2	26.44	18.41	8.56	9.38	110.7
LB-4	022698	0815	1.2	19.1	30.58	19.20	8.48	9.27	102.2
LB-4	022698	0816	0.7	16.4	26.66	18.54	8.55	9.32	110.2
LB-4	022698	1042	0.2	17.2	27.85	19.19	8.54	9.12	109.6
LB-4	022698	1043	0.7	17.2	27.90	19.19	8.54	9.01	108.8
LB-4	022698	1043	1.2	18.3	29.49	19.56	8.47	8.26	99.5
LB-5	022698	0827	0.2	19.2	30.72	18.16	8.47	8.21	98.0
LB-5	022698	0827	0.7	19.2	30.75	18.16	8.47	8.24	98.4
LB-5	022698	0828	1.2	19.3	30.96	18.20	8.46	8.20	98.2
LB-5	022698	1026	0.2	20.0	31.92	19.08	8.46	8.50	103.9
LB-5	022698	1028	0.7	21.7	34.51	19.43	8.35	7.29	90.0
LB-5	022698	1028	1.2	19.8	31.63	18.94	8.49	8.46	103.3

Sarasota Bay / Myakka River Status and Trends Monitoring

Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	022498	0705	27.35361	-82.57389	27.35339	-82.57372	2.5			
10-1	022498	1357	27.35361	-82.57389	27.35372	-82.57347	3.0	0.7	980179	1.72
10-2	022498	0652	27.34111	-82.56667	27.34136	-82.56594	2.1			
10-2	022498	1426	27.34111	-82.56667	27.34133	-82.56667	0.9	0.6	980175	1.92
10-3	022498	0625	27.33389	-82.58056	27.33392	-82.57939	3.1			
10-3	022498	1450	27.33389	-82.58056	27.33383	-82.57981	4.2	0.5	980178	1.86
10-4	022498	0817	27.31000	-82.56417	27.30967	-82.56408	4.8			
10-4	022498	1116	27.31000	-82.56417	27.31000	-82.56436	4.9	0.6	980181	1.73
10-5	022498	0805	27.30722	-82.55556	27.30775	-82.55583	1.5			
10-5	022498	1140	27.30722	-82.55556	27.30775	-82.55583	1.7	0.6	980167	1.64
11-1	022498	0717	27.36806	-82.56556	27.36789	-82.56600	2.7			
11-1	022498	1329	27.36806	-82.56556	27.36819	-82.56508	2.7	1.3	980177	1.09
11-2	022498	0728	27.34722	-82.55639	27.34733	-82.55642	2.7			
11-2	022498	1308	27.34722	-82.55639	27.34639	-82.55567	2.8	0.6	980180	1.69
11-3	022498	0739	27.33583	-82.55639	27.33589	-82.55614	1.5			
11-3	022498	1239	27.33583	-82.55639	27.33492	-82.55636	1.9	0.6	980185	1.84
11-4	022498	0750	27.32306	-82.54972	27.32261	-82.54917	1.0			
11-4	022498	1210	27.32306	-82.54972	27.32303	-82.54956	1.3	0.6	980176	1.77
11-5	022498	0834	27.31250	-82.54194	27.31353	-82.54208	2.1			
11-5	022498	1043	27.31250	-82.54194	27.31258	-82.54189	2.2	0.8	980186	1.73
ML-1	022498	0744	27.04028	-82.28778	27.04020	-82.28613	1.1			
ML-1	022498	1328	27.04028	-82.28778	27.04032	-82.28738	1.9	1.0	980196	3.16
ML-2	022498	0727	27.03111	-82.27389	27.03083	-82.27367	0.7			
ML-2	022498	1248	27.03111	-82.27389	27.03052	-82.27292	0.8	>B	980203	5.02
ML-3	022498	0721	27.03167	-82.27333	27.03102	-82.27293	1.0			
ML-3	022498	1217	27.03167	-82.27333	27.03075	-82.27320	0.8	>B	980200	3.68
ML-4	022498	0700	27.01556	-82.27222	27.01610	-82.27217	0.7			
ML-4	022498	1149	27.01556	-82.27222	27.01617	-82.27207	1.2	0.8	980197	3.10
ML-5	022498	0643	27.00472	-82.26306	27.00362	-82.25845	0.4			
ML-5	022498	1112	27.00472	-82.26306	27.00458	-82.25837	1.3	0.5	980205	3.32
MU-1	022498	0900	27.09250	-82.32861	27.09308	-82.32697	3.7			
MU-1	022498	1647	27.09250	-82.32861	27.09290	-82.32755	3.7	-9.0	980198	3.94
MU-2	022498	0847	27.08806	-82.32611	27.08663	-82.32522	3.2			
MU-2	022498	1624	27.08806	-82.32611	27.08782	-82.32825	2.0	-9.0	980206	3.35
MU-3	022498	0822	27.06694	-82.31278	27.06628	-82.31368	2.0			
MU-3	022498	1536	27.06694	-82.31278	27.06733	-82.31333	2.3	0.9	980202	3.44
MU-4	022498	0812	27.06056	-82.30889	27.06073	-82.30818	1.2			
MU-4	022498	1459	27.06056	-82.30889	27.06078	-82.30825	1.0	1.0	980204	3.42
MU-5	022498	0755	27.04583	-82.29417	27.04597	-82.29392	1.7			
MU-5	022498	1418	27.04583	-82.29417	27.04545	-82.29365	1.8	0.8	980201	3.44

Sarasota Bay / Myakka River Status and Trends Monitoring

Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
13-1	022598	0604	27.29444	-82.55083	27.29303	-82.54958	0.9			
13-1	022598	1351	27.29444	-82.55083	27.29403	-82.54981	1.6	1.3	980164	1.05
13-2	022598	0621	27.28417	-82.54722	27.28372	-82.54694	1.1			
13-2	022598	1329	27.28417	-82.54722	27.28450	-82.54661	1.5	1.0	980170	1.13
13-3	022598	0649	27.26222	-82.53667	27.26236	-82.53633	0.8			
13-3	022598	1305	27.26222	-82.53667	27.26256	-82.53717	1.1	1.0	980171	1.50
13-4	022598	0703	27.25500	-82.53361	27.25553	-82.53303	1.5			
13-4	022598	1241	27.25500	-82.53361	27.25550	-82.53272	2.3	1.0	980174	1.53
13-5	022598	0712	27.24806	-82.52472	27.24822	-82.52511	1.8			
13-5	022598	1221	27.24806	-82.52472	27.24756	-82.52489	2.0	1.1	980172	1.52
14-1	022598	0719	27.23556	-82.51528	27.23547	-82.51569	2.0			
14-1	022598	1206	27.23556	-82.51528	27.23581	-82.51528	1.9	0.9	980165	1.45
14-2	022598	0728	27.22556	-82.51472	27.22611	-82.51436	1.3			
14-2	022598	1150	27.22556	-82.51472	27.22647	-82.51492	1.3	0.8	980173	1.79
14-3	022598	0738	27.21639	-82.50444	27.21611	-82.50447	1.5			
14-3	022598	1132	27.21639	-82.50444	27.21625	-82.50400	1.7	0.6	980168	1.96
14-4	022598	0747	27.19417	-82.50194	27.19422	-82.50214	0.8			
14-4	022598	1112	27.19417	-82.50194	27.19453	-82.50181	0.9	0.8	980169	1.77
14-5	022598	0806	27.18583	-82.49917	27.18578	-82.49872	0.9			
14-5	022598	1051	27.18583	-82.49917	27.18558	-82.49875	1.0	0.8	980166	2.00
16-1	022698	0604	27.16917	-82.49139	27.16994	-82.49142	0.8			
16-1	022698	1343	27.16917	-82.49139	27.16978	-82.49136	1.0	>B	980194	1.81
16-2	022698	0629	27.16028	-82.48667	27.16056	-82.48567	0.4			
16-2	022698	1321	27.16028	-82.48667	27.16056	-82.48536	1.1	0.8	980190	1.48
16-3	022698	0638	27.15250	-82.48167	27.15289	-82.48111	1.7			
16-3	022698	1300	27.15250	-82.48167	27.15297	-82.48083	2.0	0.9	980191	1.47
16-4	022698	0645	27.14389	-82.47167	27.14369	-82.47158	0.8			
16-4	022698	1244	27.14389	-82.47167	27.14425	-82.47175	1.6	1.1	980187	0.94
16-5	022698	0656	27.13333	-82.46917	27.13361	-82.46914	1.6			
16-5	022698	1223	27.13333	-82.46917	27.13356	-82.46900	2.0	1.1	980183	1.06
LB-1	022698	0735	27.04333	-82.43417	27.04536	-82.43367	0.7			
LB-1	022698	1135	27.04333	-82.43417	27.04517	-82.43333	0.9	>B	980195	2.55
LB-2	022698	0749	27.02389	-82.41972	27.02406	-82.42000	0.9			
LB-2	022698	1117	27.02389	-82.41972	27.02422	-82.41908	0.9	>B	980182	2.27
LB-3	022698	0803	26.99167	-82.39833	26.99186	-82.39833	0.9			
LB-3	022698	1102	26.99167	-82.39833	26.99142	-82.39769	1.2	0.9	980189	1.98
LB-4	022698	0814	26.96972	-82.38611	26.97047	-82.38569	1.4			
LB-4	022698	1042	26.96972	-82.38611	26.96917	-82.38622	1.4	1.1	980192	1.46
LB-5	022698	0827	26.96083	-82.37444	26.96089	-82.37394	1.4			
LB-5	022698	1026	26.96083	-82.37444	26.96142	-82.37375	1.4	>B	980188	1.46

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	1.0M	1350	980179	2/24/1998	U0.005	0.005	U0.005	0.26	0.26	0.011	0.10	1.8	24	16	18	8.11	6.5	5.5	32.3
10-2	MID	1420	980175	2/24/1998	U0.005	U0.005	0.005	0.30	0.31	0.011	0.10	1.3	30	22	20	8.14	6.3	4.7	32.7
10-3	1.0M	1440	980178	2/24/1998	U0.005	0.005	U0.005	0.29	0.29	0.012	0.10	1.4	29	23	20	8.14	6.2	3.8	33.1
10-3 REP	1.0M	1450	980184	2/24/1998	U0.005	U0.005	U0.005	0.30	0.30	0.017	0.10	1.6	27	22	20	8.17	5.9	4.4	NA
10-4	1.0M	1115	980181	2/24/1998	0.014	0.006	U0.005	0.24	0.24	0.013	0.10	1.2	24	15	15	8.13	6.1	5.0	32.7
10-5	MID	1140	980167	2/24/1998	U0.005	0.005	U0.005	0.39	0.39	0.013	0.19	1.4	22	17	15	8.12	8.3	5.6	32.8
11-1	1.0M	1325	980177	2/24/1998	U0.005	U0.005	U0.005	0.30	0.30	0.010	0.10	1.4	15	5.8	15	8.17	4.1	4.3	30.9
11-2	1.0M	1300	980180	2/24/1998	U0.005	0.005	U0.005	0.30	0.30	0.011	0.11	1.9	23	15	20	8.16	7.1	6.8	30.8
11-3	MID	1235	980185	2/24/1998	U0.005	0.005	U0.005	0.35	0.35	0.016	0.21	1.9	24	17	15	8.16	8.5	7.0	31.2
11-4	MID	1205	980176	2/24/1998	U0.005	0.006	U0.005	0.32	0.32	0.012	0.11	1.9	30	15	20	8.17	7.3	7.3	31.3
11-5	1.0M	1040	980186	2/24/1998	U0.005	0.006	0.006	0.32	0.33	0.018	0.14	1.6	22	13	25	8.12	9.8	9.6	28.9
13-1	MID	1345	980164	2/25/1998	U0.005	0.006	0.005	0.33	0.34	0.027	0.11	2.1	7	4.3	26	8.17	6.0	7.6	26.2
13-1 REP	MID	1357	980163	2/25/1998	U0.005	0.006	U0.005	0.32	0.32	0.027	0.12	2.1	7	4.0	29	8.14	5.6	7.0	NA
13-2	MID	1322	980170	2/25/1998	U0.005	0.006	U0.005	0.45	0.45	0.031	0.14	2.6	11	4.3	40	8.20	7.9	10.0	22.9
13-3	MID	1255	980171	2/25/1998	U0.005	0.008	0.009	0.50	0.51	0.049	0.17	2.5	11	5.5	47	8.09	12.2	10.0	20.8
13-4	1.0M	1236	980174	2/25/1998	U0.005	0.029	0.029	0.59	0.62	0.052	0.17	1.5	11	5.8	46	8.03	9.9	9.1	20.5
13-5	1.0M	1215	980172	2/25/1998	0.006	0.034	0.033	0.52	0.55	0.056	0.17	1.8	11	6.2	48	8.02	10.2	9.5	19.0
14-1	MID	1200	980165	2/25/1998	U0.005	0.006	0.005	0.52	0.53	0.031	0.17	3.1	9	4.8	47	8.20	7.8	13.4	18.2
14-2	MID	1143	980173	2/25/1998	U0.005	0.006	U0.005	0.58	0.58	0.016	0.15	2.8	12	5.7	60	8.31	3.3	14.5	15.6
14-3	MID	1124	980168	2/25/1998	U0.005	0.006	U0.005	0.59	0.59	0.014	0.16	2.8	12	6.9	60	8.30	6.2	15.4	15.5
14-4	MID	1105	980169	2/25/1998	U0.005	0.007	U0.005	0.64	0.64	0.014	0.15	3.9	11	6.1	65	8.28	5.9	16.2	15.1
14-5	MID	1045	980166	2/25/1998	U0.005	0.005	U0.005	0.68	0.68	0.013	0.17	3.6	11	6.0	60	8.29	5.2	15.7	15.6

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	MID	1340	980194	2/26/1998	0.006	U0.005	U0.005	0.58	0.58	0.033	0.11	2.6	10	5.5	60	8.29	6.7	9.5	18.7
16-2	MID	1318	980190	2/26/1998	0.006	U0.005	U0.005	0.45	0.45	0.034	0.09	1.6	12	7.8	55	8.11	8.2	6.3	22.9
16-3	1.0M	1257	980191	2/26/1998	0.007	U0.005	0.005	0.43	0.44	0.034	0.08	1.4	8	7.1	50	8.08	5.6	4.4	23.5
16-4	MID	1235	980187	2/26/1998	U0.005	0.007	0.007	0.23	0.24	0.020	U0.05	0.7	11	9.8	13	8.07	5.5	2.2	33.6
16-5	1.0M	1220	980183	2/26/1998	U0.005	0.008	0.007	0.23	0.24	0.018	U0.05	1.0	17	10	9	8.07	4.2	2.3	33.9
LB-1	MID	1133	980195	2/26/1998	0.091	0.054	0.056	0.70	0.76	0.145	0.27	1.8	11	5.3	47	7.86	5.9	3.7	12.2
LB-2	MID	1115	980182	2/26/1998	0.071	0.049	0.042	0.65	0.69	0.131	0.22	1.6	6	3.0	95	7.90	7.7	2.4	12.5
LB-3	MID	1100	980189	2/26/1998	0.009	0.005	U0.005	0.69	0.69	0.071	0.20	3.3	10	3.8	90	8.27	10.0	14.0	14.2
LB-4	MID	1045	980192	2/26/1998	0.007	U0.005	U0.005	0.63	0.63	0.016	0.15	4.4	9	3.4	65	8.44	4.7	10.3	17.2
LB-5	MID	1010	980188	2/26/1998	0.011	0.008	U0.005	0.59	0.59	0.012	0.10	3.7	8	3.3	55	8.42	4.2	6.5	20.0
LB-5 REP	MID	1020	980193	2/26/1998	0.007	U0.005	U0.005	0.59	0.59	0.012	0.11	3.6	9	3.6	60	8.40	4.9	6.2	NA
ML-1	MID	1318	980196	2/24/1998	0.015	0.045	0.044	0.58	0.62	0.242	0.31	1.4	2	1.5	180	6.85	1.1	1.0	0.05
ML-1 REP	MID	1340	980199	2/24/1998	0.010	0.046	0.045	0.61	0.66	0.260	0.32	1.6	2	1.7	180	6.93	1.4	0.9	NA
ML-2	MID	1235	980203	2/24/1998	0.021	0.037	0.036	0.66	0.70	0.242	0.30	1.5	3	1.9	160	6.90	1.1	1.5	0.19
ML-3	MID	1204	980200	2/24/1998	0.026	0.039	0.037	0.65	0.69	0.245	0.31	1.3	2	2.2	160	6.98	1.0	1.7	0.22
ML-4	MID	1126	980197	2/24/1998	0.024	0.039	0.040	0.65	0.69	0.242	0.30	1.4	3	1.8	160	6.89	1.4	1.3	0.13
ML-5	MID	1045	980205	2/24/1998	0.040	0.043	0.039	0.61	0.65	0.245	0.30	1.3	3	2.1	180	7.03	1.1	1.2	0.13
MU-1	1.0M	1638	980198	2/24/1998	0.015	0.049	0.052	0.59	0.64	0.283	0.34	1.4	U2	1.5	180	6.79	1.2	U0.5	0.04
MU-2	1.0M	1613	980206	2/24/1998	0.020	0.050	0.048	0.60	0.65	0.276	0.33	1.3	U2	1.3	180	6.84	1.1	0.9	0.04
MU-3	1.0M	1523	980202	2/24/1998	0.017	0.046	0.045	0.64	0.69	0.280	0.34	1.4	U2	1.4	140	6.85	1.2	0.6	0.05
MU-4	MID	1451	980204	2/24/1998	0.014	0.043	0.040	0.60	0.64	0.261	0.30	1.4	U2	1.2	160	7.03	1.2	0.6	0.06
MU-5	MID	1405	980201	2/24/1998	0.015	0.045	0.042	0.62	0.66	0.258	0.31	1.6	U2	1.6	170	7.16	1.4	1.5	0.05
EQP BLK		1640	980208	2/24/1998	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.1	U2	U0.05	U1	5.92	U0.5	U0.5	NA
EQP BLK		0845	980207	2/24/1998	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.1	U2	U0.05	U1	6.07	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rain Intensity		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)	
			Begin (EST)	End (EST)	Min	Max	Min	Max					
022498	AM	10	0625	0817	0		0		19	310 - 320	25 - 30	1.0 -	3.0
022498	PM	10	1116	1450	0		0		16	310 - 350	15 - 25	1.0 -	2.0
022498	AM	11	0717	0834	0		0		19	310 - 315	25 - 30	1.0 -	3.0
022498	PM	11	1043	1329	0		0		16	310 - 310	25 - 25	1.0 -	3.0
022498	AM	ML	0643	0744	0		0		15	-	<5	<0.5	
022498	PM	ML	1112	1328	0		0		23	340 - 340	<5 - 10	<0.5	
022498	AM	MU	0755	0847	0		0		17	-	<5	<0.5	
022498	PM	MU	1418	1647	0		0		23	000 - 000	<5 - 10	<0.5	
022598	AM	13	0604	0712	0		0		17	-	<5	<0.5	
022598	PM	13	1221	1351	0		0		19	90 - 90	<5 - 5	<0.5 -	0.5
022598	AM	14	0719	0806	0		0		17	-	<5	<0.5	
022598	PM	14	1051	1206	0		0		19	90 - 90	5 - 5	<0.5 -	0.5
022698	AM	16	0604	0656	0		0	- 60	18	-	<5	<0.5	
022698	PM	16	1223	1343	0		0		20	140 - 140	10 - 15	<0.5 -	0.5
022698	AM	LB	0735	0827	0		0	- 20	18	90 - 120	<5 - 15	<0.5 -	0.5
022698	PM	LB	1026	1135	0		0	- 5	20	140 - 140	10 - 15	<0.5 -	0.5

Hydrolab DS3 Continuous Deployment at Station 11-5
February 24-25, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
11-5	022498	0930	17.97	8.12	45.6	29.6	81.6	6.44
11-5	022498	0945	18.01	8.14	45.2	29.3	82.1	6.49
11-5	022498	1000	18.05	8.15	44.9	29.1	82.9	6.55
11-5	022498	1015	18.07	8.17	44.4	28.7	82.0	6.49
11-5	022498	1030	18.16	8.14	45.3	29.4	78.8	6.20
11-5	022498	1045	18.28	8.15	45.8	29.8	81.5	6.38
11-5	022498	1100	18.35	8.17	45.9	29.8	84.3	6.60
11-5	022498	1115	18.40	8.17	45.9	29.8	83.6	6.53
11-5	022498	1130	18.35	8.17	45.9	29.8	83.7	6.55
11-5	022498	1145	18.47	8.18	45.9	29.8	83.5	6.52
11-5	022498	1200	18.43	8.18	46.0	29.9	83.5	6.52
11-5	022498	1215	18.62	8.20	45.8	29.8	85.4	6.64
11-5	022498	1230	18.56	8.20	45.8	29.7	89.9	7.01
11-5	022498	1245	18.76	8.21	45.8	29.8	88.3	6.85
11-5	022498	1300	18.83	8.22	45.8	29.7	86.9	6.74
11-5	022498	1315	18.89	8.22	45.7	29.7	86.0	6.66
11-5	022498	1330	18.86	8.24	45.4	29.4	90.4	7.01
11-5	022498	1345	18.97	8.23	45.7	29.7	87.4	6.76
11-5	022498	1400	19.03	8.23	45.8	29.8	85.6	6.61
11-5	022498	1415	19.08	8.23	46.0	29.9	87.0	6.70
11-5	022498	1430	19.14	8.23	46.1	30.0	87.2	6.71
11-5	022498	1445	19.17	8.23	46.1	30.0	84.0	6.46
11-5	022498	1500	19.17	8.23	46.0	29.9	85.5	6.58
11-5	022498	1515	19.16	8.23	45.9	29.8	86.0	6.62
11-5	022498	1530	19.17	8.23	45.8	29.8	85.0	6.54
11-5	022498	1545	19.18	8.23	45.8	29.8	86.8	6.68
11-5	022498	1600	19.22	8.24	45.9	29.8	87.0	6.69
11-5	022498	1615	19.24	8.24	45.8	29.8	85.8	6.60
11-5	022498	1630	19.24	8.24	45.8	29.8	83.4	6.41
11-5	022498	1645	19.24	8.24	45.7	29.7	84.9	6.54
11-5	022498	1700	19.25	8.24	45.7	29.7	81.3	6.26
11-5	022498	1715	19.24	8.23	45.6	29.6	79.1	6.08
11-5	022498	1730	19.24	8.24	45.6	29.6	81.6	6.28

Hydrolab DS3 Continuous Deployment at Station 11-5
February 24-25, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
11-5	022498	1745	19.24	8.25	45.6	29.6	81.3	6.26
11-5	022498	1800	19.22	8.24	45.5	29.5	82.7	6.37
11-5	022498	1815	19.15	8.25	45.5	29.5	79.2	6.11
11-5	022498	1830	19.18	8.26	45.4	29.4	77.9	6.01
11-5	022498	1845	19.11	8.27	45.4	29.4	89.2	6.89
11-5	022498	1900	19.17	8.27	45.4	29.4	82.5	6.36
11-5	022498	1915	19.25	8.18	46.1	29.9	73.9	5.67
11-5	022498	1930	19.28	8.26	46.4	30.2	86.6	6.64
11-5	022498	1945	19.22	8.26	46.4	30.2	79.7	6.11
11-5	022498	2000	19.20	8.26	46.4	30.2	80.3	6.16
11-5	022498	2015	19.17	8.25	46.5	30.2	79.0	6.06
11-5	022498	2030	19.19	8.24	46.6	30.3	77.5	5.95
11-5	022498	2045	19.17	8.22	46.8	30.5	77.2	5.92
11-5	022498	2100	19.06	8.22	47.2	30.7	77.5	5.94
11-5	022498	2115	18.84	8.22	47.6	31.1	80.6	6.20
11-5	022498	2130	18.79	8.20	48.5	31.7	77.4	5.93
11-5	022498	2145	18.70	8.20	49.0	32.1	79.1	6.06
11-5	022498	2200	18.60	8.19	49.2	32.2	80.8	6.20
11-5	022498	2215	18.54	8.18	49.3	32.3	79.0	6.07
11-5	022498	2230	18.50	8.18	49.4	32.4	79.9	6.13
11-5	022498	2245	18.41	8.17	49.8	32.7	72.8	5.59
11-5	022498	2300	18.33	8.17	49.9	32.7	74.8	5.75
11-5	022498	2315	18.28	8.16	49.9	32.7	72.9	5.61
11-5	022498	2330	18.24	8.16	49.9	32.7	73.9	5.69
11-5	022498	2345	18.26	8.16	49.8	32.7	74.7	5.75
11-5	022598	0000	18.24	8.16	49.8	32.7	67.9	5.23
11-5	022598	0015	18.21	8.16	49.9	32.7	67.8	5.23
11-5	022598	0030	18.18	8.16	50.0	32.8	70.6	5.44
11-5	022598	0045	18.18	8.15	49.9	32.8	68.3	5.27
11-5	022598	0100	18.16	8.15	49.9	32.8	75.6	5.83
11-5	022598	0115	18.19	8.15	49.9	32.7	72.2	5.57
11-5	022598	0130	18.21	8.15	49.9	32.7	73.0	5.63
11-5	022598	0145	18.19	8.15	49.9	32.7	72.0	5.55
11-5	022598	0200	18.21	8.14	49.8	32.7	66.9	5.15

Hydrolab DS3 Continuous Deployment at Station 11-5
February 24-25, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
11-5	022598	0215	18.18	8.14	49.9	32.7	67.5	5.20
11-5	022598	0230	18.18	8.14	50.0	32.8	61.2	4.72
11-5	022598	0245	18.16	8.14	50.0	32.8	58.8	4.53
11-5	022598	0300	18.19	8.13	50.0	32.8	54.0	4.16
11-5	022598	0315	18.21	8.13	50.0	32.8	53.7	4.13
11-5	022598	0330	18.24	8.13	49.9	32.7	54.2	4.18
11-5	022598	0345	18.28	8.13	49.8	32.7	51.9	4.00
11-5	022598	0400	18.31	8.12	49.8	32.7	53.6	4.12
11-5	022598	0415	18.31	8.13	49.8	32.7	51.4	3.96
11-5	022598	0430	18.31	8.12	49.8	32.7	60.8	4.67
11-5	022598	0445	18.31	8.12	49.8	32.7	54.8	4.22
11-5	022598	0500	18.31	8.12	49.8	32.7	54.3	4.18
11-5	022598	0515	18.31	8.12	49.8	32.7	60.1	4.63
11-5	022598	0530	18.33	8.11	49.8	32.7	60.0	4.62
11-5	022598	0545	18.31	8.11	49.8	32.7	61.4	4.72
11-5	022598	0600	18.29	8.10	49.8	32.7	57.5	4.42
11-5	022598	0615	18.31	8.10	49.8	32.7	51.9	3.99
11-5	022598	0630	18.31	8.10	49.8	32.7	59.2	4.55
11-5	022598	0645	18.33	8.10	49.8	32.7	51.2	3.94
11-5	022598	0700	18.33	8.11	49.7	32.6	51.0	3.92
11-5	022598	0715	18.36	8.11	49.6	32.6	58.7	4.51
11-5	022598	0730	18.36	8.12	49.6	32.6	52.3	4.02
11-5	022598	0745	18.38	8.11	49.6	32.5	50.6	3.89
11-5	022598	0800	18.38	8.11	49.6	32.5	48.5	3.73
11-5	022598	0815	18.40	8.10	49.6	32.5	58.5	4.50
11-5	022598	0830	18.40	8.10	49.5	32.5	53.7	4.13
11-5	022598	0845	18.41	8.09	49.4	32.4	56.1	4.31
11-5	022598	0900	18.41	8.10	49.4	32.4	60.2	4.63
11-5	022598	0915	18.41	8.10	49.4	32.4	60.2	4.63

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
10-1	031698	0613	0.2	31.8	48.55	16.28	8.19	8.11	100.6
10-1	031698	0613	1.0	31.8	48.54	16.29	8.19	8.21	101.6
10-1	031698	0614	3.2	33.5	50.57	17.26	8.13	7.36	94.2
10-1	031698	1310	0.2	32.5	49.48	17.90	8.15	7.71	99.3
10-1	031698	1311	1.0	32.5	49.51	17.88	8.15	7.92	102.1
10-1	031698	1312	3.5	32.6	49.67	17.82	8.15	8.04	103.4
10-2	031698	0636	0.2	32.4	49.32	16.59	8.17	7.65	95.5
10-2	031698	0636	0.6	32.4	49.35	16.60	8.17	7.62	95.2
10-2	031698	0636	1.0	32.4	49.31	16.58	8.17	7.63	95.7
10-2	031698	1204	0.2	32.1	49.03	18.06	8.14	7.75	100.4
10-2	031698	1204	0.7	32.1	49.02	18.06	8.14	7.78	100.1
10-2	031698	1205	1.2	32.2	49.10	18.06	8.14	7.82	100.8
10-3	031698	0543	0.2	32.8	49.84	16.62	8.08	7.66	96.2
10-3	031698	0544	1.0	32.7	49.77	16.58	8.10	7.81	98.4
10-3	031698	0548	5.3	32.8	50.00	16.70	8.14	7.74	97.4
10-3	031698	1406	0.2	33.4	50.81	18.40	8.12	7.55	98.7
10-3	031698	1407	1.0	33.6	50.97	18.01	8.12	7.66	98.8
10-3	031698	1408	6.4	33.7	51.08	18.01	8.15	7.70	100.0
10-4	031698	0646	0.2	32.3	49.14	16.90	8.14	7.16	89.7
10-4	031698	0647	0.8	32.3	49.15	16.90	8.14	7.11	89.4
10-4	031698	0647	1.4	32.3	49.16	16.89	8.12	7.01	87.6
10-4	031698	1144	0.2	32.5	49.48	17.62	8.11	7.39	94.6
10-4	031698	1145	1.0	32.5	49.53	17.59	8.10	7.45	95.1
10-4	031698	1146	4.2	32.8	49.87	17.45	8.12	7.49	94.9
10-5	031698	0734	0.2	30.6	46.96	16.91	8.09	7.13	89.0
10-5	031698	0734	0.8	30.7	47.00	16.93	8.09	7.20	89.5
10-5	031698	0735	1.4	30.8	47.11	16.96	8.09	7.27	90.6
10-5	031698	1052	0.2	31.5	48.13	17.65	8.08	7.53	95.8
10-5	031698	1052	0.8	31.5	48.17	17.65	8.09	7.63	97.2
10-5	031698	1053	1.4	31.6	48.26	17.64	8.10	7.60	96.8

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
11-1	031698	0620	0.2	31.7	48.34	16.41	8.18	8.01	99.5
11-1	031698	0621	1.0	31.7	48.32	16.43	8.18	8.12	101.1
11-1	031698	0622	3.3	32.0	48.76	16.56	8.17	8.00	100.0
11-1	031698	1247	0.2	31.7	48.43	17.44	8.15	7.89	100.1
11-1	031698	1247	1.0	31.7	48.46	17.39	8.15	7.97	101.2
11-1	031698	1248	3.5	31.8	48.62	17.32	8.16	8.06	102.1
11-2	031698	0604	0.2	32.1	49.03	16.73	8.13	7.62	95.3
11-2	031698	0605	1.0	32.2	49.02	16.77	8.13	7.75	97.0
11-2	031698	0606	2.9	33.0	50.01	17.15	8.12	7.50	95.4
11-2	031698	1334	0.2	31.9	48.72	17.79	8.13	7.70	98.5
11-2	031698	1335	1.0	31.9	48.71	17.79	8.13	7.79	100.0
11-2	031698	1336	3.3	32.6	49.77	17.76	8.14	8.05	103.4
11-3	031698	0629	0.2	31.8	48.46	16.63	8.14	7.79	97.4
11-3	031698	0630	1.0	31.8	48.56	16.69	8.14	7.92	98.8
11-3	031698	0630	2.6	32.5	49.43	16.94	8.15	7.40	93.4
11-3	031698	1221	0.2	31.8	48.60	17.48	8.12	7.59	96.3
11-3	031698	1222	1.0	31.9	48.63	17.48	8.12	7.65	97.3
11-3	031698	1223	3.1	31.9	48.73	17.51	8.13	7.67	97.8
11-4	031698	0714	0.2	31.6	48.27	16.76	8.13	7.42	93.0
11-4	031698	0714	1.0	31.6	48.29	16.79	8.13	7.43	92.9
11-4	031698	0715	3.3	31.7	48.38	16.84	8.13	7.44	93.3
11-4	031698	1125	0.2	31.2	47.78	17.69	8.09	7.69	97.8
11-4	031698	1126	1.0	31.3	47.84	17.71	8.10	7.80	99.2
11-4	031698	1127	2.1	31.3	47.82	17.70	8.10	7.77	98.2
11-5	031698	0723	0.2	31.4	47.93	16.95	8.10	7.15	89.6
11-5	031698	0724	1.0	31.6	48.30	17.05	8.10	7.11	89.5
11-5	031698	0725	2.4	33.0	50.20	17.16	8.10	6.72	85.5
11-5	031698	1108	0.2	32.4	49.38	17.52	8.10	7.51	96.1
11-5	031698	1109	1.0	32.4	49.41	17.54	8.10	7.62	97.4
11-5	031698	1110	2.7	32.5	49.54	17.49	8.11	7.58	96.9

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
16-1	031698	0536	0.2	25.1	39.05	16.93	7.91	7.47	90.1
16-1	031698	0537	0.5	25.7	40.16	17.25	7.92	7.30	89.1
16-1	031698	0538	0.8	25.7	40.16	17.18	7.93	7.26	88.3
16-1	031698	1358	0.2	26.4	40.78	20.66	8.07	8.01	105.5
16-1	031698	1359	0.6	26.5	41.26	20.68	8.06	8.18	107.3
16-1	031698	1359	1.0	29.9	45.79	19.30	8.00	7.51	97.7
16-2	031698	0557	0.2	26.4	41.13	17.06	7.94	6.96	84.9
16-2	031698	0558	0.7	26.5	41.25	17.17	7.94	6.96	85.0
16-2	031698	0559	1.2	27.1	42.11	17.38	7.95	6.85	84.4
16-2	031698	1335	0.2	29.8	45.87	19.20	8.01	7.25	94.2
16-2	031698	1335	0.9	29.8	45.90	19.18	8.01	7.34	95.0
16-2	031698	1336	1.5	31.2	47.76	18.99	8.02	7.48	97.8
16-3	031698	0610	0.2	28.9	44.50	17.39	7.98	7.03	87.6
16-3	031698	0611	0.6	29.0	44.68	17.44	7.97	7.03	87.3
16-3	031698	0612	1.0	28.9	44.57	17.37	7.98	7.07	87.6
16-3	031698	1314	0.2	30.1	46.25	19.66	8.06	7.87	103.5
16-3	031698	1314	0.8	30.3	46.54	19.47	8.04	7.86	103.1
16-3	031698	1315	1.4	32.8	49.92	18.71	8.05	7.68	100.7
16-4	031698	0624	0.2	29.1	44.88	17.17	7.98	6.92	85.9
16-4	031698	0625	1.0	29.7	45.75	17.33	7.98	7.05	88.2
16-4	031698	0626	1.9	32.4	49.42	17.66	8.00	6.88	88.1
16-4	031698	1254	0.2	34.0	51.59	18.44	8.07	7.46	97.9
16-4	031698	1255	1.0	34.1	51.69	18.36	8.07	7.42	97.3
16-4	031698	1255	3.4	34.2	51.78	18.30	8.07	7.43	97.4
16-5	031698	0635	0.2	30.5	46.66	17.38	8.00	6.84	86.1
16-5	031698	0636	1.0	31.5	48.12	17.46	8.00	6.81	86.3
16-5	031698	0637	2.6	32.8	49.86	17.77	8.02	6.86	88.3
16-5	031698	1235	0.2	34.0	51.60	18.27	8.06	7.40	96.8
16-5	031698	1236	1.0	34.1	51.70	18.28	8.06	7.43	97.3
16-5	031698	1237	1.9	34.1	51.71	18.31	8.07	7.51	98.1

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	031698	0725	0.2	25.2	39.34	18.05	7.86	7.01	86.4
LB-1	031698	0726	0.9	25.2	39.35	17.94	7.84	6.99	85.9
LB-1	031698	0727	1.5	25.2	39.33	17.92	7.84	6.91	85.1
LB-1	031698	1138	0.2	25.1	39.20	19.36	7.87	7.50	94.6
LB-1	031698	1139	0.7	25.1	39.21	19.35	7.87	7.56	95.7
LB-1	031698	1139	1.1	25.1	39.22	19.25	7.86	7.49	94.7
LB-2	031698	0738	0.2	23.2	36.55	17.13	7.90	7.04	83.8
LB-2	031698	0738	0.9	23.2	36.55	17.13	7.89	7.01	84.0
LB-2	031698	0739	1.6	23.2	36.54	17.12	7.89	6.95	83.2
LB-2	031698	1120	0.2	23.0	36.27	18.79	7.97	7.94	98.1
LB-2	031698	1120	0.7	23.0	36.28	18.78	7.96	7.89	97.5
LB-2	031698	1121	1.1	23.0	36.29	18.74	7.96	7.87	97.1
LB-3	031698	0746	0.2	22.1	34.97	17.58	8.05	7.50	89.6
LB-3	031698	0746	1.0	22.1	34.99	17.62	8.05	7.53	90.5
LB-3	031698	0747	3.3	24.1	37.86	17.84	8.17	8.10	98.1
LB-3	031698	1102	0.2	22.1	34.97	18.28	8.07	7.66	93.3
LB-3	031698	1102	0.9	22.1	35.00	18.27	8.06	7.67	93.4
LB-3	031698	1103	1.5	22.1	35.00	18.27	8.07	7.72	93.9
LB-4	031698	0756	0.2	21.8	34.57	16.91	8.18	8.12	95.9
LB-4	031698	0757	0.4	21.8	34.58	16.92	8.18	8.11	95.9
LB-4	031698	0757	0.6	21.8	34.60	16.92	8.18	8.09	95.7
LB-4	031698	1044	0.2	21.7	34.36	17.95	8.28	8.86	106.8
LB-4	031698	1045	0.7	21.7	34.39	17.95	8.27	8.87	106.8
LB-4	031698	1045	1.1	21.7	34.41	17.99	8.27	8.89	107.3
LB-5	031698	0818	0.2	24.3	38.13	16.76	8.23	8.21	98.2
LB-5	031698	0819	0.7	24.8	38.68	17.05	8.18	7.93	94.6
LB-5	031698	0819	1.1	24.7	38.72	17.04	8.19	7.70	93.0
LB-5	031698	1018	0.2	25.2	39.42	17.30	8.17	7.88	95.8
LB-5	031698	1018	0.8	25.2	39.46	17.29	8.18	7.90	95.9
LB-5	031698	1019	1.3	25.2	39.42	17.34	8.18	7.80	95.3

Sarasota Bay / Myakka River Status and Trends Monitoring Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
13-1	031798	0522	0.2	29.1	44.89	18.19	7.93	7.14	90.6
13-1	031798	0524	0.7	30.8	47.16	18.46	7.97	7.06	91.2
13-1	031798	0524	1.2	31.6	48.24	18.51	7.95	6.61	85.4
13-1	031798	1356	0.2	29.6	45.68	19.99	8.01	7.27	95.9
13-1	031798	1357	0.8	32.1	49.13	19.12	8.04	7.23	95.4
13-1	031798	1358	1.4	32.4	49.38	18.98	8.05	7.34	96.5
13-2	031798	0537	0.2	25.9	40.41	18.02	7.93	7.10	88.2
13-2	031798	0537	0.6	25.9	40.45	18.03	7.94	7.14	88.5
13-2	031798	0537	1.0	26.1	40.72	18.07	7.94	7.05	88.3
13-2	031798	1338	0.2	26.0	40.55	20.14	7.97	7.38	95.2
13-2	031798	1339	0.7	26.6	41.12	20.09	8.00	7.68	100.3
13-2	031798	1340	1.2	27.9	43.26	19.62	8.06	8.43	109.3
13-3	031798	0559	0.2	26.7	41.54	18.53	7.94	6.75	85.0
13-3	031798	0559	0.9	26.7	41.56	18.53	7.94	6.78	85.3
13-3	031798	0600	1.5	26.8	41.59	18.54	7.95	6.86	86.1
13-3	031798	1311	0.2	28.0	43.19	19.91	7.99	7.34	95.9
13-3	031798	1311	1.0	28.2	43.63	19.86	7.99	7.35	95.8
13-3	031798	1312	1.7	28.3	43.76	19.83	7.99	7.36	96.1
13-4	031798	0612	0.2	25.2	39.33	18.21	7.92	6.71	83.0
13-4	031798	0612	0.8	25.3	39.56	18.26	7.93	6.68	82.9
13-4	031798	0613	1.4	25.4	39.62	18.27	7.93	6.70	83.1
13-4	031798	1251	0.2	24.5	38.45	19.30	7.95	7.15	90.2
13-4	031798	1252	1.0	24.6	38.63	19.20	7.95	7.15	90.9
13-4	031798	1252	1.7	24.8	38.95	19.16	7.94	7.20	90.7
13-5	031798	0626	0.2	23.4	36.89	18.17	8.01	7.33	89.5
13-5	031798	0626	1.0	23.9	37.99	18.32	7.99	7.22	89.0
13-5	031798	0627	1.8	24.9	39.04	18.55	7.94	6.63	82.5
13-5	031798	1227	0.2	23.4	36.89	18.96	8.05	7.70	95.9
13-5	031798	1228	1.0	23.4	36.92	18.93	8.05	7.81	97.2
13-5	031798	1228	1.8	23.4	36.94	18.87	8.05	7.90	98.4

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
14-1	031798	0635	0.2	22.5	35.52	18.05	8.08	7.37	89.7
14-1	031798	0636	1.0	22.5	35.51	18.06	8.08	7.38	89.8
14-1	031798	0636	1.7	22.5	35.50	18.06	8.08	7.46	89.9
14-1	031798	1211	0.2	22.2	35.19	18.98	8.13	7.82	96.9
14-1	031798	1212	1.0	22.2	35.20	18.97	8.12	7.85	97.0
14-1	031798	1212	1.7	22.2	35.16	18.93	8.13	7.96	98.4
14-2	031798	0652	0.2	22.2	35.09	17.90	8.03	5.93	71.6
14-2	031798	0652	0.4	22.2	35.08	17.90	8.02	5.89	71.2
14-2	031798	0653	0.6	22.2	35.09	17.88	8.02	5.89	71.1
14-2	031798	1147	0.2	22.2	35.20	19.77	8.19	8.42	105.4
14-2	031798	1148	0.9	22.2	35.16	19.82	8.20	8.41	105.3
14-2	031798	1149	1.6	22.2	35.15	19.82	8.19	8.52	106.4
14-3	031798	0709	0.2	23.1	36.38	17.07	8.02	6.00	71.7
14-3	031798	0710	0.5	23.1	36.37	17.10	8.02	6.01	72.0
14-3	031798	0710	0.8	23.1	36.37	17.08	8.02	5.97	71.2
14-3	031798	1125	0.2	23.1	36.50	18.84	8.14	7.75	95.9
14-3	031798	1126	0.6	23.1	36.49	18.83	8.14	7.85	97.3
14-3	031798	1126	0.9	23.1	36.47	18.81	8.14	7.87	97.5
14-4	031798	0720	0.2	23.2	36.55	18.15	8.09	6.93	84.7
14-4	031798	0720	0.9	23.2	36.61	18.13	8.10	7.01	85.8
14-4	031798	0721	1.5	26.9	41.85	19.03	8.01	6.60	84.0
14-4	031798	1109	0.2	23.9	37.60	18.98	8.13	7.75	97.0
14-4	031798	1110	0.8	23.9	37.59	18.97	8.13	7.81	97.5
14-4	031798	1110	1.4	24.0	37.77	19.00	8.14	7.90	99.3
14-5	031798	0732	0.2	24.3	38.02	18.12	8.10	7.28	89.5
14-5	031798	0732	0.4	24.4	38.17	18.14	8.09	7.20	87.8
14-5	031798	0733	0.6	24.4	38.28	18.20	8.08	6.96	86.1
14-5	031798	1045	0.2	25.7	40.06	18.99	8.06	7.42	93.5
14-5	031798	1045	0.8	25.7	40.18	18.99	8.07	7.42	93.7
14-5	031798	1046	1.3	26.2	40.89	18.98	8.05	7.24	91.7

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
ML-1	031798	0722	0.2	0.09	0.188	18.36	7.08	7.55	80.3
ML-1	031798	0722	0.5	0.09	0.188	18.32	7.05	7.44	78.9
ML-1	031798	0723	0.8	0.10	0.204	18.39	7.03	7.42	79.0
ML-1	031798	1325	0.2	0.09	0.178	20.88	7.10	8.60	96.2
ML-1	031798	1326	0.4	0.09	0.178	20.88	7.04	8.57	96.0
ML-1	031798	1327	0.6	0.09	0.177	20.87	7.02	8.62	96.5
ML-2	031798	0555	0.2	0.15	0.313	18.50	6.76	7.18	76.7
ML-2	031798	0555	0.5	0.15	0.302	18.39	6.83	7.10	75.7
ML-2	031798	0557	0.7	0.16	0.340	18.49	6.92	7.10	75.8
ML-2	031798	1351	0.2	0.17	0.353	22.49	7.25	8.71	100.7
ML-2	031798	1351	0.4	0.17	0.355	22.49	7.22	8.75	101.1
ML-2	031798	1352	0.6	0.17	0.356	22.48	7.22	8.79	101.7
ML-3	031798	0606	0.2	0.26	0.536	19.14	7.08	8.22	88.8
ML-3	031798	0607	1.0	0.26	0.535	19.19	7.10	8.06	87.3
ML-3	031798	0608	1.9	0.26	0.532	19.20	7.11	7.92	85.9
ML-3	031798	1416	0.2	0.31	0.624	21.29	7.18	8.40	95.3
ML-3	031798	1416	1.0	0.33	0.668	21.07	7.17	8.44	94.9
ML-3	031798	1417	2.1	0.41	0.827	19.98	7.10	8.34	92.0
ML-4	031798	0651	0.2	0.32	0.663	19.02	7.23	7.96	85.7
ML-4	031798	0652	1.0	0.32	0.661	18.95	7.22	7.93	85.4
ML-4	031798	0653	2.4	0.32	0.661	18.91	7.22	7.75	83.7
ML-4	031798	1436	0.2	0.28	0.571	20.72	7.19	8.39	93.4
ML-4	031798	1436	1.0	0.28	0.571	20.56	7.16	8.39	93.5
ML-4	031798	1437	1.8	0.28	0.571	20.46	7.18	8.40	93.4
ML-5	031798	0633	0.2	0.30	0.610	19.57	7.37	8.44	92.1
ML-5	031798	0634	0.9	0.30	0.610	19.57	7.39	8.42	91.9
ML-5	031798	0635	1.5	0.30	0.611	19.58	7.41	8.38	91.6
ML-5	031798	1509	0.2	0.30	0.622	21.90	7.48	9.13	104.6
ML-5	031798	1509	1.0	0.30	0.623	21.85	7.49	9.25	105.7
ML-5	031798	1510	1.9	0.31	0.628	21.84	7.52	9.28	106.0

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
MU-1	031798	0849	0.2	0.07	0.135	18.65	6.76	6.47	69.1
MU-1	031798	0849	0.5	0.07	0.145	18.28	6.65	5.48	57.9
MU-1	031798	0850	0.8	0.07	0.146	18.17	6.61	5.16	54.7
MU-1	031798	1034	0.2	0.09	0.195	19.63	6.55	6.70	73.3
MU-1	031798	1034	0.4	0.09	0.180	18.81	6.52	6.15	64.9
MU-1	031798	1035	0.6	0.08	0.163	18.94	6.55	6.10	65.2
MU-2	031798	0823	0.2	0.07	0.141	18.60	6.96	7.01	75.0
MU-2	031798	0824	0.9	0.07	0.141	18.58	6.85	6.78	72.4
MU-2	031798	0825	1.6	0.07	0.141	18.58	6.89	6.74	72.1
MU-2	031798	1116	0.2	0.07	0.143	19.33	6.74	7.19	77.7
MU-2	031798	1116	0.9	0.07	0.141	19.29	7.16	7.13	77.1
MU-2	031798	1117	1.6	0.07	0.140	19.34	6.81	6.91	75.0
MU-3	031798	0803	0.2	0.08	0.168	18.50	6.90	6.77	72.0
MU-3	031798	0804	0.4	0.08	0.169	18.45	6.83	6.54	69.7
MU-3	031798	0804	0.6	0.08	0.168	18.43	6.81	6.45	68.8
MU-3	031798	1146	0.2	0.08	0.158	20.68	6.88	7.23	80.3
MU-3	031798	1146	0.4	0.09	0.177	20.48	6.81	7.07	78.2
MU-3	031798	1147	0.6	0.08	0.170	20.56	6.81	6.95	77.4
MU-4	031798	0755	0.2	0.08	0.156	18.53	7.02	7.20	76.8
MU-4	031798	0756	0.6	0.08	0.155	18.52	6.95	7.02	74.7
MU-4	031798	0756	1.0	0.08	0.154	18.50	6.95	6.91	73.7
MU-4	031798	1211	0.2	0.09	0.175	19.78	7.06	6.90	75.4
MU-4	031798	1211	0.6	0.09	0.174	19.74	6.98	6.77	74.1
MU-4	031798	1212	1.0	0.09	0.176	19.72	6.99	6.75	73.6
MU-5	031798	0736	0.3	0.10	0.202	18.56	7.08	7.66	81.7
MU-5	031798	1255	0.4	0.10	0.208	21.49	7.17	8.63	97.6

Sarasota Bay / Myakka River Status and Trends Monitoring

Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	031698	0613	27.35417	-82.58056	27.35417	-82.58128	3.4			
10-1	031698	1310	27.35417	-82.58056	27.35372	-82.58120	3.7	2.2	980223	0.67
10-2	031698	0636	27.33472	-82.56861	27.33538	-82.56885	1.2			
10-2	031698	1204	27.33472	-82.56861	27.33473	-82.56862	1.4	>B	980221	0.91
10-3	031698	0543	27.32694	-82.58778	27.32642	-82.58858	5.5			
10-3	031698	1406	27.32694	-82.58778	27.32697	-82.58798	6.6	3.0	980227	0.88
10-4	031698	0646	27.32556	-82.56750	27.32600	-82.56732	1.6			
10-4	031698	1144	27.32556	-82.56750	27.32513	-82.56733	4.4	1.3	980228	0.90
10-5	031698	0734	27.30722	-82.54972	27.30718	-82.54975	1.6			
10-5	031698	1052	27.30722	-82.54972	27.30740	-82.54958	1.6	>B	980224	0.70
11-1	031698	0620	27.36333	-82.57111	27.36387	-82.57172	3.5			
11-1	031698	1247	27.36333	-82.57111	27.36282	-82.57135	3.7	1.3	980222	0.98
11-2	031698	0604	27.34750	-82.56167	27.34753	-82.56247	3.1			
11-2	031698	1334	27.34750	-82.56167	27.34780	-82.56195	3.5	1.3	980229	1.04
11-3	031698	0629	27.33694	-82.56111	27.33717	-82.56183	2.8			
11-3	031698	1221	27.33694	-82.56111	27.33695	-82.56092	3.3	1.0	980225	1.43
11-4	031698	0714	27.32556	-82.54444	27.32597	-82.54463	3.5			
11-4	031698	1125	27.32556	-82.54444	27.32545	-82.54480	2.3	1.5	980220	1.08
11-5	031698	0723	27.31333	-82.54583	27.31412	-82.54565	2.6			
11-5	031698	1108	27.31333	-82.54583	27.31382	-82.54708	2.9	1.8	980252	0.38
16-1	031698	0536	27.17194	-82.49056	27.17242	-82.49060	1.0			
16-1	031698	1358	27.17194	-82.49056	27.17225	-82.49088	1.2	>B	980234	1.03
16-2	031698	0557	27.15722	-82.48472	27.15670	-82.48252	1.4			
16-2	031698	1335	27.15722	-82.48472	27.15650	-82.48258	1.7	1.9	980240	0.85
16-3	031698	0610	27.14583	-82.47722	27.14605	-82.47710	1.2			
16-3	031698	1314	27.14583	-82.47722	27.14633	-82.47720	1.6	>B	980238	0.73
16-4	031698	0624	27.13639	-82.46972	27.13608	-82.46983	2.1			
16-4	031698	1254	27.13639	-82.46972	27.13690	-82.46987	3.6	2.2	980231	0.47
16-5	031698	0635	27.12833	-82.47028	27.12870	-82.46950	2.8			
16-5	031698	1235	27.12833	-82.47028	27.12792	-82.46930	2.1	2.0	980233	0.54
LB-1	031698	0725	27.03167	-82.42583	27.03245	-82.42443	1.7			
LB-1	031698	1138	27.03167	-82.42583	27.03243	-82.42442	1.3	>B	980239	1.31
LB-2	031698	0738	27.00806	-82.41000	27.00803	-82.40763	1.8			
LB-2	031698	1120	27.00806	-82.41000	27.00853	-82.40803	1.3	>B	980237	1.50
LB-3	031698	0746	26.98889	-82.39528	26.98885	-82.39545	3.5			
LB-3	031698	1102	26.98889	-82.39528	26.98900	-82.39540	1.7	>B	980230	0.98
LB-4	031698	0756	26.97806	-82.39083	26.97977	-82.38998	0.8			
LB-4	031698	1044	26.97806	-82.39083	26.98003	-82.39195	1.3	>B	980236	0.73
LB-5	031698	0818	26.94694	-82.36778	26.94668	-82.36760	1.3			
LB-5	031698	1018	26.94694	-82.36778	26.94642	-82.36725	1.5	>B	980232	1.20
13-1	031798	0522	27.29194	-82.54444	27.29212	-82.54480	1.4			
13-1	031798	1356	27.29194	-82.54444	27.29195	-82.54478	1.6	>B	980216	0.61

Sarasota Bay / Myakka River Status and Trends Monitoring

Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
13-2	031798	0537	27.27944	-82.54667	27.27970	-82.54658	1.2			
13-2	031798	1338	27.27944	-82.54667	27.27962	-82.54678	1.4	>B	980211	0.91
13-3	031798	0559	27.26611	-82.53972	27.26608	-82.53968	1.7			
13-3	031798	1311	27.26611	-82.53972	27.26598	-82.53978	1.9	=B	980218	0.56
13-4	031798	0612	27.25778	-82.53639	27.25850	-82.53537	1.6			
13-4	031798	1251	27.25778	-82.53639	27.25872	-82.53508	1.9	1.4	980209	0.90
13-5	031798	0626	27.24528	-82.52139	27.24593	-82.52132	2.0			
13-5	031798	1227	27.24528	-82.52139	27.24505	-82.52090	2.0	>B	980213	0.89
14-1	031798	0635	27.23806	-82.52167	27.23805	-82.52167	1.9			
14-1	031798	1211	27.23806	-82.52167	27.23817	-82.52205	1.9	1.1	980217	1.12
14-2	031798	0652	27.22139	-82.51306	27.22067	-82.51318	0.8			
14-2	031798	1147	27.22139	-82.51306	27.22038	-82.51343	1.8	1.3	980214	0.93
14-3	031798	0709	27.20639	-82.50500	27.20612	-82.50628	1.0			
14-3	031798	1125	27.20639	-82.50500	27.20560	-82.50565	1.1	>B	980212	1.01
14-4	031798	0720	27.20389	-82.50139	27.20333	-82.50128	1.7			
14-4	031798	1109	27.20389	-82.50139	27.20327	-82.50088	1.6	>B	980215	1.01
14-5	031798	0732	27.19028	-82.49500	27.19028	-82.49542	0.8			
14-5	031798	1045	27.19028	-82.49500	27.19002	-82.49590	1.5	>B	980219	0.69
ML-1	031798	0722	27.04167	-82.29167	27.04255	-82.29002	1.0			
ML-1	031798	1325	27.04167	-82.29167	27.04302	-82.28980	0.8	>B	980243	4.43
ML-2	031798	0555	27.03500	-82.28167	27.03497	-82.28192	0.9			
ML-2	031798	1351	27.03500	-82.28167	27.03430	-82.28145	0.8	>B	980251	4.29
ML-3	031798	0606	27.02806	-82.27111	27.02838	-82.27062	2.1			
ML-3	031798	1416	27.02806	-82.27111	27.02853	-82.27107	2.3	0.8	980247	3.64
ML-4	031798	0651	27.01944	-82.27444	27.01937	-82.27395	2.6			
ML-4	031798	1436	27.01944	-82.27444	27.01983	-82.27367	2.0	0.8	980242	4.05
ML-5	031798	0633	27.00028	-82.25667	27.00015	-82.25688	1.7			
ML-5	031798	1509	27.00028	-82.25667	27.00123	-82.25705	2.1	0.5	980241	4.32
MU-1	031798	0849	27.09861	-82.33306	27.09747	-82.33217	1.0			
MU-1	031798	1034	27.09861	-82.33306	27.09747	-82.33207	0.8	>B	980250	3.45
MU-2	031798	0823	27.08139	-82.32194	27.08222	-82.31925	1.8			
MU-2	031798	1116	27.08139	-82.32194	27.08212	-82.31878	1.8	1.2	980248	2.97
MU-3	031798	0803	27.06972	-82.31500	27.06797	-82.31538	0.8			
MU-3	031798	1146	27.06972	-82.31500	27.06775	-82.31460	0.8	>B	980244	1.85
MU-4	031798	0755	27.06222	-82.31222	27.06303	-82.31143	1.2			
MU-4	031798	1211	27.06222	-82.31222	27.06298	-82.31195	1.2	>B	980249	2.59
MU-5	031798	0736	27.05167	-82.29500	27.05087	-82.29503	0.6			
MU-5	031798	1255	27.05167	-82.29500	27.05128	-82.29473	0.7	>B	980245	3.18

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	1.0M	1305	980223	3/16/1998	U0.005	U0.005	U0.005	0.17	0.17	0.013	U0.05	0.2	3	2.4	5	8.08	1.7	U0.5	32.5
10-2	MID	1200	980221	3/16/1998	0.008	U0.005	U0.005	0.22	0.22	0.017	U0.05	U0.1	17	5.4	5	8.07	2.1	1.4	32.1
10-3	1.0M	1357	980227	3/16/1998	U0.005	U0.005	U0.005	0.20	0.20	0.012	U0.05	0.2	2	1.5	5	8.04	1.9	U0.5	33.4
10-3 REP	1.0M	1408	980226	3/16/1998	U0.005	U0.005	U0.005	0.14	0.14	0.013	U0.05	0.2	U2	1.4	5	8.04	2.5	U0.5	NA
10-4	1.0M	1140	980228	3/16/1998	0.009	U0.005	U0.005	0.19	0.19	0.016	U0.05	U0.1	5	5.8	6	8.03	2.3	U0.5	32.5
10-5	MID	1040	980224	3/16/1998	U0.005	0.005	U0.005	0.23	0.23	0.021	U0.05	U0.1	5	3.8	8	8.02	2.2	0.6	31.5
11-1	MID	1237	980222	3/16/1998	U0.005	U0.005	U0.005	0.25	0.25	0.013	U0.05	0.2	6	5.3	11	8.07	2.1	1.7	31.7
11-2	1.0M	1330	980229	3/16/1998	U0.005	U0.005	U0.005	0.18	0.18	0.014	U0.05	U0.1	9	6.3	10	8.04	2.8	0.8	31.9
11-3	1.0M	1215	980225	3/16/1998	U0.005	U0.005	U0.005	0.24	0.24	0.016	U0.05	0.2	10	9.5	10	8.03	4.2	1.2	31.8
11-4	1.0M	1120	980220	3/16/1998	U0.005	U0.005	U0.005	0.23	0.23	0.018	0.06	0.6	9	5.4	7	8.03	3.1	1.2	31.2
11-5	1.0M	1100	980252	3/16/1998	U0.005	U0.005	U0.005	0.23	0.23	0.019	U0.05	U0.1	4	3.2	10	8.02	1.9	0.6	32.4
13-1	MID	1356	980216	3/17/1998	0.009	0.006	0.007	0.29	0.30	0.042	0.10	1.8	10	3.1	17	8.03	2.3	0.9	29.6
13-1 REP	MID	1400	980210	3/17/1998	0.006	U0.005	U0.005	0.22	0.22	0.030	0.08	2.0	12	3.4	15	8.03	3.2	U0.5	NA
13-2	MID	1338	980211	3/17/1998	0.011	U0.005	0.005	0.33	0.34	0.048	0.13	1.9	12	6.5	25	8.05	3.0	1.6	26.0
13-3	MID	1311	980218	3/17/1998	0.011	U0.005	0.006	0.38	0.39	0.043	0.11	1.1	8	3.5	20	8.02	3.1	1.4	28.0
13-4	MID	1250	980209	3/17/1998	0.030	0.011	0.011	0.42	0.43	0.058	0.10	2.2	9	3.4	22	7.98	2.3	1.5	24.5
13-5	1.0M	1227	980213	3/17/1998	0.006	U0.005	U0.005	0.46	0.46	0.054	0.11	1.9	8	3.6	27	8.06	3.3	1.5	23.4
14-1	MID	1210	980217	3/17/1998	U0.005	U0.005	U0.005	0.50	0.50	0.051	0.15	2.1	11	6.2	31	8.11	3.7	2.8	22.2
14-2	MID	1147	980214	3/17/1998	U0.005	U0.005	U0.005	0.53	0.53	0.044	0.17	2.5	8	3.8	32	8.15	3.4	1.4	22.2
14-3	MID	1119	980212	3/17/1998	0.006	U0.005	U0.005	0.48	0.48	0.044	0.12	2.0	6	4.0	32	8.11	3.7	1.3	23.1
14-4	MID	1057	980215	3/17/1998	U0.005	U0.005	U0.005	0.47	0.47	0.042	0.14	1.6	12	3.4	30	8.12	3.3	2.2	23.9
14-5	MID	1046	980219	3/17/1998	0.006	U0.005	U0.005	0.40	0.40	0.035	0.11	1.3	3	2.7	25	8.08	2.8	0.7	25.7

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	MID	1357	980234	3/16/1998	U0.005	0.005	0.005	0.39	0.40	0.031	0.09	0.5	5	3.8	22	8.03	2.6	0.8	26.4
16-1 REP	MID	1405	980235	3/16/1998	U0.005	0.005	U0.005	0.39	0.39	0.034	0.09	1.0	9	3.7	24	8.07	3.1	U0.5	NA
16-2	MID	1334	980240	3/16/1998	0.007	0.007	0.007	0.46	0.47	0.027	0.11	0.3	10	3.5	20	8.00	1.6	U0.5	29.8
16-3	MID	1316	980238	3/16/1998	U0.005	U0.005	U0.005	0.24	0.24	0.025	0.10	0.4	10	4.3	18	8.04	2.3	U0.5	30.1
16-4	1.0M	1255	980231	3/16/1998	0.006	0.005	U0.005	0.16	0.16	0.016	U0.05	U0.1	13	2.5	5	8.06	1.7	U0.5	34.0
16-5	1.0M	1239	980233	3/16/1998	U0.005	U0.005	U0.005	0.13	0.13	0.014	U0.05	U0.1	5	3.0	10	8.06	2.4	U0.5	34.0
LB-1	MID	1137	980239	3/16/1998	0.012	0.010	0.009	0.35	0.36	0.056	0.17	0.5	10	3.9	32	7.91	3.5	0.9	25.1
LB-2	MID	1120	980237	3/16/1998	0.016	0.007	0.005	0.45	0.46	0.061	0.22	0.7	10	4.2	38	7.95	3.3	1.6	23.0
LB-3	MID	1102	980230	3/16/1998	0.006	U0.005	U0.005	0.49	0.49	0.062	0.18	1.6	10	2.2	35	8.04	4.7	1.2	22.1
LB-4	MID	1044	980236	3/16/1998	0.005	U0.005	U0.005	0.46	0.46	0.057	0.13	1.3	7	2.1	37	8.21	2.8	1.8	21.7
LB-5	MID	1015	980232	3/16/1998	0.017	0.009	0.006	0.43	0.44	0.037	0.09	0.7	9	2.8	25	8.14	1.9	U0.5	25.2
ML-1	MID	1333	980243	3/17/1998	0.025	0.026	0.027	0.75	0.78	0.257	0.33	1.5	U2	1.5	160	7.46	2.0	U0.5	0.09
ML-2	MID	1350	980251	3/17/1998	0.012	0.012	0.013	0.80	0.81	0.234	0.32	2.4	3	2.6	170	7.45	5.4	0.9	0.17
ML-3	1.0M	1414	980247	3/17/1998	0.023	0.031	0.031	0.74	0.77	0.217	0.29	1.6	U2	1.8	180	7.56	4.7	1.5	0.31
ML-4	1.0M	1435	980242	3/17/1998	0.018	0.029	0.029	0.76	0.79	0.224	0.30	2.2	U2	1.9	160	7.44	3.2	0.8	0.28
ML-5	1.0M	1507	980241	3/17/1998	0.013	0.010	0.010	0.79	0.80	0.221	0.31	1.6	3	2.9	170	7.63	8.1	2.6	0.30
ML-5 REP	1.0M	1520	980246	3/17/1998	0.010	0.012	0.012	0.80	0.81	0.227	0.32	1.7	3	2.7	160	7.60	5.5	2.2	NA
MU-1	MID	1045	980250	3/17/1998	0.025	0.024	0.025	0.77	0.80	0.272	0.37	2.3	U2	1.4	170	7.16	4.8	1.0	0.09
MU-2	MID	1115	980248	3/17/1998	0.023	0.032	0.031	0.73	0.76	0.270	0.36	1.8	U2	1.3	170	7.25	1.3	0.7	0.07
MU-3	MID	1145	980244	3/17/1998	0.020	0.030	0.030	0.76	0.79	0.271	0.35	1.5	2	2.0	160	7.26	2.9	0.5	0.08
MU-4	MID	1209	980249	3/17/1998	0.025	0.032	0.033	0.73	0.76	0.259	0.34	2.7	U2	1.3	160	7.39	1.6	0.7	0.09
MU-5	MID	1255	980245	3/17/1998	0.009	0.016	0.016	0.80	0.82	0.254	0.35	1.5	3	3.2	180	7.47	6.4	2.1	0.10
EQP BLK	NA	1530	980254	3/17/1998	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.1	U2	U0.05	U1	5.97	U0.5	U0.5	NA
EQP BLK	NA	0830	980253	3/17/1998	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.1	U2	U0.05	U1	5.86	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rain Intensity		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)
			Begin (EST)	End (EST)	Min	Max	Min	Max (%)				
031698	AM	10	0543	0734	0		0		19	40 - 70	5 - 10	<0.5 - 0.5
031698	PM	10	1052	1406	0		2	- 50		70 - 140	15 - 20	<0.5 - 1.0
031698	AM	11	0604	0723	0		0		19	40 - 70	5 - 10	<0.5 - 0.5
031698	PM	11	1108	1334	0		5	- 20		70 - 140	20	0.5 - 1.0
031698	AM	16	0536	0635	0		0		18	80	<5 - 5	<0.5
031698	PM	16	1235	1358	0		25	- 40		120 - 150	5 - 10	<0.5 - 0.5
031698	AM	LB	0725	0818	0		0		18	110 - 120	<5 - 10	<0.5 - 0.5
031698	PM	LB	1018	1138	0		0	- 10		150 - 180	5 - 15	0.5 - 1.0
031798	AM	13	0522	0626	0		50	- 90	20	120	5 - 10	<0.5
031798	PM	13	1227	1356	0		25	- 90		120	10 - 15	<0.5 - 0.5
031798	AM	14	0635	0732	0		70	- 85	20	90 - 120	5 - 10	<0.5 - 0.5
031798	PM	14	1045	1211	0		5	- 20		120 - 180	15 - 25	0.5 - 1.0
031798	AM	ML	0555	0722	0		30	- 50	21	135 - 225	<5 - 5	<0.5
031798	PM	ML	1325	1509	0		50	- 60		135	10 - 20	<0.5
031798	AM	MU	0736	0849	0		5	- 20	21	115	<5 - 5	<0.5
031798	PM	MU	1034	1255	0		5	- 50		135	5 - 20	<0.5 - 0.5

Hydrolab DS3 Continuous Deployment at Station 13-5
March 16-17, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
13-5	031698	0830	17.56	7.84	38.2	24.3	115.1	9.5
13-5	031698	0845	17.65	7.84	38.9	24.8	110.2	9.0
13-5	031698	0900	17.67	7.87	38.8	24.7	112.7	9.2
13-5	031698	0915	17.65	7.88	38.8	24.7	114.1	9.3
13-5	031698	0930	17.67	7.89	38.8	24.7	114.2	9.3
13-5	031698	0945	17.67	7.90	38.6	24.6	116.1	9.5
13-5	031698	1000	17.68	7.93	38.6	24.5	119.9	9.8
13-5	031698	1015	17.66	7.94	38.4	24.5	122.3	10.0
13-5	031698	1030	17.65	7.96	38.2	24.3	126.0	10.3
13-5	031698	1045	17.63	7.98	37.9	24.0	128.5	10.6
13-5	031698	1100	17.67	7.98	37.7	24.0	128.0	10.5
13-5	031698	1115	17.73	7.98	37.8	24.0	127.5	10.5
13-5	031698	1130	17.80	7.98	37.9	24.1	127.3	10.4
13-5	031698	1145	17.85	8.00	37.9	24.1	129.5	10.6
13-5	031698	1200	17.89	8.01	37.9	24.1	131.6	10.8
13-5	031698	1215	17.92	8.02	37.9	24.0	133.8	10.9
13-5	031698	1230	17.97	8.04	37.6	23.9	136.3	11.1
13-5	031698	1245	17.92	8.02	37.3	23.6	133.4	10.9
13-5	031698	1300	17.92	8.00	37.3	23.6	127.7	10.5
13-5	031698	1315	17.99	7.97	37.6	23.9	124.4	10.2
13-5	031698	1330	18.07	7.96	37.9	24.0	123.3	10.0
13-5	031698	1345	18.12	7.95	38.1	24.2	122.0	9.9
13-5	031698	1400	18.21	7.95	38.3	24.4	121.9	9.9
13-5	031698	1415	18.29	7.95	38.4	24.4	122.1	9.9
13-5	031698	1430	18.57	7.96	39.3	25.0	122.6	9.8
13-5	031698	1445	18.60	7.97	39.8	25.4	122.6	9.8
13-5	031698	1500	18.72	7.97	40.3	25.8	123.5	9.8
13-5	031698	1515	18.76	7.98	40.7	26.1	123.3	9.8
13-5	031698	1530	18.77	7.98	40.8	26.2	123.5	9.8
13-5	031698	1545	18.84	7.99	41.1	26.3	124.9	9.9
13-5	031698	1600	18.88	7.99	41.2	26.4	123.9	9.8
13-5	031698	1615	18.91	8.00	41.3	26.5	125.0	9.9
13-5	031698	1630	18.96	7.99	41.3	26.5	124.2	9.8

Hydrolab DS3 Continuous Deployment at Station 13-5
March 16-17, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
13-5	031698	1645	18.99	7.99	41.5	26.6	124.0	9.8
13-5	031698	1700	18.99	8.00	41.5	26.6	124.4	9.8
13-5	031698	1715	19.01	8.00	41.5	26.6	124.1	9.8
13-5	031698	1730	19.01	8.00	41.5	26.6	123.2	9.7
13-5	031698	1745	18.99	8.00	41.4	26.6	122.3	9.6
13-5	031698	1800	18.99	8.00	41.3	26.5	121.8	9.6
13-5	031698	1815	19.01	8.01	41.0	26.3	120.6	9.5
13-5	031698	1830	19.01	8.05	38.6	24.6	125.8	10.0
13-5	031698	1845	18.99	8.03	38.5	24.5	124.4	9.9
13-5	031698	1900	18.98	8.02	38.9	24.8	119.3	9.5
13-5	031698	1915	19.03	8.03	37.9	24.0	125.2	10.0
13-5	031698	1930	19.03	8.03	37.5	23.8	126.1	10.1
13-5	031698	1945	19.03	8.03	37.5	23.8	125.4	10.0
13-5	031698	2000	19.01	8.03	37.5	23.8	124.6	10.0
13-5	031698	2015	19.01	8.03	37.4	23.7	124.1	9.9
13-5	031698	2030	19.01	8.03	37.3	23.6	124.7	10.0
13-5	031698	2045	18.99	8.04	37.2	23.6	124.3	10.0
13-5	031698	2100	18.96	8.03	37.2	23.5	124.0	10.0
13-5	031698	2115	18.91	8.03	37.0	23.5	124.2	10.0
13-5	031698	2130	18.91	8.03	37.0	23.5	123.1	9.9
13-5	031698	2145	18.88	8.03	37.0	23.5	122.3	9.8
13-5	031698	2200	18.84	8.01	37.0	23.4	115.1	9.3
13-5	031698	2215	18.79	8.04	37.0	23.4	119.4	9.6
13-5	031698	2230	18.79	8.04	36.9	23.4	119.9	9.7
13-5	031698	2245	18.79	8.01	37.0	23.4	117.0	9.4
13-5	031698	2300	18.78	7.99	37.2	23.6	109.6	8.8
13-5	031698	2315	18.79	8.00	37.2	23.6	103.4	8.3
13-5	031698	2330	18.82	7.89	37.6	23.9	94.9	7.6
13-5	031698	2345	18.86	7.89	38.0	24.2	93.5	7.5
13-5	031798	0000	18.88	7.88	38.6	24.5	93.4	7.5
13-5	031798	0015	18.89	7.88	38.8	24.7	94.3	7.5
13-5	031798	0030	18.89	7.88	38.9	24.8	93.1	7.4
13-5	031798	0045	18.89	7.87	38.9	24.8	92.6	7.4
13-5	031798	0100	18.91	7.87	38.9	24.8	91.0	7.3

Hydrolab DS3 Continuous Deployment at Station 13-5
March 16-17, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
13-5	031798	0115	18.90	7.85	38.9	24.8	90.3	7.2
13-5	031798	0130	18.91	7.85	39.0	24.9	88.4	7.1
13-5	031798	0145	18.91	7.84	39.0	24.9	85.9	6.8
13-5	031798	0200	18.91	7.83	39.0	24.9	83.9	6.7
13-5	031798	0215	18.91	7.82	38.9	24.8	82.2	6.6
13-5	031798	0230	18.89	7.82	38.9	24.8	81.7	6.5
13-5	031798	0245	18.89	7.82	38.9	24.8	79.4	6.3
13-5	031798	0300	18.78	7.87	38.9	24.8	84.3	6.7
13-5	031798	0315	18.65	7.96	38.2	24.3	104.3	8.4
13-5	031798	0330	18.65	7.95	38.2	24.3	104.7	8.4
13-5	031798	0345	18.64	7.96	38.2	24.3	105.0	8.4
13-5	031798	0400	18.64	7.95	38.2	24.3	104.0	8.4
13-5	031798	0415	18.64	7.95	38.2	24.3	103.2	8.3
13-5	031798	0430	18.62	7.96	38.4	24.4	103.8	8.3
13-5	031798	0445	18.60	7.96	38.6	24.5	103.7	8.3
13-5	031798	0500	18.57	7.96	38.7	24.6	103.2	8.3
13-5	031798	0515	18.55	7.96	38.8	24.7	103.8	8.3
13-5	031798	0530	18.55	7.95	38.9	24.8	102.6	8.2
13-5	031798	0545	18.53	7.95	38.9	24.8	101.9	8.2
13-5	031798	0600	18.55	7.95	38.9	24.8	101.3	8.1
13-5	031798	0615	18.55	7.95	38.9	24.8	101.2	8.1
13-5	031798	0630	18.57	7.94	39.0	24.9	99.8	8.0
13-5	031798	0645	18.58	7.93	39.1	24.9	96.9	7.8
13-5	031798	0700	18.57	7.92	39.1	24.9	96.4	7.7
13-5	031798	0715	18.58	7.91	39.1	24.9	93.3	7.5
13-5	031798	0730	18.57	7.89	39.0	24.9	90.2	7.2
13-5	031798	0745	18.55	7.89	38.9	24.8	90.5	7.3
13-5	031798	0800	18.57	7.87	38.8	24.7	86.4	6.9
13-5	031798	0815	18.53	7.87	38.7	24.7	89.3	7.2
13-5	031798	0830	18.55	7.87	38.7	24.6	88.8	7.1
13-5	031798	0845	18.57	7.88	38.7	24.7	89.3	7.2
13-5	031798	0900	18.58	7.89	38.7	24.7	91.1	7.3
13-5	031798	0915	18.57	7.90	38.6	24.6	93.5	7.5
13-5	031798	0930	18.58	7.92	38.6	24.6	95.9	7.7

Hydrolab DS3 Continuous Deployment at Station 13-5
March 16-17, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
13-5	031798	0945	18.60	7.94	38.5	24.5	99.8	8.0

Hydrolab DS3 Continuous Deployment at Station 13-2
March 16-17, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
13-2	031698	0915	17.70	7.82	44.1	28.5	99.0	7.8
13-2	031698	0930	17.86	7.85	44.4	28.7	97.1	7.6
13-2	031698	0945	17.88	7.86	45.1	29.3	97.6	7.6
13-2	031698	1000	17.92	7.87	45.5	29.5	96.5	7.5
13-2	031698	1015	17.98	7.90	46.1	30.0	97.1	7.5
13-2	031698	1030	18.02	7.92	46.3	30.1	99.7	7.7
13-2	031698	1045	18.03	7.94	46.2	30.1	102.2	7.9
13-2	031698	1100	18.11	7.95	46.1	30.0	103.8	8.1
13-2	031698	1115	18.17	7.96	46.0	29.9	105.8	8.2
13-2	031698	1130	18.16	7.97	45.8	29.8	107.7	8.3
13-2	031698	1145	18.15	7.98	45.5	29.5		
13-2	031698	1200	18.22	7.99	45.3	29.4		
13-2	031698	1215	18.24	8.00	45.0	29.2		
13-2	031698	1230	18.31	8.01	44.3	28.7		
13-2	031698	1245	18.46	8.03	43.4	28.0		
13-2	031698	1300	18.51	8.01	42.4	27.3		
13-2	031698	1315	18.59	7.99	41.9	26.9		
13-2	031698	1330	18.51	8.00	42.2	27.2		
13-2	031698	1345	18.53	7.99	42.3	27.2		
13-2	031698	1400	18.67	7.99	42.4	27.3		
13-2	031698	1415	18.87	7.99	42.4	27.3		
13-2	031698	1430	19.04	7.99	42.4	27.3		
13-2	031698	1445	18.95	8.00	42.5	27.4		
13-2	031698	1500	18.83	8.01	42.9	27.6		
13-2	031698	1515	18.81	8.02	43.1	27.8		
13-2	031698	1530	18.83	8.02	43.1	27.8		
13-2	031698	1545	18.93	8.02	43.1	27.8		
13-2	031698	1600	19.51	8.02	42.3	27.2		
13-2	031698	1615	19.27	8.00	44.1	28.5		
13-2	031698	1630	19.31	8.00	44.4	28.7	106.2	8.1
13-2	031698	1645	19.29	8.00	44.2	28.6	105.7	8.1
13-2	031698	1700	19.21	7.99	43.9	28.4	104.8	8.0
13-2	031698	1715	19.29	7.99	43.6	28.2	104.2	8.0

Hydrolab DS3 Continuous Deployment at Station 13-2
March 16-17, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
13-2	031698	1730	19.37	8.00	43.2	27.9	103.9	8.0
13-2	031698	1745	19.42	8.00	42.9	27.7	103.4	7.9
13-2	031698	1800	19.42	7.99	42.7	27.5	102.7	7.9
13-2	031698	1815	19.42	7.98	42.5	27.4	102.1	7.9
13-2	031698	1830	19.41	7.97	42.2	27.2	100.4	7.7
13-2	031698	1845	19.39	7.96	42.1	27.0	98.9	7.6
13-2	031698	1900	19.37	7.96	42.0	27.0	97.4	7.5
13-2	031698	1915	19.33	7.95	42.0	27.0	95.9	7.4
13-2	031698	1930	19.26	7.95	42.4	27.3	94.6	7.3
13-2	031698	1945	19.22	7.95	42.4	27.3	94.0	7.3
13-2	031698	2000	19.20	7.94	42.3	27.2	92.1	7.1
13-2	031698	2015	19.19	7.93	42.3	27.2	89.0	6.9
13-2	031698	2030	19.19	7.93	42.2	27.1	87.4	6.7
13-2	031698	2045	19.17	7.92	42.0	27.0	85.8	6.6
13-2	031698	2100	19.15	7.91	41.9	26.9	84.8	6.6
13-2	031698	2115	19.14	7.89	41.8	26.9	82.4	6.4
13-2	031698	2130	19.13	7.89	41.9	26.9	81.5	6.3
13-2	031698	2145	19.12	7.88	41.8	26.9	81.1	6.2
13-2	031698	2200	19.11	7.86	41.7	26.8	78.1	6.0
13-2	031698	2215	19.10	7.85	41.7	26.8	75.2	5.8
13-2	031698	2230	19.09	7.84	41.6	26.7	73.4	5.7
13-2	031698	2245	19.06	7.85	41.7	26.8	74.8	5.8
13-2	031698	2300	19.09	7.89	41.9	26.9	78.7	6.1
13-2	031698	2315	19.14	7.89	42.3	27.2	80.7	6.2
13-2	031698	2330	19.14	7.88	42.4	27.3	79.3	6.1
13-2	031698	2345	19.11	7.89	42.4	27.3	80.1	6.2
13-2	031798	0000	19.11	7.93	42.6	27.4	84.6	6.5
13-2	031798	0015	19.10	7.94	42.8	27.6	86.3	6.6
13-2	031798	0030	19.10	7.94	42.8	27.6	87.1	6.7
13-2	031798	0045	19.10	7.94	42.8	27.6	87.7	6.8
13-2	031798	0100	19.10	7.94	42.7	27.5	87.9	6.8
13-2	031798	0115	19.09	7.94	42.6	27.4	88.4	6.8
13-2	031798	0130	19.09	7.94	42.4	27.3	88.5	6.8

Hydrolab DS3 Continuous Deployment at Station 13-2
March 16-17, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
13-2	031798	0145	19.08	7.94	42.4	27.3	87.8	6.8
13-2	031798	0200	19.05	7.92	42.4	27.3	86.0	6.6
13-2	031798	0215	19.05	7.91	42.4	27.3	84.2	6.5
13-2	031798	0230	19.06	7.91	42.5	27.3	83.9	6.5
13-2	031798	0245	19.03	7.92	42.4	27.3	85.2	6.6
13-2	031798	0300	18.97	7.92	42.4	27.3	84.7	6.6
13-2	031798	0315	18.95	7.91	42.4	27.3	83.5	6.5
13-2	031798	0330	18.93	7.90	42.4	27.3	82.1	6.4
13-2	031798	0345	18.84	7.90	42.3	27.2	81.7	6.4
13-2	031798	0400	18.87	7.90	42.4	27.3	80.7	6.2
13-2	031798	0415	18.79	7.90	42.3	27.2	80.8	6.3
13-2	031798	0430	18.79	7.89	42.3	27.2	80.1	6.2
13-2	031798	0445	18.73	7.89	42.1	27.1	78.7	6.1
13-2	031798	0500	18.63	7.88	41.9	26.9	77.5	6.0
13-2	031798	0515	18.24	7.92	40.6	26.0	82.1	6.5
13-2	031798	0530	18.06	7.94	40.0	25.6	88.2	7.1
13-2	031798	0545	18.19	7.94	41.1	26.3	87.4	6.9
13-2	031798	0600	18.23	7.94	41.2	26.5	87.7	6.9
13-2	031798	0615	18.31	7.93	41.3	26.5	86.5	6.8
13-2	031798	0630	18.30	7.93	41.4	26.5	85.4	6.7
13-2	031798	0645	18.31	7.92	41.4	26.6	84.4	6.7
13-2	031798	0700	18.33	7.91	41.3	26.5	83.3	6.6
13-2	031798	0715	18.34	7.91	41.2	26.4	81.9	6.5
13-2	031798	0730	18.36	7.90	41.1	26.4	79.9	6.3
13-2	031798	0745	18.33	7.89	41.0	26.3	78.6	6.2
13-2	031798	0800	18.31	7.89	41.0	26.3	79.3	6.2
13-2	031798	0815	18.36	7.89	40.9	26.2	78.8	6.2
13-2	031798	0830	18.40	7.89	40.7	26.0	79.4	6.2
13-2	031798	0845	18.49	7.90	40.3	25.8	80.7	6.4
13-2	031798	0900	18.61	7.90	38.6	24.6	82.2	6.5

Sarasota Bay / Myakka River Status and Trends Monitoring Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
10-1	041498	0542	0.2	32.5	49.60	20.77	8.10	7.14	97.2
10-1	041498	0543	1.0	32.5	49.62	20.76	8.10	7.28	99.1
10-1	041498	0543	2.2	32.5	49.60	20.76	8.10	7.32	99.7
10-1	041498	1341	0.2	33.1	50.47	21.99	8.10	7.35	102.1
10-1	041498	1342	1.0	33.1	50.46	21.98	8.09	7.31	102.8
10-1	041498	1343	2.4	33.2	50.57	21.84	8.10	7.48	104.4
10-2	041498	0458	0.2	32.8	49.96	21.24	7.88	7.90	108.8
10-2	041498	0458	1.0	32.8	50.06	21.28	7.93	7.03	96.9
10-2	041498	0459	3.2	32.9	50.15	21.28	7.99	7.14	98.6
10-2	041498	1433	0.2	33.2	50.65	22.33	8.11	7.47	103.1
10-2	041498	1433	1.0	33.3	50.65	22.32	8.11	7.32	103.1
10-2	041498	1434	2.8	33.4	50.86	22.11	8.11	7.62	106.8
10-3	041498	0517	0.2	32.9	50.19	21.15	8.00	6.38	87.8
10-3	041498	0517	1.0	32.9	50.13	21.05	7.99	6.25	85.9
10-3	041498	0518	3.8	33.0	50.23	20.92	8.00	6.55	89.7
10-3	041498	1409	0.2	33.2	50.64	22.01	8.08	7.22	101.1
10-3	041498	1409	1.0	33.3	50.76	21.97	8.07	7.25	100.7
10-3	041498	1410	4.0	33.4	50.85	21.96	8.08	7.39	103.6
10-4	041498	0704	0.2	33.0	50.33	21.28	8.09	6.43	89.6
10-4	041498	0705	1.0	33.0	50.31	21.29	8.08	6.44	88.8
10-4	041498	0705	3.4	33.0	50.33	21.31	8.08	6.39	88.3
10-4	041498	1028	0.2	33.0	50.26	21.47	8.03	6.39	88.2
10-4	041498	1029	1.0	33.0	50.35	21.49	8.04	6.36	88.2
10-4	041498	1030	1.7	33.1	50.39	21.49	8.05	6.46	89.5
10-5	041498	0645	0.2	32.4	49.51	21.15	7.97	5.92	81.3
10-5	041498	0646	1.0	32.5	49.74	21.26	7.98	6.01	82.7
10-5	041498	0646	1.8	32.6	49.77	21.30	7.98	6.06	83.5
10-5	041498	1106	0.2	33.4	50.88	21.52	8.04	6.73	93.5
10-5	041498	1107	1.0	33.5	50.94	21.50	8.04	6.81	94.6
10-5	041498	1108	2.0	33.5	50.97	21.47	8.04	6.85	95.2

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
11-1	041498	0552	0.2	32.5	49.55	21.11	8.12	7.18	98.4
11-1	041498	0553	1.0	32.5	49.55	21.13	8.12	7.34	100.2
11-1	041498	0553	3.0	32.5	49.55	21.14	8.12	7.52	103.0
11-1	041498	1313	0.2	33.0	50.25	21.61	8.10	7.22	100.3
11-1	041498	1313	1.0	33.0	50.25	21.62	8.09	7.30	101.3
11-1	041498	1314	3.4	33.0	50.24	21.60	8.09	7.40	102.7
11-2	041498	0601	0.2	32.7	49.88	21.02	8.06	6.79	93.2
11-2	041498	0601	1.0	32.7	49.88	21.03	8.06	6.87	94.2
11-2	041498	0602	3.3	32.7	49.89	21.05	8.06	6.98	95.8
11-2	041498	1250	0.2	33.1	50.37	21.73	8.06	6.94	96.6
11-2	041498	1250	1.0	33.1	50.36	21.74	8.06	6.99	97.2
11-2	041498	1251	3.6	33.1	50.37	21.72	8.06	7.15	98.9
11-3	041498	0612	0.2	32.7	49.85	21.22	8.04	6.61	91.1
11-3	041498	0613	1.0	32.7	49.86	21.23	8.04	6.65	91.5
11-3	041498	0613	2.4	32.7	49.87	21.24	8.04	6.70	92.2
11-3	041498	1223	0.2	33.0	50.31	21.72	8.06	6.91	96.1
11-3	041498	1224	1.0	33.0	50.33	21.72	8.06	7.01	97.5
11-3	041498	1225	2.9	33.0	50.29	21.70	8.06	7.07	98.2
11-4	041498	0626	0.2	32.7	49.92	20.99	7.99	6.04	82.3
11-4	041498	0626	0.8	32.7	49.91	20.99	7.98	6.00	82.2
11-4	041498	0626	1.3	32.7	49.93	21.00	7.99	6.04	82.7
11-4	041498	1154	0.2	33.6	51.10	21.53	8.04	6.92	96.3
11-4	041498	1155	1.0	33.6	51.11	21.54	8.04	6.99	97.3
11-4	041498	1155	1.8	33.6	51.08	21.54	8.04	7.02	98.1
11-5	041498	0633	0.2	32.3	49.37	21.17	7.99	6.34	87.0
11-5	041498	0633	1.0	32.4	49.54	21.21	7.99	6.39	87.6
11-5	041498	0634	2.4	32.8	50.02	21.32	8.01	6.44	88.8
11-5	041498	1133	0.2	33.2	50.58	21.70	8.05	6.76	94.1
11-5	041498	1134	1.0	33.2	50.57	21.70	8.04	6.79	94.5
11-5	041498	1134	2.8	33.2	50.57	21.69	8.04	6.91	96.0

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
13-1	041498	0457	0.2	31.0	47.59	21.02	7.84	5.69	77.2
13-1	041498	0458	1.0	31.6	48.35	21.38	7.87	5.83	79.9
13-1	041498	0459	1.7	32.6	49.71	21.85	7.91	6.01	83.7
13-1	041498	1402	0.2	32.4	49.48	22.76	8.04	7.10	100.1
13-1	041498	1403	1.0	32.5	49.59	22.73	8.05	7.15	100.8
13-1	041498	1404	2.1	32.8	49.98	22.60	8.06	7.38	104.5
13-2	041498	0516	0.2	29.6	45.59	21.47	7.83	5.67	76.6
13-2	041498	0516	0.4	29.6	45.60	21.49	7.83	5.68	77.0
13-2	041498	0517	0.5	29.6	45.58	21.49	7.84	5.65	76.2
13-2	041498	1342	0.2	31.2	47.90	22.79	7.97	7.15	100.0
13-2	041498	1343	1.0	31.3	47.90	22.76	8.00	7.20	101.0
13-2	041498	1344	2.1	31.9	48.83	22.27	7.99	6.83	95.6
13-3	041498	0539	0.2	28.5	44.07	21.73	7.83	5.63	76.3
13-3	041498	0539	0.9	28.5	44.08	21.74	7.85	5.61	75.6
13-3	041498	0540	1.5	28.5	44.04	21.74	7.86	5.68	77.0
13-3	041498	1315	0.2	30.0	46.19	22.88	7.95	6.53	91.0
13-3	041498	1315	0.9	30.2	46.63	22.71	7.96	6.59	93.2
13-3	041498	1316	1.5	30.5	46.82	22.55	7.96	6.71	93.3
13-4	041498	0549	0.2	27.3	42.37	21.35	7.75	5.59	74.8
13-4	041498	0549	0.9	27.6	42.71	21.52	7.75	5.54	73.2
13-4	041498	0550	1.5	27.8	43.14	21.60	7.76	5.55	75.0
13-4	041498	1251	0.2	29.9	46.09	22.77	7.92	6.34	88.4
13-4	041498	1252	1.0	30.0	46.18	22.72	7.92	6.46	89.5
13-4	041498	1253	3.3	30.1	46.33	22.66	7.93	6.48	90.0
13-5	041498	0603	0.2	26.2	40.91	21.16	7.85	6.24	82.6
13-5	041498	0604	0.9	26.3	40.98	21.25	7.83	6.18	81.8
13-5	041498	0605	1.5	26.3	40.96	21.22	7.84	6.12	81.2
13-5	041498	1226	0.2	26.4	41.14	22.29	7.98	7.61	102.5
13-5	041498	1227	1.0	26.5	41.37	22.09	7.96	7.51	101.1
13-5	041498	1228	1.8	26.6	41.43	22.02	7.96	7.56	102.0

**Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles**

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
14-1	041498	0612	0.2	25.2	39.47	21.06	7.92	6.80	89.2
14-1	041498	0613	1.0	25.3	39.56	21.10	7.92	6.88	91.0
14-1	041498	0614	4.3	27.2	42.30	22.21	7.84	5.90	79.5
14-1	041498	1205	0.2	25.8	40.33	21.99	7.94	7.00	93.8
14-1	041498	1206	1.0	25.9	40.43	21.99	7.94	7.00	92.8
14-1	041498	1207	1.9	26.4	41.13	22.02	7.92	6.80	91.4
14-2	041498	0620	0.2	24.4	38.29	21.20	7.92	6.77	88.5
14-2	041498	0621	0.9	24.4	38.37	21.25	7.92	6.80	88.4
14-2	041498	0622	1.6	25.6	40.10	21.82	7.84	6.08	81.2
14-2	041498	1146	0.2	24.9	39.08	22.00	7.92	6.78	90.7
14-2	041498	1147	1.0	24.9	39.13	21.99	7.93	6.87	92.1
14-2	041498	1149	1.9	24.9	39.14	22.01	7.93	7.13	94.7
14-3	041498	0633	0.2	23.9	37.63	21.42	7.93	5.84	76.6
14-3	041498	0634	1.0	24.5	38.47	21.99	7.89	5.60	73.9
14-3	041498	0634	1.8	24.9	39.01	22.10	7.85	5.16	69.0
14-3	041498	1126	0.2	24.4	38.39	22.15	8.04	7.36	97.9
14-3	041498	1127	0.7	24.4	38.41	22.12	8.04	7.49	100.0
14-3	041498	1127	1.1	24.5	38.46	22.07	8.03	7.30	97.2
14-4	041498	0646	0.2	23.6	37.24	20.75	8.01	6.96	89.6
14-4	041498	0647	0.7	23.6	37.24	20.74	8.02	6.95	90.0
14-4	041498	0647	1.2	23.6	37.25	20.75	8.03	6.97	90.0
14-4	041498	1107	0.2	24.1	37.92	21.67	8.00	7.22	94.5
14-4	041498	1108	0.9	24.1	37.89	21.65	8.04	7.33	96.1
14-4	041498	1109	1.5	24.1	37.90	21.68	8.04	7.30	96.1
14-5	041498	0658	0.3	25.0	39.18	20.79	7.91	5.74	75.0
14-5	041498	1032	0.2	27.4	42.58	21.67	7.97	6.90	89.9
14-5	041498	1033	0.6	27.5	6.558	21.67	7.97	6.36	85.3

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
16-1	041598	0507	0.2	28.2	43.67	22.00	7.86	6.38	86.6
16-1	041598	0508	0.4	28.2	43.73	22.00	7.86	6.36	86.6
16-1	041598	0509	0.5	28.2	43.74	22.00	7.87	6.35	85.7
16-1	041598	1434	0.2	31.1	47.96	24.01	7.98	7.56	108.4
16-1	041598	1435	1.0	31.2	47.82	23.93	7.99	7.60	109.2
16-1	041598	1436	1.7	31.5	48.28	23.59	7.99	7.66	109.5
16-2	041598	0519	0.2	28.2	43.28	21.67	7.86	5.95	80.0
16-2	041598	0519	0.7	29.2	45.02	22.00	7.88	6.02	82.4
16-2	041598	0520	1.2	29.4	45.36	22.09	7.89	6.15	83.6
16-2	041598	1352	0.2	31.9	48.72	23.66	8.02	7.43	106.5
16-2	041598	1353	0.9	32.0	48.92	23.41	8.02	7.56	107.9
16-2	041598	1354	1.6	32.0	48.91	23.44	8.02	7.66	109.4
16-3	041598	0537	0.2	30.1	46.31	21.76	7.96	6.64	90.6
16-3	041598	0537	1.0	30.1	46.36	21.78	7.96	6.73	91.7
16-3	041598	0538	1.9	32.0	48.92	21.88	7.99	6.87	95.5
16-3	041598	1325	0.2	32.0	49.01	23.23	7.99	7.22	102.7
16-3	041598	1326	1.0	32.7	49.89	22.99	8.00	7.46	105.8
16-3	041598	1326	2.1	32.7	49.97	22.95	8.01	7.58	107.8
16-4	041598	0548	0.2	31.1	47.72	21.95	7.96	6.16	85.2
16-4	041598	0548	0.5	31.2	47.87	22.01	7.96	6.08	84.1
16-4	041598	0549	0.7	31.2	47.90	22.00	7.96	6.09	84.0
16-4	041598	1245	0.2	32.2	49.31	23.55	8.03	7.56	108.5
16-4	041598	1246	0.6	32.2	49.31	23.54	8.03	7.61	109.2
16-4	041598	1246	0.9	32.2	49.21	23.57	8.03	7.68	109.7
16-5	041598	0604	0.2	33.1	50.41	21.62	8.01	6.57	91.3
16-5	041598	0605	1.0	33.1	50.46	21.64	8.02	6.66	92.5
16-5	041598	0606	3.3	33.1	50.46	21.67	8.04	6.86	95.4
16-5	041598	1221	0.2	33.3	50.74	22.60	8.03	7.38	104.8
16-5	041598	1221	1.0	33.3	50.76	22.59	8.04	7.49	106.0
16-5	041598	1222	3.5	33.3	50.70	22.62	8.04	7.63	108.2

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	041598	0645	0.2	21.1	33.63	22.68	7.84	5.27	69.1
LB-1	041598	0646	0.4	21.3	33.95	22.70	7.84	5.23	69.1
LB-1	041598	0646	0.6	21.3	33.91	22.65	7.83	5.21	68.6
LB-1	041598	1123	0.2	21.8	34.63	23.95	7.85	6.31	85.0
LB-1	041598	1124	0.7	21.8	34.67	23.86	7.85	5.98	81.0
LB-1	041598	1125	1.2	21.8	34.72	23.78	7.84	6.03	81.8
LB-2	041598	0655	0.2	20.7	33.13	22.89	7.94	5.77	76.4
LB-2	041598	0655	0.6	20.7	33.10	22.87	7.93	5.72	75.6
LB-2	041598	0656	0.9	20.7	33.08	22.86	7.93	5.70	75.2
LB-2	041598	1101	0.2	20.6	32.95	23.59	7.95	6.23	83.4
LB-2	041598	1102	0.6	20.6	32.96	23.56	7.94	6.08	81.8
LB-2	041598	1102	0.9	20.6	32.96	23.44	7.93	6.16	81.7
LB-3	041598	0703	0.2	20.5	32.79	22.33	7.99	6.00	78.1
LB-3	041598	0703	0.6	20.5	32.82	22.34	7.99	5.99	78.4
LB-3	041598	0703	1.0	20.5	32.82	22.34	7.99	6.00	78.6
LB-3	041598	1043	0.2	20.2	32.41	23.10	8.04	6.84	90.6
LB-3	041598	1044	0.7	20.3	32.44	23.11	8.04	6.90	91.5
LB-3	041598	1045	1.1	20.3	32.43	23.10	8.04	6.84	90.5
LB-4	041598	0713	0.2	23.6	37.19	22.42	8.27	7.56	100.5
LB-4	041598	0713	1.0	23.6	37.18	22.40	8.28	7.60	101.2
LB-4	041598	0714	3.4	26.0	40.70	22.91	7.98	3.51	47.6
LB-4	041598	1019	0.2	24.3	38.24	22.81	8.25	7.16	96.5
LB-4	041598	1020	1.0	24.4	38.44	22.72	8.24	7.14	96.1
LB-4	041598	1021	2.2	25.0	39.22	22.76	8.18	6.25	84.9
LB-5	041598	0724	0.2	25.5	39.99	21.69	8.14	5.95	79.1
LB-5	041598	0724	0.4	25.5	39.97	21.69	8.14	5.92	78.7
LB-5	041598	0725	0.5	25.5	39.95	21.70	8.14	5.90	78.5
LB-5	041598	0958	0.2	25.8	40.33	22.76	8.26	8.00	108.6
LB-5	041598	0959	0.4	25.8	40.37	22.75	8.27	8.06	109.8
LB-5	041598	0959	0.6	25.8	40.39	22.74	8.27	8.10	109.9

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
ML-1	041598	0606	0.2	0.33	0.679	21.86	7.21	6.59	75.1
ML-1	041598	0606	0.4	0.34	0.694	21.88	7.14	6.50	74.4
ML-1	041598	0606	0.6	0.34	0.696	21.87	7.11	6.48	74.2
ML-1	041598	1317	0.2	0.36	0.738	26.37	7.26	7.63	95.0
ML-1	041598	1318	0.4	0.36	0.729	25.98	7.24	7.62	94.2
ML-1	041598	1319	0.6	0.38	0.776	25.03	7.15	7.57	92.0
ML-2	041598	0546	0.2	0.61	1.231	22.52	7.36	7.26	84.3
ML-2	041598	0546	0.6	0.62	1.236	22.58	7.35	7.25	84.2
ML-2	041598	0547	0.9	0.62	1.236	22.58	7.34	7.25	84.2
ML-2	041598	1348	0.2	0.60	1.216	25.62	7.67	8.31	102.2
ML-2	041598	1349	0.4	0.61	1.220	25.58	7.68	8.31	102.3
ML-2	041598	1349	0.6	0.61	1.221	25.57	7.69	8.30	102.0
ML-3	041598	0537	0.2	0.62	1.239	22.87	7.40	7.61	88.6
ML-3	041598	0537	0.5	0.62	1.235	22.88	7.38	7.59	88.5
ML-3	041598	0538	0.7	0.61	1.233	22.89	7.37	7.55	88.1
ML-3	041598	1401	0.2	0.61	1.228	24.92	7.60	8.11	98.4
ML-3	041598	1402	0.5	0.61	1.218	24.86	7.59	8.09	97.8
ML-3	041598	1402	0.8	0.60	1.214	24.65	7.58	8.02	96.9
ML-4	041598	0528	0.2	0.58	1.176	22.38	7.36	7.38	85.4
ML-4	041598	0529	0.8	0.59	1.183	22.48	7.39	7.43	86.2
ML-4	041598	0529	1.3	0.59	1.178	22.47	7.40	7.48	86.7
ML-4	041598	1419	0.3	0.56	1.138	25.55	7.72	8.37	102.7
ML-5	041598	0510	0.2	0.61	1.208	22.11	7.01	7.33	84.2
ML-5	041598	0510	0.7	0.60	1.214	22.13	7.08	7.31	84
ML-5	041598	0511	1.2	0.61	1.217	22.16	7.11	7.25	83.6
ML-5	041598	1449	0.2	0.62	1.238	24.69	7.71	8.25	99.7
ML-5	041598	1450	1.0	0.62	1.235	24.64	7.71	8.21	99.1
ML-5	041598	1450	1.8	0.61	1.236	24.64	7.71	8.15	98.4

**Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles**

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
MU-1	041598	0737	0.2	0.08	0.164	22.78	6.96	6.14	71.3
MU-1	041598	0738	1.0	0.08	0.164	22.77	6.92	6.10	70.8
MU-1	041598	0739	2.4	0.08	0.162	22.69	6.90	6.03	69.8
MU-1	041598	1048	0.2	0.08	0.170	23.31	6.76	6.13	71.9
MU-1	041598	1049	1.0	0.08	0.170	23.25	6.82	6.09	71.3
MU-1	041598	1050	1.7	0.08	0.170	23.22	6.84	6.06	71.0
MU-2	041598	0719	0.2	0.08	0.170	22.56	6.99	5.98	69.2
MU-2	041598	0720	1.0	0.08	0.168	22.59	6.93	5.94	68.7
MU-2	041598	0720	1.8	0.08	0.167	22.60	6.91	5.91	68.4
MU-2	041598	1119	0.2	0.08	0.167	23.38	6.89	6.08	71.4
MU-2	041598	1121	1.0	0.08	0.163	23.32	6.92	6.00	70.4
MU-2	041598	1122	1.7	0.08	0.163	23.30	6.88	5.99	70.2
MU-3	041598	0706	0.2	0.09	0.174	22.55	7.00	6.03	69.6
MU-3	041598	0706	1.0	0.08	0.173	22.57	6.95	5.96	69.0
MU-3	041598	0707	2.7	0.08	0.173	22.56	6.93	5.90	68.2
MU-3	041598	1139	0.2	0.08	0.162	23.68	6.91	6.02	70.8
MU-3	041598	1140	1.0	0.08	0.162	23.48	6.89	6.00	70.7
MU-3	041598	1140	2.2	0.08	0.162	23.40	6.89	5.98	70.3
MU-4	041598	0647	0.2	0.12	0.248	22.49	7.03	6.70	77.4
MU-4	041598	0648	0.9	0.12	0.241	22.52	6.99	6.31	72.8
MU-4	041598	0648	1.6	0.12	0.239	22.52	6.98	6.22	71.9
MU-4	041598	1209	0.2	0.10	0.201	24.61	7.09	6.97	83.8
MU-4	041598	1210	0.4	0.10	0.198	24.54	7.06	6.95	83.5
MU-4	041598	1211	0.6	0.10	0.215	24.00	7.07	6.91	82.2
MU-5	041598	0634	0.2	0.14	0.297	22.44	7.08	6.21	71.5
MU-5	041598	0634	0.4	0.14	0.295	22.46	7.04	6.10	70.4
MU-5	041598	0635	0.6	0.14	0.294	22.45	7.02	6.06	70.0
MU-5	041598	1241	0.2	0.11	0.226	25.38	7.21	7.67	93.7
MU-5	041598	1241	0.5	0.11	0.220	25.14	7.18	7.70	93.4
MU-5	041598	1242	0.8	0.11	0.220	24.88	7.15	7.65	92.4

Sarasota Bay / Myakka River Status and Trends Monitoring

Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	041498	0542	27.34639	-82.58972	27.34692	-82.58925	2.4			
10-1	041498	1341	27.34639	-82.58972	27.34667	-82.58943	2.6	2.3	980261	0.19
10-2	041498	0458	27.33833	-82.57278	27.33868	-82.57295	3.4			
10-2	041498	1433	27.33833	-82.57278	27.33873	-82.57278	3.0	1.5	980265	0.42
10-3	041498	0517	27.33861	-82.58139	27.47238	-82.58203	4.0			
10-3	041498	1409	27.33861	-82.58139	27.33845	-82.58142	4.2	2.5	980264	1.09
10-4	041498	0704	27.32556	-82.56750	27.32538	-82.53402	3.6			
10-4	041498	1028	27.32556	-82.56750	27.32562	-82.56778	1.9	>B	980262	0.54
10-5	041498	0645	27.30417	-82.55556	27.30448	-82.55548	2.0			
10-5	041498	1106	27.30417	-82.55556	27.30428	-82.55550	2.2	>B	980256	0.67
11-1	041498	0552	27.36500	-82.56694	27.36477	-82.56688	3.2			
11-1	041498	1313	27.36500	-82.56694	27.35000	-82.56730	3.6	1.6	980263	0.48
11-2	041498	0601	27.35444	-82.56194	27.35413	-82.56162	3.5			
11-2	041498	1250	27.35444	-82.56194	27.35498	-82.56202	3.8	1.6	980257	0.24
11-3	041498	0612	27.34333	-82.55306	27.47618	-82.55338	2.6			
11-3	041498	1223	27.34333	-82.55306	27.34315	-82.55310	3.1	1.5	980260	0.37
11-4	041498	0626	27.31806	-82.54667	27.31783	-82.54693	1.5			
11-4	041498	1154	27.31806	-82.54667	27.31817	-82.54645	2.0	1.6	980255	0.42
11-5	041498	0633	27.30972	-82.54583	27.30973	-82.54595	2.6			
11-5	041498	1133	27.30972	-82.54583	27.30983	-82.54533	3.0	1.5	980258	0.95
13-1	041498	0457	27.29972	-82.54472	27.29968	-82.54451	1.9			
13-1	041498	1402	27.29972	-82.54472	27.29950	-82.54382	2.3	1.5	980272	0.57
13-2	041498	0516	27.27833	-82.54361	27.27892	-82.54388	0.7			
13-2	041498	1342	27.27833	-82.54361	27.27846	-82.54247	2.3	1.7	980276	0.75
13-3	041498	0539	27.26306	-82.53917	27.26290	-82.53843	1.7			
13-3	041498	1315	27.26306	-82.53917	27.26424	-82.53789	1.7	1.4	980266	0.91
13-4	041498	0549	27.25778	-82.53639	27.25850	-82.53526	1.7			
13-4	041498	1251	27.25778	-82.53639	27.25852	-82.53269	3.5	1.5	980269	0.62
13-5	041498	0603	27.24528	-82.52694	27.24516	-82.52660	1.7			
13-5	041498	1226	27.24528	-82.52694	27.24524	-82.52636	2.0	1.2	980274	1.02
14-1	041498	0612	27.24000	-82.51889	27.24014	-82.51900	4.5			
14-1	041498	1205	27.24000	-82.51889	27.24022	-82.51919	2.1	1.4	980268	1.02
14-2	041498	0620	27.22806	-82.51056	27.22800	-82.51070	1.8			
14-2	041498	1146	27.22806	-82.51056	27.22805	-82.51088	2.1	1.4	980267	1.11
14-3	041498	0633	27.21278	-82.50194	27.21228	-82.50232	2.0			
14-3	041498	1126	27.21278	-82.50194	27.21290	-82.50301	1.3	>B	980270	1.23
14-4	041498	0646	27.20028	-82.50250	27.20041	-82.50287	1.4			
14-4	041498	1107	27.20028	-82.50250	27.20062	-82.50275	1.7	>B	980273	1.05
14-5	041498	0658	27.18000	-82.49694	27.18203	-82.49533	0.6			
14-5	041498	1032	27.18000	-82.49694	27.18111	-82.49688	0.8	>B	980275	0.71
16-1	041598	0507	27.17472	-82.49306	27.17478	-82.49238	0.7			
16-1	041598	1434	27.17472	-82.49306	27.17524	-82.49165	1.9	>B	980278	0.76

Sarasota Bay / Myakka River Status and Trends Monitoring

Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
16-2	041598	0519	27.16583	-82.48639	27.16565	-82.49650	1.4			
16-2	041598	1352	27.16583	-82.48639	27.16598	-82.48665	1.8	>B	980280	0.64
16-3	041598	0537	27.15444	-82.48028	27.15483	-82.48010	2.1			
16-3	041598	1325	27.15444	-82.48028	27.15500	-82.48088	2.3	1.8	980277	0.61
16-4	041598	0548	27.14222	-82.47500	27.14346	-82.47563	0.9			
16-4	041598	1245	27.14222	-82.47500	27.14228	-82.47466	1.1	>B	980284	0.56
16-5	041598	0604	27.12472	-82.46972	27.12480	-82.46930	3.5			
16-5	041598	1221	27.12472	-82.46972	27.12572	-82.46921	3.7	1.6	980286	0.43
LB-1	041598	0645	27.03917	-82.43000	27.04010	-82.42911	0.8			
LB-1	041598	1123	27.03917	-82.43000	27.04002	-82.42899	1.4	>B	980279	1.10
LB-2	041598	0655	27.01889	-82.41694	27.01890	-82.41588	1.1			
LB-2	041598	1101	27.01889	-82.41694	27.01934	-82.41593	1.1	>B	980287	0.98
LB-3	041598	0703	27.00250	-82.40556	27.00293	-82.40548	1.2			
LB-3	041598	1043	27.00250	-82.40556	27.00251	-82.40539	1.3	>B	980282	1.13
LB-4	041598	0713	26.97167	-82.38028	26.97200	-82.38000	3.6			
LB-4	041598	1019	26.97167	-82.38028	26.97184	-82.38026	2.4	1.7	980283	0.84
LB-5	041598	0724	26.95639	-82.37278	26.95768	-82.37278	0.7			
LB-5	041598	0958	26.95639	-82.37278	26.95695	-82.37341	0.8	>B	980281	0.45
ML-1	041598	0606	27.03944	-82.28528	27.03942	-82.28542	0.8			
ML-1	041598	1317	27.03944	-82.28528	27.03935	-82.28528	0.8	>B	980294	3.14
ML-2	041598	0546	27.02833	-82.27444	27.02825	-82.27307	1.1			
ML-2	041598	1348	27.02833	-82.27444	27.02833	-82.27325	0.8	>B	980292	3.00
ML-3	041598	0537	27.03056	-82.27250	27.03048	-82.27260	0.9			
ML-3	041598	1401	27.03056	-82.27250	27.03043	-82.27258	1.0	0.7	980288	3.13
ML-4	041598	0528	27.02500	-82.27139	27.02640	-82.27190	1.5			
ML-4	041598	1419	27.02500	-82.27139	27.02513	-82.27188	0.4	>B	980291	ND
ML-5	041598	0510	27.01167	-82.26944	27.01170	-82.26973	1.4			
ML-5	041598	1449	27.01167	-82.26944	27.01162	-82.26950	2.0	0.9	980295	2.80
MU-1	041598	0737	27.09083	-82.32750	27.09000	-82.32697	2.6			
MU-1	041598	1048	27.09083	-82.32750	27.08985	-82.32685	1.9	1.1	980298	2.72
MU-2	041598	0719	27.08000	-82.31944	27.07960	-82.31873	2.0			
MU-2	041598	1119	27.08000	-82.31944	27.07975	-82.31895	1.9	1.0	980297	2.27
MU-3	041598	0706	27.07139	-82.31667	27.07225	-82.31545	2.9			
MU-3	041598	1139	27.07139	-82.31667	27.07263	-82.31570	2.4	0.8	980293	2.15

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	1.0M	1343	980261	4/14/1998	U0.005	U0.005	U0.005	0.31	0.31	0.026	0.08	0.7	5	2.5	7	8.15	2.0	0.8	33.1
10-2	1.0M	1428	980265	4/14/1998	U0.005	U0.005	U0.005	0.25	0.25	0.026	0.09	1.6	26	3.2	9	8.15	2.9	U0.5	33.2
10-3	1.0M	1408	980264	4/14/1998	U0.005	0.005	U0.005	0.20	0.20	0.026	0.08	0.9	11	2.5	6	8.18	1.9	U0.5	33.2
10-4	MID	1025	980262	4/14/1998	0.007	0.012	U0.005	0.26	0.26	0.029	0.09	0.2	8	3.1	7	8.10	2.2	U0.5	33.0
10-4 REP	MID	1040	980259	4/14/1998	U0.005	0.007	U0.005	0.14	0.14	0.030	0.07	0.1	11	3.5	8	8.10	2.5	0.8	NA
10-5	1.0M	1110	980256	4/14/1998	U0.005	0.007	0.005	0.16	0.17	0.026	0.07	0.4	9	2.3	9	8.07	3.2	U0.5	33.4
11-1	1.0M	1310	980263	4/14/1998	U0.005	U0.005	U0.005	0.25	0.25	0.029	0.11	0.7	8	2.7	8	8.15	4.0	U0.5	33.0
11-2	1.0M	1246	980257	4/14/1998	U0.005	0.005	U0.005	0.20	0.20	0.030	0.08	0.9	9	3.1	10	8.11	4.7	U0.5	33.1
11-3	1.0M	1215	980260	4/14/1998	0.007	0.008	U0.005	0.28	0.28	0.031	0.09	0.8	9	3.6	13	8.12	3.7	1.3	33.0
11-4	1.0M	1152	980255	4/14/1998	U0.005	U0.005	U0.005	0.19	0.19	0.025	0.08	0.7	10	2.7	12	8.07	2.6	0.9	33.6
11-5	1.0M	1138	980258	4/14/1998	U0.005	0.005	U0.005	0.19	0.19	0.031	0.08	0.6	8	2.6	10	8.09	3.2	U0.5	33.2
13-1	1.0M	1401	980272	4/14/1998	U0.005	U0.005	U0.005	0.28	0.28	0.038	0.10	1.3	16	5.9	12	8.11	5.3	1.3	32.4
13-1 REP	1.0M	1412	980271	4/14/1998	U0.005	U0.005	U0.005	0.25	0.25	0.038	0.10	1.1	11	4.5	13	8.11	5.8	U0.5	NA
13-2	1.0M	1340	980276	4/14/1998	U0.005	U0.005	U0.005	0.30	0.30	0.055	0.13	1.2	11	4.9	17	8.06	5.6	1.5	31.2
13-3	MID	1312	980266	4/14/1998	0.009	0.011	0.010	0.34	0.35	0.066	0.16	1.5	6	4.4	17	8.00	4.8	1.1	30.0
13-4	1.0M	1249	980269	4/14/1998	0.011	0.012	0.011	0.33	0.34	0.072	0.14	1.2	10	3.7	20	7.98	4.8	0.6	29.9
13-5	MID	1224	980274	4/14/1998	0.012	0.010	0.010	0.44	0.45	0.092	0.20	1.5	9	4.8	26	8.02	3.1	2.3	26.4
14-1	1.0M	1206	980268	4/14/1998	0.007	0.008	0.005	0.43	0.44	0.089	0.17	1.7	7	4.4	23	8.00	3.9	1.8	25.8
14-2	1.0M	1145	980267	4/14/1998	0.014	0.007	U0.005	0.54	0.54	0.087	0.19	1.7	12	5.0	26	7.98	4.9	2.0	24.9
14-3	MID	1123	980270	4/14/1998	0.010	U0.005	U0.005	0.49	0.49	0.073	0.17	1.7	14	5.8	27	8.07	3.4	2.3	24.4
14-4	MID	1101	980273	4/14/1998	0.018	U0.005	U0.005	0.51	0.51	0.069	0.17	1.7	9	5.7	27	8.07	3.5	2.1	24.1
14-5	MID	1033	980275	4/14/1998	0.024	0.017	0.007	0.40	0.41	0.060	0.13	0.9	7	3.5	21	8.01	2.9	1.0	27.4

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	MID	1433	980278	4/15/1998	U0.005	U0.005	U0.005	0.26	0.26	0.032	0.09	1.0	8	2.8	12	8.12	3.0	0.5	31.1
16-2	1.0M	1352	980280	4/15/1998	U0.005	U0.005	U0.005	0.24	0.24	0.027	0.08	0.9	6	2.8	13	8.11	3.1	U0.5	31.9
16-2 REP	1.0M	1419	980285	4/15/1998	U0.005	U0.005	U0.005	0.21	0.21	0.028	0.08	0.9	11	2.8	10	8.11	3.4	U0.5	NA
16-3	1.0M	1325	980277	4/15/1998	U0.005	U0.005	U0.005	0.18	0.18	0.024	0.08	0.8	4	3.0	10	8.10	2.9	U0.5	32.0
16-4	MID	1245	980284	4/15/1998	U0.005	U0.005	U0.005	0.23	0.23	0.025	0.08	0.9	8	3.7	12	8.12	3.5	U0.5	32.2
16-5	1.0M	1220	980286	4/15/1998	U0.005	U0.005	U0.005	0.16	0.16	0.015	0.05	0.7	11	5.8	9	8.15	2.8	U0.5	33.3
LB-1	MID	1123	980279	4/15/1998	U0.005	0.008	0.007	0.58	0.59	0.090	0.20	1.9	6	2.9	42	7.96	5.2	0.8	21.8
LB-2	MID	1101	980287	4/15/1998	U0.005	U0.005	U0.005	0.53	0.53	0.082	0.20	2.2	8	3.0	42	8.00	5.7	2.1	20.6
LB-3	MID	1043	980282	4/15/1998	U0.005	U0.005	U0.005	0.68	0.68	0.080	0.21	3.5	4	2.9	40	8.09	5.6	2.6	20.2
LB-4	1.0M	1018	980283	4/15/1998	U0.005	U0.005	U0.005	0.55	0.55	0.048	0.14	4.2	7	2.9	25	8.30	9.6	1.1	24.3
LB-5	MID	0954	980281	4/15/1998	U0.005	U0.005	U0.005	0.50	0.50	0.037	0.11	2.9	6	2.1	20	8.34	5.2	2.2	25.8
ML-1	MID	1310	980294	4/15/1998	0.010	U0.005	U0.005	0.71	0.71	0.289	0.35	2.0	4	2.5	170	7.51	8.9	2.8	0.36
ML-2	MID	1338	980292	4/15/1998	0.010	U0.005	U0.005	0.71	0.71	0.254	0.33	2.0	7	5.3	150	7.86	15.7	2.2	0.60
ML-3	MID	1400	980288	4/15/1998	U0.005	U0.005	U0.005	0.71	0.71	0.242	0.30	2.1	4	2.8	170	7.81	15.0	4.1	0.61
ML-4	MID	1418	980291	4/15/1998	U0.005	U0.005	U0.005	0.73	0.73	0.219	0.31	2.2	9	6.3	160	7.89	19.0	2.4	0.56
ML-5	1.0M	1542	980295	4/15/1998	U0.005	U0.005	U0.005	0.69	0.69	0.244	0.31	2.5	4	2.9	160	7.84	9.3	1.6	0.62
ML-5 REP	1.0M	1550	980290	4/15/1998	0.007	U0.005	U0.005	0.71	0.71	0.243	0.33	1.6	4	3.4	160	7.85	10.6	2.5	NA
MU-1	MID	1035	980298	4/15/1998	0.037	0.045	0.044	0.74	0.78	0.344	0.38	1.8	U2	1.5	150	7.29	2.2	U0.5	0.08
MU-2	1.0M	1110	980297	4/15/1998	0.043	0.038	0.038	0.74	0.78	0.342	0.39	1.6	U2	1.5	160	7.25	1.3	0.8	0.08
MU-3	1.0M	1130	980293	4/15/1998	0.037	0.037	0.037	0.72	0.76	0.333	0.38	1.0	U2	1.4	160	7.22	1.8	U0.5	0.08
MU-4	MID	1206	980296	4/15/1998	0.025	0.032	0.033	0.77	0.80	0.325	0.39	2.0	U2	1.4	150	7.40	6.6	U0.5	0.10
MU-5	MID	1237	980289	4/15/1998	0.030	0.022	0.022	0.79	0.81	0.310	0.37	1.9	3	2.1	160	7.53	16.3	1.5	0.11
EQP BLK		0815	980300	4/15/1998	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	0.2	U2	U0.2	U1	5.83	U0.5	U0.5	NA
EQP-BLK		0800	980299	4/15/1998	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	0.2	U2	U0.2	U1	5.80	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rain Intensity		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)
			Begin (EST)	End (EST)	Min	Max	Min	Max (%)				
041498	AM	10	0458	0704	0		0	- 5	22	110 - 120	<5 - 5	<0.5
041498	PM	10	1028	1433	0		5	- 20		115 - 160	5 - 10	<0.5 - 0.5
041498	AM	11	0552	0633	0		5			110 - 120	5	<0.5
041498	PM	11	1133	1313	0		5	- 20		140 - 170	10 - 15	<0.5 - 2.0
041498	AM	13	0457	0603	0		0		20	110 - 140	<5 - 5	<0.5 - 0.5
041498	PM	13	1226	1402	0		5	- 10		170 - 240	10	<0.5 - 1.0
041498	AM	14	0612	0658	0		0	- 20		110	<5 - 5	<0.5 - 0.5
041498	PM	14	1032	1205	0		5	- 20		180 - 240	10 - 15	<0.5 - 1.0
041598	AM	16	0507	0604	0		0		20	120 - 150	5	<0.5 - 0.5
041598	PM	16	1221	1434	0		0	- 5		140 - 180	10	<0.5 - 1.0
041598	AM	LB	0645	0724	0		0			120 - 130	5	<0.5 - 0.5
041598	PM	LB	0958	1123	0		5			150 - 180	10 - 15	<0.5 - 1.0
041598	AM	ML	0510	0606	0		0		22	135	5	<0.5
041598	PM	ML	1317	1449	0		5	- 10		135 - 180	<5 - 5	<0.5
041598	AM	MU	0634	0737	0		0			-	<5	<0.5
041598	PM	MU	1048	1241	0		10	- 20		135 - 180	<5 - 5	<0.5

Hydrolab DS3 Continuous Deployment at Station 16-4

April 14-15, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
16-4	041498	0800	20.39	7.91	47213	30.8	86.9	6.5
16-4	041498	0815	20.48	7.89	47696	31.1	83.6	6.2
16-4	041498	0830	20.58	7.91	48028	31.4	84.1	6.2
16-4	041498	0845	20.75	7.93	48198	31.5	86.4	6.4
16-4	041498	0900	20.89	7.94	48304	31.6	87.0	6.4
16-4	041498	0915	21.03	7.95	48529	31.7	89.4	6.6
16-4	041498	0930	21.18	7.97	48565	31.8	92.7	6.8
16-4	041498	0945	21.30	7.98	48869	32.0	95.2	6.9
16-4	041498	1000	21.46	7.99	49248	32.3	98.2	7.1
16-4	041498	1015	21.58	8.01	49425	32.4	101.3	7.3
16-4	041498	1030	21.62	8.01	50084	32.9	101.6	7.3
16-4	041498	1045	21.63	8.00	50251	33.0	100.2	7.2
16-4	041498	1100	21.71	8.01	50410	33.1	102.2	7.4
16-4	041498	1115	21.77	8.00	50372	33.1	101.7	7.3
16-4	041498	1130	21.82	8.00	50580	33.2	101.0	7.2
16-4	041498	1145	22.01	8.01	50473	33.2	104.0	7.4
16-4	041498	1200	22.13	8.01	50508	33.2	104.4	7.4
16-4	041498	1215	22.28	8.03	50821	33.4	107.5	7.6
16-4	041498	1230	22.40	8.03	50797	33.4	108.1	7.7
16-4	041498	1245	22.53	8.04	50926	33.5	109.7	7.8
16-4	041498	1300	22.64	8.04	51186	33.7	110.8	7.8
16-4	041498	1315	22.82	8.06	51217	33.7	113.6	8.0
16-4	041498	1330	22.93	8.06	51276	33.8	114.8	8.0
16-4	041498	1345	22.68	8.06	51417	33.9	118.5	8.3
16-4	041498	1400	22.63	8.08	51846	34.2	120.9	8.5
16-4	041498	1415	22.67	8.08	51987	34.3	121.9	8.6
16-4	041498	1430	22.63	8.08	51997	34.3	122.0	8.6
16-4	041498	1445	22.45	8.06	52045	34.3	114.9	8.1
16-4	041498	1500	22.52	8.06	52152	34.4	114.7	8.1
16-4	041498	1515	22.60	8.07	52184	34.4	114.8	8.1
16-4	041498	1530	22.61	8.07	52202	34.4	114.2	8.0
16-4	041498	1545	22.61	8.07	52208	34.4	113.9	8.0
16-4	041498	1600	22.58	8.07	52181	34.4	113.9	8.0

Hydrolab DS3 Continuous Deployment at Station 16-4

April 14-15, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
16-4	041498	1615	22.59	8.07	52159	34.4	113.9	8.0
16-4	041498	1630	22.60	8.07	52206	34.4	113.3	7.9
16-4	041498	1645	22.57	8.07	52240	34.5	112.7	7.9
16-4	041498	1700	22.58	8.07	52249	34.5	112.1	7.9
16-4	041498	1715	22.59	8.07	52192	34.4	111.3	7.8
16-4	041498	1730	22.62	8.06	52105	34.4	110.3	7.7
16-4	041498	1745	22.61	8.06	52072	34.3	110.1	7.7
16-4	041498	1800	22.57	8.06	52035	34.3	109.7	7.7
16-4	041498	1815	22.55	8.06	51973	34.3	109.3	7.7
16-4	041498	1830	22.49	8.06	51957	34.3	108.7	7.6
16-4	041498	1845	22.46	8.06	51962	34.3	107.8	7.6
16-4	041498	1900	22.41	8.05	51751	34.1	106.6	7.5
16-4	041498	1915	22.39	8.05	51413	33.9	105.3	7.4
16-4	041498	1930	22.36	8.04	50832	33.4	104.1	7.4
16-4	041498	1945	22.26	8.04	50286	33.0	103.5	7.4
16-4	041498	2000	22.24	8.04	50003	32.8	102.6	7.3
16-4	041498	2015	22.21	8.03	49756	32.6	101.7	7.3
16-4	041498	2030	22.22	8.03	49681	32.6	100.8	7.2
16-4	041498	2045	22.15	8.03	49581	32.5	100.0	7.2
16-4	041498	2100	22.07	8.03	49527	32.5	98.9	7.1
16-4	041498	2115	22.04	8.02	49471	32.4	97.2	7.0
16-4	041498	2130	21.97	8.02	49479	32.4	95.0	6.8
16-4	041498	2145	21.81	8.01	49562	32.5	92.4	6.7
16-4	041498	2200	21.48	7.99	49757	32.6	88.0	6.4
16-4	041498	2215	21.52	7.99	49808	32.7	86.9	6.3
16-4	041498	2230	21.94	8.00	49339	32.3	89.8	6.5
16-4	041498	2245	22.05	8.01	48980	32.1	90.8	6.5
16-4	041498	2300	22.15	8.01	48724	31.9	90.8	6.5
16-4	041498	2315	22.20	8.01	48607	31.8	92.0	6.6
16-4	041498	2330	22.14	8.01	48852	32.0	91.3	6.6
16-4	041498	2345	22.15	8.01	49004	32.1	91.1	6.5
16-4	041598	0000	22.18	8.01	49054	32.1	90.6	6.5
16-4	041598	0015	22.15	8.01	49279	32.3	90.3	6.5
16-4	041598	0030	22.17	8.01	49302	32.3	90.5	6.5

Hydrolab DS3 Continuous Deployment at Station 16-4

April 14-15, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
16-4	041598	0045	22.13	8.00	49450	32.4	89.2	6.4
16-4	041598	0100	22.13	8.00	49526	32.5	88.8	6.4
16-4	041598	0115	22.08	8.00	49667	32.6	88.5	6.3
16-4	041598	0130	22.06	8.00	49709	32.6	86.6	6.2
16-4	041598	0145	22.03	7.99	49803	32.7	86.8	6.2
16-4	041598	0200	21.98	7.99	49914	32.8	85.6	6.1
16-4	041598	0215	21.97	7.99	50042	32.9	82.9	5.9
16-4	041598	0230	21.84	7.99	50144	32.9	84.4	6.1
16-4	041598	0245	21.82	7.99	50223	33.0	82.4	5.9
16-4	041598	0300	21.80	7.98	50267	33.0	82.6	5.9
16-4	041598	0315	21.77	7.98	50334	33.1	82.1	5.9
16-4	041598	0330	21.77	7.97	50446	33.1	79.6	5.7
16-4	041598	0345	21.77	7.96	50417	33.1	75.1	5.4
16-4	041598	0400	21.78	7.95	50145	32.9	76.8	5.5
16-4	041598	0415	21.83	7.94	49829	32.7	76.1	5.5
16-4	041598	0430	21.83	7.95	49664	32.6	75.8	5.5
16-4	041598	0445	21.85	7.95	49732	32.6	77.8	5.6
16-4	041598	0500	21.86	7.94	49849	32.7	75.5	5.4
16-4	041598	0515	21.86	7.95	49758	32.6	75.8	5.4
16-4	041598	0530	21.75	7.96	49464	32.4	79.7	5.7
16-4	041598	0545	21.62	7.97	49316	32.3	82.3	6.0
16-4	041598	0600	21.65	7.97	49257	32.3	82.6	6.0
16-4	041598	0615	21.65	7.98	49302	32.3	82.4	6.0
16-4	041598	0630	21.61	7.98	49306	32.3	82.7	6.0
16-4	041598	0645	21.60	7.98	49298	32.3	82.8	6.0
16-4	041598	0700	21.53	7.99	49261	32.3	83.4	6.0
16-4	041598	0715	21.46	7.99	49239	32.3	84.7	6.1
16-4	041598	0730	21.45	8.00	49202	32.2	88.2	6.4
16-4	041598	0745	21.51	7.99	49199	32.2	85.8	6.2
16-4	041598	0800	21.57	7.98	49271	32.3	86.3	6.3
16-4	041598	0815	21.56	7.98	49328	32.3	86.8	6.3
16-4	041598	0830	21.62	7.95	49533	32.5	80.9	5.8
16-4	041598	0845	21.69	7.95	49770	32.7	79.0	5.7
16-4	041598	0900	21.79	7.97	49894	32.7	84.1	6.1

Hydrolab DS3 Continuous Deployment at Station 16-4

April 14-15, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
16-4	041598	0915	21.96	7.99	50019	32.8	88.4	6.3
16-4	041598	0930	22.16	8.01	50282	33.0	92.2	6.6
16-4	041598	0945	22.23	8.00	50495	33.2	91.5	6.5
16-4	041598	1000	22.36	8.01	50632	33.3	93.7	6.7
16-4	041598	1015	22.42	8.02	50770	33.4	95.3	6.7
16-4	041598	1030	22.51	8.03	50879	33.5	97.9	6.9
16-4	041598	1045	22.68	8.04	50886	33.5	100.0	7.0
16-4	041598	1100	22.84	8.05	50899	33.5	103.9	7.3
16-4	041598	1115	22.93	8.05	50974	33.5	105.0	7.4
16-4	041598	1130	23.01	8.05	51019	33.6	105.5	7.4
16-4	041598	1145	23.11	8.06	50997	33.6	106.5	7.4
16-4	041598	1200	23.18	8.05	50893	33.5	105.7	7.4
16-4	041598	1215	23.31	8.05	50888	33.5	107.8	7.5
16-4	041598	1230	23.44	8.06	50900	33.5	108.1	7.5
16-4	041598	1245	23.53	8.06	51067	33.6	109.7	7.6

Hydrolab DS3 Continuous Deployment at Station 16-2

April 14-15, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
16-2	041498	0830	20.86	7.77	42157	27.1	104.1	7.9
16-2	041498	0845	20.84	7.81	42743	27.5	107.2	8.1
16-2	041498	0900	20.97	7.83	43125	27.8	107.1	8.1
16-2	041498	0915	21.00	7.86	43831	28.3	109.8	8.2
16-2	041498	0930	21.07	7.87	43900	28.4	111.2	8.3
16-2	041498	0945	21.13	7.88	44032	28.5	113.0	8.4
16-2	041498	1000	21.23	7.89	44681	28.9	114.3	8.5
16-2	041498	1015	21.30	7.90	45199	29.3	116.3	8.6
16-2	041498	1030	21.30	7.90	46161	30.0	117.8	8.7
16-2	041498	1045	21.43	7.90	46312	30.1	119.0	8.8
16-2	041498	1100	21.52	7.91	46640	30.4	119.9	8.8
16-2	041498	1115	21.57	7.91	47017	30.6	119.7	8.8
16-2	041498	1130	21.55	7.91	47413	30.9	120.5	8.8
16-2	041498	1145	21.62	7.91	47599	31.1	120.7	8.8
16-2	041498	1200	21.66	7.91	47743	31.2	121.0	8.8
16-2	041498	1215	21.64	7.91	48191	31.5	121.1	8.8
16-2	041498	1230	21.70	7.92	48452	31.7	121.8	8.8
16-2	041498	1245	21.84	7.92	48530	31.7	123.4	8.9
16-2	041498	1300	21.94	7.93	48669	31.8	123.8	8.9
16-2	041498	1315	22.05	7.94	48680	31.9	124.8	9.0
16-2	041498	1330	22.28	7.94	48577	31.8	125.9	9.0
16-2	041498	1345	22.33	7.95	48826	32.0	126.2	9.0
16-2	041498	1400	22.13	7.95	49318	32.3	125.5	9.0
16-2	041498	1415	22.14	7.94	49653	32.6	125.5	9.0
16-2	041498	1430	22.28	7.95	49541	32.5	126.8	9.1
16-2	041498	1445	22.17	7.95	49786	32.7	126.9	9.1
16-2	041498	1500	22.35	7.96	49742	32.6	125.9	9.0
16-2	041498	1515	22.65	7.96	48800	31.9	127.8	9.1
16-2	041498	1530	22.65	7.97	48685	31.9	128.6	9.2
16-2	041498	1545	23.10	8.00	47648	31.1	133.5	9.5
16-2	041498	1600	23.19	8.01	47209	30.8	135.0	9.6
16-2	041498	1615	23.26	8.02	46639	30.4	135.8	9.6
16-2	041498	1630	23.72	8.02	45025	29.2	138.5	9.8

Hydrolab DS3 Continuous Deployment at Station 16-2

April 14-15, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
16-2	041498	1645	23.73	8.01	44512	28.8	135.7	9.6
16-2	041498	1700	23.66	8.00	44502	28.8	134.2	9.5
16-2	041498	1715	23.66	7.99	44243	28.6	132.4	9.4
16-2	041498	1730	23.54	8.00	44742	29.0	133.4	9.5
16-2	041498	1745	23.54	8.01	44677	28.9	133.5	9.5
16-2	041498	1800	23.54	8.00	44355	28.7	132.9	9.5
16-2	041498	1815	23.50	8.00	44222	28.6	133.0	9.5
16-2	041498	1830	23.49	8.00	43822	28.3	131.0	9.4
16-2	041498	1845	23.46	7.99	43379	28.0	129.7	9.3
16-2	041498	1900	23.50	7.98	42739	27.5	128.6	9.2
16-2	041498	1915	23.39	7.98	43047	27.8	128.7	9.3
16-2	041498	1930	23.49	7.97	41696	26.8	125.2	9.0
16-2	041498	1945	23.34	7.97	42138	27.1	125.0	9.0
16-2	041498	2000	23.37	7.96	41756	26.8	124.2	9.0
16-2	041498	2015	23.28	7.97	41745	26.8	123.4	8.9
16-2	041498	2030	23.19	7.97	41992	27.0	122.9	8.9
16-2	041498	2045	23.16	7.96	41795	26.9	121.8	8.8
16-2	041498	2100	23.15	7.96	41976	27.0	120.5	8.7
16-2	041498	2115	23.10	7.96	41917	26.9	118.7	8.6
16-2	041498	2130	23.05	7.96	41782	26.8	117.9	8.6
16-2	041498	2145	23.04	7.96	41771	26.8	117.1	8.5
16-2	041498	2200	22.91	7.97	42474	27.3	117.1	8.5
16-2	041498	2215	22.92	7.98	42593	27.4	118.3	8.6
16-2	041498	2230	22.83	7.95	41823	26.9	115.6	8.4
16-2	041498	2245	22.76	7.96	42008	27.0	116.0	8.5
16-2	041498	2300	22.65	7.96	42627	27.5	115.1	8.4
16-2	041498	2315	22.60	7.95	43148	27.8	111.9	8.2
16-2	041498	2330	22.65	7.96	43592	28.1	111.9	8.1
16-2	041498	2345	22.39	7.94	43704	28.2	108.9	8.0
16-2	041598	0000	22.26	7.93	43936	28.4	106.6	7.8
16-2	041598	0015	22.55	7.95	44107	28.5	109.5	8.0
16-2	041598	0030	22.53	7.95	44105	28.5	109.7	8.0
16-2	041598	0045	22.58	7.95	44368	28.7	110.6	8.0

Hydrolab DS3 Continuous Deployment at Station 16-2

April 14-15, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
16-2	041598	0100	22.53	7.97	45070	29.2	113.0	8.2
16-2	041598	0115	22.44	7.96	44995	29.2	113.6	8.3
16-2	041598	0130	22.42	7.96	44929	29.1	112.3	8.2
16-2	041598	0145	22.46	7.97	45190	29.3	112.3	8.1
16-2	041598	0200	22.42	7.96	45379	29.4	111.3	8.1
16-2	041598	0215	22.37	7.96	45630	29.6	109.7	8.0
16-2	041598	0230	22.29	7.96	45931	29.8	109.0	7.9
16-2	041598	0245	22.26	7.96	46197	30.0	108.8	7.9
16-2	041598	0300	22.28	7.96	46392	30.2	106.3	7.7
16-2	041598	0315	22.23	7.96	46515	30.3	106.1	7.7
16-2	041598	0330	22.20	7.95	46821	30.5	104.3	7.6
16-2	041598	0345	22.20	7.95	47271	30.8	103.5	7.5
16-2	041598	0400	22.21	7.95	47348	30.9	103.3	7.5
16-2	041598	0415	22.17	7.95	47280	30.8	105.6	7.6
16-2	041598	0430	22.12	7.96	47146	30.7	106.1	7.7
16-2	041598	0445	22.19	7.95	47539	31.0	107.4	7.8
16-2	041598	0500	22.07	7.95	46884	30.5	107.3	7.8
16-2	041598	0515	22.01	7.94	46557	30.3	104.3	7.6
16-2	041598	0530	21.85	7.91	46029	29.9	98.2	7.2
16-2	041598	0545	21.76	7.88	45687	29.7	92.4	6.8
16-2	041598	0600	21.70	7.88	45372	29.4	90.1	6.6
16-2	041598	0615	21.69	7.89	45103	29.2	89.9	6.6
16-2	041598	0630	21.59	7.89	44913	29.1	91.4	6.7
16-2	041598	0645	21.55	7.88	44975	29.1	89.4	6.6
16-2	041598	0700	21.55	7.88	44782	29.0	87.8	6.5
16-2	041598	0715	21.64	7.88	44854	29.1	89.5	6.6
16-2	041598	0730	21.70	7.89	44859	29.1	89.5	6.6
16-2	041598	0745	21.72	7.89	44914	29.1	90.5	6.7
16-2	041598	0800	21.70	7.89	44730	29.0	91.2	6.7
16-2	041598	0815	21.74	7.89	44722	29.0	93.0	6.9
16-2	041598	0830	21.68	7.87	44215	28.6	95.9	7.1
16-2	041598	0845	21.81	7.88	44279	28.6	96.2	7.1
16-2	041598	0900	21.92	7.90	44739	29.0	99.2	7.3

Hydrolab DS3 Continuous Deployment at Station 16-2

April 14-15, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
16-2	041598	0915	21.94	7.90	45061	29.2	100.1	7.3
16-2	041598	0930	22.10	7.92	45590	29.6	102.2	7.5
16-2	041598	0945	22.19	7.92	46190	30.0	104.5	7.6
16-2	041598	1000	22.19	7.93	46382	30.2	106.3	7.7
16-2	041598	1015	22.30	7.94	46523	30.3	108.7	7.9
16-2	041598	1030	22.33	7.95	46899	30.5	111.0	8.0
16-2	041598	1045	22.41	7.95	47434	30.9	113.1	8.1
16-2	041598	1100	22.48	7.96	47892	31.3	112.9	8.1
16-2	041598	1115	22.51	7.96	48282	31.6	114.3	8.2
16-2	041598	1130	22.60	7.96	48421	31.7	114.5	8.2
16-2	041598	1145	22.71	7.97	48691	31.9	116.3	8.3
16-2	041598	1200	22.73	7.97	48886	32.0	116.1	8.2
16-2	041598	1215	22.80	7.97	49024	32.1	117.4	8.3
16-2	041598	1230	22.85	7.97	49160	32.2	116.2	8.2
16-2	041598	1245	22.96	7.97	49174	32.2	117.9	8.3
16-2	041598	1300	23.02	7.98	49299	32.3	120.1	8.5
16-2	041598	1315	23.08	7.98	49255	32.3	120.3	8.5
16-2	041598	1330	23.21	7.99	49337	32.3	120.5	8.5
16-2	041598	1345	23.19	7.99	49463	32.4	121.5	8.5

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
10-1	050598	0512	0.2	33.5	51.01	23.96	8.01	5.93	85.8
10-1	050598	0512	0.9	33.5	51.00	23.94	8.01	5.97	87.1
10-1	050598	0513	1.6	33.5	51.00	23.91	8.02	6.02	87.5
10-1	050598	1241	0.2	33.1	50.53	24.34	8.05	6.92	101.2
10-1	050598	1241	1.0	33.2	50.59	24.35	8.05	7.06	103.3
10-1	050598	1242	1.9	33.6	51.13	24.37	8.05	7.09	104.0
10-2	050598	0447	0.2	33.5	50.99	24.07	8.00	5.79	83.5
10-2	050598	0448	1.0	33.5	50.97	24.08	8.00	5.80	85.3
10-2	050598	0449	2.0	33.4	50.95	24.07	8.00	5.91	86.2
10-2	050598	1259	0.2	32.5	49.65	24.78	8.00	6.56	96.1
10-2	050598	1259	1.0	33.3	50.82	24.80	8.00	6.57	96.7
10-2	050598	1300	2.5	33.7	51.24	24.60	8.05	6.94	102.3
10-3	050598	0437	0.2	33.6	51.09	23.96	7.95	6.09	88.4
10-3	050598	0438	1.0	33.4	50.89	23.96	7.96	6.23	90.4
10-3	050598	0439	4.8	33.5	50.97	23.97	8.01	7.10	103.1
10-3	050598	1317	0.2	33.7	51.28	24.74	8.03	6.69	98.7
10-3	050598	1318	1.0	33.7	51.27	24.74	8.03	6.71	99.2
10-3	050598	1318	5.1	33.7	51.29	24.73	8.05	6.93	103.4
10-4	050598	0615	0.2	33.3	50.75	24.24	7.94	4.75	69.5
10-4	050598	0616	0.4	33.3	50.74	24.24	7.94	4.79	69.5
10-4	050598	0616	0.6	33.3	50.75	24.24	7.93	4.45	65.0
10-4	050598	1130	0.2	33.0	50.36	25.63	8.17	7.99	119.4
10-4	050598	1131	0.4	33.0	50.36	25.64	8.18	8.16	122.0
10-4	050598	1132	0.6	33.3	50.75	25.64	8.18	8.38	125.6
10-5	050598	0545	0.2	33.1	50.57	24.24	7.97	5.80	84.5
10-5	050598	0546	1.0	33.2	50.59	24.27	7.97	5.81	84.7
10-5	050598	0546	3.6	33.2	50.57	24.31	7.98	5.78	85.3
10-5	050598	1049	0.2	33.7	51.37	24.38	8.00	6.40	94.0
10-5	050598	1049	1.0	33.8	51.40	24.26	8.01	6.48	96.7
10-5	050598	1050	4.0	33.9	51.56	24.16	8.04	6.92	102.6

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
11-1	050598	0503	0.2	33.4	50.91	24.33	8.02	6.15	90.2
11-1	050598	0503	1.0	33.4	50.89	24.34	8.02	6.20	90.4
11-1	050598	0504	2.9	33.4	50.85	24.34	8.03	6.38	93.1
11-1	050598	1223	0.2	33.4	50.86	24.52	8.05	7.15	105.0
11-1	050598	1223	1.0	33.4	50.89	24.52	8.05	7.22	105.3
11-1	050598	1224	3.5	33.6	51.21	24.52	8.06	7.40	108.8
11-2	050598	0455	0.2	33.6	51.16	24.18	8.01	6.15	89.8
11-2	050598	0456	1.0	33.6	51.15	24.19	8.01	6.18	90.8
11-2	050598	0456	2.8	33.6	51.11	24.19	8.02	6.36	92.9
11-2	050598	1207	0.2	33.6	51.20	24.33	8.04	6.37	92.8
11-2	050598	1207	1.0	33.6	51.23	24.35	8.04	6.20	90.8
11-2	050598	1208	3.2	33.6	51.19	24.36	8.05	6.29	90.6
11-3	050598	0525	0.2	33.4	50.96	24.27	7.98	5.83	85.2
11-3	050598	0525	1.0	33.3	50.67	24.28	7.98	5.79	84.2
11-3	050598	0526	2.9	33.3	50.75	24.28	7.99	5.91	85.9
11-3	050598	1153	0.2	33.2	50.60	24.75	7.99	6.22	91.7
11-3	050598	1153	1.0	33.2	50.59	24.75	7.99	6.28	91.5
11-3	050598	1154	3.0	33.7	51.26	24.33	8.02	6.30	92.8
11-4	050598	0535	0.2	33.0	50.31	24.28	7.96	5.60	81.5
11-4	050598	0536	1.0	33.0	50.35	24.29	7.97	5.63	82.6
11-4	050598	0537	2.9	33.1	50.55	24.51	7.97	5.46	80.4
11-4	050598	1107	0.2	33.2	50.62	24.83	7.99	6.40	94.3
11-4	050598	1107	1.0	33.2	50.61	24.81	7.99	6.50	95.7
11-4	050598	1108	3.3	33.2	50.59	24.77	8.00	6.59	97.1
11-5	050598	0554	0.2	29.9	46.01	24.42	7.85	5.50	78.4
11-5	050598	0555	1.0	30.5	46.91	24.56	7.87	5.36	77.4
11-5	050598	0555	1.9	31.3	47.96	24.72	7.86	4.61	66.8
11-5	050598	1028	0.2	32.1	49.10	24.88	7.90	5.84	85.7
11-5	050598	1029	1.0	32.5	49.63	24.72	7.92	5.85	85.9
11-5	050598	1030	2.3	33.2	50.65	24.31	7.95	5.73	83.7

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
13-1	050598	0443	0.2	28.7	44.47	24.40	7.57	5.01	70.9
13-1	050598	0444	0.9	29.3	45.30	24.52	7.62	5.00	71.6
13-1	050598	0445	1.6	29.9	46.06	24.66	7.65	4.93	71.1
13-1	050598	1308	0.2	32.0	49.05	24.96	7.84	5.86	86.1
13-1	050598	1308	1.0	32.1	49.17	24.95	7.84	5.83	85.7
13-1	050598	1309	1.8	32.3	49.41	24.85	7.83	5.54	81.0
13-2	050598	0458	0.2	27.4	42.62	24.22	7.60	5.03	70.4
13-2	050598	0501	0.8	29.1	45.07	24.73	7.62	4.81	68.6
13-2	050598	0502	1.3	31.1	47.75	24.94	7.69	4.44	64.6
13-2	050598	1252	0.2	31.4	48.22	24.98	7.78	5.34	78.0
13-2	050598	1253	0.9	31.5	48.39	24.99	7.79	5.50	80.4
13-2	050598	1254	1.5	31.8	48.74	24.99	7.83	5.75	84.2
13-3	050598	0512	0.2	25.5	39.76	24.54	7.55	4.46	62.2
13-3	050598	0513	1.0	28.9	44.77	24.80	7.57	4.22	60.9
13-3	050598	0513	2.2	29.2	45.07	24.84	7.57	4.11	59.0
13-3	050598	1231	0.2	29.9	46.14	25.21	7.68	4.86	70.5
13-3	050598	1232	1.0	30.2	46.45	25.18	7.69	4.86	70.9
13-3	050598	1233	2.0	30.6	47.15	24.95	7.71	4.71	68.6
13-4	050598	0526	0.2	29.1	45.09	24.68	7.60	4.74	67.5
13-4	050598	0526	1.0	29.2	45.12	24.69	7.59	4.42	63.3
13-4	050598	0527	2.3	29.2	45.12	24.69	7.60	4.39	63.0
13-4	050598	1209	0.2	28.8	44.63	25.49	7.59	4.91	71.5
13-4	050598	1210	1.0	29.3	45.40	25.17	7.61	4.48	65.1
13-4	050598	1211	3.1	29.8	45.92	24.94	7.63	4.18	60.5
13-5	050598	0532	0.2	29.1	45.06	24.55	7.65	5.32	76.1
13-5	050598	0533	1.0	29.2	45.06	24.58	7.65	5.28	75.5
13-5	050598	0533	3.8	29.2	45.13	24.63	7.65	5.37	76.6
13-5	050598	1152	0.2	29.2	45.14	25.38	7.61	4.52	65.6
13-5	050598	1153	1.0	29.3	45.29	25.25	7.62	4.48	65.1
13-5	050598	1154	2.7	29.5	45.57	25.02	7.64	4.46	64.6

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
14-1	050598	0540	0.2	29.0	44.93	24.51	7.68	5.06	71.8
14-1	050598	0541	1.0	29.1	44.92	24.51	7.68	4.92	70.5
14-1	050598	0542	1.8	29.0	44.93	24.43	7.68	4.91	70.1
14-1	050598	1134	0.2	29.2	45.15	25.45	7.65	5.12	74.6
14-1	050598	1135	1.0	29.2	45.17	25.38	7.64	5.06	73.6
14-1	050598	1136	1.9	29.2	45.18	24.76	7.67	5.34	76.8
14-2	050598	0552	0.2	28.4	44.00	24.45	7.75	5.29	75.4
14-2	050598	0552	0.9	28.4	43.96	24.45	7.75	5.20	74.2
14-2	050598	0553	1.5	28.4	44.03	24.45	7.75	5.20	74.1
14-2	050598	1117	0.2	28.4	44.02	25.07	7.78	5.56	80.2
14-2	050598	1118	0.9	28.4	44.03	25.06	7.78	5.60	80.6
14-2	050598	1119	1.6	28.4	43.97	25.02	7.78	5.64	81.3
14-3	050598	0604	0.2	28.8	44.61	24.27	7.72	4.25	59.9
14-3	050598	0605	0.4	28.8	44.61	24.18	7.69	3.75	53.6
14-3	050598	0606	0.5	28.8	44.61	24.28	7.71	3.95	56.2
14-3	050598	1100	0.2	28.7	44.53	25.50	7.82	5.82	84.5
14-3	050598	1100	0.6	28.8	44.58	25.28	7.83	6.01	87.6
14-3	050598	1101	0.9	28.8	44.55	25.09	7.86	6.28	90.6
14-4	050598	0617	0.2	29.1	45.03	23.29	7.61	4.17	58.3
14-4	050598	0617	1.0	29.1	44.87	23.06	7.57	3.79	51.5
14-4	050598	0618	1.7	29.4	45.25	23.27	7.70	4.11	58.8
14-4	050598	1043	0.2	29.6	45.74	25.17	7.83	5.80	84.4
14-4	050598	1044	1.0	29.6	45.77	24.93	7.82	5.72	82.8
14-4	050598	1045	2.2	29.7	45.78	24.36	7.80	5.26	75.4
14-5	050598	0625	0.2	30.5	46.88	24.39	7.76	5.01	71.8
14-5	050598	0625	1.0	30.5	46.94	24.39	7.76	4.79	68.5
14-5	050598	0626	3.7	30.5	46.95	24.40	7.76	4.69	67.4
14-5	050598	1029	0.2	30.7	47.18	24.86	7.77	5.36	77.8
14-5	050598	1029	0.9	30.8	47.36	24.85	7.78	5.34	77.7
14-5	050598	1030	1.6	30.9	47.50	24.80	7.80	5.41	78.6

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
16-1	050698	0411	0.2	30.3	46.73	25.10	7.75	5.91	85.2
16-1	050698	0412	0.6	31.0	47.63	25.48	7.76	5.29	77.8
16-1	050698	0412	0.9	31.1	47.77	25.53	7.75	4.99	73.9
16-1	050698	1353	0.2	31.7	48.72	27.51	7.96	8.36	128.1
16-1	050698	1354	0.6	32.0	49.07	27.22	7.95	8.09	123.8
16-1	050698	1355	0.9	32.1	49.12	27.16	7.96	8.19	125.2
16-2	050698	0436	0.2	30.6	47.14	25.44	7.81	5.85	86.3
16-2	050698	0437	0.8	31.2	47.86	25.55	7.81	5.63	83.2
16-2	050698	0438	1.3	31.7	48.50	25.58	7.79	4.88	72.8
16-2	050698	1334	0.2	31.9	48.82	27.11	7.90	7.11	108.6
16-2	050698	1334	0.8	32.0	49.00	26.99	7.90	7.19	109.5
16-2	050698	1335	1.3	32.0	48.99	27.01	7.90	7.21	109.9
16-3	050698	0447	0.2	32.0	49.02	25.53	7.86	5.99	88.9
16-3	050698	0447	1.0	32.5	49.60	25.57	7.87	6.02	89.5
16-3	050698	0448	2.5	32.8	50.21	25.53	7.88	6.19	92.1
16-3	050698	1320	0.2	32.8	50.12	26.99	7.89	6.71	103.6
16-3	050698	1321	1.0	32.8	50.14	26.90	7.89	6.85	104.6
16-3	050698	1321	3.4	34.0	51.70	25.45	7.94	6.80	101.9
16-4	050698	0456	0.2	32.5	49.62	25.32	7.89	6.06	89.3
16-4	050698	0456	1.0	32.5	49.75	25.39	7.89	6.02	89.4
16-4	050698	0457	4.0	32.9	50.21	25.14	7.88	5.67	84.0
16-4	050698	1305	0.2	33.1	50.52	26.97	7.89	6.61	101.3
16-4	050698	1305	0.8	33.3	50.76	26.74	7.90	6.72	102.7
16-4	050698	1306	1.3	33.4	50.84	26.65	7.90	6.79	103.6
16-5	050698	0508	0.3	32.8	50.18	25.15	7.89	5.78	85.4
16-5	050698	1250	0.2	33.6	51.17	26.92	7.96	7.56	116.1
16-5	050698	1251	0.5	33.6	51.17	26.91	7.96	7.68	117.9
16-5	050698	1251	0.7	33.6	51.19	26.91	7.96	7.72	118.5

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Station	Date	Time	Sample	Salinity	Specific	Temperature	pH	Dissolved	D.O. Percent
			Depth		Conductance			Oxygen	Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	050698	0547	0.2	25.1	39.23	25.29	7.55	4.66	66.1
LB-1	050698	0547	0.4	26.5	41.43	26.29	7.56	4.61	67.1
LB-1	050698	0548	0.5	26.7	41.71	26.42	7.58	4.54	66.3
LB-1	050698	1133	0.2	26.7	41.68	28.03	7.59	5.62	84.7
LB-1	050698	1133	1.0	27.4	42.65	27.25	7.54	5.39	80.2
LB-1	050698	1134	3.0	27.7	43.05	26.83	7.52	5.12	75.7
LB-2	050698	0602	0.3	26.8	41.90	25.82	7.79	5.22	75.3
LB-2	050698	1111	0.2	26.8	41.77	27.02	7.76	5.97	88.2
LB-2	050698	1112	0.9	26.7	41.77	26.86	7.73	5.87	85.4
LB-2	050698	1112	1.6	26.8	41.79	26.71	7.71	5.64	82.8
LB-3	050698	0611	0.2	26.7	41.63	25.81	7.98	6.13	88.5
LB-3	050698	0611	0.6	26.6	41.62	25.74	7.99	6.15	88.7
LB-3	050698	0612	1.0	26.7	41.73	25.81	7.98	6.03	86.8
LB-3	050698	1056	0.2	26.9	41.95	26.77	7.95	6.80	100.0
LB-3	050698	1056	0.7	26.9	41.94	26.77	7.95	6.83	100.7
LB-3	050698	1057	1.2	26.9	41.91	26.78	7.97	6.71	100.2
LB-4	050698	0621	0.2	28.0	43.53	25.77	8.16	6.25	90.9
LB-4	050698	0621	1.0	28.1	43.59	25.84	8.16	6.32	92.0
LB-4	050698	0622	3.1	29.7	45.85	25.68	7.95	2.99	43.9
LB-4	050698	1038	0.2	28.3	43.91	26.95	8.30	8.47	126.5
LB-4	050698	1039	0.8	28.5	44.23	26.56	8.26	7.82	115.7
LB-4	050698	1040	1.3	28.8	44.73	26.29	8.15	6.41	94.0
LB-5	050698	0630	0.2	30.2	46.56	25.97	8.21	7.03	104.1
LB-5	050698	0631	1.0	30.7	47.18	26.42	8.15	6.47	96.8
LB-5	050698	0632	1.9	31.3	48.11	26.07	7.93	4.19	62.6
LB-5	050698	1025	0.2	30.6	47.13	26.67	8.18	7.47	112.2
LB-5	050698	1026	1.0	30.7	47.28	26.29	8.19	7.47	110.7
LB-5	050698	1026	2.0	31.1	47.81	26.41	8.05	5.83	87.1

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
ML-1	050698	0520	0.3	1.36	2.660	25.47	7.36	6.36	78.4
ML-1	050698	1232	0.2	1.81	3.465	27.59	7.47	7.55	97.1
ML-1	050698	1232	0.4	1.86	3.546	27.31	7.46	7.51	96.0
ML-1	050698	1233	0.6	1.89	3.597	27.19	7.46	7.48	95.5
ML-2	050698	0508	0.2	1.89	3.601	25.65	7.40	6.41	79.5
ML-2	050698	0508	0.6	1.89	3.603	25.67	7.38	6.38	79.4
ML-2	050698	0509	0.9	1.89	3.607	25.68	7.37	6.40	79.3
ML-2	050698	1252	0.2	2.64	4.945	27.12	7.48	7.13	91.4
ML-2	050698	1253	0.8	2.65	4.950	27.05	7.48	7.16	91.5
ML-2	050698	1253	1.3	2.64	4.946	26.99	7.48	7.17	91.6
ML-3	050698	0458	0.2	2.25	4.249	25.65	7.45	6.62	82.2
ML-3	050698	0458	0.8	2.25	4.248	25.66	7.44	6.61	82.2
ML-3	050698	0459	1.4	2.35	4.419	25.71	7.41	6.58	82.0
ML-3	050698	1314	0.2	3.08	5.685	27.40	7.58	7.69	99.2
ML-3	050698	1315	1.0	3.29	6.061	27.32	7.58	7.85	101.3
ML-3	050698	1315	2.7	3.34	6.165	27.28	7.59	7.83	101.1
ML-4	050698	0450	0.3	2.22	4.197	25.66	7.43	6.52	81.1
ML-4	050698	1336	0.2	3.52	6.491	28.06	7.71	8.24	107.9
ML-4	050698	1336	1.0	3.79	6.927	27.62	7.64	7.99	104.0
ML-4	050698	1337	2.0	3.79	6.933	27.59	7.63	7.98	103.8
ML-5	050698	0436	0.2	2.90	5.405	25.46	7.12	6.83	84.9
ML-5	050698	0437	0.5	2.98	5.526	25.40	7.23	6.72	83.5
ML-5	050698	0437	0.7	3.03	5.615	25.32	7.27	6.59	81.8
ML-5	050698	1415	0.2	4.65	8.391	28.63	7.67	8.10	107.6
ML-5	050698	1415	1.0	4.85	8.735	28.40	7.70	8.35	110.8
ML-5	050698	1416	2.7	5.15	9.228	27.86	7.59	7.95	104.0

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
MU-1	050698	0647	0.2	0.11	0.222	24.71	7.09	5.75	68.7
MU-1	050698	0647	0.6	0.11	0.227	24.72	7.05	5.59	67.0
MU-1	050698	0648	1.0	0.17	0.394	23.21	7.05	5.25	58.9
MU-1	050698	1023	0.2	0.10	0.208	25.86	6.79	5.38	66.2
MU-1	050698	1024	0.5	0.10	0.208	25.77	6.84	5.36	65.8
MU-1	050698	1025	0.8	0.10	0.214	25.70	6.90	5.30	65.1
MU-2	050698	0635	0.2	0.11	0.217	25.01	7.14	5.16	62.0
MU-2	050698	0636	1.0	0.11	0.217	25.04	7.09	4.92	59.4
MU-2	050698	0637	2.3	0.11	0.217	25.04	7.08	4.85	58.8
MU-2	050698	1048	0.2	0.11	0.219	26.41	7.02	5.59	69.6
MU-2	050698	1049	1.0	0.11	0.218	25.64	7.00	5.36	65.5
MU-2	050698	1049	2.5	0.11	0.218	25.38	7.00	5.21	63.6
MU-3	050698	0618	0.2	0.11	0.233	25.04	7.17	5.76	69.2
MU-3	050698	0619	0.4	0.11	0.233	24.87	7.12	5.56	67.2
MU-3	050698	0619	0.6	0.12	0.247	24.75	7.09	5.49	66.2
MU-3	050698	1114	0.2	0.11	0.227	26.45	7.12	6.05	74.8
MU-3	050698	1115	0.8	0.11	0.230	26.43	7.08	5.94	73.8
MU-3	050698	1115	1.3	0.11	0.230	26.39	7.08	5.92	73.6
MU-4	050698	0555	0.2	0.18	0.381	25.12	7.26	6.10	73.8
MU-4	050698	0555	0.6	0.18	0.381	25.14	7.22	6.00	72.9
MU-4	050698	0556	1.0	0.18	0.383	25.14	7.20	5.98	72.3
MU-4	050698	1144	0.2	0.28	0.580	26.54	7.20	6.59	82.0
MU-4	050698	1144	0.7	0.29	0.606	26.43	7.16	6.52	80.9
MU-4	050698	1145	1.2	0.31	0.648	26.38	7.16	6.45	80.0
MU-5	050698	0548	0.2	0.34	0.679	24.55	7.21	4.97	59.8
MU-5	050698	1200	0.2	0.41	0.850	27.03	7.30	7.21	90.8
MU-5	050698	1200	0.4	0.47	0.986	26.84	7.26	7.11	89.3
MU-5	050698	1201	0.6	0.52	1.047	26.62	7.24	6.98	87.3

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	050598	0512	27.34528	-82.57917	27.34595	-82.57882	1.8			
10-1	050598	1241	27.34528	-82.57917	27.34537	-82.57922	2.1	1.5	980381	0.39
10-2	050598	0447	27.33833	-82.57278	27.33842	-82.57230	2.2			
10-2	050598	1259	27.33833	-82.57278	27.33882	-82.57275	2.7	1.3	980385	0.75
10-3	050598	0437	27.33361	-82.57889	27.33435	-82.57878	5.0			
10-3	050598	1317	27.33361	-82.57889	27.33408	-82.57952	5.3	1.8	980386	0.56
10-4	050598	0615	27.32611	-82.56917	27.32653	-82.56772	0.8			
10-4	050598	1130	27.32611	-82.56917	27.32620	-82.56865	0.8	>B	980382	0.72
10-5	050598	0545	27.31639	-82.55333	27.31652	-82.55313	3.8			
10-5	050598	1049	27.31639	-82.55333	27.31688	-82.55337	4.2	1.8	980378	0.40
11-1	050598	0503	27.36028	-82.57028	27.36070	-82.57050	3.1			
11-1	050598	1223	27.36028	-82.57028	27.36000	-82.57037	3.7	1.4	980379	0.67
11-2	050598	0455	27.34417	-82.56250	27.34455	-82.56170	3.0			
11-2	050598	1207	27.34417	-82.56250	27.34430	-82.56618	3.4	2.1	980376	0.69
11-3	050598	0525	27.34000	-82.55861	27.34072	-82.55818	3.1			
11-3	050598	1153	27.34000	-82.55861	27.34002	-82.55847	3.2	1.2	980380	1.01
11-4	050598	0535	27.32806	-82.54861	27.32850	-82.54838	3.1			
11-4	050598	1107	27.32806	-82.54861	27.32782	-82.54815	3.5	0.9	980384	1.22
11-5	050598	0554	27.30472	-82.54361	27.30467	-82.54350	2.1			
11-5	050598	1028	27.30472	-82.54361	27.30492	-82.54330	2.5	0.8	980383	1.15
13-1	050598	0443	27.29250	-82.54667	27.29272	-82.54628	1.8			
13-1	050598	1308	27.29250	-82.54667	27.29256	-82.54654	2.0	1.1	980407	0.89
13-2	050598	0458	27.28472	-82.54417	27.28445	-82.54441	1.5			
13-2	050598	1252	27.28472	-82.54417	27.28490	-82.54437	1.7	1.1	980406	1.09
13-3	050598	0512	27.26722	-82.54111	27.26688	-82.54079	2.4			
13-3	050598	1231	27.26722	-82.54111	27.26752	-82.54102	2.2	1.3	980395	0.88
13-4	050598	0526	27.25222	-82.53167	27.25280	-82.53057	2.5			
13-4	050598	1209	27.25222	-82.53167	27.25310	-82.53136	3.3	1.5	980403	0.97
13-5	050598	0532	27.24583	-82.52389	27.24607	-82.52369	4.0			
13-5	050598	1152	27.24583	-82.52389	27.24559	-82.52352	2.9	1.5	980399	0.94
14-1	050598	0540	27.23667	-82.51944	27.23651	-82.51936	2.0			
14-1	050598	1134	27.23667	-82.51944	27.23654	-82.51934	2.1	1.3	980405	1.01
14-2	050598	0552	27.22361	-82.50556	27.22399	-82.50561	1.7			
14-2	050598	1117	27.22361	-82.50556	27.22414	-82.50590	1.8	1.0	980408	1.09
14-3	050598	0604	27.21639	-82.50722	27.21726	-82.50891	0.7			
14-3	050598	1100	27.21639	-82.50722	27.21691	-82.50905	1.1	>B	980388	1.04
14-4	050598	0617	27.20444	-82.50306	27.20445	-82.50298	1.9			
14-4	050598	1043	27.20444	-82.50306	27.20483	-82.50296	2.4	1.5	980371	0.96
14-5	050598	0625	27.18778	-82.49639	27.18805	-82.49634	3.9			
14-5	050598	1029	27.18778	-82.49639	27.18797	-82.49606	1.8	>B	980392	0.93
16-1	050698	0411	27.17083	-82.49278	27.17209	-82.49194	1.1			
16-1	050698	1353	27.17083	-82.49278	27.17209	-82.49194	1.1	>B	980375	1.08

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
16-2	050698	0436	27.15778	-82.48222	27.15722	-82.48210	1.5			
16-2	050698	1334	27.15778	-82.48222	27.15804	-82.48266	1.5	>B	980367	0.80
16-3	050698	0447	27.14861	-82.47556	27.14904	-82.47583	2.7			
16-3	050698	1320	27.14861	-82.47556	27.14861	-82.47607	3.6	1.3	980366	0.70
16-4	050698	0456	27.14056	-82.47083	27.14067	-82.47073	4.2			
16-4	050698	1305	27.14056	-82.47083	27.14112	-82.47031	1.5	>B	980387	0.65
16-5	050698	0508	27.13333	-82.47139	27.13177	-82.47129	0.6			
16-5	050698	1250	27.13333	-82.47139	27.13137	-82.47087	0.9	>B	980369	0.54
LB-1	050698	0547	27.04556	-82.43556	27.04548	-82.43388	0.7			
LB-1	050698	1133	27.04556	-82.43556	27.40560	-82.43371	3.2	1.5	980373	0.86
LB-2	050698	0602	27.01139	-82.41222	27.01016	-82.41024	0.5			
LB-2	050698	1111	27.01139	-82.41222	27.01064	-82.40965	1.8	=B	980368	1.07
LB-3	050698	0611	26.99611	-82.40139	26.99565	-82.40089	1.2			
LB-3	050698	1056	26.99611	-82.40139	26.99668	-82.40148	1.4	>B	980365	0.93
LB-4	050698	0621	26.97694	-82.38472	26.97699	-82.38478	3.3			
LB-4	050698	1038	26.97694	-82.38472	26.97721	-82.38468	1.5	1.0	980370	1.20
LB-5	050698	0630	26.95167	-82.36417	26.95163	-82.36441	2.1			
LB-5	050698	1025	26.95167	-82.36417	26.95177	-82.36435	2.2	1.7	980374	0.74
ML-1	050698	0520	27.04139	-82.29028	27.04178	-82.28878	0.5			
ML-1	050698	1232	27.04139	-82.29028	27.04187	-82.28922	0.8	>B	980393	1.15
ML-2	050698	0508	27.03306	-82.27833	27.03342	-82.27805	1.1			
ML-2	050698	1252	27.03306	-82.27833	27.03378	-82.27830	1.5	1.1	980394	2.21
ML-3	050698	0458	27.02972	-82.27083	27.03015	-82.27103	1.6			
ML-3	050698	1314	27.02972	-82.27083	27.02945	-82.27090	2.9	1.4	980402	2.37
ML-4	050698	0450	27.02278	-82.27333	27.02287	-82.27410	0.6			
ML-4	050698	1336	27.02278	-82.27333	27.02357	-82.27362	2.2	1.4	980391	1.85
ML-5	050698	0436	27.00722	-82.26722	27.00792	-82.26650	0.9			
ML-5	050698	1415	27.00722	-82.26722	27.00740	-82.26550	2.9	1.5	980400	1.88
MU-1	050698	0647	27.09528	-82.33083	27.09410	-82.33023	1.2			
MU-1	050698	1023	27.09528	-82.33083	27.09448	-82.33002	1.0	>B	980398	2.64
MU-2	050698	0635	27.08806	-82.32639	27.08642	-82.32605	2.5			
MU-2	050698	1048	27.08806	-82.32639	27.08635	-82.32643	2.7	1.1	980390	1.88
MU-3	050698	0618	27.07556	-82.31722	27.07542	-82.31720	0.8			
MU-3	050698	1114	27.07556	-82.31722	27.07553	-82.31690	1.5	1.2	980401	1.94
MU-4	050698	0555	27.05833	-82.30639	27.05847	-82.30517	1.2			
MU-4	050698	1144	27.05833	-82.30639	27.05847	-82.30555	1.4	1.1	980396	2.55
MU-5	050698	0548	27.05333	-82.30167	27.05460	-82.30218	0.4			
MU-5	050698	1200	27.05333	-82.30167	27.05495	-82.30203	0.8	>B	980397	2.47

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	1.0M	1235	980381	5/5/1998	0.008	U0.005	U0.005	0.18	0.18	0.018	0.08	1.1	7	2.3	8	8.09	4.5	0.6	33.1
10-2	1.0M	1258	980385	5/5/1998	0.010	U0.005	U0.005	0.23	0.23	0.018	0.08	1.2	9	4.9	10	8.06	7.3	3.1	32.5
10-3	1.0M	1310	980386	5/5/1998	0.016	U0.005	U0.005	0.23	0.23	0.018	0.07	1.0	5	2.8	7	8.09	6.0	1.1	33.7
10-4	MID	1129	980382	5/5/1998	0.023	U0.005	U0.005	0.26	0.26	0.016	0.08	1.4	11	2.7	10	8.22	6.0	1.9	33.0
10-5	1.0M	1050	980378	5/5/1998	0.013	U0.005	U0.005	0.25	0.25	0.018	0.05	0.7	10	2.9	8	8.01	3.5	0.8	33.7
11-1	1.0M	1219	980379	5/5/1998	0.009	U0.005	U0.005	0.29	0.29	0.015	0.10	1.6	9	3.5	7	8.09	4.7	2.3	33.4
11-2	1.0M	1209	980376	5/5/1998	0.007	U0.005	U0.005	0.17	0.17	0.016	0.09	0.7	3	2.5	8	8.09	3.6	1.2	33.6
11-3	1.0M	1154	980380	5/5/1998	0.010	U0.005	U0.005	0.23	0.23	0.022	0.10	1.4	12	5.6	12	8.05	7.0	5.2	33.2
11-4	1.0M	1107	980384	5/5/1998	U0.005	U0.005	U0.005	0.31	0.31	0.020	0.11	1.2	15	7.8	12	8.02	7.0	4.6	33.2
11-5	1.0M	1028	980383	5/5/1998	0.043	0.010	0.007	0.30	0.31	0.034	0.15	1.2	15	10	15	7.99	6.7	2.1	32.1
11-5 REP	1.0M	1038	980377	5/5/1998	0.041	0.009	0.008	0.31	0.32	0.033	0.13	1.2	10	9.0	15	7.98	8.1	4.1	NA
13-1	1.0M	1308	980407	5/5/1998	0.015	0.009	0.009	0.31	0.32	0.053	0.12	1.6	12	5.2	16	7.94	9.6	2.5	32.0
13-1 REP	1.0M	1315	980404	5/5/1998	0.016	0.010	0.010	0.27	0.28	0.053	0.11	1.7	14	4.9	18	7.94	12.1	2.9	NA
13-2	MID	1252	980406	5/5/1998	0.039	0.013	0.013	0.33	0.34	0.067	0.13	1.5	12	5.2	17	7.91	8.1	2.6	31.4
13-3	1.0M	1231	980395	5/5/1998	0.077	0.025	0.024	0.49	0.51	0.094	0.17	1.3	9	3.8	23	7.89	6.8	2.0	29.9
13-4	1.0M	1209	980403	5/5/1998	0.105	0.033	0.032	0.51	0.54	0.125	0.21	1.1	10	3.7	23	7.82	4.1	1.2	28.8
13-5	1.0M	1152	980399	5/5/1998	0.093	0.025	0.024	0.42	0.44	0.111	0.20	1.4	6	3.3	21	7.80	5.0	1.4	29.2
14-1	1.0M	1134	980405	5/5/1998	0.074	0.012	0.011	0.46	0.47	0.113	0.19	1.3	7	4.5	21	7.82	6.2	1.6	29.2
14-2	MID	1108	980408	5/5/1998	0.057	0.006	0.006	0.56	0.57	0.089	0.19	1.9	8	5.0	23	7.90	7.9	3.5	28.4
14-3	MID	1058	980388	5/5/1998	0.045	U0.005	U0.005	0.56	0.56	0.083	0.18	1.8	14	4.6	24	7.93	8.6	1.4	28.7
14-4	1.0M	1044	980371	5/5/1998	0.014	U0.005	U0.005	0.47	0.47	0.070	0.16	2.1	10	3.9	22	7.91	5.1	1.1	29.6
14-5	MID	1028	980392	5/5/1998	0.045	0.011	0.009	0.33	0.34	0.060	0.10	1.5	7	2.8	17	7.93	4.2	1.5	30.7

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	MID	1353	980375	5/6/1998	U0.005	U0.005	U0.005	0.33	0.33	0.045	0.13	2.0	13	3.8	20	8.09	7.4	1.3	31.7
16-1 REP	MID	1400	980372	5/6/1998	U0.005	U0.005	U0.005	0.31	0.31	0.042	0.11	1.9	9	4.4	17	8.12	5.9	1.9	NA
16-2	MID	1333	980367	5/6/1998	U0.005	U0.005	U0.005	0.35	0.35	0.041	0.12	1.6	9	3.3	18	8.01	5.2	1.0	31.9
16-3	1.0M	1318	980366	5/6/1998	0.018	U0.005	U0.005	0.21	0.21	0.034	0.08	1.3	10	4.8	12	8.01	3.0	1.9	32.8
16-4	MID	1305	980387	5/6/1998	U0.005	U0.005	U0.005	0.32	0.32	0.031	0.07	2.1	12	4.7	12	8.04	4.4	U0.5	33.1
16-5	MID	1250	980369	5/6/1998	U0.005	U0.005	U0.005	0.17	0.17	0.027	0.06	1.1	10	6.1	14	8.08	4.1	0.9	33.6
LB-1	1.0M	1133	980373	5/6/1998	0.084	0.041	0.039	0.44	0.48	0.112	0.20	1.2	6	2.5	30	7.78	3.6	0.8	26.7
LB-2	MID	1113	980368	5/6/1998	0.053	0.013	0.011	0.61	0.62	0.101	0.22	2.6	12	3.1	27	7.88	8.9	U0.5	26.8
LB-3	MID	1056	980365	5/6/1998	U0.005	U0.005	U0.005	0.51	0.51	0.083	0.18	4.4	12	2.8	25	8.02	10.6	0.5	26.9
LB-4	MID	1038	980370	5/6/1998	0.067	U0.005	U0.005	0.99	0.99	0.062	0.24	L 6.8	17	7.1	30	8.30	23.8	3.6	28.3
LB-5	1.0M	1026	980374	5/6/1998	U0.005	U0.005	U0.005	0.33	0.33	0.034	0.07	1.2	9	2.4	15	8.27	2.7	0.8	30.6
ML-1	MID	1231	980393	5/6/1998	0.027	U0.005	U0.005	0.64	0.64	0.227	0.27	0.5	U2	1.6	120	7.51	3.2	U0.5	1.81
ML-2	MID	1247	980394	5/6/1998	0.016	U0.005	U0.005	0.63	0.63	0.193	0.23	0.8	2	1.9	120	7.52	5.3	1.1	2.64
ML-3	1.0M	1307	980402	5/6/1998	0.018	U0.005	U0.005	0.62	0.62	0.203	0.23	0.6	U2	1.9	90	7.47	3.1	1.4	3.08
ML-4	1.0M	1330	980391	5/6/1998	0.023	U0.005	U0.005	0.63	0.63	0.186	0.23	0.8	2	1.9	120	7.49	3.0	U0.5	3.52
ML-5	1.0M	1412	980400	5/6/1998	0.017	U0.005	U0.005	0.61	0.61	0.196	0.22	1.0	2	1.8	100	7.43	3.5	U0.5	4.65
ML-5 REP	1.0M	1424	980389	5/6/1998	0.012	U0.005	U0.005	0.65	0.65	0.162	0.22	0.9	U2	1.7	100	7.43	3.2	U0.5	NA
MU-1	MID	1023	980398	5/6/1998	0.068	0.112	0.106	0.84	0.95	0.256	0.34	0.7	U2	1.3	140	7.39	2.9	0.7	0.10
MU-2	1.0M	1049	980390	5/6/1998	0.058	0.119	0.113	0.83	0.94	0.248	0.37	0.6	U2	1.5	140	7.44	2.6	0.7	0.11
MU-3	MID	1110	980401	5/6/1998	0.059	0.110	0.105	0.80	0.91	0.291	0.40	0.7	U2	1.4	140	7.43	3.3	1.0	0.11
MU-4	MID	1142	980396	5/6/1998	0.036	0.057	0.054	0.76	0.81	0.254	0.36	0.7	U2	1.5	140	7.47	3.7	1.8	0.28
MU-5	MID	1157	980397	5/6/1998	0.032	0.038	0.036	0.73	0.77	0.246	0.35	0.6	U2	1.6	120	7.42	3.5	1.8	0.41
EQP BLK		0745	980409	5/6/1998	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.1	U2	U0.2	U1	6.71	U0.5	U0.5	NA
EQP BLK		0740	980410	5/6/1998	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.1	U2	U0.2	U1	6.11	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rain Intensity		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)
			Begin (EST)	End (EST)	Min	Max	Min	Max				
050598	AM	10	0437	0615	0		30	- 70	23	180 - 210	5	<0.5
050598	PM	10	1049	1317	0		80	-100		120 - 270	<5 - 5	<0.5 - 0.5
050598	AM	11	0455	0554	0		30	- 75		210	5	<0.5
050598	PM	11	1028	1223	0		50	-100		140 - 240	5 - 10	<0.5 - 1.0
050598	AM	13	0443	0532	0		20	-100	23	180	5	<0.5 - 0.5
050598	PM	13	1152	1308	0		70	- 90		210 - 220	<5 - 5	<0.5 - 0.5
050598	AM	14	0540	0625	0		70	-100		180	<5 - 10	<0.5 - 0.5
050598	PM	14	1029	1134	0		20	- 80	26	170 - 230	5	<0.5
050698	AM	16	0411	0508	0		0		24	150	<5 - 5	<0.5 - 0.5
050698	PM	16	1250	1353	0		0			180 - 270	<5 - 10	<0.5 - 0.5
050698	AM	LB	0547	0630	0		0	- 10		-	<5	<0.5
050698	PM	LB	1025	1133	0		5	- 15	26	180 - 240	5	<0.5 - 0.5
050698	AM	ML	0436	0520	0		0		23	-	<5	<0.5
050698	PM	ML	1232	1415	0		10	- 30		140 - 180	<5 - 5	<0.5
050698	AM	MU	0548	0647	0		0	- 5		-	<5	<0.5
050698	PM	MU	1023	1200	0		20	- 55		140 - 180	<5 - 5	<0.5

Hydrolab DS3 Continuous Deployment at Station 11-4
May 5-6, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
11-4	050598	1500	24.38	7.85	50074	32.9	85.8	5.9
11-4	050598	1515	24.38	7.84	50096	32.9	79.9	5.5
11-4	050598	1530	24.40	7.86	50084	32.9	82.8	5.7
11-4	050598	1545	24.39	7.85	50100	32.9	77.0	5.3
11-4	050598	1600	24.37	7.86	50125	32.9	80.3	5.5
11-4	050598	1615	24.37	7.88	50140	32.9	82.6	5.7
11-4	050598	1630	24.38	7.87	50127	32.9	80.0	5.5
11-4	050598	1645	24.43	7.88	50084	32.9	82.7	5.7
11-4	050598	1700	24.49	7.92	50036	32.8	96.3	6.6
11-4	050598	1715	24.49	7.92	50048	32.9	95.4	6.5
11-4	050598	1730	24.52	7.92	50025	32.8	95.4	6.5
11-4	050598	1745	24.60	7.93	49897	32.7	97.3	6.6
11-4	050598	1800	24.82	7.96	49616	32.5	105.0	7.2
11-4	050598	1815	24.50	7.90	50007	32.8	87.8	6.0
11-4	050598	1830	24.51	7.90	50018	32.8	83.8	5.7
11-4	050598	1845	24.52	7.90	49998	32.8	83.2	5.7
11-4	050598	1900	24.53	7.89	49969	32.8	82.6	5.6
11-4	050598	1915	24.55	7.89	49889	32.7	82.1	5.6
11-4	050598	1930	24.54	7.89	49888	32.7	80.8	5.5
11-4	050598	1945	24.54	7.89	49887	32.7	80.5	5.5
11-4	050598	2000	24.56	7.89	49810	32.7	81.6	5.6
11-4	050598	2015	24.62	7.90	49767	32.7	81.3	5.6
11-4	050598	2030	24.66	7.91	49723	32.6	84.2	5.8
11-4	050598	2045	24.79	7.92	49632	32.6	86.3	5.9
11-4	050598	2100	24.70	7.91	49782	32.7	85.4	5.8
11-4	050598	2115	24.68	7.89	49808	32.7	81.5	5.6
11-4	050598	2130	24.65	7.88	49818	32.7	79.8	5.4
11-4	050598	2145	24.66	7.90	49818	32.7	84.2	5.7
11-4	050598	2200	24.62	7.89	49834	32.7	82.0	5.6
11-4	050598	2215	24.65	7.90	49825	32.7	83.0	5.7
11-4	050598	2230	24.66	7.91	49819	32.7	84.0	5.7
11-4	050598	2245	24.67	7.92	49836	32.7	88.6	6.0
11-4	050598	2300	24.62	7.91	49810	32.7	89.4	6.1
11-4	050598	2315	24.62	7.91	49803	32.7	88.7	6.1

Hydrolab DS3 Continuous Deployment at Station 11-4
May 5-6, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
11-4	050598	2330	24.63	7.92	49791	32.7	87.8	6.0
11-4	050598	2345	24.67	7.92	49782	32.7	89.4	6.1
11-4	050698	0000	24.66	7.92	49797	32.7	89.4	6.1
11-4	050698	0015	24.64	7.91	49816	32.7	85.5	5.8
11-4	050698	0030	24.68	7.94	49898	32.7	90.6	6.2
11-4	050698	0045	24.69	7.94	49882	32.7	92.1	6.3
11-4	050698	0100	24.68	7.95	49886	32.7	92.8	6.3
11-4	050698	0115	24.69	7.95	49914	32.8	93.2	6.4
11-4	050698	0130	24.69	7.96	49891	32.7	93.3	6.4
11-4	050698	0145	24.71	7.96	49894	32.7	94.6	6.5
11-4	050698	0200	24.74	7.97	49910	32.8	95.0	6.5
11-4	050698	0215	24.78	7.97	49961	32.8	94.8	6.5
11-4	050698	0230	24.80	7.97	49978	32.8	94.3	6.4
11-4	050698	0245	24.81	7.97	49998	32.8	95.2	6.5
11-4	050698	0300	24.82	7.98	49976	32.8	96.1	6.5
11-4	050698	0315	24.81	7.98	49991	32.8	96.0	6.5
11-4	050698	0330	24.80	7.97	50017	32.8	94.5	6.4
11-4	050698	0345	24.79	7.97	50008	32.8	90.9	6.2
11-4	050698	0400	24.79	7.96	49993	32.8	86.3	5.9
11-4	050698	0415	24.76	7.95	49983	32.8	89.9	6.1
11-4	050698	0430	24.70	7.90	49945	32.8	79.6	5.4
11-4	050698	0445	24.66	7.89	49956	32.8	76.3	5.2
11-4	050698	0500	24.63	7.88	49932	32.8	69.4	4.7
11-4	050698	0515	24.62	7.86	49923	32.8	63.7	4.3
11-4	050698	0530	24.62	7.85	49930	32.8	57.9	4.0
11-4	050698	0545	24.69	7.90	49923	32.8	71.7	4.9
11-4	050698	0600	24.72	7.92	49918	32.8	71.7	4.9
11-4	050698	0615	24.72	7.93	49928	32.8	79.4	5.4
11-4	050698	0630	24.74	7.94	49917	32.8	80.4	5.5
11-4	050698	0645	24.75	7.93	49917	32.8	77.9	5.3
11-4	050698	0700	24.74	7.92	49909	32.8	76.6	5.2
11-4	050698	0715	24.73	7.93	49908	32.8	82.8	5.6
11-4	050698	0730	24.72	7.92	49914	32.8	77.9	5.3
11-4	050698	0745	24.70	7.91	49895	32.7	77.8	5.3
11-4	050698	0800	24.70	7.91	49869	32.7	77.4	5.3

Hydrolab DS3 Continuous Deployment at Station 11-4

May 5-6, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
11-4	050698	0815	24.69	7.91	49857	32.7	77.8	5.3
11-4	050698	0830	24.68	7.91	49841	32.7	79.5	5.4
11-4	050698	0845	24.68	7.90	49824	32.7	78.5	5.4
11-4	050698	0900	24.68	7.90	49816	32.7	73.0	5.0
11-4	050698	0915	24.67	7.89	49814	32.7	72.6	5.0
11-4	050698	0930	24.68	7.89	49813	32.7	74.3	5.1
11-4	050698	0945	24.67	7.89	49790	32.7	73.5	5.0
11-4	050698	1000	24.67	7.88	49789	32.7	71.7	4.9
11-4	050698	1015	24.67	7.88	49775	32.7	68.8	4.7
11-4	050698	1030	24.65	7.87	49743	32.6	70.5	4.8
11-4	050698	1045	24.65	7.86	49668	32.6	68.9	4.7
11-4	050698	1100	24.72	7.87	49649	32.6	69.6	4.8
11-4	050698	1115	24.86	7.92	49579	32.5	79.8	5.4
11-4	050698	1130	24.80	7.90	49591	32.5	75.9	5.2
11-4	050698	1145	24.78	7.89	49601	32.5	75.5	5.1
11-4	050698	1200	24.75	7.88	49641	32.6	74.2	5.1
11-4	050698	1215	24.78	7.89	49640	32.6	75.1	5.1
11-4	050698	1230	24.81	7.89	49607	32.5	75.0	5.1
11-4	050698	1245	24.76	7.86	49659	32.6	68.0	4.6
11-4	050698	1300	24.73	7.84	49676	32.6	61.8	4.2
11-4	050698	1315	24.80	7.87	49628	32.5	64.0	4.4
11-4	050698	1330	24.72	7.84	49672	32.6	60.9	4.2
11-4	050698	1345	24.75	7.85	49658	32.6	59.4	4.1
11-4	050698	1400	24.80	7.87	49612	32.5	67.3	4.6
11-4	050698	1415	24.79	7.87	49635	32.6	67.3	4.6
11-4	050698	1430	24.86	7.89	49566	32.5	72.8	5.0
11-4	050698	1445	24.78	7.87	49641	32.6	65.1	4.4

Hydrolab DS3 Continuous Deployment at Station 10-4

May 5-6, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
10-4	050598	1445	26.08	8.17	50446	33.2	###.#	##.##
10-4	050598	1500	26.30	8.23	50314	33.1	###.#	##.##
10-4	050598	1515	26.45	8.26	49957	32.8	###.#	##.##
10-4	050598	1530	26.58	8.27	49531	32.5	###.#	##.##
10-4	050598	1545	26.71	8.30	49235	32.3	###.#	##.##
10-4	050598	1600	26.71	8.28	49169	32.2	###.#	##.##
10-4	050598	1615	26.60	8.25	49076	32.1	###.#	##.##
10-4	050598	1630	26.51	8.23	49250	32.3	###.#	##.##
10-4	050598	1645	26.37	8.21	49088	32.2	###.#	##.##
10-4	050598	1700	25.94	8.15	49186	32.2	189.9	12.7
10-4	050598	1715	25.76	8.10	49341	32.3	183.1	12.3
10-4	050598	1730	25.63	8.06	49313	32.3	169.7	11.4
10-4	050598	1745	25.31	8.01	49378	32.4	148.2	10.0
10-4	050598	1800	25.16	7.99	49348	32.3	142.7	9.7
10-4	050598	1815	25.03	7.97	49388	32.4	137.0	9.3
10-4	050598	1830	24.96	7.96	49504	32.5	131.5	8.9
10-4	050598	1845	24.92	7.93	49496	32.5	120.1	8.2
10-4	050598	1900	24.88	7.91	49554	32.5	111.8	7.6
10-4	050598	1915	24.85	7.89	49613	32.5	111.3	7.6
10-4	050598	1930	24.83	7.88	49674	32.6	106.3	7.2
10-4	050598	1945	24.92	7.89	49691	32.6	96.5	6.6
10-4	050598	2000	24.98	7.86	49768	32.7	94.3	6.4
10-4	050598	2015	25.01	7.82	49774	32.7	78.6	5.3
10-4	050598	2030	25.11	7.87	49793	32.7	84.0	5.7
10-4	050598	2045	25.16	7.83	49869	32.7	80.1	5.4
10-4	050598	2100	25.20	7.88	49876	32.7	92.1	6.2
10-4	050598	2115	25.18	7.89	49873	32.7	96.1	6.5
10-4	050598	2130	25.18	7.89	49873	32.7	98.1	6.6
10-4	050598	2145	25.20	7.87	49941	32.8	91.7	6.2
10-4	050598	2200	25.16	7.88	49934	32.8	90.3	6.1
10-4	050598	2215	25.18	7.86	49938	32.8	88.0	5.9
10-4	050598	2230	25.16	7.84	49934	32.8	77.7	5.3
10-4	050598	2245	25.07	7.84	50046	32.9	84.2	5.7
10-4	050598	2300	25.00	7.83	50031	32.8	75.3	5.1

Hydrolab DS3 Continuous Deployment at Station 10-4

May 5-6, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
10-4	050598	2315	24.92	7.80	50017	32.8	73.5	5.0
10-4	050598	2330	24.85	7.77	50068	32.9	68.6	4.7
10-4	050598	2345	24.79	7.77	50057	32.9	69.2	4.7
10-4	050698	0000	24.74	7.75	50112	32.9	66.0	4.5
10-4	050698	0015	24.72	7.73	50108	32.9	58.9	4.0
10-4	050698	0030	24.66	7.72	50098	32.9	59.3	4.0
10-4	050698	0045	24.63	7.72	50156	32.9	55.5	3.8
10-4	050698	0100	24.59	7.69	50149	32.9	52.8	3.6
10-4	050698	0115	24.59	7.67	50149	32.9	48.8	3.3
10-4	050698	0130	24.55	7.66	50143	32.9	47.6	3.3
10-4	050698	0145	24.52	7.65	50201	33.0	43.2	3.0
10-4	050698	0200	24.48	7.62	50194	33.0	38.4	2.6
10-4	050698	0215	24.43	7.60	50250	33.0	36.3	2.5
10-4	050698	0230	24.41	7.58	50246	33.0	32.7	2.2
10-4	050698	0245	24.39	7.57	50243	33.0	32.9	2.3
10-4	050698	0300	24.33	7.55	50233	33.0	28.3	1.9
10-4	050698	0315	24.28	7.54	50288	33.0	27.5	1.9
10-4	050698	0330	24.26	7.50	50350	33.1	22.2	1.5
10-4	050698	0345	24.18	7.50	50323	33.1	24.9	1.7
10-4	050698	0400	24.13	7.51	50328	33.1	22.6	1.6
10-4	050698	0415	24.15	7.51	50331	33.1	21.7	1.5
10-4	050698	0430	24.15	7.49	50331	33.1	19.2	1.3
10-4	050698	0445	24.23	7.59	50332	33.1	34.4	2.4
10-4	050698	0500	24.43	7.69	50314	33.1	49.8	3.4
10-4	050698	0515	24.46	7.72	50386	33.1	52.4	3.6
10-4	050698	0530	24.52	7.77	50461	33.2	65.8	4.5
10-4	050698	0545	24.52	7.80	50526	33.2	71.3	4.9
10-4	050698	0600	24.52	7.80	50526	33.2	70.3	4.8
10-4	050698	0615	24.54	7.83	50529	33.2	79.1	5.4
10-4	050698	0630	24.54	7.83	50529	33.2	75.1	5.1
10-4	050698	0645	24.55	7.86	50532	33.2	86.7	5.9
10-4	050698	0700	24.59	7.89	50474	33.2	94.2	6.4
10-4	050698	0715	24.63	7.90	50481	33.2	98.7	6.7
10-4	050698	0730	24.66	7.90	50423	33.1	96.5	6.6

Hydrolab DS3 Continuous Deployment at Station 10-4

May 5-6, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
10-4	050698	0745	24.70	7.94	50300	33.0	108.7	7.4
10-4	050698	0800	24.77	7.96	50249	33.0	112.0	7.6
10-4	050698	0815	24.85	7.96	50263	33.0	117.3	8.0
10-4	050698	0830	24.90	7.98	50208	33.0	124.2	8.4
10-4	050698	0845	24.96	7.98	50219	33.0	122.0	8.3
10-4	050698	0900	25.03	7.99	50169	32.9	128.1	8.7
10-4	050698	0915	25.09	7.99	50115	32.9	130.5	8.8
10-4	050698	0930	25.16	8.01	50129	32.9	132.6	9.0
10-4	050698	0945	25.27	8.03	50087	32.9	142.6	9.6
10-4	050698	1000	25.42	8.06	50052	32.9	152.3	10.2
10-4	050698	1015	25.55	8.06	50080	32.9	155.4	10.4
10-4	050698	1030	25.76	8.09	49993	32.8	167.6	11.2
10-4	050698	1045	25.96	8.12	50105	32.9	180.7	12.0
10-4	050698	1100	26.17	8.15	50021	32.8	194.3	12.9
10-4	050698	1115	26.43	8.19	49952	32.8	###.#	###.##
10-4	050698	1130	26.73	8.23	49830	32.7	###.#	###.##
10-4	050698	1145	27.02	8.27	49837	32.7	###.#	###.##
10-4	050698	1200	27.30	8.33	49780	32.7	###.#	###.##
10-4	050698	1215	27.57	8.35	49655	32.6	###.#	###.##
10-4	050698	1230	27.75	8.41	49704	32.6	###.#	###.##
10-4	050698	1245	27.51	8.43	49624	32.5	###.#	###.##
10-4	050698	1300	27.44	8.46	49553	32.5	###.#	###.##
10-4	050698	1315	27.55	8.48	49387	32.4	###.#	###.##
10-4	050698	1330	28.28	8.52	49183	32.2	###.#	###.##
10-4	050698	1345	28.82	8.51	48686	31.9	###.#	###.##
10-4	050698	1400	29.14	8.51	48585	31.8	###.#	###.##
10-4	050698	1415	29.35	8.52	48399	31.6	###.#	###.##
10-4	050698	1430	29.56	8.51	48121	31.4	###.#	###.##
10-4	050698	1445	29.73	8.53	47913	31.3	###.#	###.##
10-4	050698	1500	29.87	8.55	47759	31.2	###.#	###.##
10-4	050698	1515	29.99	8.55	47533	31.0	###.#	###.##

Sarasota Bay / Myakka River Status and Trends Monitoring Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
10-1	060998	0413	0.2	34.7	52.66	28.95	8.11	5.79	93.0
10-1	060998	0414	1.0	34.7	52.63	29.02	8.12	5.85	93.7
10-1	060998	0415	3.4	34.9	52.93	24.62	7.94	5.36	79.2
10-1	060998	1133	0.2	34.6	52.53	28.21	8.04	6.28	99.1
10-1	060998	1134	1.0	34.6	52.51	28.07	8.04	6.37	100.6
10-1	060998	1134	3.6	34.8	52.81	25.29	7.98	6.04	90.6
10-2	060998	0351	0.2	34.5	52.48	28.34	7.98	5.97	93.3
10-2	060998	0351	0.9	34.6	52.51	28.30	8.00	5.75	89.8
10-2	060998	0352	1.6	34.6	52.50	28.26	7.99	5.64	88.0
10-2	060998	1053	0.2	34.8	52.73	27.54	8.00	6.29	97.4
10-2	060998	1054	1.0	34.8	52.71	26.96	7.99	6.33	98.0
10-2	060998	1055	1.7	34.9	52.88	24.72	7.96	6.20	93.3
10-3	060998	0604	0.3	34.8	52.84	28.80	8.02	4.16	66.5
10-3	060998	1035	0.2	34.3	52.15	28.72	8.02	5.53	87.4
10-3	060998	1035	0.6	34.4	52.27	28.72	8.03	5.52	87.4
10-3	060998	1036	0.9	34.4	52.34	28.68	8.04	5.56	87.8
10-4	060998	0454	0.2	34.7	52.72	27.21	7.98	5.40	83.9
10-4	060998	0455	1.0	34.7	52.64	27.41	8.00	5.43	84.8
10-4	060998	0456	2.8	34.6	52.60	27.07	7.96	4.91	76.1
10-4	060998	1223	0.2	34.8	52.72	27.82	7.96	5.78	91.5
10-4	060998	1223	1.0	34.7	52.73	27.15	7.95	5.86	91.0
10-4	060998	1224	3.3	34.9	52.87	23.11	7.94	6.05	87.4
10-5	060998	0524	0.2	34.3	52.11	25.01	7.95	5.59	83.1
10-5	060998	0524	0.7	34.2	52.32	24.39	7.96	5.67	84.5
10-5	060998	0525	1.2	34.9	52.91	23.88	7.95	5.67	82.8
10-5	060998	1329	0.2	34.9	52.95	24.21	7.96	6.26	92.2
10-5	060998	1330	1.0	34.9	53.04	24.00	7.96	6.30	92.9
10-5	060998	1330	2.0	34.9	52.97	23.60	7.97	6.42	93.4

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
11-1	060998	0425	0.2	34.5	52.40	29.71	8.13	5.05	81.2
11-1	060998	0425	1.0	34.5	52.42	29.70	8.13	5.03	81.4
11-1	060998	0426	2.7	34.4	52.35	29.69	8.13	5.09	82.1
11-1	060998	1113	0.2	34.6	52.49	29.16	8.11	6.31	101.0
11-1	060998	1114	1.0	34.6	52.46	29.14	8.11	6.36	102.0
11-1	060998	1115	3.1	34.5	52.47	28.80	8.09	6.25	98.6
11-2	060998	0403	0.2	34.7	52.65	28.22	8.03	5.78	90.2
11-2	060998	0405	1.0	34.6	52.63	28.20	8.04	5.78	91.5
11-2	060998	0406	3.3	34.6	52.58	28.16	8.04	5.77	91.5
11-2	060998	1151	0.2	34.7	52.76	27.50	8.03	6.38	100.0
11-2	060998	1152	1.0	34.7	52.75	27.28	8.00	6.22	96.8
11-2	060998	1153	3.7	34.8	52.79	25.42	7.99	6.31	94.7
11-3	060998	0443	0.2	34.5	52.43	28.56	7.98	5.21	82.8
11-3	060998	0444	1.0	34.5	52.40	28.58	7.98	5.25	83.5
11-3	060998	0444	3.4	34.5	52.70	27.03	7.95	4.80	72.4
11-3	060998	1354	0.2	34.7	52.67	27.45	8.02	6.35	98.9
11-3	060998	1355	1.0	34.7	52.73	26.56	8.02	6.44	98.8
11-3	060998	1355	2.6	34.7	52.67	26.51	8.02	6.56	100.7
11-4	060998	0506	0.2	34.6	52.57	28.47	8.00	5.46	86.6
11-4	060998	0506	1.0	34.5	52.44	28.49	8.00	5.48	86.6
11-4	060998	0507	1.7	34.6	52.47	28.13	7.99	5.21	82.3
11-4	060998	1244	0.2	34.7	52.71	27.15	7.96	5.69	88.2
11-4	060998	1245	1.0	34.8	52.92	24.94	7.94	5.99	89.7
11-4	060998	1246	2.5	34.9	52.91	24.01	7.95	6.18	91.8
11-5	060998	0516	0.2	34.6	52.59	27.43	7.97	5.48	85.2
11-5	060998	0517	1.0	34.6	52.54	27.45	7.97	5.51	85.9
11-5	060998	0517	2.6	34.9	52.98	24.34	7.93	5.23	75.6
11-5	060998	1309	0.2	34.8	52.78	25.57	7.96	6.17	92.9
11-5	060998	1310	1.0	34.8	52.81	25.34	7.96	6.29	94.7
11-5	060998	1310	2.6	34.9	52.89	23.91	7.97	6.62	96.9

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
13-1	061098	0415	0.2	34.6	52.54	28.36	7.77	4.12	64.5
13-1	061098	0416	0.4	34.7	52.73	28.25	7.75	3.61	57.0
13-1	061098	0418	0.5	34.3	52.08	28.71	7.82	4.46	71.0
13-1	061098	1315	0.2	34.7	52.57	29.92	7.96	6.66	108.4
13-1	061098	1316	1.0	35.2	53.33	28.01	7.93	6.63	104.6
13-1	061098	1317	2.1	35.2	53.37	27.85	7.93	6.53	103.0
13-2	061098	0430	0.2	33.6	51.17	29.88	7.83	4.81	77.4
13-2	061098	0431	1.0	34.4	52.30	29.62	7.87	5.04	81.6
13-2	061098	0432	3.5	35.1	53.28	28.82	7.92	5.30	84.6
13-2	061098	1256	0.2	34.9	52.91	30.22	7.88	5.83	94.9
13-2	061098	1256	1.0	35.1	53.23	29.45	7.89	6.03	97.6
13-2	061098	1257	3.6	35.7	54.00	27.64	7.90	6.22	97.7
13-3	061098	0445	0.2	33.6	51.14	30.24	7.81	4.71	76.6
13-3	061098	0445	0.7	33.5	51.02	30.24	7.81	4.62	75.1
13-3	061098	0446	1.1	33.4	50.98	30.22	7.81	4.53	73.5
13-3	061098	1231	0.2	34.7	52.66	29.91	7.86	5.59	91.0
13-3	061098	1232	1.0	34.7	52.75	29.77	7.86	5.71	92.7
13-3	061098	1233	1.7	34.8	52.82	29.72	7.86	5.62	90.7
13-4	061098	0455	0.2	33.3	50.75	30.34	7.80	4.53	73.7
13-4	061098	0456	1.0	33.3	50.83	30.36	7.80	4.57	74.0
13-4	061098	0456	1.9	33.3	50.86	30.39	7.80	4.57	74.3
13-4	061098	1211	0.2	34.4	52.27	30.34	7.84	5.57	90.9
13-4	061098	1212	1.0	34.5	52.36	30.05	7.84	5.57	90.7
13-4	061098	1213	1.8	34.5	52.42	29.96	7.85	5.66	92.1
13-5	061098	0508	0.2	33.0	50.39	30.29	7.82	4.84	78.6
13-5	061098	0509	1.0	33.0	50.43	30.35	7.82	4.79	77.7
13-5	061098	0509	2.0	33.0	50.38	30.35	7.82	4.79	77.6
13-5	061098	1150	0.2	33.1	50.46	31.35	7.83	5.70	94.2
13-5	061098	1151	1.0	33.2	50.59	31.13	7.82	5.65	92.9
13-5	061098	1151	2.1	33.7	51.33	30.46	7.78	5.24	85.7

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Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
14-1	061098	0516	0.2	32.9	50.24	29.82	7.82	5.03	80.6
14-1	061098	0517	0.9	32.9	50.26	29.83	7.82	4.94	79.4
14-1	061098	0518	1.5	32.9	50.28	29.82	7.82	4.90	78.6
14-1	061098	1124	0.2	32.9	50.22	30.71	7.85	5.73	93.5
14-1	061098	1125	0.6	32.9	50.25	30.59	7.85	5.76	93.8
14-1	061098	1126	0.9	32.9	50.21	30.55	7.84	5.61	91.2
14-2	061098	0526	0.2	31.9	48.93	30.42	7.91	5.39	87.1
14-2	061098	0526	1.0	32.1	49.10	30.41	7.91	5.41	87.4
14-2	061098	0527	1.8	32.1	49.19	30.41	7.91	5.44	87.3
14-2	061098	1109	0.2	31.7	48.58	30.80	7.85	5.67	91.0
14-2	061098	1110	1.0	31.8	48.75	30.95	7.85	5.77	93.9
14-2	061098	1111	1.9	31.9	48.86	30.78	7.85	5.62	90.8
14-3	061098	0535	0.2	32.6	49.87	29.42	7.87	3.10	49.2
14-3	061098	1053	0.2	33.5	51.02	30.75	8.02	6.12	100.2
14-3	061098	1054	0.5	33.5	51.04	30.72	8.02	6.17	101.0
14-3	061098	1055	0.8	33.5	51.04	30.74	8.02	6.29	103.1
14-4	061098	0553	0.2	33.3	50.85	29.37	7.94	4.30	68.3
14-4	061098	0553	0.7	33.4	50.90	29.36	7.94	4.27	68.3
14-4	061098	0554	1.1	33.4	50.90	29.33	7.93	4.23	67.6
14-4	061098	1033	0.2	33.6	51.27	30.20	7.98	5.29	84.7
14-4	061098	1034	0.8	33.7	51.29	30.11	7.99	5.60	90.3
14-4	061098	1035	1.3	33.7	51.28	30.08	8.00	5.71	92.5
14-5	061098	0609	0.2	33.5	51.02	29.83	7.91	3.75	60.2
14-5	061098	0609	0.7	33.5	51.05	29.85	7.91	3.77	61.1
14-5	061098	0610	1.2	33.5	51.05	29.85	7.92	3.79	61.2
14-5	061098	1019	0.2	34.0	51.72	30.41	7.92	5.23	84.9
14-5	061098	1020	0.8	34.0	51.67	30.41	7.93	5.17	84.5
14-5	061098	1021	1.3	34.2	51.92	29.89	8.04	6.47	106.4

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
16-1	060998	0419	0.2	32.8	50.09	29.37	7.90	4.68	74.8
16-1	060998	0421	0.5	32.9	50.19	29.28	7.89	4.08	65.2
16-1	060998	0423	0.8	33.0	50.35	28.99	7.79	2.80	44.3
16-1	060998	1333	0.2	33.5	51.06	29.29	8.00	6.53	104.3
16-1	060998	1334	1.0	33.6	51.28	28.85	8.01	6.66	106.7
16-1	060998	1335	2.3	34.2	52.01	27.33	8.00	6.75	104.0
16-2	060998	0434	0.2	33.5	51.05	29.21	7.94	5.11	81.7
16-2	060998	0435	1.0	33.5	51.03	29.16	7.95	5.14	81.4
16-2	060998	0436	3.6	34.0	51.79	27.96	7.94	5.40	84.6
16-2	060998	1310	0.2	34.4	52.35	27.09	8.00	6.70	104.0
16-2	060998	1311	1.0	34.6	52.50	26.36	7.97	6.65	102.3
16-2	060998	1312	3.9	35.1	53.13	23.64	7.94	6.71	98.1
16-3	060998	0446	0.2	33.2	50.66	29.27	7.94	5.03	80.5
16-3	060998	0447	0.7	33.5	51.06	29.11	7.93	4.84	77.4
16-3	060998	0447	1.2	33.7	51.39	29.01	7.89	4.68	73.9
16-3	060998	1257	0.2	34.8	52.86	25.66	7.97	6.93	105.1
16-3	060998	1258	0.9	35.1	53.27	23.76	7.96	6.97	102.2
16-3	060998	1259	1.6	35.1	53.25	23.73	7.95	7.01	102.6
16-4	060998	0503	0.2	34.7	52.70	24.62	7.87	5.20	77.1
16-4	060998	0504	0.7	34.7	52.67	24.61	7.87	5.14	76.4
16-4	060998	0504	1.1	35.5	53.64	22.64	7.89	5.49	79.3
16-4	060998	1243	0.2	35.4	53.52	23.78	7.92	6.61	97.2
16-4	060998	1243	1.0	35.4	53.54	23.02	7.93	6.75	99.2
16-4	060998	1245	3.6	35.5	53.68	22.32	7.92	6.72	95.6
16-5	060998	0512	0.2	34.9	52.96	23.70	7.89	5.46	79.9
16-5	060998	0512	1.0	35.1	53.18	23.13	7.89	5.69	82.1
16-5	060998	0513	3.8	35.4	53.57	22.05	7.90	5.91	84.7
16-5	060998	1226	0.2	35.4	53.56	22.80	7.92	6.34	91.4
16-5	060998	1227	1.0	35.4	53.52	22.82	7.91	6.42	92.5
16-5	060998	1228	2.8	35.4	53.57	22.32	7.91	6.61	94.3

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	060998	0552	0.2	32.5	49.63	30.89	7.73	4.32	70.5
LB-1	060998	0553	1.0	32.4	49.54	30.85	7.74	4.28	70.3
LB-1	060998	0553	2.3	32.4	49.54	30.89	7.75	4.29	69.7
LB-1	060998	1137	0.2	32.9	50.16	30.90	7.75	5.15	84.1
LB-1	060998	1138	1.0	32.9	50.30	30.64	7.75	5.19	85.0
LB-1	060998	1139	2.2	33.0	50.40	30.26	7.73	4.79	77.7
LB-2	060998	0600	0.2	32.4	49.56	30.67	7.85	4.56	74.1
LB-2	060998	0600	0.5	32.4	49.48	30.55	7.85	4.47	72.6
LB-2	060998	0601	0.8	32.4	49.55	30.62	7.85	4.58	73.9
LB-2	060998	1122	0.2	32.4	49.61	31.22	7.76	5.36	86.8
LB-2	060998	1123	0.8	32.5	49.63	31.23	7.76	5.15	84.4
LB-2	060998	1123	1.3	32.4	49.64	31.22	7.76	5.13	84.3
LB-3	060998	0608	0.2	32.3	49.39	30.42	7.98	4.70	75.7
LB-3	060998	0609	0.4	32.3	49.44	30.44	7.98	4.68	75.5
LB-3	060998	0609	0.5	32.3	49.47	30.44	7.98	4.65	75.3
LB-3	060998	1103	0.2	32.3	49.38	31.08	8.17	8.38	137.1
LB-3	060998	1104	0.5	32.3	49.41	31.12	8.18	8.79	144.1
LB-3	060998	1104	0.8	32.3	49.43	31.12	8.18	8.96	146.7
LB-4	060998	0618	0.2	31.3	48.07	29.40	8.11	3.79	60.2
LB-4	060998	0619	0.8	31.3	48.07	29.42	8.11	3.76	59.3
LB-4	060998	0620	1.4	31.3	48.06	29.42	8.11	3.75	59.4
LB-4	060998	1041	0.2	31.3	48.14	29.89	8.08	4.86	77.3
LB-4	060998	1042	0.9	31.3	48.12	29.84	8.08	4.68	74.6
LB-4	060998	1043	1.5	31.3	48.10	29.84	8.08	4.73	75.2
LB-5	060998	0631	0.2	32.8	50.10	30.30	8.03	4.19	67.7
LB-5	060998	0632	1.0	32.8	50.10	30.31	8.05	4.17	67.6
LB-5	060998	0632	2.0	32.8	50.09	30.31	8.05	4.10	67.1
LB-5	060998	1016	0.2	32.7	50.07	30.54	8.04	4.99	82.1
LB-5	060998	1017	1.0	33.0	50.37	30.49	8.07	5.12	83.0
LB-5	060998	1017	2.2	33.3	50.84	30.06	8.03	4.49	72.7

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
ML-1	061198	0517	0.2	8.14	14.11	30.63	7.32	5.51	77.6
ML-1	061198	0517	1.0	8.23	14.28	30.63	7.31	5.52	77.8
ML-1	061198	0518	2.1	8.26	14.30	30.64	7.31	5.53	78.0
ML-1	061098	1250	0.2	8.30	14.30	31.18	7.33	5.87	83.3
ML-1	061098	1251	0.7	8.70	14.97	30.97	7.35	5.94	84.6
ML-1	061098	1252	1.1	9.00	15.44	30.78	7.37	5.98	84.6
ML-2	061198	0507	0.2	8.81	15.21	30.44	7.31	5.35	75.3
ML-2	061198	0508	0.5	8.89	15.32	30.48	7.31	5.35	75.6
ML-2	061198	0509	0.7	8.90	15.33	30.48	7.30	5.35	75.5
ML-2	061098	1312	0.2	9.80	16.74	30.62	7.40	6.01	85.2
ML-2	061098	1312	1.0	9.90	16.96	30.51	7.40	5.97	85.0
ML-2	061098	1313	1.7	10.1	17.16	30.56	7.40	6.03	85.8
ML-3	061198	0500	0.2	9.40	16.11	30.38	7.33	5.45	76.8
ML-3	061198	0500	1.0	9.65	16.52	30.36	7.33	5.32	75.3
ML-3	061198	0501	2.0	9.67	16.55	30.35	7.33	5.32	75.2
ML-3	061098	1330	0.2	10.4	17.73	30.91	7.44	6.22	88.9
ML-3	061098	1330	1.0	10.8	18.40	30.80	7.43	6.15	88.3
ML-3	061098	1331	3.4	11.0	18.59	30.81	7.43	6.15	87.7
ML-4	061198	0445	0.2	10.4	17.63	29.73	7.32	5.06	71.1
ML-4	061198	0445	0.9	10.9	18.53	30.02	7.34	5.21	73.9
ML-4	061198	0446	1.6	11.0	18.60	30.07	7.34	5.31	75.2
ML-4	061098	1355	0.2	11.7	19.72	31.30	7.50	6.39	93.1
ML-4	061098	1356	0.7	12.0	20.12	31.29	7.51	6.45	93.9
ML-4	061098	1356	1.2	12.4	20.80	31.27	7.53	6.51	94.7
ML-5	061198	0426	0.3	12.1	20.38	30.39	7.41	5.77	82.9
ML-5	061098	1426	0.2	13.7	22.78	32.56	7.70	7.23	109.1
ML-5	061098	1427	0.5	14.6	24.14	32.35	7.72	7.38	111.2
ML-5	061098	1428	0.8	14.7	24.23	32.32	7.72	7.39	111.7

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
MU-1	061198	0637	0.2	0.14	0.289	30.57	6.91	5.36	71.6
MU-1	061198	0638	0.7	0.14	0.288	30.61	6.90	5.27	70.5
MU-1	061198	0639	1.2	0.14	0.288	30.62	6.87	5.26	70.4
MU-1	061098	1033	0.2	0.10	0.274	31.15	6.84	5.41	73.1
MU-1	061098	1033	0.8	0.10	0.274	30.55	6.80	4.96	66.3
MU-1	061098	1034	1.4	0.10	0.271	30.42	6.75	4.72	62.9
MU-2	061198	0623	0.2	0.22	0.462	30.80	7.04	5.90	79.2
MU-2	061198	0624	1.0	0.22	0.450	30.82	7.02	5.91	79.5
MU-2	061198	0624	2.3	0.21	0.433	30.82	7.01	5.96	80.1
MU-2	061098	1057	0.2	0.10	0.310	31.57	7.18	7.31	99.6
MU-2	061098	1058	1.0	0.20	0.313	30.70	6.89	5.58	74.7
MU-2	061098	1059	2.2	0.20	0.311	30.56	6.82	5.13	68.5
MU-3	061198	0601	0.2	2.68	5.014	30.51	6.99	4.77	64.7
MU-3	061198	0602	1.0	2.76	5.208	30.53	6.97	4.69	63.8
MU-3	061198	0602	2.5	2.79	5.206	30.54	6.99	4.75	64.7
MU-3	061098	1137	0.2	2.10	4.012	31.31	7.03	5.80	79.5
MU-3	061098	1137	1.0	2.20	4.102	31.24	7.03	5.73	78.8
MU-3	061098	1138	2.8	2.20	4.232	31.12	7.02	5.66	77.6
MU-4	061198	0553	0.2	3.04	5.661	30.44	7.02	4.73	64.3
MU-4	061198	0553	0.7	3.31	6.113	30.56	7.00	4.67	63.7
MU-4	061198	0554	1.2	3.34	6.148	30.55	7.00	4.66	63.6
MU-4	061098	1157	0.2	3.00	5.582	31.50	7.05	5.74	79.5
MU-4	061098	1158	0.6	3.10	5.719	31.31	7.04	5.70	78.8
MU-4	061098	1158	1.0	3.10	5.731	31.27	7.03	5.69	78.6
MU-5	061198	0535	0.2	5.93	10.53	30.50	7.16	5.10	70.7
MU-5	061198	0536	0.7	6.13	10.98	30.53	7.16	5.05	69.9
MU-5	061198	0536	1.1	6.50	11.47	30.62	7.16	5.03	69.8
MU-5	061098	1223	0.2	6.30	11.10	31.53	7.26	6.02	85.0
MU-5	061098	1224	0.6	6.30	11.21	31.41	7.26	6.02	84.9
MU-5	061098	1225	1.0	6.40	11.26	31.25	7.27	6.08	85.8

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	060998	0413	27.35861	-82.57750	27.35877	-82.57787	3.6			
10-1	060998	1133	27.35861	-82.57750	27.35852	-82.57765	3.8	1.5	980940	0.44
10-2	060998	0351	27.33611	-82.56778	27.33573	-82.56797	1.8			
10-2	060998	1053	27.33611	-82.56778	27.33548	-82.56752	1.9	>B	980943	0.50
10-3	060998	0604	27.32639	-82.57917	27.32413	-82.57993	0.6			
10-3	060998	1035	27.32639	-82.57917	27.32662	-82.58058	1.1	>B	980938	0.70
10-4	060998	0454	27.32417	-82.55583	27.32435	-82.55592	3.0			
10-4	060998	1223	27.32417	-82.55583	27.32422	-82.55612	3.5	1.2	980945	0.35
10-5	060998	0524	27.31194	-82.55111	27.31155	-82.55210	1.4			
10-5	060998	1329	27.31194	-82.55111	27.31247	-82.55110	2.2	>B	980941	0.25
11-1	060998	0425	27.37028	-82.56833	27.37005	-82.56837	2.9			
11-1	060998	1113	27.37028	-82.56833	27.37063	-82.56835	3.3	1.6	980939	0.63
11-2	060998	0403	27.35278	-82.56556	27.35312	-82.56635	3.5			
11-2	060998	1151	27.35278	-82.56556	27.35343	-82.56543	3.9	1.7	980936	0.37
11-3	060998	0443	27.33361	-82.55917	27.33318	-82.55895	3.6			
11-3	060998	1354	27.33361	-82.55917	27.33367	-82.55667	2.8	1.7	980942	0.45
11-4	060998	0506	27.32389	-82.54778	27.32388	-82.54827	1.9			
11-4	060998	1244	27.32389	-82.54778	27.32397	-82.54727	2.7	1.3	980946	0.47
11-5	060998	0516	27.31167	-82.54500	27.31190	-82.54512	2.8			
11-5	060998	1309	27.31167	-82.54500	27.31183	-82.54388	2.8	>B	980937	0.19
13-1	061098	0415	27.29722	-82.54750	27.29722	-82.54840	0.7			
13-1	061098	1315	27.29722	-82.54750	27.29748	-82.54732	2.3	1.8	980922	0.57
13-2	061098	0430	27.28111	-82.54472	27.28140	-82.54478	3.7			
13-2	061098	1256	27.28111	-82.54472	27.28087	-82.54482	3.8	1.3	980918	0.74
13-3	061098	0445	27.26333	-82.54167	27.26387	-82.53978	1.3			
13-3	061098	1231	27.26333	-82.54167	27.26402	-82.53940	1.9	1.3	980915	0.89
13-4	061098	0455	27.25778	-82.53500	27.25817	-82.53458	2.1			
13-4	061098	1211	27.25778	-82.53500	27.25805	-82.53470	2.0	1.2	980920	0.98
13-5	061098	0508	27.24361	-82.52194	27.24385	-82.52210	2.2			
13-5	061098	1150	27.24361	-82.52194	27.24332	-82.52152	2.3	1.0	980924	0.37
14-1	061098	0516	27.23361	-82.52000	27.23348	-82.51917	1.7			
14-1	061098	1124	27.23361	-82.52000	27.23402	-82.51935	1.1	>B	980917	1.26
14-2	061098	0526	27.23111	-82.51083	27.23090	-82.51092	2.0			
14-2	061098	1109	27.23111	-82.51083	27.23095	-82.51080	2.1	0.8	980914	1.35
14-3	061098	0535	27.21139	-82.50472	27.21127	-82.50397	0.7			
14-3	061098	1053	27.21139	-82.50472	27.21135	-82.50378	1.0	>B	980923	1.08
14-4	061098	0553	27.19111	-82.50056	27.19070	-82.50112	1.3			
14-4	061098	1033	27.19111	-82.50056	27.19057	-82.50083	1.5	>B	980919	0.98
14-5	061098	0609	27.18556	-82.49333	27.18577	-82.49327	1.4			
14-5	061098	1019	27.18556	-82.49333	27.18583	-82.49343	1.5	>B	980921	0.68
16-1	060998	0419	27.16944	-82.48833	27.16943	-82.48802	1.0			
16-1	060998	1333	27.16944	-82.48833	27.16938	-82.48798	2.5	1.4	980929	0.70
16-2	060998	0434	27.14639	-82.48556	27.16068	-82.48430	3.8			

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
16-2	060998	1310	27.14639	-82.48556	27.16052	-82.48385	4.1	2.1	980932	0.55
16-3	060998	0446	27.15056	-82.48000	27.15103	-82.47955	1.4			
16-3	060998	1257	27.15056	-82.48000	27.15175	-82.48055	1.8	>B	980933	0.29
16-4	060998	0503	27.13806	-82.47139	27.13757	-82.47170	1.3			
16-4	060998	1243	27.13806	-82.47139	27.13848	-82.47053	3.8	3.9	980934	0.59
16-5	060998	0512	27.13056	-82.46972	27.13090	-82.46972	4.0			
16-5	060998	1226	27.13056	-82.46972	27.13078	-82.46988	3.0	>B	980926	0.29
LB-1	060998	0552	27.04139	-82.43139	27.04173	-82.43018	2.5			
LB-1	060998	1137	27.04139	-82.43139	27.04185	-82.43023	2.4	1.5	980925	0.94
LB-2	060998	0600	27.02583	-82.42222	27.02607	-82.42113	1.0			
LB-2	060998	1122	27.02583	-82.42222	27.02625	-82.42105	1.5	>B	980927	1.17
LB-3	060998	0608	27.00472	-82.40806	27.00535	-82.40628	0.7			
LB-3	060998	1103	27.00472	-82.40806	27.00542	-82.40703	1.0	>B	980930	1.30
LB-4	060998	0618	26.98389	-82.39389	26.98358	-82.39400	1.6			
LB-4	060998	1041	26.98389	-82.39389	26.98412	-82.39382	1.7	1.4	980928	1.56
LB-5	060998	0631	26.94833	-82.36139	26.94835	-82.36170	2.2			
LB-5	060998	1016	26.94833	-82.36139	26.94855	-82.36205	2.4	1.3	980931	1.14
ML-1	061198	0517	27.03667	-82.28222	27.03723	-82.28197	2.3			
ML-1	061098	1250	27.03667	-82.28222	27.03687	-82.28203	1.3	>B	980950	1.30
ML-2	061198	0507	27.03083	-82.27833	27.03188	-82.27808	0.9			
ML-2	061098	1312	27.03083	-82.27833	27.03185	-82.27698	1.9	1.2	980951	1.46
ML-3	061198	0500	27.02944	-82.27278	27.02953	-82.27347	2.2			
ML-3	061098	1330	27.02944	-82.27278	27.02983	-82.27312	3.6	1.2	980956	1.53
ML-4	061198	0445	27.01778	-82.27333	27.01785	-82.27213	1.8			
ML-4	061098	1355	27.01778	-82.27333	27.01778	-82.27287	1.4	1.0	980952	1.57
ML-5	061198	0426	27.00278	-82.25944	27.00335	-82.25997	0.5			
ML-5	061098	1426	27.00278	-82.25944	27.00228	-82.25990	1.0	>B	980957	2.05
MU-1	061198	0637	27.10000	-82.33278	27.09962	-82.33313	1.4			
MU-1	061098	1033	27.10000	-82.33278	27.09968	-82.33317	1.6	0.8	980955	2.07
MU-2	061198	0623	27.08500	-82.32750	27.08692	-82.32708	2.5			
MU-2	061098	1057	27.08500	-82.32750	27.08685	-82.32705	2.4	0.9	980949	2.17
MU-3	061198	0601	27.06472	-82.31444	27.06522	-82.31405	2.7			
MU-3	061098	1137	27.06472	-82.31444	27.06565	-82.31418	3.0	1.2	980947	1.85
MU-4	061198	0553	27.06167	-82.31056	27.06238	-82.31017	1.4			
MU-4	061098	1157	27.06167	-82.31056	27.06255	-82.30977	1.2	1.1	980954	1.69
MU-5	061198	0535	27.04889	-82.29361	27.04888	-82.29375	1.3			
MU-5	061098	1223	27.04889	-82.29361	27.04992	-82.29298	1.2	>B	980948	1.46

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	1.0M	1135	980940	6/9/1998	U0.005	U0.005	U0.005	0.18	0.18	0.024	0.08	1.1	7	4.8	8	8.08	4.2	0.8	34.6
10-2	MID	1055	980943	6/9/1998	U0.005	U0.005	U0.005	0.24	0.24	0.015	0.08	1.1	5	3.5	5	8.06	3.0	0.6	34.8
10-3	MID	1012	980938	6/9/1998	U0.005	U0.005	U0.005	0.26	0.26	0.009	0.09	2.0	8	4.9	22	8.07	12.6	3.3	34.3
10-3 REP	MID	1025	980944	6/9/1998	U0.005	U0.005	U0.005	0.29	0.29	0.008	0.08	2.1	8	5.1	23	8.07	11.3	2.8	NA
10-4	1.0M	1223	980945	6/9/1998	U0.005	U0.005	U0.005	0.14	0.14	0.022	0.09	1.1	5	5.0	5	8.04	6.1	1.0	34.8
10-5	1.0M	1328	980941	6/9/1998	U0.005	U0.005	U0.005	U0.05	U0.05	0.014	U0.05	0.9	3	0.80	3	8.01	1.4	U0.5	34.9
11-1	1.0M	1115	980939	6/9/1998	0.008	U0.005	U0.005	0.22	0.22	0.023	0.09	1.5	5	3.3	5	8.16	5.2	0.9	34.6
11-2	1.0M	1149	980936	6/9/1998	U0.005	U0.005	U0.005	0.10	0.10	0.017	0.08	1.2	7	3.2	8	8.08	2.9	0.9	34.7
11-3	1.0M	1353	980942	6/9/1998	U0.005	U0.005	U0.005	0.29	0.29	0.043	0.08	1.1	4	2.4	6	8.06	2.7	U0.5	34.7
11-4	1.0M	1244	980946	6/9/1998	U0.005	U0.005	U0.005	0.12	0.12	0.022	0.08	1.0	9	4.4	4	8.03	5.7	U0.5	34.7
11-5	1.0M	1309	980937	6/9/1998	U0.005	U0.005	U0.005	U0.05	U0.05	0.017	0.06	0.7	2	1.4	4	8.00	1.7	U0.5	34.8
13-1	1.0M	1315	980922	6/10/1998	U0.005	U0.005	U0.005	0.06	0.06	0.039	0.07	1.1	5	2.5	9	8.00	3.7	U0.5	34.7
13-1 REP	1.0M	1322	980916	6/10/1998	U0.005	U0.005	U0.005	0.11	0.11	0.042	0.09	0.8	3	3.3	8	7.99	3.9	U0.5	NA
13-2	1.0M	1255	980918	6/10/1998	U0.005	U0.005	U0.005	0.22	0.22	0.068	0.13	0.9	5	3.0	12	7.96	3.1	1.2	34.9
13-3	MID	1235	980915	6/10/1998	U0.005	U0.005	U0.005	0.21	0.21	0.082	0.16	1.4	6	4.6	16	7.94	5.4	2.7	34.7
13-4	1.0M	1211	980920	6/10/1998	U0.005	U0.005	U0.005	0.25	0.25	0.092	0.19	1.1	8	4.4	21	7.92	6.6	2.5	34.4
13-5	1.0M	1149	980924	6/10/1998	U0.005	U0.005	U0.005	0.35	0.35	0.134	0.24	2.0	9	5.5	25	7.90	9.4	2.8	33.1
14-1	MID	1126	980917	6/10/1998	U0.005	U0.005	U0.005	0.50	0.50	0.120	0.26	1.5	11	7.7	25	7.92	12.0	4.0	32.9
14-2	1.0M	1109	980914	6/10/1998	U0.005	U0.005	U0.005	0.53	0.53	0.128	0.23	1.5	12	7.6	24	7.93	10.6	3.0	31.7
14-3	MID	1053	980923	6/10/1998	U0.005	U0.005	U0.005	0.39	0.39	0.081	0.18	1.8	6	4.0	21	8.05	7.8	1.5	33.5
14-4	MID	1033	980919	6/10/1998	U0.005	U0.005	U0.005	0.45	0.45	0.070	0.16	1.9	7	4.2	20	8.00	5.5	2.2	33.6
14-5	MID	1021	980921	6/10/1998	0.049	0.006	0.007	0.40	0.41	0.075	0.21	1.1	5	3.1	15	7.96	2.2	2.1	34.0

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	1.0M	1334	980929	6/9/1998	U0.005	U0.005	U0.005	0.27	0.27	0.051	0.13	1.8	5	3.0	18	8.11	5.5	1.2	33.5
16-1 REP	1.0M	1340	980935	6/9/1998	U0.005	U0.005	U0.005	0.27	0.27	0.055	0.14	1.7	6	3.0	22	8.11	5.6	U0.5	NA
16-2	1.0M	1310	980932	6/9/1998	U0.005	U0.005	U0.005	0.10	0.10	0.034	0.09	1.4	3	2.6	10	8.09	3.2	U0.5	34.4
16-3	MID	1300	980933	6/9/1998	U0.005	U0.005	U0.005	U0.05	U0.05	0.028	0.07	0.9	5	2.8	8	8.09	1.8	0.7	34.8
16-4	1.0M	1242	980934	6/9/1998	U0.005	U0.005	U0.005	U0.05	U0.05	0.016	0.09	0.6	U2	1.2	3	8.06	1.1	U0.5	35.4
16-5	1.0M	1226	980926	6/9/1998	U0.005	U0.005	U0.005	U0.05	U0.05	0.017	0.06	0.3	U2	1.5	3	8.06	0.6	U0.5	35.4
LB-1	1.0M	1137	980925	6/9/1998	U0.005	0.016	0.017	0.18	0.20	0.073	0.15	1.2	4	3.5	21	7.89	6.3	1.2	32.9
LB-2	MID	1123	980927	6/9/1998	0.019	0.014	0.014	0.27	0.28	0.100	0.22	1.0	5	3.7	24	7.90	8.3	1.2	32.4
LB-3	MID	1102	980930	6/9/1998	U0.005	U0.005	U0.005	0.66	0.66	0.086	0.33	4.2	6	2.9	24	8.26	13.2	U0.5	32.3
LB-4	MID	1039	980928	6/9/1998	U0.005	U0.005	U0.005	0.64	0.64	0.074	0.32	7.6	12	5.9	27	8.11	20.5	3.1	31.3
LB-5	1.0M	1029	980931	6/9/1998	0.010	U0.005	U0.005	0.60	0.60	0.039	0.18	5.4	10	4.4	21	8.15	12.6	1.8	32.7
ML-1	MID	1250	980950	6/10/1998	0.014	U0.005	U0.005	0.56	0.56	0.204	0.29	1.2	2	1.5	80	7.43	6.7	1.2	8.30
ML-2	MID	1310	980951	6/10/1998	0.007	U0.005	U0.005	0.59	0.59	0.207	0.31	1.4	3	2.7	90	7.48	9.6	2.2	9.80
ML-3	1.0M	1330	980956	6/10/1998	0.015	U0.005	U0.005	0.58	0.58	0.211	0.30	1.3	3	2.6	70	7.40	9.4	1.9	10.4
ML-4	MID	1351	980952	6/10/1998	0.008	U0.005	U0.005	0.60	0.60	0.211	0.30	1.7	5	3.4	85	7.48	7.0	2.3	11.7
ML-5	MID	1420	980957	6/10/1998	0.005	U0.005	U0.005	0.63	0.63	0.203	0.32	1.7	9	4.5	70	7.69	8.3	2.1	13.7
ML-5 REP	MID	1435	980953	6/10/1998	0.005	U0.005	U0.005	0.79	0.79	0.213	0.40	1.8	11	5.6	75	7.60	10.1	3.0	NA
MU-1	MID	1020	980955	6/10/1998	0.023	0.006	0.007	1.18	1.19	0.267	0.37	1.9	4	4.2	90	7.30	32.3	9.3	0.10
MU-2	1.0M	1057	980949	6/10/1998	0.017	U0.005	U0.005	1.28	1.28	0.255	0.37	1.8	4	3.3	100	7.35	30.6	8.2	0.10
MU-3	1.0M	1135	980947	6/10/1998	0.008	U0.005	U0.005	0.79	0.79	0.194	0.32	1.0	3	2.2	100	7.41	8.1	3.3	2.10
MU-4	MID	1157	980954	6/10/1998	U0.005	U0.005	U0.005	0.74	0.74	0.206	0.28	1.2	2	2.0	90	7.30	8.1	2.4	3.00
MU-5	MID	1223	980948	6/10/1998	0.013	U0.005	U0.005	0.60	0.60	0.193	0.28	1.0	U2	1.3	85	7.63	4.9	1.8	6.30
EQP BLK		1452	980958	6/10/1998	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.1	U2	U0.2	U1	6.21	U0.5	U0.5	NA
EQP BLK		0740	980959	6/10/1998	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.1	U2	U0.2	U1	6.11	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rain Intensity		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)
			Begin (EST)	End (EST)	Min	Max	Min	Max (%)				
060998	AM	10	0351	0604	0		5	- 55	27	110 - 120	5 - 10	<0.5
060998	PM	10	1035	1329	0		10	- 90		60 - 210	<5 - 5	<0.5
060998	AM	11	0403	0516	0		10	- 45		90 - 120	5	<0.5 - 0.5
060998	PM	11	1113	1354	0		55	- 85		180 - 270	5 - 10	<0.5 - 1.0
061098	AM	13	0415	0508	0		70		25	140 - 160	<5 - 5	<0.5 - 0.5
061098	PM	13	1150	1315	0		15			140	<5 - 5	<0.5 - 0.5
061098	AM	14	0516	0609	0		70	- 80		140	<5 - 5	<0.5 - 0.5
061098	PM	14	1019	1124	0		10	- 15		140 - 210	<5 - 5	<0.5 - 0.5
060998	AM	16	0419	0512	0		5		25	60	<5 - 5	<0.5 - 0.5
060998	PM	16	1226	1333	0		40	- 70		140 - 160	<5 - 15	<0.5 - 0.5
060998	AM	LB	0552	0631	0		0	- 5		60	<5 - 5	<0.5 - 0.5
060998	PM	LB	1016	1137	0		20	- 40	27	60 - 150	5 - 15	<0.5 - 1.0
061098	PM	ML	1250	1426	0		30	- 85		30 - 120	<5 - 5	<0.5
061098	PM	MU	1033	1223	0		35	- 85	27	30	<5 - 5	<0.5
061198	AM	ML	0426	0517	0		0		29	135	<5 - 5	<0.5
061198	AM	MU	0535	0637	0		0	- 10	28	-	<5	<0.5

Hydrolab DS3 Continuous Deployment at Station MU-2
June 10-11, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-2	061098	0900	30.65	7.07	32.4	U0.01	68.9	5.2
MU-2	061098	0915	30.67	7.06	32.0	U0.01	67.7	5.1
MU-2	061098	0930	30.65	7.06	31.9	U0.01	62.0	4.6
MU-2	061098	0945	30.69	7.04	31.8	U0.01	65.9	4.9
MU-2	061098	1000	30.67	7.05	32.2	U0.01	68.2	5.1
MU-2	061098	1015	30.69	7.06	33.0	U0.01	69.1	5.2
MU-2	061098	1030	30.81	7.10	34.6	U0.01	74.4	5.5
MU-2	061098	1045	30.99	7.14	35.9	U0.01	79.5	5.9
MU-2	061098	1100	31.03	7.16	37.1	U0.01	81.1	6.0
MU-2	061098	1115	30.95	7.15	38.8	U0.01	79.9	5.9
MU-2	061098	1130	31.14	7.20	42.7	U0.01	84.7	6.3
MU-2	061098	1145	31.30	7.27	49.3	U0.01	90.8	6.7
MU-2	061098	1200	31.34	7.27	54.7	U0.01	90.2	6.7
MU-2	061098	1215	31.36	7.26	59.7	U0.01	89.4	6.6
MU-2	061098	1230	31.47	7.29	69.4	U0.01	91.3	6.7
MU-2	061098	1245	31.53	7.30	81.3	U0.01	91.8	6.8
MU-2	061098	1300	31.61	7.30	95.4	U0.01	93.1	6.8
MU-2	061098	1315	31.63	7.30	102.8	U0.01	92.7	6.8
MU-2	061098	1330	31.76	7.30	117.4	U0.01	93.4	6.8
MU-2	061098	1345	31.82	7.29	133.1	0.10	93.2	6.8
MU-2	061098	1400	31.92	7.29	148.5	0.10	93.8	6.9
MU-2	061098	1415	32.01	7.29	164	0.10	94.6	6.9
MU-2	061098	1430	32.07	7.29	178	0.10	94.6	6.9
MU-2	061098	1445	32.09	7.28	189	0.10	94.5	6.9
MU-2	061098	1500	32.11	7.27	204	0.10	93.5	6.8
MU-2	061098	1515	32.17	7.27	221	0.10	93.5	6.8
MU-2	061098	1530	32.24	7.26	236	0.10	93.9	6.8
MU-2	061098	1545	32.26	7.26	248	0.10	92.8	6.7
MU-2	061098	1600	32.26	7.25	255	0.10	89.3	6.5
MU-2	061098	1615	32.24	7.21	257	0.10	80.3	5.8
MU-2	061098	1630	32.26	7.18	255	0.10	81.6	5.9
MU-2	061098	1645	32.24	7.21	243	0.10	84.9	6.2
MU-2	061098	1700	32.21	7.25	217	0.10	88.0	6.4
MU-2	061098	1715	32.21	7.31	186	0.10	93.8	6.8

Hydrolab DS3 Continuous Deployment at Station MU-2
June 10-11, 1998
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Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-2	061098	1730	32.17	7.32	172	0.10	94.2	6.9
MU-2	061098	1745	32.13	7.32	158	0.10	93.3	6.8
MU-2	061098	1800	32.11	7.33	144.9	0.10	93.6	6.8
MU-2	061098	1815	32.07	7.34	129.6	0.10	93.5	6.8
MU-2	061098	1830	32.03	7.34	115.9	U0.01	93.4	6.8
MU-2	061098	1845	32.01	7.36	102.8	U0.01	93.8	6.9
MU-2	061098	1900	31.96	7.37	90.5	U0.01	94.4	6.9
MU-2	061098	1915	31.94	7.38	79.1	U0.01	94.8	6.9
MU-2	061098	1930	31.94	7.37	70.1	U0.01	94.6	6.9
MU-2	061098	1945	31.94	7.37	62.6	U0.01	94.3	6.9
MU-2	061098	2000	31.96	7.38	55.5	U0.01	94.8	6.9
MU-2	061098	2015	31.94	7.36	50.9	U0.01	94.3	6.9
MU-2	061098	2030	31.92	7.35	47.0	U0.01	93.7	6.9
MU-2	061098	2045	31.90	7.34	44.2	U0.01	92.4	6.8
MU-2	061098	2100	31.86	7.32	41.2	U0.01	91.9	6.7
MU-2	061098	2115	31.82	7.31	39.0	U0.01	90.4	6.6
MU-2	061098	2130	31.78	7.29	37.0	U0.01	89.1	6.5
MU-2	061098	2145	31.73	7.27	35.6	U0.01	88.0	6.5
MU-2	061098	2200	31.67	7.26	34.3	U0.01	87.2	6.4
MU-2	061098	2215	31.65	7.24	33.6	U0.01	85.5	6.3
MU-2	061098	2230	31.61	7.23	32.7	U0.01	83.8	6.2
MU-2	061098	2245	31.57	7.21	31.7	U0.01	82.6	6.1
MU-2	061098	2300	31.51	7.20	31.1	U0.01	81.2	6.0
MU-2	061098	2315	31.47	7.18	30.6	U0.01	79.8	5.9
MU-2	061098	2330	31.42	7.17	30.3	U0.01	78.8	5.8
MU-2	061098	2345	31.38	7.16	30.0	U0.01	78.5	5.8
MU-2	061198	0000	31.34	7.15	29.8	U0.01	76.7	5.7
MU-2	061198	0015	31.30	7.14	29.4	U0.01	75.8	5.6
MU-2	061198	0030	31.26	7.13	29.2	U0.01	74.4	5.5
MU-2	061198	0045	31.24	7.12	29.1	U0.01	73.2	5.4
MU-2	061198	0100	31.20	7.11	28.9	U0.01	71.6	5.3

Hydrolab DS3 Continuous Deployment at Station MU-2
June 10-11, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-2	061198	0115	31.18	7.09	28.9	U0.01	69.4	5.1
MU-2	061198	0130	31.14	7.10	28.9	U0.01	72.0	5.3
MU-2	061198	0145	31.12	7.09	28.9	U0.01	71.0	5.3
MU-2	061198	0200	31.12	7.09	29.1	U0.01	71.0	5.3
MU-2	061198	0215	31.09	7.10	29.1	U0.01	71.5	5.3
MU-2	061198	0230	31.07	7.10	29.3	U0.01	72.5	5.4
MU-2	061198	0245	31.01	7.10	30.1	U0.01	72.2	5.4
MU-2	061198	0300	31.01	7.10	30.3	U0.01	73.1	5.4
MU-2	061198	0315	31.03	7.10	30.4	U0.01	72.6	5.4
MU-2	061198	0330	30.99	7.10	30.8	U0.01	72.4	5.4
MU-2	061198	0345	30.99	7.10	31.4	U0.01	72.3	5.4
MU-2	061198	0400	30.99	7.11	32.1	U0.01	71.9	5.4
MU-2	061198	0415	31.01	7.12	33.0	U0.01	73.1	5.4
MU-2	061198	0430	30.99	7.13	34.2	U0.01	73.8	5.5
MU-2	061198	0445	30.99	7.13	36.8	U0.01	74.7	5.6
MU-2	061198	0500	30.97	7.13	38.8	U0.01	74.0	5.5
MU-2	061198	0515	30.95	7.14	41.2	U0.01	75.3	5.6
MU-2	061198	0530	30.95	7.14	44.4	U0.01	74.4	5.5
MU-2	061198	0545	30.91	7.13	47.9	U0.01	73.0	5.4
MU-2	061198	0600	30.85	7.12	56.1	U0.01	71.9	5.4
MU-2	061198	0615	30.83	7.12	62.9	U0.01	70.5	5.3
MU-2	061198	0630	30.81	7.11	66.8	U0.01	69.1	5.2
MU-2	061198	0645	30.81	7.10	68.9	U0.01	64.6	4.8
MU-2	061198	0700	30.81	7.08	71.1	U0.01	59.1	4.4
MU-2	061198	0715	30.81	7.04	71.8	U0.01	48.0	3.6
MU-2	061198	0730	30.81	7.04	72.2	U0.01	48.4	3.6
MU-2	061198	0745	30.81	7.04	72.0	U0.01	47.1	3.5
MU-2	061198	0800	30.81	7.03	71.3	U0.01	48.7	3.6
MU-2	061198	0815	30.81	7.04	69.9	U0.01	51.1	3.8
MU-2	061198	0830	30.81	7.05	68.2	U0.01	52.2	3.9
MU-2	061198	0845	30.83	7.08	65.3	U0.01	58.0	4.3
MU-2	061198	0900	30.87	7.08	60.9	U0.01	56.9	4.2
MU-2	061198	0915	30.99	7.13	50.7	U0.01	66.0	4.9
MU-2	061198	0930	31.32	7.18	43.4	U0.01	74.7	5.5

Hydrolab DS3 Continuous Deployment at Station ML-3
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Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
ML-3	061098	0800	29.67	7.26	14557	8.40	73.7	5.3
ML-3	061098	0815	29.69	7.26	14628	8.50	70.2	5.1
ML-3	061098	0830	29.72	7.26	14681	8.50	68.7	4.9
ML-3	061098	0845	29.76	7.26	14646	8.50	68.6	4.9
ML-3	061098	0900	29.78	7.27	14423	8.40	70.0	5.0
ML-3	061098	0915	29.80	7.27	14318	8.30	66.8	4.8
ML-3	061098	0930	29.78	7.27	14813	8.60	70.6	5.1
ML-3	061098	0945	29.79	7.26	15025	8.70	69.0	5.0
ML-3	061098	1000	29.79	7.24	15220	8.80	66.2	4.8
ML-3	061098	1015	29.85	7.30	15162	8.80	73.6	5.3
ML-3	061098	1030	29.74	7.27	15739	9.20	70.4	5.1
ML-3	061098	1045	29.77	7.28	15673	9.10	71.2	5.1
ML-3	061098	1100	29.77	7.31	15673	9.10	74.1	5.3
ML-3	061098	1115	29.86	7.34	15622	9.10	77.4	5.5
ML-3	061098	1130	29.99	7.37	15633	9.10	79.8	5.7
ML-3	061098	1145	30.11	7.38	15972	9.30	79.8	5.7
ML-3	061098	1200	30.05	7.36	16161	9.40	77.5	5.5
ML-3	061098	1215	30.30	7.41	16319	9.50	83.2	5.9
ML-3	061098	1230	30.41	7.44	16533	9.70	86.5	6.1
ML-3	061098	1245	30.62	7.46	16947	9.90	89.1	6.3
ML-3	061098	1300	30.72	7.47	17353	10.2	88.8	6.2
ML-3	061098	1315	30.76	7.47	17621	10.4	88.1	6.2
ML-3	061098	1330	30.81	7.48	18025	10.6	89.4	6.2
ML-3	061098	1345	30.84	7.49	18418	10.9	89.4	6.2
ML-3	061098	1400	30.94	7.50	18629	11.0	90.8	6.3
ML-3	061098	1415	31.13	7.53	18985	11.2	92.3	6.4
ML-3	061098	1430	31.25	7.55	19266	11.4	94.3	6.5
ML-3	061098	1445	31.35	7.57	19545	11.6	96.1	6.6
ML-3	061098	1500	31.42	7.59	19686	11.7	96.5	6.6
ML-3	061098	1515	31.52	7.60	19900	11.8	97.0	6.6
ML-3	061098	1530	31.58	7.61	20042	11.9	98.9	6.8
ML-3	061098	1545	31.62	7.61	20115	12.0	93.9	6.4
ML-3	061098	1600	31.60	7.60	20111	12.0	90.4	6.2
ML-3	061098	1615	31.56	7.55	20039	11.9	90.6	6.2

Hydrolab DS3 Continuous Deployment at Station ML-3
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Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
ML-3	061098	1630	31.66	7.62	19726	11.7	100.4	6.9
ML-3	061098	1645	31.83	7.62	18960	11.2	102.1	7.0
ML-3	061098	1700	31.91	7.61	18246	10.8	103.0	7.0
ML-3	061098	1715	31.89	7.60	17846	10.5	102.3	7.0
ML-3	061098	1730	31.93	7.61	17323	10.2	103.2	7.1
ML-3	061098	1745	31.87	7.58	17182	10.1	101.6	7.0
ML-3	061098	1800	31.95	7.59	16665	9.80	101.8	7.0
ML-3	061098	1815	31.85	7.55	16452	9.60	99.2	6.8
ML-3	061098	1830	31.85	7.51	16188	9.50	97.4	6.7
ML-3	061098	1845	31.81	7.51	15852	9.20	96.2	6.7
ML-3	061098	1900	31.81	7.50	15654	9.10	96.2	6.7
ML-3	061098	1915	31.77	7.49	15385	9.00	95.7	6.6
ML-3	061098	1930	31.77	7.49	15121	8.80	95.4	6.6
ML-3	061098	1945	31.70	7.48	14822	8.60	94.5	6.6
ML-3	061098	2000	31.63	7.47	14577	8.40	93.7	6.5
ML-3	061098	2015	31.65	7.47	14253	8.20	93.3	6.5
ML-3	061098	2030	31.65	7.46	14015	8.10	92.3	6.4
ML-3	061098	2045	31.68	7.46	13720	7.90	91.6	6.4
ML-3	061098	2100	31.70	7.45	13475	7.80	91.0	6.4
ML-3	061098	2115	31.71	7.44	13225	7.60	89.7	6.3
ML-3	061098	2130	31.72	7.43	13002	7.50	88.9	6.2
ML-3	061098	2145	31.70	7.41	12802	7.40	87.5	6.1
ML-3	061098	2200	31.70	7.39	12653	7.30	86.4	6.1
ML-3	061098	2215	31.66	7.38	12479	7.20	85.3	6.0
ML-3	061098	2230	31.64	7.36	12308	7.10	83.9	5.9
ML-3	061098	2245	31.59	7.34	12138	6.90	82.9	5.8
ML-3	061098	2300	31.57	7.32	11988	6.90	81.1	5.7
ML-3	061098	2315	31.51	7.31	11843	6.80	80.3	5.7
ML-3	061098	2330	31.47	7.30	11721	6.70	78.9	5.6
ML-3	061098	2345	31.43	7.28	11589	6.60	77.7	5.5
ML-3	061198	0000	31.37	7.27	11494	6.60	75.7	5.4
ML-3	061198	0015	31.30	7.25	11390	6.50	74.6	5.3
ML-3	061198	0030	31.32	7.26	11569	6.60	71.6	5.1
ML-3	061198	0045	31.37	7.25	11613	6.60	70.6	5.0

Hydrolab DS3 Continuous Deployment at Station ML-3

June 10-11, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
ML-3	061198	0100	31.37	7.24	11573	6.60	72.7	5.1
ML-3	061198	0115	31.31	7.28	12286	7.00	75.3	5.3
ML-3	061198	0130	31.29	7.31	12767	7.30	77.4	5.5
ML-3	061198	0145	31.28	7.32	12878	7.40	77.4	5.5
ML-3	061198	0200	31.35	7.32	12677	7.30	79.2	5.6
ML-3	061198	0215	31.37	7.33	12955	7.40	79.1	5.6
ML-3	061198	0230	31.24	7.37	12765	7.30	80.4	5.7
ML-3	061198	0245	31.22	7.38	12921	7.40	81.0	5.7
ML-3	061198	0300	31.18	7.39	13075	7.50	81.1	5.7
ML-3	061198	0315	31.14	7.39	13267	7.60	80.2	5.7
ML-3	061198	0330	30.96	7.39	13495	7.80	79.6	5.6
ML-3	061198	0345	30.79	7.37	14303	8.30	77.6	5.5
ML-3	061198	0400	30.71	7.36	14521	8.40	76.9	5.5
ML-3	061198	0415	30.61	7.34	14716	8.50	74.8	5.3
ML-3	061198	0430	30.48	7.33	15034	8.70	74.8	5.3
ML-3	061198	0445	30.43	7.34	15555	9.10	74.5	5.3
ML-3	061198	0500	30.38	7.33	16002	9.30	73.6	5.2
ML-3	061198	0515	30.31	7.34	16455	9.60	73.7	5.2
ML-3	061198	0530	30.26	7.33	16576	9.70	72.5	5.1
ML-3	061198	0545	30.20	7.33	16829	9.90	72.0	5.1
ML-3	061198	0600	30.13	7.33	17083	10.0	71.0	5.0
ML-3	061198	0615	30.09	7.33	17212	10.1	71.0	5.0
ML-3	061198	0630	30.07	7.33	17336	10.2	70.6	5.0
ML-3	061198	0645	30.05	7.33	17334	10.2	68.8	4.9
ML-3	061198	0700	30.04	7.33	17076	10.0	58.1	4.1
ML-3	061198	0715	30.09	7.30	17208	10.1	63.1	4.5
ML-3	061198	0730	30.07	7.29	17339	10.2	53.4	3.8
ML-3	061198	0745	30.09	7.29	17339	10.2	51.3	3.6
ML-3	061198	0800	30.09	7.28	17277	10.1	49.9	3.5
ML-3	061198	0815	30.11	7.29	17146	10.1	55.2	3.9
ML-3	061198	0830	30.11	7.28	17214	10.1	48.9	3.5
ML-3	061198	0845	30.11	7.24	17276	10.1	45.6	3.2

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
10-1	071498	0449	0.2	34.4	52.31	29.74	8.05	5.73	92.0
10-1	071498	0449	1.0	34.5	52.42	29.19	7.96	5.44	87.7
10-1	071498	0450	1.7	34.7	52.68	28.64	7.88	5.43	86.1
10-1	071498	1319	0.2	34.8	52.75	29.27	7.89	5.96	96.0
10-1	071498	1320	1.0	34.7	52.78	29.26	7.89	6.01	97.2
10-1	071498	1321	1.8	34.7	52.72	29.27	7.89	6.09	98.0
10-2	071498	0437	0.2	34.3	52.20	29.81	7.96	5.53	89.6
10-2	071498	0437	1.0	34.3	52.17	29.80	7.96	5.51	89.3
10-2	071498	0438	2.5	34.4	52.36	29.64	7.93	5.38	86.9
10-2	071498	1303	0.2	34.4	52.28	30.14	7.95	6.27	102.7
10-2	071498	1304	1.0	34.4	52.23	30.22	7.95	6.38	104.5
10-2	071498	1305	1.9	34.4	52.27	29.95	7.95	6.59	107.1
10-3	071498	0421	0.2	34.8	52.77	28.57	7.86	5.60	88.7
10-3	071498	0422	1.0	34.8	52.79	28.53	7.87	5.65	89.9
10-3	071498	0423	4.6	34.8	52.80	28.55	7.88	5.71	90.4
10-3	071498	1343	0.2	34.8	52.80	29.14	7.89	5.88	95.1
10-3	071498	1344	1.0	34.8	52.79	29.12	7.89	5.96	95.7
10-3	071498	1345	3.8	34.8	52.77	29.12	7.89	5.98	97.0
10-4	071498	0620	0.2	34.4	52.32	29.56	7.89	5.35	86.0
10-4	071498	0621	0.6	34.4	52.32	29.56	7.89	5.35	85.2
10-4	071498	0622	1.0	34.4	52.30	29.56	7.89	5.52	89.1
10-4	071498	1036	0.2	34.3	52.17	29.96	7.89	5.76	92.9
10-4	071498	1037	1.0	34.3	52.12	29.98	7.89	5.88	94.9
10-4	071498	1038	2.3	34.3	52.12	29.98	7.89	5.67	92.2
10-5	071498	0545	0.2	33.5	51.18	29.93	7.87	5.56	89.6
10-5	071498	0546	1.0	34.1	51.89	29.98	7.81	4.36	70.6
10-5	071498	0547	2.8	34.2	52.02	29.67	7.83	4.55	74.2
10-5	071498	1056	0.2	33.9	51.55	30.22	7.86	5.43	88.4
10-5	071498	1057	1.0	34.0	51.68	30.14	7.86	5.45	88.9
10-5	071498	1057	2.2	34.2	51.97	29.90	7.85	5.24	82.7

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
11-1	071498	0500	0.2	34.1	51.84	30.51	7.94	5.51	90.2
11-1	071498	0500	1.0	34.1	51.80	30.52	7.94	5.54	90.7
11-1	071498	0501	3.5	34.2	51.91	30.63	7.95	5.24	86.0
11-1	071498	1228	0.2	34.2	52.03	31.06	8.00	6.22	102.8
11-1	071498	1229	1.0	34.2	52.02	31.06	8.00	6.29	104.0
11-1	071498	1230	3.0	34.2	51.99	31.04	8.00	6.21	102.7
11-2	071498	0509	0.2	34.0	51.75	30.41	7.92	5.39	89.1
11-2	071498	0510	1.0	34.0	51.79	30.30	7.91	5.39	87.6
11-2	071498	0510	2.9	34.1	51.92	30.21	7.89	5.15	84.0
11-2	071498	1208	0.2	34.1	51.81	30.74	7.95	6.25	104.1
11-2	071498	1209	1.0	34.1	51.79	30.75	7.95	6.39	104.9
11-2	071498	1210	2.7	34.1	51.83	30.64	7.93	6.17	99.6
11-3	071498	0519	0.2	34.1	51.84	30.29	7.91	5.42	87.0
11-3	071498	0520	1.0	34.1	51.79	30.27	7.92	5.45	88.9
11-3	071498	0521	3.1	34.0	51.77	30.28	7.92	5.50	88.5
11-3	071498	1150	0.2	34.1	51.87	30.42	7.91	5.90	96.5
11-3	071498	1150	1.0	34.1	51.90	30.42	7.92	6.04	98.9
11-3	071498	1151	3.1	34.1	51.83	30.41	7.91	6.18	101.4
11-4	071498	0535	0.2	34.2	52.07	29.88	7.88	5.36	86.2
11-4	071498	0536	1.0	34.4	52.28	29.47	7.88	5.30	85.5
11-4	071498	0536	1.8	34.5	52.37	29.36	7.88	5.30	85.4
11-4	071498	1132	0.2	33.9	51.61	30.39	7.88	5.82	95.2
11-4	071498	1133	1.0	33.9	51.66	30.37	7.89	5.87	95.8
11-4	071498	1133	1.8	33.9	51.64	30.37	7.89	5.92	96.6
11-5	071498	0556	0.2	34.1	51.84	30.20	7.87	5.33	86.8
11-5	071498	0556	1.0	34.2	51.99	29.99	7.88	5.38	87.5
11-5	071498	0557	2.3	34.2	52.10	29.75	7.87	5.19	83.9
11-5	071498	1113	0.2	32.8	50.09	30.75	7.83	5.53	90.7
11-5	071498	1114	1.0	32.7	49.95	30.75	7.83	5.65	92.6
11-5	071498	1115	2.0	33.1	50.45	30.71	7.84	5.72	93.6

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
13-1	071598	0419	0.2	27.0	42.15	29.57	7.74	5.17	80.0
13-1	071598	0420	0.8	27.0	42.16	29.58	7.74	5.16	79.7
13-1	071598	0420	1.3	31.5	48.85	30.00	7.74	4.34	68.1
13-1	071598	1321	0.2	29.0	44.84	29.77	7.72	4.93	77.0
13-1	071598	1322	1.0	29.0	44.89	29.80	7.72	4.88	76.3
13-1	071598	1323	2.4	32.4	49.54	30.17	7.68	3.04	48.7
13-2	071598	0431	0.2	28.7	44.43	29.89	7.72	4.66	73.5
13-2	071598	0432	0.6	29.8	46.49	30.37	7.68	4.04	64.5
13-2	071598	0432	0.9	30.2	46.59	30.50	7.68	3.54	56.4
13-2	071598	1304	0.2	23.8	37.55	29.75	7.68	4.87	73.7
13-2	071598	1305	0.5	24.5	38.66	29.91	7.70	4.60	70.5
13-2	071598	1305	0.8	31.5	48.31	30.48	7.75	4.23	68.1
13-3	071598	0441	0.2	28.5	44.12	29.94	7.70	4.66	72.5
13-3	071598	0441	1.0	28.5	44.15	29.95	7.71	4.60	72.0
13-3	071598	0442	3.2	28.5	44.14	29.95	7.72	4.64	72.8
13-3	071598	1243	0.2	25.1	36.54	29.65	7.66	4.48	68.3
13-3	071598	1244	1.0	29.4	45.44	30.16	7.66	4.25	67.3
13-3	071598	1244	1.7	29.7	45.83	30.04	7.67	4.43	70.3
13-4	071598	0459	0.2	29.0	44.84	30.22	7.67	4.06	63.6
13-4	071598	0500	1.0	29.0	44.84	30.23	7.66	4.00	63.4
13-4	071598	0501	3.6	29.0	44.82	30.15	7.66	3.95	62.7
13-4	071598	1211	0.2	29.8	45.99	29.79	7.71	4.93	77.8
13-4	071598	1212	1.0	30.1	46.06	29.84	7.71	4.87	76.1
13-4	071598	1215	4.0	30.6	47.11	29.96	7.70	4.72	74.9
13-5	071598	0508	0.2	28.9	44.71	30.10	7.66	4.25	66.8
13-5	071598	0509	0.5	28.9	44.68	30.11	7.65	4.21	66.5
13-5	071598	0510	0.8	28.8	44.68	30.11	7.65	4.20	66.2
13-5	071598	1154	0.2	29.2	45.24	29.79	7.66	4.46	70.5
13-5	071598	1155	1.0	29.7	45.82	29.87	7.70	4.71	74.3
13-5	071598	1156	1.7	30.1	46.50	29.95	7.70	4.71	74.6

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
14-1	071598	0517	0.2	30.2	46.53	30.10	7.69	4.55	72.3
14-1	071598	0518	1.0	30.4	46.88	30.18	7.69	4.62	72.4
14-1	071598	0519	1.9	30.6	47.00	30.21	7.70	4.60	73.4
14-1	071598	1137	0.2	30.3	46.70	29.47	7.76	5.65	88.8
14-1	071598	1138	0.7	30.3	46.69	29.48	7.75	5.66	89.0
14-1	071598	1138	1.2	30.4	46.88	29.54	7.74	5.57	87.9
14-2	071598	0527	0.2	32.3	49.39	29.76	7.73	4.67	74.7
14-2	071598	0528	1.0	32.3	49.41	29.76	7.72	4.67	74.7
14-2	071598	0528	1.7	32.4	49.58	29.76	7.74	4.72	74.5
14-2	071598	1120	0.2	32.0	49.00	29.69	7.76	5.19	82.9
14-2	071598	1121	0.9	31.9	48.93	29.67	7.76	5.25	83.7
14-2	071598	1121	1.5	32.3	49.37	29.92	7.73	4.82	77.3
14-3	071598	0537	0.2	31.8	48.80	29.40	7.76	4.43	70.7
14-3	071598	0538	0.8	32.1	49.14	29.52	7.76	4.18	66.5
14-3	071598	0538	1.3	32.5	49.66	29.58	7.68	3.29	52.7
14-3	071598	1105	0.2	29.7	46.01	28.81	7.80	5.38	83.5
14-3	071598	1106	0.8	32.2	49.21	29.73	7.82	4.97	79.4
14-3	071598	1107	1.3	32.3	49.34	29.90	7.81	4.70	75.2
14-4	071598	0548	0.2	32.9	50.20	29.64	7.92	4.76	76.1
14-4	071598	0549	0.9	32.9	50.19	29.64	7.92	4.79	76.7
14-4	071598	0549	1.5	32.9	50.20	29.65	7.92	4.76	76.3
14-4	071598	1047	0.2	32.5	49.66	29.23	7.93	5.40	85.6
14-4	071598	1048	0.7	32.7	49.91	29.48	7.93	5.37	85.8
14-4	071598	1049	1.2	32.8	50.09	29.57	7.94	5.31	85.0
14-5	071598	0600	0.2	32.7	49.95	29.75	7.78	3.57	57.1
14-5	071598	0600	1.0	32.9	50.26	29.75	7.80	3.44	55.2
14-5	071598	0601	2.1	33.2	50.13	29.58	7.81	3.65	58.7
14-5	071598	1024	0.2	32.8	50.08	29.22	7.76	4.05	64.4
14-5	071598	1025	1.0	32.8	50.15	29.27	7.77	3.98	63.2
14-5	071598	1026	2.1	33.0	50.41	29.45	7.77	3.67	58.7

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
16-1	071498	0442	0.2	33.5	51.10	30.69	7.86	5.55	90.6
16-1	071498	0442	1.0	33.5	51.07	30.71	7.87	5.63	91.8
16-1	071498	0443	2.0	33.5	51.06	30.73	7.88	5.64	92.4
16-1	071498	1339	0.2	33.7	51.28	30.54	7.90	5.68	92.8
16-1	071498	1340	1.0	33.7	51.28	30.54	7.89	5.72	93.1
16-1	071498	1341	1.8	33.7	51.29	30.53	7.89	5.66	92.4
16-2	071498	0452	0.2	33.7	51.34	30.37	7.89	5.55	90.1
16-2	071498	0453	0.8	33.7	51.35	30.42	7.88	5.50	89.9
16-2	071498	0454	1.4	33.7	51.41	30.43	7.88	5.53	90.0
16-2	071498	1318	0.2	33.9	51.62	30.44	7.89	5.73	93.6
16-2	071498	1319	0.6	33.9	51.66	30.44	7.89	5.72	93.5
16-2	071498	1321	1.0	33.9	51.65	30.44	7.89	5.76	93.9
16-3	071498	0503	0.2	33.9	51.57	30.16	7.89	5.68	91.6
16-3	071498	0504	1.0	34.4	52.30	29.63	7.83	5.42	87.2
16-3	071498	0504	1.9	34.5	52.37	29.60	7.83	5.46	88.2
16-3	071498	1301	0.2	34.2	51.95	30.16	7.90	5.26	86.5
16-3	071498	1302	1.0	34.2	51.96	30.15	7.90	5.58	89.9
16-3	071498	1304	1.9	34.2	52.00	30.09	7.90	5.42	88.9
16-4	071498	0512	0.2	34.0	51.72	29.50	7.73	3.07	49.5
16-4	071498	0512	0.5	34.3	52.16	29.59	7.79	4.09	65.6
16-4	071498	0513	0.8	34.4	52.25	29.53	7.78	4.01	65.6
16-4	071498	1249	0.2	34.3	52.19	29.92	7.91	6.19	100.6
16-4	071498	1250	0.5	34.4	52.24	29.91	7.88	5.86	95.1
16-4	071498	1251	0.7	34.3	52.17	29.96	7.92	6.35	103.1
16-5	071498	0522	0.2	34.6	52.61	29.20	7.84	5.15	82.6
16-5	071498	0522	1.0	34.6	52.63	29.22	7.84	5.15	82.6
16-5	071498	0523	3.3	34.7	52.64	29.18	7.85	5.21	84.6
16-5	071498	1232	0.2	34.6	52.56	29.34	7.86	5.67	91.4
16-5	071498	1234	1.0	34.6	52.55	29.34	7.86	5.83	92.7
16-5	071498	1235	3.3	34.6	52.57	29.33	7.86	5.77	92.5

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	071498	0555	0.2	25.1	39.49	30.57	7.81	4.91	76.4
LB-1	071498	0556	0.6	25.1	39.43	30.74	7.81	4.94	77.1
LB-1	071498	0556	1.0	25.1	39.41	30.88	7.80	5.01	77.3
LB-1	071498	1142	0.2	23.2	36.69	29.70	7.77	4.93	74.7
LB-1	071498	1144	0.4	24.3	38.37	30.05	7.77	4.68	71.2
LB-1	071498	1145	0.6	24.5	38.57	30.06	7.79	4.69	72.2
LB-2	071498	0604	0.2	24.4	38.39	29.69	7.83	4.58	69.7
LB-2	071498	0604	0.7	26.4	41.44	30.70	7.86	4.63	72.6
LB-2	071498	0605	1.1	26.9	41.92	30.89	7.87	4.62	73.0
LB-2	071498	1125	0.2	25.7	40.28	29.68	7.87	4.91	75.2
LB-2	071498	1127	0.4	25.8	40.44	29.73	7.87	4.78	73.6
LB-2	071498	1128	0.5	25.9	40.53	29.83	7.86	4.63	72.2
LB-3	071498	0611	0.2	27.6	42.83	30.21	7.90	4.44	70.4
LB-3	071498	0612	1.0	28.1	43.67	30.42	7.89	4.24	66.9
LB-3	071498	0613	3.2	30.7	47.27	30.55	7.80	1.80	28.4
LB-3	071498	1111	0.2	26.6	41.54	29.37	7.94	5.33	81.7
LB-3	071498	1112	0.8	26.8	41.81	29.48	7.93	5.20	79.8
LB-3	071498	1114	1.3	29.0	44.90	30.18	7.89	3.32	52.4
LB-4	071498	0624	0.2	28.7	44.42	29.14	7.97	4.82	75.0
LB-4	071498	0625	0.8	29.2	45.23	29.54	7.99	4.89	76.5
LB-4	071498	0625	1.4	29.5	45.62	30.07	7.90	3.50	53.8
LB-4	071498	1051	0.2	28.0	43.45	29.36	7.93	4.27	65.7
LB-4	071498	1053	0.8	28.0	43.63	29.38	7.93	4.25	64.5
LB-4	071498	1055	1.3	29.6	45.65	29.99	7.84	1.98	31.3
LB-5	071498	0635	0.2	31.1	47.73	29.65	8.02	4.34	68.8
LB-5	071498	0635	0.7	31.1	47.72	29.71	8.02	4.20	67.1
LB-5	071498	0636	1.1	31.1	47.72	29.70	8.02	4.24	67.3
LB-5	071498	1028	0.2	30.6	47.13	29.05	7.91	3.00	47.0
LB-5	071498	1029	0.5	30.7	47.23	29.07	7.92	2.96	45.9
LB-5	071498	1030	0.8	30.8	47.43	29.30	7.92	2.40	38.4

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
ML-1	071598	0556	0.2	9.78	16.72	28.99	7.11	4.70	65.0
ML-1	071598	0557	1.0	9.86	16.84	29.09	7.09	4.26	59.5
ML-1	071598	0557	2.2	9.89	16.89	29.12	7.08	4.01	55.1
ML-1	071598	1304	0.2	9.49	16.19	28.56	7.22	5.29	72.3
ML-1	071598	1304	1.0	9.68	16.53	28.60	7.22	5.18	71.0
ML-1	071598	1305	2.2	9.70	16.57	28.61	7.22	5.14	70.7
ML-2	071598	0541	0.2	10.3	17.57	29.11	7.18	4.11	56.9
ML-2	071598	0542	0.9	10.4	17.66	29.14	7.17	4.07	56.5
ML-2	071598	0542	1.5	10.4	17.74	29.18	7.17	4.06	56.5
ML-2	071598	1338	0.2	9.86	16.80	28.79	7.22	4.97	68.0
ML-2	071598	1338	0.9	9.87	16.84	28.81	7.21	4.75	65.6
ML-2	071598	1339	1.6	9.90	16.90	28.81	7.21	4.81	65.4
ML-3	071598	0530	0.2	10.5	17.76	29.04	7.19	4.36	60.4
ML-3	071598	0530	0.5	10.6	18.05	29.06	7.18	4.17	57.8
ML-3	071598	0531	0.7	10.7	18.07	29.06	7.18	4.11	57.1
ML-3	071598	1402	0.2	9.94	16.96	28.78	7.27	5.19	71.4
ML-3	071598	1403	0.5	9.94	16.97	28.78	7.26	5.08	69.7
ML-3	071598	1403	0.8	9.94	16.97	28.78	7.26	5.05	69.6
ML-4	071598	0519	0.2	9.50	16.25	28.85	7.18	4.73	63.4
ML-4	071598	0519	0.8	9.49	16.25	28.86	7.19	4.33	59.4
ML-4	071598	0520	1.3	9.49	16.26	28.88	7.20	4.27	58.8
ML-4	071598	1420	0.2	6.01	10.56	28.47	7.29	5.10	68.2
ML-4	071598	1421	0.5	7.01	12.19	28.40	7.25	5.13	69.1
ML-4	071598	1421	0.7	8.98	15.49	28.32	7.28	5.42	73.0
ML-5	071598	0434	0.2	11.5	19.32	28.40	7.00	4.73	65.9
ML-5	071598	0435	0.4	11.1	19.08	28.37	7.16	4.56	62.7
ML-5	071598	0435	0.6	11.4	19.31	28.44	7.21	4.46	61.0
ML-5	071598	1438	0.2	9.66	16.55	28.56	7.31	5.48	75.0
ML-5	071598	1438	0.4	9.70	16.59	28.57	7.31	5.25	71.8
ML-5	071598	1439	0.5	9.70	16.58	28.57	7.31	5.23	71.8

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
MU-1	071598	0702	0.2	0.78	1.554	29.74	7.30	4.85	64.3
MU-1	071598	0703	1.0	0.77	1.538	29.74	7.26	4.75	62.9
MU-1	071598	0703	2.1	0.76	1.522	29.75	7.23	4.71	62.2
MU-1	071598	1034	0.2	1.52	2.954	29.71	6.78	5.78	76.8
MU-1	071598	1035	1.0	1.56	2.979	29.72	7.11	5.37	71.4
MU-1	071598	1036	2.7	1.57	3.028	29.71	7.18	5.38	71.6
MU-2	071598	0646	0.2	2.12	4.016	29.89	7.31	5.32	71.0
MU-2	071598	0646	0.9	2.10	3.984	29.90	7.28	5.23	70.0
MU-2	071598	0647	1.5	2.09	3.975	29.90	7.26	5.24	70.3
MU-2	071598	1059	0.2	5.11	9.146	29.23	7.13	5.14	69.1
MU-2	071598	1100	1.0	5.20	9.318	29.27	7.12	5.06	68.5
MU-2	071598	1100	1.8	5.27	9.429	29.32	7.12	5.03	68.0
MU-3	071598	0629	0.2	5.25	9.392	29.60	7.12	4.83	65.1
MU-3	071598	0630	0.4	5.24	9.386	29.61	7.10	4.73	64.1
MU-3	071598	0630	0.5	5.25	9.402	29.62	7.09	4.66	63.4
MU-3	071598	1138	0.2	7.44	13.04	28.85	7.08	5.00	67.8
MU-3	071598	1138	0.4	7.61	13.26	28.90	7.07	4.94	67.1
MU-3	071598	1139	0.6	7.61	13.25	28.90	7.07	4.89	66.7
MU-4	071598	0615	0.2	7.67	13.36	29.26	7.06	5.06	68.5
MU-4	071598	0616	1.0	7.68	13.37	29.26	7.03	4.82	65.7
MU-4	071598	0616	2.1	7.67	13.35	29.24	7.02	4.38	59.5
MU-4	071598	1204	0.2	9.05	15.58	28.62	7.18	5.61	76.7
MU-4	071598	1204	1.0	9.20	15.84	28.67	7.16	5.35	73.1
MU-4	071598	1205	2.1	9.30	15.95	28.70	7.16	4.97	68.2
MU-5	071598	0605	0.2	8.86	15.25	29.19	7.06	4.46	61.4
MU-5	071598	0606	1.0	8.91	15.35	29.20	7.05	4.39	60.5
MU-5	071598	0606	2.1	8.96	15.41	29.23	7.05	4.38	60.5
MU-5	071598	1231	0.2	9.68	16.56	28.69	7.17	4.83	66.2
MU-5	071598	1232	0.8	9.69	16.54	28.70	7.17	4.81	65.4
MU-5	071598	1232	1.3	9.70	16.59	28.71	7.16	4.77	64.7

Sarasota Bay / Myakka River Status and Trends Monitoring

Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	071498	0449	27.34417	-82.58306	27.34417	-82.58297	1.9			
10-1	071498	1319	27.34417	-82.58306	27.34413	-82.58273	2.0	>B	981045	0.29
10-2	071498	0437	27.34944	-82.56972	27.34943	-82.56978	2.7			
10-2	071498	1303	27.34944	-82.56972	27.34915	-82.57013	2.1	1.0	981047	0.60
10-3	071498	0421	27.33333	-82.58139	27.33450	-82.58062	4.8			
10-3	071498	1343	27.33333	-82.58139	27.33455	-82.58097	4.0	2.5	981046	0.16
10-4	071498	0620	27.32056	-82.56611	27.32033	-82.56625	1.2			
10-4	071498	1036	27.32056	-82.56611	27.32052	-82.56600	2.5	>B	981038	0.43
10-5	071498	0545	27.30556	-82.54917	27.30570	-82.54907	3.0			
10-5	071498	1056	27.30556	-82.54917	27.30595	-82.54865	2.4	1.3	981040	0.65
11-1	071498	0500	27.36583	-82.56278	27.36567	-82.56277	3.7			
11-1	071498	1228	27.36583	-82.56278	27.36618	-82.56277	3.2	1.0	981039	0.84
11-2	071498	0509	27.35333	-82.55556	27.35315	-82.55570	3.1			
11-2	071498	1208	27.35333	-82.55556	27.35340	-82.55578	2.9	1.3	981044	0.55
11-3	071498	0519	27.33722	-82.55639	27.33725	-82.55663	3.3			
11-3	071498	1150	27.33722	-82.55639	27.33723	-82.55637	3.3	1.0	981043	0.88
11-4	071498	0535	27.32222	-82.54528	27.32203	-82.54575	2.0			
11-4	071498	1132	27.32222	-82.54528	27.32200	-82.54560	2.0	1.0	981041	0.76
11-5	071498	0556	27.31028	-82.54111	27.31015	-82.54118	2.5			
11-5	071498	1113	27.31028	-82.54111	27.31048	-82.54117	2.2	1.3	981048	0.70
13-1	071598	0419	27.29139	-82.54417	27.29152	-82.54445	1.5			
13-1	071598	1321	27.29139	-82.54417	27.29163	-82.54418	2.6	1.3	981059	0.98
13-2	071598	0431	27.27944	-82.54583	27.27948	-82.54567	1.1			
13-2	071598	1304	27.27944	-82.54583	27.27948	-82.54535	1.0	>B	981058	1.20
13-3	071598	0441	27.27056	-82.54278	27.27043	-82.54237	3.4			
13-3	071598	1243	27.27056	-82.54278	27.27045	-82.54252	1.9	0.9	981054	1.40
13-4	071598	0459	27.25472	-82.53222	27.25485	-82.53162	3.8			
13-4	071598	1211	27.25472	-82.53222	27.25480	-82.53170	4.2	1.1	981050	1.09
13-5	071598	0508	27.25250	-82.52944	27.25253	-82.52927	1.0			
13-5	071598	1154	27.25250	-82.52944	27.25228	-82.52977	1.9	1.1	981057	1.13
14-1	071598	0517	27.24111	-82.51861	27.24082	-82.51867	2.1			
14-1	071598	1137	27.24111	-82.51861	27.24177	-82.51828	1.4	>B	981051	1.01
14-2	071598	0527	27.22556	-82.51250	27.22590	-82.51218	1.9			
14-2	071598	1120	27.22556	-82.51250	27.22567	-82.51233	1.7	1.2	981060	0.96
14-3	071598	0537	27.22111	-82.50556	27.22190	-82.50562	1.5			
14-3	071598	1105	27.22111	-82.50556	27.22077	-82.50578	1.5	1.2	981055	0.97
14-4	071598	0548	27.20056	-82.50250	27.20068	-82.50225	1.7			
14-4	071598	1047	27.20056	-82.50250	27.20053	-82.50253	1.4	1.1	981053	1.11
14-5	071598	0600	27.18111	-82.49306	27.18170	-82.49302	2.3			
14-5	071598	1024	27.18111	-82.49306	27.18102	-82.49158	2.3	1.1	981056	1.03
16-1	071498	0442	27.17444	-82.49111	27.17433	-82.49137	2.2			
16-1	071498	1339	27.17444	-82.49111	27.17462	-82.49158	2.0	1.2	981030	0.93

Sarasota Bay / Myakka River Status and Trends Monitoring

Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
16-2	071498	0452	27.16000	-82.48222	27.15983	-82.48208	1.6			
16-2	071498	1318	27.16000	-82.48222	27.16015	-82.48238	1.2	>B	981023	0.80
16-3	071498	0503	27.14889	-82.47389	27.14838	-82.47382	2.1			
16-3	071498	1301	27.14889	-82.47389	27.14900	-82.47415	2.1	1.3	981024	0.72
16-4	071498	0512	27.14000	-82.47000	27.14010	-82.47022	1.0			
16-4	071498	1249	27.14000	-82.47000	27.14028	-82.47005	0.9	>B	981026	0.75
16-5	071498	0522	27.12778	-82.46944	27.12785	-82.46940	3.5			
16-5	071498	1232	27.12778	-82.46944	27.12813	-82.46962	3.5	1.6	981022	0.54
LB-1	071498	0555	27.03444	-82.42667	27.03435	-82.42565	1.2			
LB-1	071498	1142	27.03444	-82.42667	27.03497	-82.42603	0.8	>B	981027	1.50
LB-2	071498	0604	27.01583	-82.41417	27.01613	-82.41367	1.3			
LB-2	071498	1125	27.01583	-82.41417	27.01587	-82.41353	0.7	>B	981028	1.44
LB-3	071498	0611	27.00056	-82.40306	27.00060	-82.40322	3.4			
LB-3	071498	1111	27.00056	-82.40306	27.00043	-82.40305	1.5	>B	981021	1.33
LB-4	071498	0624	26.97556	-82.38750	26.97598	-82.38738	1.6			
LB-4	071498	1051	26.97556	-82.38750	26.97563	-82.38757	1.5	0.9	981025	1.32
LB-5	071498	0635	26.95250	-82.37056	26.95257	-82.37052	1.3			
LB-5	071498	1028	26.95250	-82.37056	26.95230	-82.37052	1.0	>B	981020	1.21
ML-1	071598	0556	27.04417	-82.29278	27.04473	-82.29270	2.4			
ML-1	071598	1304	27.04417	-82.29278	27.04468	-82.29263	2.4	1.0	981031	0.39
ML-2	071598	0541	27.03444	-82.28000	27.03457	-82.27962	1.7			
ML-2	071598	1338	27.03444	-82.28000	27.03462	-82.27968	1.8	1.0	981018	0.38
ML-3	071598	0530	27.03500	-82.27417	27.03492	-82.27407	0.9			
ML-3	071598	1402	27.03500	-82.27417	27.03488	-82.27400	1.0	>B	981017	0.36
ML-4	071598	0519	27.02444	-82.27472	27.02430	-82.27470	1.5			
ML-4	071598	1420	27.02444	-82.27472	27.02462	-82.27455	0.9	>B	981036	0.55
ML-5	071598	0434	27.00389	-82.25528	27.00418	-82.25565	0.8			
ML-5	071598	1438	27.00389	-82.25528	27.00375	-82.25543	0.7	>B	981019	0.42
MU-1	071598	0702	27.09833	-82.33278	27.09893	-82.33295	2.3			
MU-1	071598	1034	27.09833	-82.33278	27.09913	-82.33310	2.9	1.0	981037	2.73
MU-2	071598	0646	27.08500	-82.32222	27.08480	-82.32238	1.7			
MU-2	071598	1059	27.08500	-82.32222	27.08553	-82.32222	2.0	0.8	981034	1.87
MU-3	071598	0629	27.07028	-82.31389	27.07050	-82.31378	0.7			
MU-3	071598	1138	27.07028	-82.31389	27.07038	-82.31388	0.8	>B	981016	1.49
MU-4	071598	0615	27.05611	-82.30389	27.05648	-82.30358	2.3			
MU-4	071598	1204	27.05611	-82.30389	27.05623	-82.30355	2.3	0.8	981033	1.56
MU-5	071598	0605	27.05278	-82.29333	27.05273	-82.29307	2.3			
MU-5	071598	1231	27.05278	-82.29333	27.05228	-82.29315	1.5	0.5	981032	0.85

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	1.0M	1319	981045	7/14/1998	0.009	0.006	U0.005	0.31	0.31	0.012	0.10	1.5	11	3.8	10	8.27	5.7	U0.5	34.8
10-2	1.0M	1302	981047	7/14/1998	U0.005	0.006	U0.005	0.29	0.29	0.011	0.09	1.5	12	5.8	10	8.22	5.2	1.0	34.4
10-3	1.0M	1342	981046	7/14/1998	0.014	0.006	U0.005	0.16	0.16	0.013	0.06	0.7	8	1.6	4	8.16	1.4	U0.5	34.8
10-4	1.0M	1010	981038	7/14/1998	0.021	0.010	U0.005	0.23	0.23	0.014	U0.05	0.7	10	4.6	7	8.12	5.8	1.0	34.3
10-4 REP	1.0M	1020	981042	7/14/1998	0.015	0.007	U0.005	0.22	0.22	0.013	0.07	1.1	13	4.3	10	8.16	4.9	1.0	NA
10-5	1.0M	1056	981040	7/14/1998	0.005	0.008	U0.005	0.21	0.21	0.025	0.07	1.1	13	4.3	9	8.13	6.6	U0.5	33.9
11-1	1.0M	1228	981039	7/14/1998	0.006	0.006	U0.005	0.37	0.37	0.010	0.09	2.5	18	6.3	15	8.22	10.2	3.5	34.2
11-2	1.0M	1208	981044	7/14/1998	0.012	0.006	U0.005	0.31	0.31	0.016	0.09	1.7	13	4.5	10	8.20	5.2	U0.5	34.1
11-3	1.0M	1150	981043	7/14/1998	U0.005	0.006	U0.005	0.25	0.25	0.018	0.09	1.4	16	6.3	10	8.18	7.2	0.8	34.1
11-4	MID	1131	981041	7/14/1998	0.013	0.007	U0.005	0.25	0.25	0.024	0.09	1.2	17	6.1	8	8.15	4.9	0.6	33.9
11-5	1.0M	1112	981048	7/14/1998	0.007	0.007	U0.005	0.33	0.33	0.045	0.13	1.1	13	4.4	12	8.10	7.0	1.8	32.8
13-1	1.0M	1319	981059	7/15/1998			0.024	0.36	0.38		0.14	1.3	6	3.7	21	7.96	10.0	2.5	29.0
13-1 REP	1.0M	1330	981052	7/15/1998			0.024	0.42	0.44		0.16	1.0	5	3.8	21	7.99	11.7	3.0	NA
13-2	MID	1300	981058	7/15/1998			0.024	0.45	0.47		0.17	1.8	8	5.2	25	7.97	11.4	4.0	23.8
13-3	MID	1241	981054	7/15/1998			0.104	0.65	0.75		0.28	1.2	9	6.8	50	7.86	13.3	7.9	25.1
13-4	1.0M	1209	981050	7/15/1998			0.008	0.42	0.43		0.17	1.3	8	4.9	22	7.99	14.7	3.4	29.8
13-5	MID	1154	981057	7/15/1998			0.019	0.40	0.42		0.17	1.1	8	4.4	21	7.93	10.3	3.3	29.2
14-1	MID	1135	981051	7/15/1998			U0.005	0.37	0.37		0.16	1.3	9	3.9	20	8.03	14.6	4.0	30.3
14-2	MID	1118	981060	7/15/1998			U0.005	0.41	0.41		0.17	1.2	7	5.1	19	8.03	10.2	2.2	32.0
14-3	MID	1104	981055	7/15/1998			U0.005	0.51	0.51		0.26	1.4	7	6.1	21	8.04	10.4	3.2	29.7
14-4	MID	1048	981053	7/15/1998			U0.005	0.56	0.56		0.16	1.6	7	3.9	23	8.17	12.2	2.5	32.5
14-5	1.0M	1024	981056	7/15/1998			U0.005	0.43	0.43		0.14	1.6	6	3.3	22	8.03	12.9	2.2	32.8

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	1.0M	1338	981030	7/14/1998			U0.005	0.38	0.38		0.13	1.7	10	3.8	21	8.17	7.4	1.8	33.7
16-1 REP	1.0M	1338	981029	7/14/1998			U0.005	0.38	0.38		0.13	1.6	13	4.0	19	8.16	9.5	2.8	NA
16-2	MID	1317	981023	7/14/1998			U0.005	0.31	0.31		0.11	1.5	11	4.6	22	8.15	10.5	2.4	33.9
16-3	1.0M	1259	981024	7/14/1998			U0.005	0.28	0.28		0.17	1.2	11	4.6	17	8.15	6.7	1.6	34.2
16-4	MID	1247	981026	7/14/1998			U0.005	0.29	0.29		0.09	0.9	12	6.2	10	8.12	7.8	1.3	34.3
16-5	1.0M	1231	981022	7/14/1998			U0.005	0.18	0.18		0.07	0.7	14	5.3	6	8.11	5.8	1.3	34.6
LB-1	MID	1441	981027	7/14/1998			0.018	0.84	0.86		0.34	2.3	12	4.7	50	8.02	16.2	6.1	23.2
LB-2	MID	1125	981028	7/14/1998			U0.005	0.60	0.60		0.30	2.8	16	7.1	40	8.09	20.9	7.6	25.7
LB-3	MID	1109	981021	7/14/1998			U0.005	0.56	0.56		0.20	2.3	12	4.2	36	8.17	20.1	3.6	26.6
LB-4	MID	1050	981025	7/14/1998			U0.005	0.60	0.60		0.19	2.8	9	3.8	28	8.13	20.4	4.5	28.0
LB-5	MID	1036	981020	7/14/1998			U0.005	0.42	0.42		0.07	2.6	11	5.3	30	8.09	29.1	2.8	30.6
ML-1	1.0M	1302	981031	7/15/1998	0.011	0.010	0.007	0.50	0.51	0.178	0.22	1.5	6	3.5	70	7.59	21.6	4.9	9.49
ML-2	MID	1336	981018	7/15/1998	0.023	0.016	0.014	0.59	0.60	0.180	0.22	1.4	8	4.8	70	7.60	19.6	6.1	9.86
ML-3	MID	1400	981017	7/15/1998	0.021	0.016	0.014	0.57	0.58	0.174	0.21	1.8	7	4.6	70	7.66	26.2	5.3	9.94
ML-4	MID	1419	981036	7/15/1998	0.090	0.060	0.054	0.61	0.66	0.179	0.22	1.3	8	6.3	80	7.67	15.4	3.0	6.01
ML-5	MID	1437	981019	7/15/1998	0.035	0.027	0.024	0.53	0.55	0.184	0.21	1.6	10	4.9	75	7.67	23.2	4.6	9.66
ML-5 REP	MID	1454	981035	7/15/1998	0.033	0.025	0.023	0.53	0.55	0.184	0.20	1.5	8	5.0	75	7.64	21.9	3.5	NA
MU-1	1.0M	1025	981037	7/15/1998	0.026	0.005	U0.005	0.73	0.73	0.263	0.29	1.2	7	3.2	90	7.54	23.2	9.6	1.52
MU-2	MID	1059	981034	7/15/1998	0.010	0.006	U0.005	0.67	0.67	0.214	0.24	1.5	6	3.3	90	7.50	18.0	8.6	5.11
MU-3	MID	1136	981016	7/15/1998	0.005	0.007	U0.005	0.55	0.55	0.183	0.21	1.1	5	3.7	80	7.44	18.8	7.2	7.44
MU-4	1.0M	1203	981033	7/15/1998	0.019	0.006	U0.005	0.57	0.57	0.182	0.21	1.4	5	3.2	75	7.54	22.4	6.6	9.05
MU-5	MID	1229	981032	7/15/1998	U0.005	0.008	0.005	0.50	0.51	0.181	0.21	1.3	5	3.6	70	7.56	19.4	6.8	9.68
EQP BLK		1515	981061	7/15/1998	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.1	U2	U0.2	U1	5.75	U0.5	U0.5	NA
EQP BLK		0735	981049	7/15/1998	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.1	U2	U0.2	U1	5.66	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rainfall		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)	
			Begin (EST)	End (EST)	No	Yes	Min	Max (%)					
071498	AM	10	0421	0620	0		50	- 80		030	<5 - 5	<0.5	
071498	PM	10	1036	1343	0		50	-100	29	240 - 260	5 - 10	<0.5 -	1.0
071498	AM	11	0500	0556	0		50	- 90		030	<5 - 5	<0.5	
071498	PM	11	1113	1228	0		75	-100		240 - 270	10	<0.5 -	1.0
071498	AM	16	0442	0522	0		50	- 90	26	-	<5	<0.5	
071498	PM	16	1232	1339	0		85	- 90		300	5 - 10	<0.5 -	0.5
071498	AM	LB	0555	0635	0		90			-	<5	<0.5	
071498	PM	LB	1028	1142		1	100		28	300 - 310	<5 - 10	<0.5 -	0.5
071598	AM	13	0419	0508	0		50		28	180	5 - 15	<0.5 -	0.5
071598	PM	13	1154	1321		1	100			160 - 190	10 - 15	<0.5 -	1.0
071598	AM	14	0517	0600	0		60	- 95		210 - 240	5 - 10	<0.5	
071598	PM	14	1024	1137		1	100			120 - 180	<5 - 10	<0.5 -	1.0
071598	AM	ML	0434	0556	0		50	-100	26	-	<5	<0.5	
071598	PM	ML	1304	1438		1	100			090 - 180	<5 - 5	<0.5	

Hydrolab DS3 Continuous Deployment at Station LB-5
July 14-15, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
LB-5	071498	0715	29.69	7.87	47160	30.7	80.9	5.1
LB-5	071498	0730	29.69	7.89	47227	30.8	80.0	5.1
LB-5	071498	0745	29.72	7.90	47240	30.8	79.5	5.0
LB-5	071498	0800	29.75	7.90	47303	30.8	76.8	4.9
LB-5	071498	0815	29.76	7.91	47385	30.9	77.5	4.9
LB-5	071498	0830	29.76	7.91	47451	31.0	75.4	4.8
LB-5	071498	0845	29.79	7.89	47449	31.0	66.9	4.2
LB-5	071498	0900	29.79	7.89	47515	31.0	66.6	4.2
LB-5	071498	0915	29.71	7.87	47432	30.9	61.4	3.9
LB-5	071498	0930	29.73	7.86	47429	30.9	57.1	3.6
LB-5	071498	0945	29.67	7.86	47476	31.0	57.2	3.6
LB-5	071498	1000	29.73	7.86	47429	30.9	57.6	3.6
LB-5	071498	1015	29.72	7.87	47438	30.9	58.9	3.7
LB-5	071498	1030	29.74	7.86	47445	30.9	56.4	3.6
LB-5	071498	1045	29.76	7.85	47451	31.0	53.3	3.4
LB-5	071498	1100	29.77	7.87	47442	30.9	61.1	3.9
LB-5	071498	1115	29.74	7.88	47445	30.9	62.0	3.9
LB-5	071498	1130	29.79	7.87	47449	31.0	59.5	3.7
LB-5	071498	1145	29.80	7.88	47465	31.0	60.4	3.8
LB-5	071498	1200	29.74	7.89	47379	30.9	68.1	4.3
LB-5	071498	1215	29.74	7.90	47379	30.9	72.2	4.6
LB-5	071498	1230	29.79	7.91	47316	30.9	71.3	4.5
LB-5	071498	1245	29.76	7.92	47385	30.9	78.4	5.0
LB-5	071498	1300	29.76	7.94	47319	30.9	83.5	5.3
LB-5	071498	1315	29.77	7.94	47310	30.8	87.8	5.5
LB-5	071498	1330	29.79	7.94	47250	30.8	92.0	5.8
LB-5	071498	1345	29.74	7.96	47246	30.8	94.5	6.0
LB-5	071498	1400	29.75	7.97	47237	30.8	99.1	6.3
LB-5	071498	1415	29.72	7.99	47306	30.8	103.0	6.5
LB-5	071498	1430	29.74	8.00	47312	30.9	101.9	6.4
LB-5	071498	1445	29.78	8.01	47458	31.0	106.4	6.7
LB-5	071498	1500	29.83	8.02	47462	31.0	108.9	6.9
LB-5	071498	1515	29.87	8.03	47475	31.0	112.0	7.1
LB-5	071498	1530	29.89	8.03	47482	31.0	107.8	6.8
LB-5	071498	1545	29.93	8.05	47495	31.0	115.1	7.2

Hydrolab DS3 Continuous Deployment at Station LB-5
July 14-15, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
LB-5	071498	1600	29.94	8.05	47578	31.0	118.2	7.4
LB-5	071498	1615	29.96	8.05	47584	31.1	114.8	7.2
LB-5	071498	1630	29.99	8.07	47582	31.0	118.3	7.4
LB-5	071498	1645	29.99	8.05	47582	31.0	115.1	7.2
LB-5	071498	1700	29.98	8.05	47591	31.1	112.5	7.1
LB-5	071498	1715	29.97	8.06	47575	31.0	115.1	7.2
LB-5	071498	1730	29.95	8.05	47568	31.0	110.5	6.9
LB-5	071498	1745	29.93	8.02	47495	31.0	104.6	6.6
LB-5	071498	1800	29.90	8.05	47498	31.0	109.2	6.9
LB-5	071498	1815	29.91	8.00	47489	31.0	94.5	5.9
LB-5	071498	1830	29.90	8.03	47498	31.0	102.3	6.4
LB-5	071498	1845	29.88	8.03	47425	30.9	107.3	6.8
LB-5	071498	1900	29.90	8.04	47498	31.0	105.8	6.7
LB-5	071498	1915	29.91	8.02	47555	31.0	102.2	6.4
LB-5	071498	1930	29.90	8.02	47564	31.0	98.8	6.2
LB-5	071498	1945	29.90	8.02	47564	31.0	96.2	6.1
LB-5	071498	2000	29.90	8.00	47564	31.0	90.5	5.7
LB-5	071498	2015	29.90	7.99	47631	31.1	87.2	5.5
LB-5	071498	2030	29.90	7.98	47631	31.1	81.0	5.1
LB-5	071498	2045	29.91	7.97	47621	31.1	78.9	5.0
LB-5	071498	2100	29.91	7.95	47621	31.1	69.9	4.4
LB-5	071498	2115	29.90	7.93	47631	31.1	62.8	4.0
LB-5	071498	2130	29.89	7.92	47615	31.1	60.2	3.8
LB-5	071498	2145	29.88	7.91	47624	31.1	55.4	3.5
LB-5	071498	2200	29.88	7.88	47624	31.1	45.5	2.9
LB-5	071498	2215	29.88	7.86	47624	31.1	42.2	2.7
LB-5	071498	2230	29.89	7.85	47615	31.1	39.1	2.5
LB-5	071498	2245	29.87	7.84	47608	31.1	39.6	2.5

Hydrolab DS3 Continuous Deployment at Station LB-5
July 14-15, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
LB-5	071498	2300	29.85	7.83	47601	31.1	37.4	2.4
LB-5	071498	2315	29.81	7.81	47588	31.1	32.1	2.0
LB-5	071498	2330	29.79	7.80	47581	31.0	31.8	2.0
LB-5	071498	2345	29.71	7.80	47630	31.1	32.2	2.0
LB-5	071598	0000	29.69	7.80	47558	31.0	31.0	2.0
LB-5	071598	0015	29.71	7.78	47498	31.0	26.3	1.7
LB-5	071598	0030	29.55	7.77	47579	31.0	24.8	1.6
LB-5	071598	0045	29.47	7.76	47487	31.0	27.6	1.8
LB-5	071598	0100	29.09	7.78	47236	30.8	37.5	2.4
LB-5	071598	0115	29.07	7.77	47165	30.7	38.8	2.5
LB-5	071598	0130	29.13	7.79	47183	30.8	38.4	2.5
LB-5	071598	0145	29.11	7.83	47242	30.8	46.2	3.0
LB-5	071598	0200	29.09	7.85	47303	30.8	50.4	3.2
LB-5	071598	0215	29.08	7.88	47353	30.9	55.1	3.5
LB-5	071598	0230	29.03	7.88	47416	30.9	57.7	3.7
LB-5	071598	0245	29.03	7.88	47416	30.9	56.2	3.6
LB-5	071598	0300	28.99	7.87	47470	31.0	55.2	3.5
LB-5	071598	0315	28.99	7.88	47470	31.0	54.2	3.5
LB-5	071598	0330	28.95	7.93	47590	31.1	66.0	4.2
LB-5	071598	0345	28.91	7.94	47644	31.1	66.7	4.3
LB-5	071598	0400	28.91	7.93	47578	31.0	64.8	4.1
LB-5	071598	0415	28.93	7.93	47518	31.0	63.9	4.1
LB-5	071598	0430	28.87	7.94	47632	31.1	63.4	4.1
LB-5	071598	0445	28.86	7.93	47616	31.1	62.6	4.0
LB-5	071598	0500	28.85	7.93	47560	31.0	64.2	4.1
LB-5	071598	0515	28.85	7.93	47560	31.0	65.8	4.2
LB-5	071598	0530	28.85	7.94	47560	31.0	66.4	4.3
LB-5	071598	0545	28.85	7.94	47560	31.0	65.0	4.2
LB-5	071598	0600	28.83	7.95	47554	31.0	67.6	4.3
LB-5	071598	0615	28.81	7.95	47614	31.1	67.9	4.4
LB-5	071598	0630	28.80	7.95	47542	31.0	67.1	4.3
LB-5	071598	0645	28.76	7.95	47596	31.1	66.5	4.3
LB-5	071598	0700	28.74	7.94	47590	31.1	62.9	4.0
LB-5	071598	0715	28.76	7.93	47596	31.1	60.7	3.9

Hydrolab DS3 Continuous Deployment at Station LB-4

July 14-15, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
LB-4	071498	0800	30.02	7.89	44912	29.1	54.3	3.4
LB-4	071498	0815	30.20	7.87	45037	29.2	37.1	2.3
LB-4	071498	0830	30.18	7.89	44963	29.1	38.9	2.5
LB-4	071498	0845	30.24	7.89	44917	29.1	37.7	2.4
LB-4	071498	0900	30.24	7.87	44917	29.1	34.0	2.2
LB-4	071498	0915	30.28	7.82	44997	29.2	28.0	1.8
LB-4	071498	0930	30.20	7.86	44838	29.1	27.6	1.8
LB-4	071498	0945	30.18	7.86	44765	29.0	28.7	1.8
LB-4	071498	1000	30.12	7.88	44745	29.0	32.0	2.0
LB-4	071498	1015	30.08	7.90	44799	29.0	33.9	2.2
LB-4	071498	1030	30.10	7.89	44805	29.0	32.2	2.0
LB-4	071498	1045	30.16	7.88	44824	29.0	29.8	1.9
LB-4	071498	1100	30.18	7.87	44963	29.1	26.2	1.7
LB-4	071498	1115	30.20	7.87	44904	29.1	25.2	1.6
LB-4	071498	1130	30.22	7.87	44910	29.1	25.2	1.6
LB-4	071498	1145	30.24	7.88	44917	29.1	25.4	1.6
LB-4	071498	1200	30.26	7.88	44924	29.1	27.3	1.7
LB-4	071498	1215	30.32	7.89	44944	29.1	28.2	1.8
LB-4	071498	1230	30.34	7.90	45016	29.2	31.4	2.0
LB-4	071498	1245	30.38	7.90	45030	29.2	31.7	2.0
LB-4	071498	1300	30.42	7.91	45110	29.2	33.3	2.1
LB-4	071498	1315	30.44	7.93	45183	29.3	38.1	2.4
LB-4	071498	1330	30.46	7.95	45190	29.3	39.1	2.5
LB-4	071498	1345	30.48	7.95	45196	29.3	40.1	2.5
LB-4	071498	1400	30.50	7.96	45270	29.4	44.2	2.8
LB-4	071498	1415	30.50	7.97	45270	29.4	48.6	3.1
LB-4	071498	1430	30.52	7.98	45276	29.4	52.0	3.3
LB-4	071498	1445	30.54	8.00	45350	29.4	57.9	3.6
LB-4	071498	1500	30.58	8.03	45297	29.4	60.1	3.8
LB-4	071498	1515	30.58	8.03	45297	29.4	63.9	4.0
LB-4	071498	1530	30.60	8.05	45371	29.4	70.3	4.4
LB-4	071498	1545	30.60	8.05	45371	29.4	66.2	4.2
LB-4	071498	1600	30.58	8.05	45364	29.4	69.7	4.4
LB-4	071498	1615	30.56	8.05	45357	29.4	67.2	4.2

Hydrolab DS3 Continuous Deployment at Station LB-4

July 14-15, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
LB-4	071498	1630	30.56	8.04	45357	29.4	63.7	4.0
LB-4	071498	1645	30.56	8.03	45357	29.4	60.6	3.8
LB-4	071498	1700	30.54	8.02	45350	29.4	54.0	3.4
LB-4	071498	1715	30.50	8.01	45336	29.4	52.9	3.3
LB-4	071498	1730	30.48	8.01	45130	29.3	56.8	3.6
LB-4	071498	1745	30.46	8.00	45057	29.2	51.6	3.2
LB-4	071498	1800	30.48	7.97	45064	29.2	47.3	3.0
LB-4	071498	1815	30.50	7.97	45004	29.2	43.6	2.7
LB-4	071498	1830	30.48	7.91	44997	29.2	38.9	2.5
LB-4	071498	1845	30.50	7.92	45004	29.2	34.0	2.1
LB-4	071498	1900	30.48	7.93	45064	29.2	33.4	2.1
LB-4	071498	1915	30.48	7.92	45064	29.2	31.6	2.0
LB-4	071498	1930	30.48	7.92	44997	29.2	30.2	1.9
LB-4	071498	1945	30.46	7.92	44990	29.2	27.7	1.7
LB-4	071498	2000	30.48	7.91	45064	29.2	25.4	1.6
LB-4	071498	2015	30.48	7.89	44997	29.2	21.0	1.3
LB-4	071498	2030	30.48	7.88	44997	29.2	14.3	0.9
LB-4	071498	2045	30.48	7.88	44997	29.2	12.7	0.8
LB-4	071498	2100	30.48	7.86	44997	29.2	8.2	0.5
LB-4	071498	2115	30.48	7.86	44997	29.2	11.4	0.7
LB-4	071498	2130	30.48	7.87	44997	29.2	8.8	0.6
LB-4	071498	2145	30.50	7.86	44938	29.1	9.0	0.6
LB-4	071498	2200	30.48	7.85	44997	29.2	8.5	0.5
LB-4	071498	2215	30.48	7.85	44931	29.1	10.4	0.7
LB-4	071498	2230	30.48	7.83	44931	29.1	7.5	0.5
LB-4	071498	2245	30.48	7.82	44931	29.1	8.1	0.5
LB-4	071498	2300	30.48	7.82	44931	29.1	7.6	0.5
LB-4	071498	2315	30.48	7.81	44931	29.1	4.5	0.3
LB-4	071498	2330	30.46	7.80	44924	29.1	7.8	0.5
LB-4	071498	2345	30.42	7.84	44844	29.1	12.2	0.8
LB-4	071598	0000	30.40	7.85	44771	29.0	14.5	0.9
LB-4	071598	0015	30.32	7.86	44678	28.9	20.8	1.3
LB-4	071598	0030	30.32	7.84	44612	28.9	18.8	1.2
LB-4	071598	0045	30.32	7.83	44678	28.9	14.4	0.9

Hydrolab DS3 Continuous Deployment at Station LB-4

July 14-15, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
LB-4	071598	0100	30.30	7.82	44671	28.9	12.3	0.8
LB-4	071598	0115	30.22	7.83	44645	28.9	12.7	0.8
LB-4	071598	0130	30.22	7.82	44645	28.9	9.9	0.6
LB-4	071598	0145	30.18	7.91	44433	28.8	25.2	1.6
LB-4	071598	0200	29.82	7.92	44385	28.7	35.8	2.3
LB-4	071598	0215	29.72	7.90	44222	28.6	35.0	2.2
LB-4	071598	0230	29.62	7.91	44192	28.6	34.8	2.2
LB-4	071598	0245	29.52	7.92	44228	28.6	38.0	2.4
LB-4	071598	0300	29.66	7.91	44138	28.5	37.0	2.4
LB-4	071598	0315	29.54	7.91	44234	28.6	38.7	2.5
LB-4	071598	0330	29.48	7.92	44216	28.6	40.1	2.6
LB-4	071598	0345	29.46	7.91	44210	28.6	37.1	2.4
LB-4	071598	0400	29.42	7.91	44264	28.6	34.4	2.2
LB-4	071598	0415	29.38	7.91	44252	28.6	35.2	2.3
LB-4	071598	0430	29.34	7.90	44240	28.6	32.4	2.1
LB-4	071598	0445	29.32	7.90	44301	28.7	33.5	2.2
LB-4	071598	0500	29.36	7.88	44312	28.7	28.7	1.8
LB-4	071598	0515	29.36	7.87	44312	28.7	24.7	1.6
LB-4	071598	0530	29.34	7.86	44373	28.7	19.3	1.2
LB-4	071598	0545	29.32	7.86	44366	28.7	22.9	1.5
LB-4	071598	0600	29.22	7.88	44535	28.8	24.1	1.6
LB-4	071598	0615	29.16	7.88	44451	28.8	26.1	1.7
LB-4	071598	0630	29.10	7.89	44500	28.8	27.5	1.8
LB-4	071598	0645	29.08	7.89	44495	28.8	30.8	2.0
LB-4	071598	0700	29.10	7.88	44566	28.9	25.5	1.7
LB-4	071598	0715	29.06	7.88	44555	28.8	20.7	1.3
LB-4	071598	0730	29.04	7.89	44483	28.8	29.2	1.9
LB-4	071598	0745	29.06	7.89	44423	28.7	29.5	1.9

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
10-1	082598	0517	0.2	34.0	51.67	29.72	8.13	5.73	92.5
10-1	082598	0517	1.0	33.9	51.66	29.73	8.13	5.80	93.7
10-1	082598	0518	3.6	33.9	51.64	29.72	8.13	5.86	94.6
10-1	082598	1134	0.2	34.0	51.76	30.15	8.09	6.33	103.0
10-1	082598	1134	1.0	34.0	51.74	30.15	8.09	6.49	105.8
10-1	082598	1135	3.5	34.0	51.80	29.75	8.05	6.23	100.8
10-2	082598	0443	0.2	33.7	51.29	29.49	7.95	5.41	86.8
10-2	082598	0444	0.9	33.7	51.39	29.51	7.95	5.36	86.0
10-2	082598	0444	1.5	33.8	51.39	29.51	7.96	5.40	86.1
10-2	082598	1334	0.2	33.7	51.38	30.45	7.99	6.07	98.1
10-2	082598	1334	1.0	33.7	51.36	30.43	7.99	6.09	99.7
10-2	082598	1335	1.7	33.7	51.35	30.44	7.99	6.27	101.7
10-3	082598	0619	0.2	34.3	52.11	29.55	8.01	5.32	85.8
10-3	082598	0620	1.0	34.2	52.06	29.54	8.01	5.32	85.3
10-3	082598	0621	2.9	34.2	52.04	29.55	8.02	5.26	83.5
10-3	082598	1030	0.2	34.3	52.22	30.18	8.04	6.25	102.3
10-3	082598	1032	1.0	34.4	52.24	30.18	8.05	6.33	103.2
10-3	082598	1034	2.5	34.3	52.18	30.18	8.04	6.10	99.1
10-4	082598	0648	0.2	33.8	51.42	29.56	7.98	5.00	80.0
10-4	082598	0648	1.0	33.8	51.40	29.55	7.98	4.97	79.6
10-4	082598	0649	1.8	33.8	51.44	29.51	7.98	4.89	78.6
10-4	082598	1400	0.2	33.6	51.20	30.63	8.04	6.90	112.7
10-4	082598	1401	0.8	33.6	51.19	30.59	8.03	6.86	112.5
10-4	082598	1402	1.4	33.6	51.16	30.60	8.03	7.10	114.5
10-5	082598	0601	0.2	33.3	50.78	29.60	7.96	5.05	80.7
10-5	082598	0602	1.0	33.3	50.76	29.62	7.96	5.08	81.3
10-5	082598	0604	4.7	33.3	50.84	29.58	7.97	5.05	81.1
10-5	082598	1313	0.2	34.0	51.75	30.30	8.00	6.18	100.9
10-5	082598	1314	1.0	34.0	51.72	30.29	8.00	6.20	101.0
10-5	082598	1315	4.6	34.0	51.71	30.25	8.01	6.39	103.8

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
11-1	082598	0506	0.2	33.5	51.12	29.35	8.01	5.18	83.3
11-1	082598	0506	1.0	33.5	51.10	29.38	8.02	5.10	81.8
11-1	082598	0507	3.4	33.5	51.08	29.39	8.03	5.17	82.8
11-1	082598	1115	0.2	33.5	51.05	30.02	7.98	5.61	90.8
11-1	082598	1116	1.0	33.5	51.03	29.92	7.99	5.67	91.8
11-1	082598	1117	3.4	33.6	51.14	29.38	8.03	5.49	87.8
11-2	082598	0457	0.2	33.6	51.26	29.32	8.01	5.25	83.9
11-2	082598	0457	1.0	33.6	51.26	29.36	8.01	5.18	82.9
11-2	082598	0458	3.5	33.6	51.22	29.36	8.01	5.19	82.7
11-2	082598	1059	0.2	33.4	50.92	29.76	7.99	5.73	91.7
11-2	082598	1100	1.0	33.4	50.95	29.72	7.99	5.78	93.1
11-2	082598	1101	3.4	33.6	51.24	29.47	8.01	5.62	90.1
11-3	082598	0531	0.2	33.3	50.87	29.49	7.95	4.85	77.5
11-3	082598	0531	1.0	33.3	50.84	29.53	7.95	4.83	77.4
11-3	082598	0532	2.3	33.3	50.82	29.52	7.95	4.79	76.3
11-3	082598	1159	0.2	33.4	50.91	29.74	7.94	5.25	84.5
11-3	082598	1200	1.0	33.4	50.90	29.72	7.94	5.26	84.8
11-3	082598	1201	4.7	33.4	50.67	29.58	7.88	4.75	75.9
11-4	082598	0544	0.2	33.3	50.76	29.67	7.94	4.71	75.4
11-4	082598	0544	1.0	33.3	50.74	29.70	7.94	4.71	76.1
11-4	082598	0545	1.8	33.2	50.69	29.70	7.94	4.76	76.1
11-4	082598	1218	0.2	33.5	51.12	30.00	7.98	5.92	95.8
11-4	082598	1219	1.0	33.5	51.09	29.99	7.98	5.88	95.2
11-4	082598	1220	2.0	33.5	51.07	30.00	7.98	5.96	96.1
11-5	082598	0553	0.2	31.3	48.03	29.74	7.93	4.80	76.6
11-5	082598	0553	1.0	31.3	47.99	29.78	7.93	4.80	76.3
11-5	082598	0554	2.7	33.4	50.93	29.90	7.95	4.86	78.2
11-5	082598	1240	0.2	33.4	50.85	30.14	7.97	5.72	92.3
11-5	082598	1241	1.0	33.3	50.83	30.18	7.97	5.84	94.7
11-5	082598	1242	2.8	33.3	50.84	30.11	7.98	5.84	94.6

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
13-1	082698	0438	0.2	29.3	45.29	30.07	7.81	4.88	77.1
13-1	082698	0438	0.7	31.6	48.45	30.20	7.85	4.80	76.7
13-1	082698	0439	1.2	32.9	50.32	30.41	7.78	3.10	50.0
13-1	082698	1346	0.2	30.4	46.76	33.11	8.23	9.58	160.4
13-1	082698	1347	0.5	30.5	46.80	32.93	8.14	8.24	137.0
13-1	082698	1348	0.8	30.6	46.99	32.85	8.19	9.23	154.7
13-2	082698	0456	0.2	30.5	47.00	30.38	7.97	4.71	75.2
13-2	082698	0457	0.9	30.7	47.20	30.41	7.97	4.74	75.6
13-2	082698	0457	1.6	32.1	49.19	30.29	7.96	4.05	64.8
13-2	082698	1325	0.2	30.2	46.54	32.48	8.05	6.97	115.1
13-2	082698	1326	1.0	30.7	47.34	31.89	8.04	6.52	106.1
13-2	082698	1327	1.7	32.0	49.00	31.17	8.08	7.22	118.1
13-3	082698	0516	0.2	26.5	41.14	29.94	7.87	4.12	63.9
13-3	082698	0517	1.0	27.9	43.40	30.16	7.94	4.59	72.0
13-3	082698	0518	4.3	31.6	48.42	30.57	8.01	4.94	79.7
13-3	082698	1301	0.2	22.3	35.38	32.30	7.89	6.32	99.4
13-3	082698	1302	1.0	28.2	43.77	31.63	8.02	6.68	107.7
13-3	082698	1303	2.1	28.9	44.77	31.22	7.98	5.83	91.9
13-4	082698	0542	0.2	27.5	42.76	29.81	7.85	3.69	57.3
13-4	082698	0543	0.6	27.5	42.81	29.83	7.85	3.68	57.0
13-4	082698	0544	0.9	27.5	42.82	29.84	7.85	3.66	57.1
13-4	082698	1221	0.4	28.0	43.48	31.41	7.92	5.05	80.8
13-5	082698	0551	0.2	27.5	42.86	30.35	7.91	4.21	66.2
13-5	082698	0552	1.0	27.5	42.86	30.35	7.91	4.23	65.8
13-5	082698	0553	1.7	27.7	43.07	30.28	7.92	4.30	67.1
13-5	082698	1158	0.2	27.7	43.08	31.68	8.01	5.94	95.1
13-5	082698	1159	0.9	27.7	43.07	31.64	8.00	5.91	95.1
13-5	082698	1200	1.6	27.7	43.06	31.32	8.01	6.02	97.7

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
14-1	082698	0600	0.2	27.4	42.68	29.93	7.92	4.46	68.9
14-1	082698	0601	0.9	27.7	43.15	30.12	7.93	4.49	70.5
14-1	082698	0601	1.5	27.8	43.26	30.11	7.94	4.52	70.3
14-1	082698	1142	0.2	27.8	43.15	31.79	7.99	5.77	92.5
14-1	082698	1143	0.8	27.7	43.11	31.56	7.98	5.79	93.0
14-1	082698	1144	1.4	27.8	43.24	30.75	8.00	5.79	93.3
14-2	082698	0612	0.2	28.0	43.51	29.83	8.02	4.95	76.9
14-2	082698	0613	1.0	28.0	43.56	29.79	8.03	5.03	78.4
14-2	082698	0613	1.8	28.5	44.27	30.64	8.00	3.21	51.9
14-2	082698	1119	0.2	27.9	43.37	31.14	8.05	6.11	97.5
14-2	082698	1119	0.9	28.0	43.46	30.62	8.05	6.01	95.6
14-2	082698	1120	1.6	28.2	43.81	30.25	8.07	6.23	98.0
14-3	082698	0626	0.2	28.3	43.86	29.30	8.01	3.77	58.3
14-3	082698	0626	0.5	28.3	43.92	29.37	7.99	3.54	54.4
14-3	082698	0627	0.8	28.3	43.99	29.39	7.99	3.39	54.2
14-3	082698	1058	0.2	28.4	44.04	30.91	8.13	6.18	98.5
14-3	082698	1059	0.4	28.4	44.05	30.79	8.13	6.15	97.2
14-3	082698	1100	0.6	28.6	44.39	30.43	8.11	5.88	93.2
14-4	082698	0637	0.2	29.9	46.11	30.31	8.08	4.58	73.1
14-4	082698	0637	1.0	29.9	46.18	30.36	8.10	4.74	76.6
14-4	082698	0638	1.8	30.8	47.31	30.25	8.07	4.19	67.0
14-4	082698	1040	0.2	29.3	45.34	30.94	8.13	5.85	93.7
14-4	082698	1041	1.0	29.5	45.59	30.80	8.13	5.87	94.1
14-4	082698	1042	1.7	30.7	47.27	30.69	8.12	5.61	90.6
14-5	082698	0648	0.2	29.6	45.74	29.31	8.10	4.82	75.1
14-5	082698	0649	0.6	29.7	45.84	29.33	8.11	4.80	75.1
14-5	082698	0649	0.9	30.1	46.45	29.44	8.00	2.75	44.9
14-5	082698	1025	0.2	29.1	45.00	30.70	8.09	5.99	94.1
14-5	082698	1026	0.6	29.7	45.86	30.20	8.06	5.41	85.8
14-5	082698	1026	0.9	30.0	46.22	30.24	8.08	5.73	91.2

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
16-1	082598	0500	0.2	30.7	47.21	29.88	7.89	4.91	77.8
16-1	082598	0501	1.0	30.9	47.53	29.91	7.90	4.91	78.0
16-1	082598	0502	4.1	31.0	47.67	29.91	7.95	5.01	79.6
16-1	082598	1358	0.2	31.4	48.22	30.85	7.98	6.44	105.2
16-1	082598	1359	0.9	31.4	48.22	30.87	7.98	6.43	104.5
16-1	082598	1400	1.6	31.4	48.23	30.87	7.98	6.54	106.0
16-2	082598	0514	0.2	28.2	43.41	29.77	7.92	5.09	77.9
16-2	082598	0515	0.8	30.8	47.43	29.59	7.93	4.67	73.8
16-2	082598	0515	1.3	31.0	47.69	29.60	7.93	4.68	74.1
16-2	082598	1340	0.2	30.8	47.31	31.28	8.06	8.24	134.1
16-2	082598	1341	0.7	31.7	48.17	31.03	8.01	7.12	116.9
16-2	082598	1342	1.1	31.9	48.92	30.85	7.99	6.92	112.6
16-3	082598	0525	0.2	32.1	49.12	30.02	7.95	5.32	84.9
16-3	082598	0526	0.9	32.1	49.17	30.05	7.96	5.36	86.3
16-3	082598	0526	1.5	32.6	49.86	30.22	7.93	5.15	83.5
16-3	082598	1322	0.2	32.3	49.40	31.21	8.03	7.51	123.0
16-3	082598	1322	0.9	32.3	49.45	31.12	8.02	7.56	123.7
16-3	082598	1323	1.5	32.3	49.41	31.15	8.03	7.69	125.9
16-4	082598	0537	0.2	32.7	49.92	29.66	7.87	4.32	69.5
16-4	082598	0538	0.4	32.7	49.94	29.66	7.87	4.23	67.1
16-4	082598	0538	0.6	32.7	49.95	29.67	7.87	4.18	66.1
16-4	082598	1302	0.2	32.4	49.45	31.85	8.26	11.93	197.8
16-4	082598	1303	0.6	32.3	49.43	31.86	8.27	12.06	199.7
16-4	082598	1304	0.9	32.3	49.43	31.86	8.26	11.88	196.4
16-5	082598	0552	0.2	33.1	50.53	29.79	7.91	5.13	82.5
16-5	082598	0553	1.0	33.1	50.52	29.69	7.89	4.91	78.9
16-5	082598	0554	2.1	33.1	50.53	29.50	7.86	4.02	66.6
16-5	082598	1237	0.2	34.1	51.93	30.47	7.92	6.18	101.3
16-5	082598	1238	0.9	34.3	52.05	30.45	7.92	6.23	102.7
16-5	082598	1239	1.5	34.3	52.14	30.45	7.93	6.31	103.4

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	082598	0629	0.2	15.6	25.62	28.38	7.56	3.87	54.7
LB-1	082598	0629	1.0	20.6	32.97	30.54	7.66	4.04	61.1
LB-1	082598	0630	3.4	25.7	40.34	30.17	7.88	1.78	27.5
LB-1	082598	1144	0.2	17.7	29.12	30.84	7.76	5.99	88.0
LB-1	082598	1145	1.0	20.6	33.08	30.63	7.71	4.41	67.0
LB-1	082598	1146	2.2	23.3	36.83	30.43	7.76	2.42	37.1
LB-2	082598	0638	0.2	18.6	30.13	29.08	7.76	4.55	65.8
LB-2	082598	0638	0.5	18.8	30.68	29.68	7.75	4.26	61.7
LB-2	082598	0639	0.8	19.2	31.01	29.23	7.75	3.97	59.1
LB-2	082598	1122	0.2	17.9	28.93	30.28	7.78	5.92	87.5
LB-2	082598	1123	1.0	20.7	33.17	30.14	7.84	4.81	71.2
LB-2	082598	1125	1.8	26.3	41.13	30.13	7.94	2.05	32.7
LB-3	082598	0648	0.2	22.0	35.03	29.28	7.96	4.80	71.0
LB-3	082598	0649	0.7	22.5	35.84	29.49	7.98	4.60	69.3
LB-3	082598	0650	1.1	25.4	39.96	30.44	7.97	2.71	41.2
LB-3	082598	1102	0.2	22.4	35.53	30.49	8.04	6.57	100.9
LB-3	082598	1103	0.6	22.4	35.58	30.32	8.05	6.69	101.4
LB-3	082598	1104	1.0	23.0	36.35	30.34	8.01	4.70	74.0
LB-4	082598	0700	0.2	23.7	37.52	28.89	8.13	5.50	82.1
LB-4	082598	0701	0.5	23.7	37.52	28.90	8.13	5.15	77.3
LB-4	082598	0702	0.7	23.8	37.52	28.90	8.13	5.17	77.5
LB-4	082598	1040	0.2	23.0	36.45	29.85	8.18	7.54	114.1
LB-4	082598	1042	0.4	23.1	36.55	29.80	8.21	7.91	120.0
LB-4	082598	1042	0.6	23.3	36.82	29.71	8.25	8.65	130.9
LB-5	082598	0709	0.2	24.2	38.17	28.96	8.17	6.43	97.0
LB-5	082598	0710	0.9	24.2	38.13	28.95	8.17	6.48	97.1
LB-5	082598	0711	1.6	27.4	42.57	30.26	7.98	1.05	15.2
LB-5	082598	1021	0.2	23.8	37.65	29.80	8.15	6.24	95.6
LB-5	082598	1022	0.9	24.0	37.86	29.66	8.15	6.23	95.7
LB-5	082598	1023	1.6	26.3	41.11	29.87	8.07	3.26	54.6

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
ML-1	082698	0610	0.2	0.39	0.81	30.00	6.94	4.01	53.2
ML-1	082698	0611	0.8	0.39	0.80	29.99	6.93	3.90	51.8
ML-1	082698	0611	1.3	0.39	0.81	30.02	6.94	3.86	51.2
ML-1	082698	1222	0.3	0.17	0.35	31.18	6.75	3.81	51.5
ML-2	082698	0602	0.2	0.37	0.77	29.96	6.96	3.87	51.2
ML-2	082698	0603	0.9	0.38	0.78	29.98	6.95	3.83	51.0
ML-2	082698	0603	1.6	0.38	0.78	29.97	6.95	3.84	50.9
ML-2	082698	1238	0.2	0.21	0.44	31.47	6.74	3.81	51.8
ML-2	082698	1239	0.5	0.21	0.43	31.17	6.74	3.76	50.8
ML-2	082698	1239	0.8	0.21	0.43	31.18	6.75	3.77	51.0
ML-3	082698	0548	0.2	0.35	0.72	29.94	6.98	3.90	51.6
ML-3	082698	0549	0.7	0.35	0.72	29.95	6.97	3.90	51.7
ML-3	082698	0550	1.2	0.35	0.72	29.97	6.98	3.88	51.4
ML-3	082698	1257	0.2	0.73	1.46	31.85	6.85	3.96	54.3
ML-3	082698	1258	0.4	0.73	1.46	31.74	6.85	3.89	53.3
ML-3	082698	1259	0.6	0.72	1.45	31.70	6.86	3.86	52.9
ML-4	082698	0536	0.2	0.37	0.77	29.94	7.07	4.02	53.2
ML-4	082698	0537	1.0	0.37	0.76	29.98	7.06	3.98	52.8
ML-4	082698	0538	2.5	0.37	0.76	29.90	7.08	3.96	52.5
ML-4	082698	1322	0.2	0.43	0.88	32.07	6.88	4.16	57.0
ML-4	082698	1323	1.0	0.37	0.77	31.30	6.86	3.96	53.7
ML-4	082698	1324	2.5	0.46	0.93	31.09	6.89	3.68	49.9
ML-5	082698	0515	0.2	1.49	2.84	29.71	7.17	4.45	58.7
ML-5	082698	0516	0.7	1.54	2.98	29.78	7.19	4.43	58.8
ML-5	082698	0517	1.2	1.57	3.03	29.80	7.19	4.40	58.6
ML-5	082698	1358	0.2	0.35	0.72	32.30	6.94	4.22	58.3
ML-5	082698	1400	0.8	0.34	0.70	32.06	6.94	4.06	55.8
ML-5	082698	1401	1.3	0.32	0.65	31.24	6.93	3.73	50.6

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
MU-1	082698	0714	0.2	0.12	0.25	29.32	6.66	3.52	46.0
MU-1	082698	0715	1.0	0.12	0.25	29.33	6.65	3.44	44.9
MU-1	082698	0715	2.9	0.12	0.25	29.33	6.70	3.40	44.5
MU-1	082698	1022	0.2	0.13	0.27	29.56	6.65	3.57	46.8
MU-1	082698	1022	1.0	0.13	0.27	29.56	6.65	3.48	45.7
MU-1	082698	1023	2.5	0.13	0.26	29.55	6.69	3.46	45.5
MU-2	082698	0702	0.2	0.13	0.27	29.37	6.73	3.49	45.6
MU-2	082698	0702	1.0	0.13	0.27	29.40	6.74	3.43	44.9
MU-2	082698	0703	2.1	0.13	0.27	29.41	6.75	3.37	44.2
MU-2	082698	1044	0.2	0.12	0.25	30.05	6.67	3.58	47.5
MU-2	082698	1045	1.0	0.12	0.25	29.88	6.67	3.48	46.0
MU-2	082698	1046	2.7	0.12	0.25	29.77	6.71	3.45	45.5
MU-3	082698	0646	0.2	0.14	0.28	29.56	6.79	3.53	46.3
MU-3	082698	0646	1.0	0.14	0.28	29.57	6.78	3.42	44.8
MU-3	082698	0647	2.4	0.14	0.28	29.56	6.80	3.35	44.0
MU-3	082698	1108	0.2	0.13	0.27	30.08	6.70	3.43	45.0
MU-3	082698	1109	0.9	0.13	0.27	30.03	6.70	3.35	44.4
MU-3	082698	1110	1.5	0.13	0.27	29.98	6.73	3.30	43.6
MU-4	082698	0638	0.2	0.14	0.29	29.72	6.80	3.68	48.5
MU-4	082698	0639	0.5	0.14	0.30	29.69	6.80	3.60	47.5
MU-4	082698	0639	0.8	0.14	0.30	29.67	6.80	3.57	47.0
MU-4	082698	1125	0.2	0.13	0.27	30.29	6.71	3.45	45.8
MU-4	082698	1126	0.5	0.13	0.27	30.27	6.70	3.39	45.0
MU-4	082698	1126	0.8	0.13	0.27	30.27	6.71	3.37	44.9
MU-5	082698	0624	0.2	0.41	0.84	29.85	6.87	3.91	51.6
MU-5	082698	0624	0.8	0.41	0.84	29.86	6.86	3.82	50.5
MU-5	082698	0625	1.4	0.41	0.83	29.87	6.87	3.80	50.0
MU-5	082698	1147	0.2	0.16	0.33	30.98	6.77	3.71	49.9
MU-5	082698	1148	0.9	0.15	0.31	30.53	6.74	3.53	47.2
MU-5	082698	1149	1.6	0.14	0.30	30.47	6.76	3.46	46.2

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	082598	0517	27.35444	-82.58500	27.35407	-82.58490	3.8			
10-1	082598	1134	27.35444	-82.58500	27.35422	-82.58510	3.7	1.0	981298	0.35
10-2	082598	0443	27.33528	-82.56750	27.33507	-82.56800	1.7			
10-2	082598	1334	27.33528	-82.56750	27.33558	-82.56697	1.9	1.5	981297	0.50
10-3	082598	0619	27.33111	-82.58444	27.33070	-82.58560	3.1			
10-3	082598	1030	27.33111	-82.58444	27.33163	-82.58427	2.7	3.5	981301	0.36
10-4	082598	0648	27.32889	-82.57028	27.32897	-82.56907	2.0			
10-4	082598	1400	27.32889	-82.57028	27.32947	-82.56963	1.6	>B	981293	0.54
10-5	082598	0601	27.31250	-82.55389	27.31263	-82.55375	4.9			
10-5	082598	1313	27.31250	-82.55389	27.31255	-82.55275	4.8	2.3	981300	0.37
11-1	082598	0506	27.36222	-82.56333	27.36207	-82.56357	3.6			
11-1	082598	1115	27.36222	-82.56333	27.36257	-82.56297	3.6	1.3	981296	0.52
11-2	082598	0457	27.35333	-82.56250	27.35272	-82.56253	3.7			
11-2	082598	1059	27.35333	-82.56250	27.35363	-82.56237	3.6	1.3	981294	0.18
11-3	082598	0531	27.33972	-82.55306	27.33887	-82.55280	2.5			
11-3	082598	1159	27.33972	-82.55306	27.33990	-82.55335	4.9	1.1	981303	0.56
11-4	082598	0544	27.31917	-82.54778	27.31943	-82.54770	2.0			
11-4	082598	1218	27.31917	-82.54778	27.31877	-82.54723	2.2	1.6	981295	0.57
11-5	082598	0553	27.30889	-82.54333	27.30950	-82.54357	2.9			
11-5	082598	1240	27.30889	-82.54333	27.30903	-82.54395	3.0	1.4	981299	0.41
13-1	082698	0438	27.29611	-82.54278	27.29337	-82.54473	1.4			
13-1	082698	1346	27.29611	-82.54278	27.29612	-82.53647	1.0	>B	981282	1.30
13-2	082698	0456	27.28611	-82.55056	27.28625	-82.55098	1.8			
13-2	082698	1325	27.28611	-82.55056	27.28597	-82.55067	1.9	>B	981287	0.68
13-3	082698	0516	27.27389	-82.54500	27.27480	-82.54367	4.5			
13-3	082698	1301	27.27389	-82.54500	27.27438	-82.54477	2.3	1.0	981292	1.36
13-4	082698	0542	27.25250	-82.52944	27.25262	-82.52957	1.1			
13-4	082698	1221	27.25250	-82.52944	27.25258	-82.52917	0.7	>B	981286	1.32
13-5	082698	0551	27.24889	-82.52278	27.24883	-82.52262	1.9			
13-5	082698	1158	27.24889	-82.52278	27.24855	-82.52265	1.8	>B	981283	0.97
14-1	082698	0600	27.24278	-82.52222	27.24250	-82.52192	1.7			
14-1	082698	1142	27.24278	-82.52222	27.24292	-82.52182	1.6	1.2	981288	0.99
14-2	082698	0612	27.23167	-82.50806	27.23193	-82.50800	2.0			
14-2	082698	1119	27.23167	-82.50806	27.23167	-82.50767	1.8	>B	981285	0.50
14-3	082698	0626	27.20972	-82.50389	27.20957	-82.50378	1.0			
14-3	082698	1058	27.20972	-82.50389	27.20955	-82.50320	0.8	>B	981289	0.24
14-4	082698	0637	27.19611	-82.49639	27.19630	-82.49643	2.0			
14-4	082698	1040	27.19611	-82.49639	27.19595	-82.48772	1.9	>B	981290	0.95
14-5	082698	0648	27.19028	-82.49972	27.19008	-82.49982	1.1			
14-5	082698	1025	27.19028	-82.49972	27.19033	-82.49962	1.1	>B	981291	0.90
16-1	082598	0500	27.17806	-82.49333	27.17680	-82.49347	4.3			
16-1	082598	1358	27.17806	-82.49333	27.17783	-82.49343	1.8	>B	981270	0.79
16-2	082598	0514	27.16583	-82.48694	27.16567	-82.48665	1.5			

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
16-2	082598	1340	27.16583	-82.48694	27.16602	-82.48670	1.3	>B	981265	1.17
16-3	082598	0525	27.15472	-82.47889	27.15502	-82.47910	1.7			
16-3	082598	1322	27.15472	-82.47889	27.15475	-82.47858	1.7	1.4	981261	0.83
16-4	082598	0537	27.14194	-82.47417	27.14307	-82.47415	0.8			
16-4	082598	1302	27.14194	-82.47417	27.14352	-82.47495	1.1	>B	981267	0.66
16-5	082598	0552	27.13472	-82.46917	27.13440	-82.46908	2.3			
16-5	082598	1237	27.13472	-82.46917	27.13447	-82.46912	1.7	>B	981263	0.66
LB-1	082598	0629	27.03833	-82.42750	27.03800	-82.42777	3.6			
LB-1	082598	1144	27.03833	-82.42750	27.03792	-82.42688	2.4	0.8	981264	2.00
LB-2	082598	0638	27.01861	-82.41611	27.01880	-82.41575	1.0			
LB-2	082598	1122	27.01861	-82.41611	27.01830	-82.41525	2.0	0.8	981269	1.86
LB-3	082598	0648	26.99056	-82.39889	26.99112	-82.39817	1.3			
LB-3	082598	1102	26.99056	-82.39889	26.99052	-82.39835	1.2	>B	981260	1.57
LB-4	082598	0700	26.96917	-82.38167	26.96925	-82.38117	0.9			
LB-4	082598	1040	26.96917	-82.38167	26.96945	-82.38073	0.8	>B	981268	1.17
LB-5	082598	0709	26.96556	-82.37417	26.96578	-82.37395	1.8			
LB-5	082598	1021	26.96556	-82.37417	26.96555	-82.37402	1.8	0.7	981266	1.63
ML-1	082698	0610	27.04028	-82.28417	27.03997	-82.28413	1.5			
ML-1	082698	1222	27.04028	-82.28417	27.04040	-82.28377	0.6	>B	981280	6.24
ML-2	082698	0602	27.03639	-82.27972	27.03628	-82.28045	1.8			
ML-2	082698	1238	27.03639	-82.27972	27.03633	-82.28052	1.0	0.6	981274	5.60
ML-3	082698	0548	27.03444	-82.27417	27.03465	-82.27352	1.4			
ML-3	082698	1257	27.03444	-82.27417	27.03487	-82.27408	0.8	0.4	981278	4.77
ML-4	082698	0536	27.02222	-82.27500	27.02240	-82.27500	2.7			
ML-4	082698	1322	27.02222	-82.27500	27.02207	-82.27407	2.7	0.7	981281	4.93
ML-5	082698	0515	27.00056	-82.26111	27.00088	-82.26110	1.4			
ML-5	082698	1358	27.00056	-82.26111	27.00377	-82.25773	1.5	0.7	981272	4.94
MU-1	082698	0714	27.09389	-82.32778	27.09353	-82.32713	3.1			
MU-1	082698	1022	27.09389	-82.32778	27.09385	-82.32720	2.7	0.8	981271	4.62
MU-2	082698	0702	27.08444	-82.32000	27.08463	-82.31938	2.3			
MU-2	082698	1044	27.08444	-82.32000	27.08457	-82.31995	2.9	0.4	981273	4.90
MU-3	082698	0646	27.06778	-82.31333	27.06783	-82.31362	2.6			
MU-3	082698	1108	27.06778	-82.31333	27.06850	-82.31298	1.7	0.6	981277	4.95
MU-4	082698	0638	27.06250	-82.30944	27.06237	-82.30890	1.0			
MU-4	082698	1125	27.06250	-82.30944	27.06288	-82.30928	1.0	0.7	981276	4.80
MU-5	082698	0624	27.04861	-82.29361	27.04832	-82.29362	1.6			
MU-5	082698	1147	27.04861	-82.29361	27.04885	-82.29332	1.8	0.7	981275	5.46

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	1.0M	1124	981298	8/25/1998	U0.005	0.006	U0.005	0.32	0.32	0.012	0.13	2.4	9	5.1	16	8.36	7.9	1.8	34.0
10-2	MID	1330	981297	8/25/1998	U0.005	0.006	U0.005	0.18	0.18	0.016	0.10	1.6	9	3.4	6	8.27	4.3	1.0	33.7
10-3	1.0M	1017	981301	8/25/1998	U0.005	0.006	U0.005	0.16	0.16	0.015	0.10	1.2	3	1.4	4	8.31	1.7	0.9	34.3
10-3 REP	1.0M	1025	981302	8/25/1998	U0.005	U0.005	U0.005	0.12	0.12	0.013	0.09	1.3	2	1.2	4	8.34	2.6	U0.5	NA
10-4	MID	1350	981293	8/25/1998	U0.005	0.007	U0.005	0.25	0.25	0.017	0.09	1.4	5	3.8	7	8.28	4.9	1.5	33.6
10-5	1.0M	1310	981300	8/25/1998	U0.005	U0.005	U0.005	0.14	0.14	0.015	0.12	1.2	7	2.0	4	8.32	3.4	U0.5	34.0
11-1	1.0M	1107	981296	8/25/1998	U0.005	0.007	U0.005	0.42	0.42	0.019	0.12	2.1	10	4.5	10	8.28	6.3	1.7	33.5
11-2	1.0M	1053	981294	8/25/1998	U0.005	0.007	U0.005	0.29	0.29	0.019	0.12	1.6	6	3.5	13	8.26	5.6	U0.5	33.4
11-3	1.0M	1149	981303	8/25/1998	U0.005	U0.005	U0.005	0.26	0.26	0.021	0.13	1.6	8	4.7	7	8.23	6.9	0.6	33.4
11-4	1.0M	1212	981295	8/25/1998	U0.005	0.010	U0.005	0.20	0.20	0.017	0.10	1.5	10	3.7	5	8.25	4.2	1.0	33.5
11-5	1.0M	1232	981299	8/25/1998	U0.005	0.006	U0.005	0.18	0.18	0.020	0.12	1.5	5	3.0	7	8.25	4.8	0.9	33.4
13-1	MID	1347	981282	8/26/1998	U0.005	U0.005	U0.005	0.33	0.33	0.049	0.16	2.1	10	3.4	22	8.42	7.1	0.9	30.4
13-1 REP	MID	1354	981284	8/26/1998	U0.005	U0.005	U0.005	0.34	0.34	0.048	0.17	2.3	8	5.6	21	8.41	7.2	2.7	NA
13-2	MID	1324	981287	8/26/1998	U0.005	U0.005	U0.005	0.28	0.28	0.050	0.15	2.0	4	2.8	18	8.29	5.1	1.2	30.2
13-3	1.0M	1300	981292	8/26/1998	U0.005	0.010	0.010	0.46	0.47	0.088	0.21	2.3	7	4.7	35	8.14	10.8	2.6	22.3
13-4	MID	1220	981286	8/26/1998	U0.005	U0.005	U0.005	0.41	0.41	0.067	0.19	1.7	12	4.8	24	8.15	9.0	3.6	28.0
13-5	MID	1158	981283	8/26/1998	U0.005	U0.005	U0.005	0.36	0.36	0.067	0.17	1.9	6	3.5	23	8.19	6.7	0.8	27.7
14-1	MID	1142	981288	8/26/1998	U0.005	U0.005	U0.005	0.39	0.39	0.067	0.19	2.1	7	5.0	27	8.16	7.3	1.5	27.8
14-2	MID	1118	981285	8/26/1998	U0.005	U0.005	U0.005	0.34	0.34	0.063	0.17	1.7	7	2.5	23	8.24	4.4	1.4	27.9
14-3	MID	1058	981289	8/26/1998	U0.005	U0.005	U0.005	0.43	0.43	0.056	0.17	2.5	6	4.0	25	8.32	6.8	0.7	28.4
14-4	MID	1039	981290	8/26/1998	U0.005	U0.005	U0.005	0.37	0.37	0.046	0.14	2.1	7	2.3	21	8.33	3.7	0.6	29.3
14-5	MID	1028	981291	8/26/1998	U0.005	U0.005	U0.005	0.38	0.38	0.042	0.15	2.3	5	2.5	21	8.33	4.8	1.0	29.1

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	MID	1401	981270	8/25/1998	U0.005	U0.005	U0.005	0.30	0.30	0.028	0.08	1.6	6	2.2	19	8.32	5.7	1.3	31.4
16-1 REP	MID	1401	981262	8/25/1998	U0.005	U0.005	U0.005	0.34	0.34	0.029	0.09	2.1	3	2.3	19	8.31	4.7	2.1	NA
16-2	MID	1340	981265	8/25/1998	U0.005	U0.005	U0.005	0.32	0.32	0.028	0.10	1.6	5	3.1	22	8.38	5.7	4.0	30.8
16-3	MID	1321	981261	8/25/1998	U0.005	U0.005	U0.005	0.29	0.29	0.024	0.10	1.7	8	3.9	19	8.36	5.4	1.3	32.3
16-4	MID	1301	981267	8/25/1998	U0.005	U0.005	U0.005	0.26	0.26	0.014	0.07	U0.5	6	1.9	20	8.60	3.9	U0.5	32.4
16-5	MID	1235	981263	8/25/1998	U0.005	U0.005	U0.005	0.09	0.09	0.018	0.07	1.1	9	2.8	7	8.26	3.8	1.1	34.1
LB-1	1.0M	1142	981264	8/25/1998	0.005	U0.005	U0.005	0.63	0.63	0.076	0.21	2.5	10	6.3	75	8.15	26.4	9.4	17.7
LB-2	MID	1122	981269	8/25/1998	0.006	U0.005	U0.005	0.72	0.72	0.084	0.22	2.8	10	5.1	75	8.15	25.0	5.3	17.9
LB-3	MID	1101	981260	8/25/1998	U0.005	U0.005	U0.005	0.87	0.87	0.073	0.21	3.0	10	4.7	55	8.32	18.6	3.6	22.4
LB-4	MID	1039	981268	8/25/1998	U0.005	U0.005	U0.005	0.58	0.58	0.050	0.18	3.0	13	5.8	55	8.48	17.5	2.7	23.0
LB-5	MID	1020	981266	8/25/1998	U0.005	U0.005	U0.005	0.48	0.48	0.039	0.15	3.7	14	4.9	49	8.47	19.4	2.0	23.8
ML-1	MID	1211	981280	8/26/1998	0.058	0.045	0.045	1.10	1.15	0.203	0.27	1.2	2	2.1	300	7.20	2.5	0.6	0.17
ML-2	MID	1228	981274	8/26/1998	0.061	0.045	0.049	1.22	1.27	0.207	0.31	1.1	4	2.0	260	7.10	1.6	1.6	0.21
ML-3	MID	1247	981278	8/26/1998	0.076	0.045	0.047	1.00	1.05	0.197	0.26	1.3	3	2.0	240	7.13	5.3	0.8	0.73
ML-4	1.0M	1312	981281	8/26/1998	0.066	0.049	0.049	1.00	1.05	0.188	0.26	1.3	2	2.2	250	7.15	6.5	0.8	0.43
ML-5	MID	1348	981272	8/26/1998	0.066	0.056	0.059	0.98	1.04	0.157	0.23	1.3	3	3.2	240	7.17	4.2	1.3	0.35
MU-1	1.0M	1010	981271	8/26/1998	0.081	0.046	0.050	1.11	1.16	0.252	0.34	0.7	U2	1.7	230	7.08	2.0	U0.5	0.13
MU-1 REP	1.0M	1020	981279	8/26/1998	0.086	0.048	0.048	1.09	1.14	0.257	0.33	1.0	U2	1.6	230	7.05	1.1	U0.5	NA
MU-2	1.0M	1038	981273	8/26/1998	0.076	0.043	0.050	1.03	1.08	0.260	0.34	0.8	U2	1.6	230	7.15	1.0	1.3	0.12
MU-3	MID	1058	981277	8/26/1998	0.073	0.051	0.052	1.13	1.18	0.249	0.33	0.8	U2	1.7	240	7.06	1.4	0.6	0.13
MU-4	MID	1119	981276	8/26/1998	0.065	0.052	0.054	1.08	1.13	0.252	0.33	0.7	2	1.3	230	7.12	0.9	0.8	0.13
MU-5	MID	1137	981275	8/26/1998	0.066	0.050	0.052	1.18	1.23	0.225	0.30	1.2	3	1.5	260	7.19	1.2	0.8	0.16
EQP BLK		0740	981304	8/26/1998	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.62	U0.5	U0.5	NA
EQP BLK		1530	981305	8/26/1998	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.66	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rainfall		Cloud Cover		Air Temperature		Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)	
			Begin (EST)	End (EST)	No	Yes	Min	Max (%)						
082598	AM	10	0443	0648	0		0		24.38	24.38	340 - 350	5 - 10	<0.5 -	1.0
082598	PM	10	1030	1400	0		15	- 50	28.36	28.36	250 - 350	5 - 15	<0.5 -	1.0
082598	AM	11	0457	0553	0		0				345	5	<0.5	
082598	PM	11	1059	1240	0		40	- 60			200 - 345	10 - 15	<0.5 -	2.0
082598	AM	16	0500	0552	0		0		24.11	24.11	000	5	<0.5 -	0.5
082598	PM	16	1237	1358	0		10	- 40			310	15 - 20	<0.5 -	1.0
082598	AM	LB	0629	0709	0		0				000	5	<0.5 -	0.5
082598	PM	LB	1021	1144	0		40	- 50	29.75	29.75	000 - 330	<5 - 10	<0.5 -	0.5
082698	AM	13	0438	0551	0		0	- 5	26.45	26.45	-	<5	<0.5	
082698	PM	13	1158	1346	0		10	- 15			260 - 290	5 - 10	<0.5 -	0.5
082698	AM	14	0600	0648	0		10				-	<5	<0.5	
082698	PM	14	1025	1142	0		5	- 10	29.52	29.52	270	<5 - 5	<0.5 -	0.5
082698	AM	ML	0515	0610	0		0	- 5	23.97	23.97	-	<5	<0.5	
082698	PM	ML	1222	1358	0		20	- 45			150 - 300	<5 - 5	<0.5	
082698	AM	MU	0624	0714	0		5	- 10			-	<5	<0.5	
082698	PM	MU	1022	1147	0		10	- 25			-	<5	<0.5	

Hydrolab DS3 Continuous Deployment at Station 14-5

August 26-27, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
14-5	082698	0700	29.25	7.80	43126	27.8	84.6	5.5
14-5	082698	0715	29.31	7.86	43193	27.9	70.4	4.6
14-5	082698	0730	29.33	7.89	43206	27.9	67.8	4.4
14-5	082698	0745	29.39	7.94	43238	27.9	72.5	4.7
14-5	082698	0800	29.43	7.96	43271	27.9	74.0	4.8
14-5	082698	0815	29.57	7.99	43221	27.9	84.0	5.4
14-5	082698	0830	29.61	8.05	43105	27.8	100.7	6.5
14-5	082698	0845	29.72	8.07	43116	27.8	104.1	6.7
14-5	082698	0900	29.77	8.07	43093	27.8	118.4	7.6
14-5	082698	0915	29.94	8.13	43104	27.8	131.2	8.4
14-5	082698	0930	29.99	8.11	43268	27.9	128.3	8.2
14-5	082698	0945	30.02	8.10	43324	28.0	118.8	7.6
14-5	082698	1000	30.17	8.08	43395	28.0	116.6	7.4
14-5	082698	1015	30.23	8.09	43499	28.1	112.5	7.2
14-5	082698	1030	30.34	8.11	43587	28.1	126.1	8.0
14-5	082698	1045	30.41	8.10	43633	28.2	119.2	7.6
14-5	082698	1100	30.46	8.12	43651	28.2	119.0	7.5
14-5	082698	1115	30.60	8.13	43568	28.1	133.1	8.4
14-5	082698	1130	30.84	8.21	43557	28.1	157.6	9.9
14-5	082698	1145	31.08	8.25	43439	28.0	173.5	10.9
14-5	082698	1200	31.36	8.25	43339	28.0	182.2	11.4
14-5	082698	1215	31.52	8.28	43350	28.0	193.5	12.1
14-5	082698	1230	31.48	8.32	43442	28.0	###.#	###.##
14-5	082698	1245	31.64	8.25	43296	27.9	176.5	11.0
14-5	082698	1300	31.40	8.22	43533	28.1	173.1	10.8
14-5	082698	1315	31.44	8.24	43612	28.2	189.9	11.8
14-5	082698	1330	31.44	8.26	43697	28.2	200.0	12.5
14-5	082698	1345	31.53	8.28	43723	28.2	###.#	###.##
14-5	082698	1400	31.56	8.30	43806	28.3	###.#	###.##
14-5	082698	1415	31.63	8.32	43868	28.3	###.#	###.##
14-5	082698	1430	31.73	8.33	43888	28.4	###.#	###.##
14-5	082698	1445	31.79	8.34	43938	28.4	###.#	###.##
14-5	082698	1500	31.82	8.36	43990	28.4	###.#	###.##
14-5	082698	1515	31.80	8.34	44089	28.5	###.#	###.##

Hydrolab DS3 Continuous Deployment at Station 14-5

August 26-27, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
14-5	082698	1530	31.76	8.36	44162	28.6	###.#	##.##
14-5	082698	1545	31.81	8.36	44187	28.6	###.#	##.##
14-5	082698	1600	31.85	8.36	44199	28.6	###.#	##.##
14-5	082698	1615	31.83	8.36	44240	28.6	###.#	##.##
14-5	082698	1630	31.80	8.34	44255	28.6	###.#	##.##
14-5	082698	1645	31.80	8.32	44269	28.6	###.#	##.##
14-5	082698	1700	31.83	8.33	44250	28.6	###.#	##.##
14-5	082698	1715	31.83	8.33	44271	28.6	###.#	##.##
14-5	082698	1730	31.85	8.33	44279	28.6	###.#	##.##
14-5	082698	1745	31.84	8.32	44291	28.7	###.#	##.##
14-5	082698	1800	31.84	8.32	44308	28.7	###.#	##.##
14-5	082698	1815	31.86	8.31	44302	28.7	###.#	##.##
14-5	082698	1830	31.89	8.31	44302	28.7	195.1	12.0
14-5	082698	1845	31.90	8.31	44274	28.6	188.3	11.6
14-5	082698	1900	31.92	8.30	44269	28.6	197.6	12.2
14-5	082698	1915	31.93	8.30	44286	28.6	193.5	11.9
14-5	082698	1930	31.89	8.27	44217	28.6	169.5	10.5
14-5	082698	1945	31.92	8.26	44163	28.6	176.3	10.9
14-5	082698	2000	31.93	8.25	44168	28.6	162.2	10.0
14-5	082698	2015	31.93	8.22	44135	28.5	158.9	9.8
14-5	082698	2030	31.91	8.22	43984	28.4	151.8	9.4
14-5	082698	2045	31.88	8.19	43762	28.3	146.1	9.0
14-5	082698	2100	31.85	8.19	43734	28.3	148.2	9.2
14-5	082698	2115	31.76	8.16	43766	28.3	138.8	8.6
14-5	082698	2130	31.72	8.15	43725	28.2	116.7	7.2
14-5	082698	2145	31.70	8.13	43671	28.2	111.4	6.9
14-5	082698	2200	31.66	8.12	43619	28.2	112.3	7.0
14-5	082698	2215	31.66	8.11	43563	28.1	104.3	6.5
14-5	082698	2230	31.64	8.10	43538	28.1	102.0	6.3
14-5	082698	2245	31.64	8.14	43579	28.1	132.7	8.2
14-5	082698	2300	31.58	8.17	43596	28.2	126.6	7.9
14-5	082698	2315	31.60	8.17	43567	28.1	132.0	8.2
14-5	082698	2330	31.64	8.16	43509	28.1	128.5	8.0
14-5	082698	2345	31.68	8.16	43443	28.0	126.8	7.9
14-5	082798	0000	31.69	8.15	43371	28.0	120.6	7.5

Hydrolab DS3 Continuous Deployment at Station 14-5

August 26-27, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
14-5	082798	0015	31.68	8.14	43260	27.9	118.5	7.4
14-5	082798	0030	31.58	8.15	43179	27.8	125.4	7.8
14-5	082798	0045	31.51	8.16	43124	27.8	124.5	7.8
14-5	082798	0100	31.48	8.16	43103	27.8	117.2	7.3
14-5	082798	0115	31.45	8.15	43109	27.8	126.1	7.9
14-5	082798	0130	31.41	8.15	43105	27.8	126.5	7.9
14-5	082798	0145	31.39	8.14	43121	27.8	125.5	7.8
14-5	082798	0200	31.35	8.14	43139	27.8	117.4	7.3
14-5	082798	0215	31.34	8.12	43149	27.8	109.4	6.8
14-5	082798	0230	31.31	8.09	43188	27.9	108.1	6.8
14-5	082798	0245	31.29	8.09	43204	27.9	108.8	6.8
14-5	082798	0300	31.24	8.09	43236	27.9	110.0	6.9
14-5	082798	0315	31.18	8.11	43255	27.9	104.7	6.6
14-5	082798	0330	31.19	8.09	43271	27.9	100.1	6.3
14-5	082798	0345	31.15	8.07	43312	27.9	95.8	6.0
14-5	082798	0400	31.18	8.04	43266	27.9	92.8	5.8
14-5	082798	0415	31.37	7.94	43373	28.0	49.2	3.1
14-5	082798	0430	31.27	7.94	43432	28.0	62.4	3.9
14-5	082798	0445	31.11	7.95	43503	28.1	66.6	4.2
14-5	082798	0500	30.81	8.03	43482	28.1	74.5	4.7
14-5	082798	0515	30.64	7.99	43388	28.0	65.7	4.2
14-5	082798	0530	30.63	7.99	43331	28.0	57.6	3.6
14-5	082798	0545	30.62	7.98	43325	28.0	57.7	3.7
14-5	082798	0600	30.57	7.99	43332	28.0	62.3	3.9
14-5	082798	0615	30.54	7.96	43348	28.0	56.3	3.6
14-5	082798	0630	30.56	7.99	43360	28.0	67.0	4.2
14-5	082798	0645	30.66	8.03	43388	28.0	68.4	4.3
14-5	082798	0700	30.70	8.04	43439	28.0	87.7	5.5
14-5	082798	0715	30.71	8.04	43450	28.0	80.5	5.1
14-5	082798	0730	30.72	8.04	43456	28.0	72.6	4.6
14-5	082798	0745	30.74	8.05	43451	28.0	86.8	5.5
14-5	082798	0800	30.76	8.05	43460	28.1	84.4	5.3
14-5	082798	0815	30.81	8.04	43468	28.1	80.2	5.1
14-5	082798	0830	30.87	8.04	43472	28.1	80.9	5.1
14-5	082798	0845	30.95	8.07	43474	28.1	96.5	6.1

Hydrolab DS3 Continuous Deployment at Station 14-5

August 26-27, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
14-5	082798	0900	31.03	8.07	43463	28.1	93.2	5.9
14-5	082798	0915	31.12	8.09	43469	28.1	102.7	6.4
14-5	082798	0930	31.22	8.10	43469	28.1	104.3	6.5
14-5	082798	0945	31.25	8.10	43482	28.1	101.6	6.4
14-5	082798	1000	31.21	8.09	43462	28.1	104.5	6.5
14-5	082798	1015	31.34	8.12	43427	28.0	119.9	7.5
14-5	082798	1030	31.46	8.15	43414	28.0	127.2	7.9
14-5	082798	1045	31.56	8.16	43388	28.0	137.5	8.6
14-5	082798	1100	31.69	8.21	43393	28.0	148.1	9.2
14-5	082798	1115	31.79	8.20	43357	28.0	156.4	9.7
14-5	082798	1130	31.92	8.21	43332	28.0	154.6	9.6
14-5	082798	1145	31.98	8.19	43306	27.9	146.6	9.1
14-5	082798	1200	32.12	8.18	43293	27.9	146.8	9.1
14-5	082798	1215	32.23	8.17	43295	27.9	144.6	8.9
14-5	082798	1230	32.45	8.18	43286	27.9	145.5	8.9
14-5	082798	1245	32.62	8.19	43296	27.9	152.8	9.3
14-5	082798	1300	32.69	8.22	43292	27.9	169.0	10.3

Hydrolab DS3 Continuous Deployment at Station 14-3

August 26-27, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
14-3	082698	0915	29.94	7.95	42378	27.3	129.5	8.3
14-3	082698	0930	30.05	7.99	42400	27.3	138.8	8.9
14-3	082698	0945	30.13	8.00	42500	27.4	142.9	9.1
14-3	082698	1000	30.17	8.02	42512	27.4	137.7	8.8
14-3	082698	1015	30.27	8.04	42476	27.3	153.4	9.8
14-3	082698	1030	30.37	8.05	42507	27.4	155.9	9.9
14-3	082698	1045	30.50	8.04	42537	27.4	156.7	10.0
14-3	082698	1100	30.57	8.06	42504	27.4	162.3	10.3
14-3	082698	1115	30.55	8.05	42632	27.5	154.5	9.8
14-3	082698	1130	30.71	8.09	42684	27.5	169.9	10.8
14-3	082698	1145	30.89	8.14	42676	27.5	191.3	12.1
14-3	082698	1200	30.90	8.13	42869	27.6	185.1	11.7
14-3	082698	1215	31.00	8.15	43046	27.8	195.9	12.3
14-3	082698	1230	31.12	8.17	43087	27.8	###.#	###.##
14-3	082698	1245	31.31	8.17	43209	27.9	###.#	###.##
14-3	082698	1300	31.37	8.18	43508	28.1	###.#	###.##
14-3	082698	1315	31.55	8.21	43438	28.0	###.#	###.##
14-3	082698	1330	31.83	8.22	43323	28.0	###.#	###.##
14-3	082698	1345	32.02	8.26	43255	27.9	###.#	###.##
14-3	082698	1400	32.13	8.23	43241	27.9	###.#	###.##
14-3	082698	1415	32.02	8.25	43526	28.1	###.#	###.##
14-3	082698	1430	32.04	8.25	43602	28.2	###.#	###.##
14-3	082698	1445	32.21	8.27	43528	28.1	###.#	###.##
14-3	082698	1500	32.35	8.29	43446	28.0	###.#	###.##
14-3	082698	1515	32.44	8.27	43273	27.9	###.#	###.##
14-3	082698	1530	32.56	8.31	43185	27.9	###.#	###.##
14-3	082698	1545	32.67	8.21	42816	27.6	###.#	###.##
14-3	082698	1600	32.65	8.14	42467	27.3	182.5	11.2
14-3	082698	1615	32.36	8.12	42714	27.5	175.1	10.8
14-3	082698	1630	32.38	8.12	42517	27.4	182.4	11.2
14-3	082698	1645	32.46	8.13	42397	27.3	177.1	10.9
14-3	082698	1700	32.52	8.13	42284	27.2	177.9	10.9
14-3	082698	1715	32.45	8.11	42268	27.2	170.7	10.5
14-3	082698	1730	32.44	8.10	42185	27.1	172.2	10.6

Hydrolab DS3 Continuous Deployment at Station 14-3

August 26-27, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
14-3	082698	1745	32.49	8.11	42148	27.1	175.0	10.8
14-3	082698	1800	32.44	8.10	42117	27.1	171.1	10.5
14-3	082698	1815	32.44	8.09	42117	27.1	168.5	10.4
14-3	082698	1830	32.41	8.10	42117	27.1	168.5	10.4
14-3	082698	1845	32.56	8.13	42163	27.1	173.4	10.7
14-3	082698	1900	32.52	8.12	42216	27.2	172.8	10.6
14-3	082698	1915	32.39	8.09	42102	27.1	163.8	10.1
14-3	082698	1930	32.34	8.12	42094	27.1	177.0	10.9
14-3	082698	1945	32.33	8.07	42079	27.1	152.2	9.4
14-3	082698	2000	32.18	8.04	42162	27.1	143.0	8.9
14-3	082698	2015	32.12	8.05	42140	27.1	143.6	8.9
14-3	082698	2030	32.08	8.03	42057	27.0	142.0	8.8
14-3	082698	2045	32.05	8.02	42125	27.1	127.9	7.9
14-3	082698	2100	32.04	8.03	42110	27.1	132.7	8.2
14-3	082698	2115	32.00	8.03	42163	27.1	134.3	8.3
14-3	082698	2130	31.99	8.03	42103	27.1	128.8	8.0
14-3	082698	2145	31.99	8.01	42103	27.1	117.2	7.3
14-3	082698	2200	31.93	7.99	42005	27.0	113.1	7.0
14-3	082698	2215	31.87	7.98	41780	26.8	115.0	7.2
14-3	082698	2230	31.87	7.94	41780	26.8	105.7	6.6
14-3	082698	2245	31.86	7.94	41788	26.8	93.9	5.9
14-3	082698	2300	31.91	7.95	41795	26.9	99.3	6.2
14-3	082698	2315	31.89	7.95	41855	26.9	100.4	6.3
14-3	082698	2330	31.93	7.95	41938	27.0	121.6	7.6
14-3	082698	2345	31.95	7.97	41953	27.0	124.7	7.8
14-3	082798	0000	32.04	8.00	42178	27.1	119.7	7.4
14-3	082798	0015	32.05	8.00	42396	27.3	127.1	7.9
14-3	082798	0030	32.02	8.00	42510	27.4	119.4	7.4
14-3	082798	0045	31.95	7.96	42563	27.4	95.4	5.9
14-3	082798	0100	31.95	7.94	42766	27.6	90.9	5.6
14-3	082798	0115	31.84	7.97	43406	28.0	90.5	5.6
14-3	082798	0130	31.82	7.93	43602	28.2	76.6	4.7
14-3	082798	0145	31.83	7.91	43594	28.1	60.2	3.7
14-3	082798	0200	31.78	7.88	43519	28.1	48.5	3.0

Hydrolab DS3 Continuous Deployment at Station 14-3

August 26-27, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmdyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
14-3	082798	0215	31.75	7.88	43496	28.1	52.5	3.3
14-3	082798	0230	31.71	7.90	43549	28.1	54.1	3.4
14-3	082798	0245	31.72	7.84	43497	28.1	42.7	2.7
14-3	082798	0300	31.71	7.88	43346	28.0	52.7	3.3
14-3	082798	0315	31.65	7.88	43407	28.0	52.4	3.3
14-3	082798	0330	31.64	7.89	43324	28.0	50.7	3.2
14-3	082798	0345	31.62	7.90	43317	27.9	50.8	3.2
14-3	082798	0400	31.61	7.87	43325	28.0	41.8	2.6
14-3	082798	0415	31.56	7.81	43295	27.9	30.5	1.9
14-3	082798	0430	31.49	7.79	43214	27.9	27.1	1.7
14-3	082798	0445	31.46	7.82	42989	27.7	36.9	2.3
14-3	082798	0500	31.32	7.87	42685	27.5	61.1	3.8
14-3	082798	0515	31.20	7.94	42306	27.2	86.4	5.4
14-3	082798	0530	31.18	7.95	42165	27.1	90.9	5.7
14-3	082798	0545	31.18	7.93	42097	27.1	81.7	5.1
14-3	082798	0600	31.19	7.94	42090	27.1	85.4	5.4
14-3	082798	0615	31.16	7.95	41956	27.0	104.4	6.6
14-3	082798	0630	31.06	7.90	41990	27.0	87.3	5.5
14-3	082798	0645	31.03	7.93	41902	26.9	83.7	5.3
14-3	082798	0700	31.00	7.92	41902	26.9	83.5	5.3
14-3	082798	0715	30.94	7.90	41883	26.9	92.7	5.9
14-3	082798	0730	30.89	7.94	41870	26.9	93.2	5.9
14-3	082798	0745	30.94	7.95	41950	27.0	93.3	5.9
14-3	082798	0800	30.98	7.97	41896	26.9	95.7	6.1
14-3	082798	0815	31.00	7.96	41902	26.9	89.8	5.7
14-3	082798	0830	31.06	7.97	41855	26.9	92.0	5.8
14-3	082798	0845	31.13	7.99	41867	26.9	106.4	6.7
14-3	082798	0900	31.21	8.01	41894	26.9	109.2	6.9
14-3	082798	0915	31.32	8.04	41943	27.0	118.4	7.4
14-3	082798	0930	31.41	8.04	41903	26.9	116.3	7.3
14-3	082798	0945	31.48	8.06	41984	27.0	118.7	7.4
14-3	082798	1000	31.35	8.04	42010	27.0	116.6	7.3
14-3	082798	1015	31.35	8.03	41942	27.0	115.0	7.2
14-3	082798	1030	31.50	8.05	41923	26.9	125.2	7.9

Hydrolab DS3 Continuous Deployment at Station 14-3

August 26-27, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
14-3	082798	1045	31.60	8.08	41688	26.8	139.1	8.7
14-3	082798	1100	31.72	8.09	41670	26.8	151.1	9.4
14-3	082798	1115	31.65	8.07	41920	26.9	141.8	8.9
14-3	082798	1130	31.78	8.07	41962	27.0	135.6	8.5
14-3	082798	1145	31.89	8.09	42329	27.2	138.4	8.6
14-3	082798	1200	32.03	8.11	42321	27.2	153.3	9.5
14-3	082798	1215	32.16	8.14	42222	27.2	162.9	10.1
14-3	082798	1230	32.20	8.14	42245	27.2	161.5	10.0
14-3	082798	1245	32.21	8.14	42305	27.2	162.6	10.1
14-3	082798	1300	32.27	8.15	42396	27.3	168.3	10.4
14-3	082798	1315	32.39	8.16	42442	27.3	176.4	10.9

**Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles**

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
10-1	091598	0705	0.2	32.7	49.79	26.56	7.80	3.34	51.1
10-1	091598	0706	0.6	32.6	49.65	27.24	7.91	4.70	72.0
10-1	091598	0706	0.9	32.6	49.73	26.87	7.86	3.80	60.0
10-1	091598	1104	0.2	32.6	49.72	28.05	7.98	7.11	110.2
10-1	091598	1105	0.5	32.6	49.72	28.04	7.98	7.13	110.7
10-1	091598	1105	0.7	32.6	49.73	28.02	7.98	7.11	110.7
10-2	091598	0635	0.2	32.5	49.61	27.52	7.89	5.02	77.5
10-2	091598	0635	0.7	32.6	49.64	27.63	7.90	5.25	81.1
10-2	091598	0636	1.2	32.6	49.63	27.66	7.91	5.32	82.2
10-2	091598	1209	0.2	32.4	49.43	28.41	7.97	6.87	107.1
10-2	091598	1210	0.6	32.4	49.42	28.42	7.97	6.95	108.7
10-2	091598	1211	1.0	32.4	49.41	28.43	7.97	7.00	109.8
10-3	091598	0648	0.2	32.8	49.97	28.00	7.92	5.65	87.3
10-3	091598	0648	1.0	32.8	49.94	28.00	7.92	5.60	88.1
10-3	091598	0649	2.1	32.8	49.92	28.01	7.92	5.66	87.6
10-3	091598	1032	0.2	32.6	49.63	27.92	7.93	6.36	97.4
10-3	091598	1032	1.0	32.6	49.70	27.92	7.93	6.20	96.7
10-3	091598	1033	1.7	32.6	49.71	27.93	7.93	6.26	97.4
10-4	091598	0550	0.2	32.4	49.35	28.00	7.88	4.89	75.9
10-4	091598	0551	1.0	32.3	49.32	28.03	7.87	4.74	73.6
10-4	091598	0552	5.3	32.5	49.52	27.95	7.92	5.31	83.2
10-4	091598	1417	0.2	32.4	49.47	28.36	7.94	6.48	100.5
10-4	091598	1417	1.0	32.4	49.41	28.32	7.93	6.40	99.7
10-4	091598	1418	4.8	32.4	49.40	28.32	7.94	6.37	99.9
10-5	091598	0527	0.2	31.9	48.75	27.60	7.88	4.91	75.4
10-5	091598	0527	0.6	31.9	48.77	27.63	7.88	4.87	74.9
10-5	091598	0528	1.0	32.1	48.92	27.81	7.83	3.75	60.8
10-5	091598	1343	0.2	31.8	48.62	28.78	7.98	7.12	111.9
10-5	091598	1344	0.6	31.8	48.63	28.78	7.98	7.17	112.6
10-5	091598	1345	1.0	31.8	48.65	28.79	7.98	7.16	112.2

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
11-1	091598	0624	0.2	32.8	49.97	27.58	7.95	5.54	85.6
11-1	091598	0624	1.0	32.8	49.99	27.60	7.95	5.55	86.5
11-1	091598	0625	3.5	33.1	50.38	27.68	7.97	5.40	83.7
11-1	091598	1130	0.2	33.0	50.17	27.92	7.97	6.36	99.1
11-1	091598	1131	1.0	32.9	50.19	27.92	7.97	6.51	100.9
11-1	091598	1132	3.4	33.2	50.50	27.79	7.97	6.02	92.7
11-2	091598	0615	0.2	32.2	49.20	27.93	7.90	5.29	82.3
11-2	091598	0616	1.0	32.2	49.19	27.98	7.90	5.28	81.0
11-2	091598	0616	3.4	32.3	49.29	28.05	7.89	5.35	83.1
11-2	091598	1149	0.2	32.4	49.38	28.38	7.94	6.38	99.9
11-2	091598	1149	1.0	32.4	49.39	28.37	7.94	6.46	101.0
11-2	091598	1150	3.4	32.6	49.63	28.15	7.91	5.70	88.1
11-3	091598	0440	0.2	31.8	48.59	27.91	7.86	5.73	88.3
11-3	091598	0441	1.0	31.8	48.71	27.96	7.87	5.76	89.1
11-3	091598	0442	3.6	32.0	48.93	28.08	7.90	5.83	90.4
11-3	091598	1231	0.2	32.3	49.30	28.34	7.91	6.01	93.9
11-3	091598	1232	1.0	32.3	49.25	28.32	7.91	6.02	93.8
11-3	091598	1233	3.7	32.3	49.23	28.28	7.90	5.94	92.6
11-4	091598	0456	0.2	31.1	47.63	27.62	7.89	5.18	79.2
11-4	091598	0456	1.0	32.0	48.87	28.02	7.90	5.35	82.9
11-4	091598	0457	2.4	32.2	49.14	28.26	7.89	5.10	79.5
11-4	091598	1254	0.2	32.2	49.15	28.33	7.95	6.39	99.7
11-4	091598	1254	1.0	32.2	49.14	28.34	7.94	6.45	98.9
11-4	091598	1255	2.2	32.2	49.13	28.30	7.94	6.35	98.7
11-5	091598	0512	0.2	31.3	47.87	28.04	7.88	5.07	78.2
11-5	091598	0512	1.0	31.5	48.18	28.15	7.89	5.28	81.7
11-5	091598	0513	1.7	32.1	49.03	28.56	7.87	4.85	75.9
11-5	091598	1317	0.2	30.1	46.27	28.85	7.91	6.53	101.6
11-5	091598	1317	0.8	30.1	46.25	28.87	7.91	6.55	101.8
11-5	091598	1319	1.4	30.1	46.21	28.87	7.91	6.57	101.7

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
13-1	091698	0434	0.2	29.5	45.68	27.95	7.74	4.88	74.5
13-1	091698	0434	1.0	29.7	45.83	28.03	7.74	4.91	75.4
13-1	091698	0435	2.1	31.9	48.96	28.50	7.74	4.23	65.0
13-1	091698	1350	0.2	29.1	45.11	28.18	7.71	5.86	89.4
13-1	091698	1351	1.0	29.4	45.40	28.20	7.72	5.96	91.3
13-1	091698	1352	2.0	32.1	49.16	28.14	7.72	4.87	75.6
13-2	091698	0442	0.2	29.8	45.78	27.97	7.72	4.94	74.8
13-2	091698	0442	0.9	29.8	45.97	28.08	7.73	4.74	72.6
13-2	091698	0443	1.5	31.1	47.78	28.63	7.69	3.60	56.0
13-2	091698	1330	0.2	30.6	47.09	28.79	7.82	6.83	106.0
13-2	091698	1331	0.8	30.7	47.22	28.77	7.82	6.91	107.7
13-2	091698	1332	1.3	32.1	49.19	28.39	7.79	5.90	92.3
13-3	091698	0456	0.3	28.5	44.18	27.86	7.67	4.75	72.1
13-3	091698	1304	0.2	29.6	45.69	28.46	7.78	6.59	101.7
13-3	091698	1305	0.3	29.6	45.76	28.47	7.79	6.80	105.4
13-3	091698	1306	0.4	29.6	45.70	28.47	7.78	6.74	103.6
13-4	091698	0509	0.2	28.3	43.96	27.89	7.69	5.04	76.0
13-4	091698	0509	0.5	28.3	43.92	27.93	7.69	4.78	72.4
13-4	091698	0510	0.8	28.3	43.93	27.92	7.69	4.68	70.8
13-4	091698	1238	0.2	28.5	44.20	28.01	7.69	5.49	83.3
13-4	091698	1238	0.7	28.5	44.22	28.00	7.69	5.51	83.6
13-4	091698	1239	1.2	28.5	44.22	28.00	7.69	5.51	83.6
13-5	091698	0520	0.2	28.2	43.81	27.89	7.72	5.33	80.4
13-5	091698	0521	0.7	28.2	43.76	27.89	7.72	5.10	77.2
13-5	091698	0521	1.1	28.2	43.80	27.93	7.71	5.05	75.9
13-5	091698	1208	0.2	28.4	44.16	28.09	7.72	5.70	86.5
13-5	091698	1210	1.0	28.6	44.34	27.95	7.69	5.46	82.1
13-5	091698	1210	1.8	28.9	44.74	27.84	7.63	4.49	68.1

**Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles**

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
14-1	091698	0529	0.2	28.6	44.31	27.86	7.79	5.33	80.5
14-1	091698	0530	1.0	28.6	44.33	27.86	7.79	5.31	80.4
14-1	091698	0530	2.7	30.8	47.33	28.82	7.75	3.00	44.2
14-1	091698	1150	0.2	28.4	44.17	27.89	7.73	5.56	84.0
14-1	091698	1150	1.0	28.5	44.16	27.92	7.74	5.63	85.1
14-1	091698	1152	4.3	30.8	47.39	28.74	7.81	3.04	47.2
14-2	091698	0538	0.2	28.6	44.36	27.77	7.78	5.45	82.5
14-2	091698	0539	0.9	28.6	44.37	27.76	7.79	5.48	82.8
14-2	091698	0539	1.6	28.6	44.36	27.77	7.79	5.49	83.1
14-2	091698	1130	0.2	28.4	44.12	27.96	7.78	5.86	88.9
14-2	091698	1131	1.0	28.4	44.14	27.94	7.77	5.94	90.1
14-2	091698	1131	1.9	28.5	44.17	27.88	7.77	5.71	86.8
14-3	091698	0553	0.2	28.7	44.50	26.94	7.78	4.46	63.8
14-3	091698	0553	0.4	28.7	44.51	26.96	7.78	3.99	59.1
14-3	091698	0554	0.5	28.7	44.45	26.96	7.78	3.93	58.3
14-3	091698	1106	0.2	28.8	44.63	27.23	7.84	5.69	85.4
14-3	091698	1107	0.5	28.8	44.58	27.23	7.84	5.25	78.3
14-3	091698	1108	0.8	28.8	44.59	27.22	7.86	5.61	83.7
14-4	091698	0607	0.2	31.5	48.30	27.87	7.90	4.98	77.1
14-4	091698	0608	1.0	31.5	48.31	27.89	7.91	4.98	76.9
14-4	091698	0608	1.7	31.6	48.51	28.01	7.89	4.90	75.2
14-4	091698	1046	0.2	31.6	48.55	27.82	7.91	5.74	88.3
14-4	091698	1047	1.0	31.6	48.52	27.81	7.91	5.84	89.9
14-4	091698	1048	1.9	31.6	48.52	27.82	7.91	5.68	87.4
14-5	091698	0617	0.2	32.0	49.04	27.31	7.75	4.32	65.6
14-5	091698	0617	0.8	32.0	49.02	27.32	7.75	3.83	57.0
14-5	091698	0618	1.4	32.0	49.01	27.32	7.75	3.54	53.5
14-5	091698	1027	0.2	32.3	49.47	27.70	7.80	4.99	76.9
14-5	091698	1027	0.9	32.3	49.52	27.70	7.79	4.96	76.4
14-5	091698	1028	1.5	32.3	49.48	27.71	7.80	5.10	78.5

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
16-1	091598	0449	0.2	31.2	47.89	27.83	7.81	3.77	57.8
16-1	091598	0449	0.5	31.2	47.98	27.84	7.81	3.68	56.1
16-1	091598	0450	0.7	31.2	47.98	27.85	7.80	3.56	55.6
16-1	091598	1413	0.2	32.1	49.12	29.01	7.99	7.40	117.7
16-1	091598	1413	0.4	32.1	49.11	29.02	7.99	7.55	119.2
16-1	091598	1414	0.6	32.1	49.10	29.03	7.99	7.54	119.2
16-2	091598	0504	0.2	32.3	49.39	28.02	7.79	4.21	65.6
16-2	091598	0505	0.6	32.3	49.41	28.03	7.79	4.15	64.7
16-2	091598	0506	0.9	32.3	49.39	28.02	7.79	4.09	63.6
16-2	091598	1348	0.2	31.7	48.70	29.22	7.91	6.99	110.8
16-2	091598	1349	1.0	31.7	48.69	29.31	7.93	7.66	121.0
16-2	091598	1350	1.7	31.9	48.94	29.08	7.90	6.74	106.4
16-3	091598	0515	0.2	33.0	50.36	28.37	7.84	5.26	82.5
16-3	091598	0516	1.0	33.1	50.58	28.53	7.83	5.13	80.8
16-3	091598	0517	1.7	33.2	50.70	28.66	7.83	4.99	78.9
16-3	091598	1332	0.2	32.8	50.09	28.96	7.85	5.91	93.4
16-3	091598	1332	0.9	32.8	50.09	28.97	7.85	5.98	94.6
16-3	091598	1332	1.5	32.8	50.08	28.98	7.85	5.84	91.31
16-4	091598	0539	0.2	33.3	50.79	28.36	7.78	4.61	72.6
16-4	091598	0540	1.0	33.3	50.78	28.31	7.77	4.41	68.6
16-4	091598	0541	2.2	33.3	50.82	28.31	7.76	4.14	64.9
16-4	091598	1310	0.2	32.8	50.11	28.92	7.96	7.56	119.6
16-4	091598	1310	1.0	32.8	50.08	28.97	7.96	7.80	123.5
16-4	091598	1310	2.2	32.8	50.14	28.79	7.91	7.46	123.3
16-5	091598	0548	0.2	33.5	51.06	28.60	7.80	4.97	78.1
16-5	091598	0549	1.0	33.5	51.06	28.59	7.80	4.92	77.3
16-5	091598	0549	2.3	33.5	51.10	28.61	7.80	4.90	77.0
16-5	091598	1251	0.2	33.1	50.44	28.96	7.84	6.26	99.1
16-5	091598	1252	0.9	33.1	50.56	29.00	7.84	6.29	99.9
16-5	091598	1253	1.5	33.2	50.69	29.12	7.83	6.28	99.7

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	091598	0622	0.2	25.7	40.33	28.66	7.47	4.26	64.2
LB-1	091598	0623	1.0	25.7	40.26	28.65	7.47	4.21	63.5
LB-1	091598	0623	2.3	25.7	40.26	28.66	7.47	4.20	63.2
LB-1	091598	1204	0.2	25.3	39.68	29.39	7.52	5.23	79.9
LB-1	091598	1204	0.8	25.3	39.67	29.40	7.52	5.27	79.9
LB-1	091598	1205	1.3	25.3	39.66	29.40	7.52	5.24	79.9
LB-2	091598	0632	0.2	24.9	39.11	28.93	7.65	4.25	63.9
LB-2	091598	0633	0.9	24.8	39.07	29.00	7.65	4.06	61.4
LB-2	091598	0634	1.5	24.9	39.22	29.06	7.66	3.78	57.2
LB-2	091598	1137	0.2	25.0	39.26	29.23	7.68	4.81	72.4
LB-2	091598	1138	1.0	25.0	39.26	29.20	7.68	4.85	72.7
LB-2	091598	1139	2.1	24.9	39.23	29.04	7.66	4.61	69.6
LB-3	091598	0642	0.2	26.3	41.10	28.23	7.88	5.06	75.7
LB-3	091598	0642	0.9	26.3	41.09	28.25	7.88	5.01	75.4
LB-3	091598	0643	1.6	28.1	43.61	28.77	7.78	1.98	28.8
LB-3	091598	1115	0.2	26.4	41.30	28.82	7.90	5.79	87.8
LB-3	091598	1116	1.0	26.4	41.31	28.78	7.89	5.55	84.4
LB-3	091598	1118	3.4	28.3	44.00	28.72	7.78	1.62	24.5
LB-4	091598	0652	0.2	28.6	44.36	27.81	7.90	4.33	65.7
LB-4	091598	0652	1.0	28.7	44.47	27.84	7.91	4.33	65.8
LB-4	091598	0653	3.5	29.4	45.40	28.46	7.90	3.72	57.2
LB-4	091598	1053	0.2	28.9	44.79	28.25	7.92	5.29	80.8
LB-4	091598	1054	1.0	29.0	44.96	28.17	7.90	4.75	72.7
LB-4	091598	1055	3.6	29.4	45.51	28.31	7.85	3.79	56.9
LB-5	091598	0700	0.2	29.8	45.97	27.09	7.72	2.70	39.5
LB-5	091598	0701	0.6	29.8	45.95	27.13	7.72	2.36	35.5
LB-5	091598	0702	0.9	29.8	45.96	27.11	7.72	2.04	30.4
LB-5	091598	1021	0.2	30.0	46.22	27.77	7.89	5.37	81.9
LB-5	091598	1022	0.6	29.9	46.18	27.78	7.89	5.35	80.9
LB-5	091598	1023	0.9	29.9	46.15	27.78	7.89	5.33	81.2

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Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
ML-1	091698	0558	0.2	0.86	1.614	27.05	7.23	4.78	60.3
ML-1	091698	0559	0.4	0.85	1.598	27.06	7.22	4.71	59.2
ML-1	091698	0559	0.6	0.85	1.600	27.06	7.23	4.74	60.0
ML-1	091698	1251	0.2	1.23	2.294	27.19	7.43	5.34	67.8
ML-1	091698	1252	0.6	1.23	2.294	27.19	7.43	5.32	67.6
ML-1	091698	1252	0.9	1.23	2.293	27.17	7.44	5.13	65.0
ML-2	091698	0545	0.2	0.99	1.860	26.95	7.36	5.04	63.6
ML-2	091698	0546	1.0	0.96	1.810	26.87	7.35	4.99	63.0
ML-2	091698	0546	1.8	0.96	1.802	26.83	7.35	4.97	62.6
ML-2	091698	1318	0.2	1.50	2.788	27.11	7.51	5.50	69.2
ML-2	091698	1319	1.0	1.53	2.836	26.86	7.51	5.51	69.7
ML-2	091698	1319	2.0	1.59	2.952	26.66	7.53	5.51	69.4
ML-3	091698	0535	0.2	1.05	1.977	26.73	7.41	5.16	64.9
ML-3	091698	0536	0.6	1.08	2.019	26.75	7.42	5.17	65.1
ML-3	091698	0537	1.0	1.06	1.990	26.74	7.41	5.11	64.1
ML-3	091698	1335	0.2	1.37	2.547	27.63	7.49	5.76	73.6
ML-3	091698	1336	0.8	1.37	2.546	27.65	7.50	5.80	74.4
ML-3	091698	1337	1.4	1.37	2.545	27.64	7.35	0.31	12.4
ML-4	091698	0512	0.2	1.29	2.404	26.78	7.49	5.39	68.0
ML-4	091698	0513	1.0	1.29	2.408	26.80	7.50	5.35	67.6
ML-4	091698	0514	2.2	1.30	2.416	26.79	7.50	5.33	67.2
ML-4	091698	1357	0.2	1.78	3.325	27.62	7.62	6.18	79.4
ML-4	091698	1358	1.0	1.92	3.543	27.21	7.64	6.22	79.4
ML-4	091698	1359	3.4	2.08	3.823	26.77	7.62	6.06	76.4
ML-5	091698	0457	0.3	1.91	3.517	26.63	7.61	5.83	73.6
ML-5	091698	1422	0.2	2.94	5.342	27.36	7.82	6.83	87.7
ML-5	091698	1422	0.3	2.94	5.338	27.35	7.83	6.79	87.6
ML-5	091698	1423	0.4	2.93	5.334	27.35	7.83	6.67	86.1

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
MU-1	091698	0719	0.2	0.10	0.222	26.99	6.75	4.09	51.1
MU-1	091698	0720	1.0	0.10	0.221	27.01	6.77	3.91	49.1
MU-1	091698	0721	3.2	0.10	0.220	27.03	6.80	3.92	49.3
MU-1	091698	1032	0.2	0.11	0.231	27.34	6.70	4.13	52.1
MU-1	091698	1033	1.0	0.11	0.228	27.22	6.75	3.93	49.6
MU-1	091698	1034	3.5	0.11	0.227	27.07	6.75	3.81	47.9
MU-2	091698	0655	0.2	0.11	0.236	27.06	6.83	3.78	47.6
MU-2	091698	0655	0.8	0.11	0.236	27.06	6.82	3.73	46.9
MU-2	091698	0656	1.3	0.11	0.235	27.07	6.85	3.70	46.7
MU-2	091698	1116	0.2	0.11	0.243	27.14	6.82	4.09	51.5
MU-2	091698	1116	1.0	0.11	0.240	27.11	6.83	3.93	49.5
MU-2	091698	1117	1.8	0.11	0.239	27.09	6.85	3.86	48.6
MU-3	091698	0649	0.2	0.11	0.242	27.04	6.85	3.80	47.7
MU-3	091698	0650	1.0	0.11	0.241	27.05	6.86	3.73	46.8
MU-3	091698	0650	1.9	0.11	0.241	27.05	6.88	3.70	46.4
MU-3	091698	1134	0.2	0.12	0.257	27.30	6.87	3.97	50.1
MU-3	091698	1134	0.9	0.12	0.257	27.18	6.86	3.91	49.2
MU-3	091698	1135	1.5	0.12	0.256	27.17	6.89	3.91	49.1
MU-4	091698	0635	0.2	0.13	0.265	26.95	6.92	3.88	48.7
MU-4	091698	0635	1.0	0.13	0.270	26.93	6.94	3.84	47.9
MU-4	091698	0636	1.9	0.19	0.392	26.53	7.23	3.58	44.6
MU-4	091698	1159	0.2	0.16	0.324	27.13	6.94	4.29	54.1
MU-4	091698	1200	1.0	0.16	0.328	27.11	6.96	4.22	53.1
MU-4	091698	1200	2.2	0.16	0.325	27.07	6.97	4.14	52.1
MU-5	091698	0619	0.2	0.27	0.506	26.99	7.07	4.41	55.3
MU-5	091698	0620	1.0	0.25	0.498	26.98	7.08	4.37	55.0
MU-5	091698	0620	2.8	0.26	0.502	27.00	7.09	4.27	53.7
MU-5	091698	1223	0.2	0.95	1.791	27.28	7.20	4.90	62.2
MU-5	091698	1223	1.0	0.99	1.859	27.23	7.23	4.92	62.4
MU-5	091698	1224	2.6	0.99	1.863	27.22	7.24	4.79	60.8

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	091598	0705	27.34472	-82.59417	27.34447	-82.59523	1.1			
10-1	091598	1104	27.34472	-82.59417	27.34402	-82.59452	0.9	>B	981572	1.11
10-2	091598	0635	27.34333	-82.57139	27.34328	-82.57237	1.4			
10-2	091598	1209	27.34333	-82.57139	27.34333	-82.57190	1.2	>B	981566	1.10
10-3	091598	0648	27.33917	-82.58000	27.33943	-82.58025	2.3			
10-3	091598	1032	27.33917	-82.58000	27.33950	-82.58045	1.9	1.5	981569	0.60
10-4	091598	0550	27.31500	-82.56611	27.31545	-82.56658	5.5			
10-4	091598	1417	27.31500	-82.56611	27.31505	-82.56612	5.0	1.1	981564	0.78
10-5	091598	0527	27.30889	-82.55222	27.30917	-82.55280	1.2			
10-5	091598	1343	27.30889	-82.55222	27.30910	-82.55277	1.2	>B	981565	0.91
11-1	091598	0624	27.36722	-82.57000	27.36768	-82.57055	3.7			
11-1	091598	1130	27.36722	-82.57000	27.36743	-82.57015	3.6	1.1	981568	0.60
11-2	091598	0615	27.34889	-82.55861	27.34923	-82.55927	3.6			
11-2	091598	1149	27.34889	-82.55861	27.34845	-82.55927	3.6	1.3	981563	0.92
11-3	091598	0440	27.33167	-82.55528	27.33113	-82.55533	3.8			
11-3	091598	1231	27.33167	-82.55528	27.33163	-82.55548	3.9	0.9	981570	1.10
11-4	091598	0456	27.32528	-82.54583	27.32537	-82.54663	2.6			
11-4	091598	1254	27.32528	-82.54583	27.32450	-82.54633	2.4	1.0	981562	1.08
11-5	091598	0512	27.30361	-82.54278	27.30360	-82.54290	1.9			
11-5	091598	1317	27.30361	-82.54278	27.30450	-82.54383	1.6	1.0	981567	1.08
13-1	091698	0434	27.29028	-82.54750	27.29053	-82.54740	2.3			
13-1	091698	1350	27.29028	-82.54750	27.29008	-82.54767	2.2	1.2	981544	1.24
13-2	091698	0442	27.28111	-82.54222	27.28143	-82.54245	1.7			
13-2	091698	1330	27.28111	-82.54222	27.28107	-82.54235	1.5	1.2	981541	1.14
13-3	091698	0456	27.26722	-82.53889	27.26682	-82.53890	0.6			
13-3	091698	1304	27.26722	-82.53889	27.26738	-82.53900	0.6	>B	981542	1.12
13-4	091698	0509	27.25750	-82.53278	27.25768	-82.53280	1.0			
13-4	091698	1238	27.25750	-82.53278	27.25782	-82.53275	1.4	>B	981543	1.27
13-5	091698	0520	27.25083	-82.52556	27.25080	-82.52598	1.3			
13-5	091698	1208	27.25083	-82.52556	27.25077	-82.52595	2.0	1.2	981545	1.24
14-1	091698	0529	27.23833	-82.51722	27.23843	-82.51710	2.9			
14-1	091698	1150	27.23833	-82.51722	27.23817	-82.51735	4.5	1.1	981549	1.40
14-2	091698	0538	27.23167	-82.51583	27.23177	-82.51645	1.8			
14-2	091698	1130	27.23167	-82.51583	27.23160	-82.51608	2.1	1.0	981548	1.37
14-3	091698	0553	27.21750	-82.51139	27.21743	-82.51117	0.7			
14-3	091698	1106	27.21750	-82.51139	27.21748	-82.51108	1.0	>B	981546	1.02
14-4	091698	0607	27.20028	-82.49750	27.20012	-82.49753	1.9			
14-4	091698	1046	27.20028	-82.49750	27.20032	-82.49805	2.1	1.2	981547	0.81
14-5	091698	0617	27.18389	-82.49694	27.18373	-82.49722	1.6			
14-5	091698	1027	27.18389	-82.49694	27.18387	-82.49705	1.7	>B	981550	0.61
16-1	091598	0449	27.16889	-82.49000	27.16908	-82.49003	0.9			
16-1	091598	1413	27.16889	-82.49000	27.16888	-82.48997	0.8	>B	981539	0.97

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
16-2	091598	0504	27.16194	-82.48472	27.16197	-82.48480	1.1			
16-2	091598	1348	27.16194	-82.48472	27.16188	-82.48448	1.9	1.7	981535	1.01
16-3	091598	0515	27.14944	-82.47528	27.14932	-82.47515	1.9			
16-3	091598	1332	27.14944	-82.47528	27.14963	-82.47558	1.7	>B	981538	0.96
16-4	091598	0539	27.14083	-82.47167	27.14057	-82.47172	2.4			
16-4	091598	1310	27.14083	-82.47167	27.14055	-82.47155	2.4	1.7	981537	0.92
16-5	091598	0548	27.13028	-82.47028	27.13058	-82.47035	2.5			
16-5	091598	1251	27.13028	-82.47028	27.12973	-82.47045	1.7	>B	981536	0.97
LB-1	091598	0622	27.04917	-82.43722	27.04910	-82.43672	2.5			
LB-1	091598	1204	27.04917	-82.43722	27.04970	-82.43702	1.5	0.9	981533	1.96
LB-2	091598	0632	27.02306	-82.41806	27.02285	-82.41807	1.7			
LB-2	091598	1137	27.02306	-82.41806	27.02298	-82.41813	2.3	0.9	981531	2.00
LB-3	091598	0642	26.99611	-82.40000	26.99577	-82.40023	1.8			
LB-3	091598	1115	26.99611	-82.40000	26.99568	-82.40045	3.6	0.8	981534	2.10
LB-4	091598	0652	26.97611	-82.38361	26.97593	-82.38387	3.7			
LB-4	091598	1053	26.97611	-82.38361	26.97607	-82.38392	3.8	0.9	981532	1.88
LB-5	091598	0700	26.96333	-82.37833	26.96317	-82.37815	1.1			
LB-5	091598	1021	26.96333	-82.37833	26.96325	-82.37812	1.1	>B	981540	1.34
ML-1	091698	0558	27.04139	-82.28639	27.04160	-82.28602	0.8			
ML-1	091698	1251	27.04139	-82.28639	27.04185	-82.28635	1.1	0.7	981556	3.44
ML-2	091698	0545	27.03056	-82.27583	27.03017	-82.27545	2.0			
ML-2	091698	1318	27.03056	-82.27583	27.03158	-82.27673	2.2	0.8	981551	3.61
ML-3	091698	0535	27.03194	-82.27222	27.03147	-82.27262	1.2			
ML-3	091698	1335	27.03194	-82.27222	27.02247	-82.27238	1.6	0.6	981560	3.63
ML-4	091698	0512	27.01806	-82.27250	27.01782	-82.27235	2.4			
ML-4	091698	1357	27.01806	-82.27250	27.01750	-82.27198	3.6	0.8	981554	3.81
ML-5	091698	0457	27.00306	-82.25833	27.00308	-82.25833	0.5			
ML-5	091698	1422	27.00306	-82.25833	27.00315	-82.25813	0.6	>B	981555	3.08
MU-1	091698	0719	27.10278	-82.33278	27.10332	-82.33247	3.4			
MU-1	091698	1032	27.10278	-82.33278	27.10305	-82.31720	3.7	0.7	981559	3.28
MU-2	091698	0655	27.07944	-82.31889	27.07925	-82.31853	1.5			
MU-2	091698	1116	27.07944	-82.31889	27.07975	-82.31867	2.0	1.1	981553	3.75
MU-3	091698	0649	27.07583	-82.31694	27.07587	-82.31670	2.1			
MU-3	091698	1134	27.07583	-82.31694	27.07560	-82.31633	1.7	1.4	981552	3.86
MU-4	091698	0635	27.06417	-82.31333	27.06495	-82.31290	2.1			
MU-4	091698	1159	27.06417	-82.31333	27.06442	-82.31347	2.4	0.6	981557	3.73
MU-5	091698	0619	27.05335	-82.29315	27.05335	-82.29315	3.0			
MU-5	091698	1223	27.05335	-82.29315	27.05337	-82.29368	2.8	0.7	981558	3.69

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	MID	1103	981572	9/15/1998	0.022	U0.005	U0.005	0.56	0.56	0.009	0.06	1.2	13	6.2	11	8.27	7.7	2.0	32.6
10-2	MID	1209	981566	9/15/1998	0.009	U0.005	U0.005	0.26	0.26	0.010	0.05	1.5	11	6.5	11	8.31	9.0	2.1	32.4
10-3	MID	1020	981569	9/15/1998	0.021	U0.005	U0.005	0.27	0.27	0.008	U0.05	0.8	4	2.5	7	8.24	4.7	1.1	32.6
10-3 REP	MID	1032	981571	9/15/1998	0.023	U0.005	U0.005	0.21	0.21	0.008	U0.05	1.0	4	3.2	7	8.25	4.8	U0.5	NA
10-4	1.0M	1417	981564	9/15/1998	0.007	U0.005	U0.005	0.25	0.25	0.011	U0.05	1.2	7	4.5	11	8.28	8.0	1.5	32.4
10-5	MID	1342	981565	9/15/1998	0.013	U0.005	U0.005	0.25	0.25	0.013	0.06	1.4	10	7.0	12	8.32	7.9	3.4	31.8
11-1	1.0M	1130	981568	9/15/1998	0.017	U0.005	U0.005	0.43	0.43	0.016	0.06	1.4	7	3.8	10	8.29	5.1	1.4	33.0
11-2	1.0M	1148	981563	9/15/1998	0.015	U0.005	U0.005	0.28	0.28	0.016	0.08	1.4	8	4.6	13	8.27	8.5	1.7	32.4
11-3	1.0M	1231	981570	9/15/1998	0.015	U0.005	U0.005	0.34	0.34	0.015	0.09	1.6	19	7.2	15	8.25	10.3	1.8	32.3
11-4	1.0M	1253	981562	9/15/1998	0.013	U0.005	U0.005	0.33	0.33	0.013	0.08	1.4	12	7.6	12	8.27	7.1	2.6	32.2
11-5	MID	1316	981567	9/15/1998	0.011	U0.005	U0.005	0.57	0.57	0.024	0.10	1.6	11	6.3	20	8.24	11.0	5.4	30.1
13-1	1.0M	1352	981544	9/16/1998	U0.005	U0.005	U0.005	0.34	0.34	0.040	0.11	1.4	9	5.3	24	8.16	15.7	6.9	29.1
13-1 REP	1.0M	1358	981574	9/16/1998	U0.005	U0.005	U0.005	0.37	0.37	0.039	0.13	1.6	10	5.3	22	8.16	14.9	5.7	NA
13-2	MID	1329	981541	9/16/1998	U0.005	U0.005	U0.005	0.37	0.37	0.033	0.10	2.0	8	4.7	22	8.22	10.2	6.6	30.6
13-3	MID	1305	981542	9/16/1998	U0.005	U0.005	U0.005	0.33	0.33	0.035	0.11	1.6	13	6.0	24	8.20	12.3	7.6	29.6
13-4	MID	1238	981543	9/16/1998	U0.005	U0.005	U0.005	0.33	0.33	0.043	0.11	1.3	11	5.7	22	8.14	14.9	7.1	28.5
13-5	1.0M	1211	981545	9/16/1998	U0.005	U0.005	U0.005	0.37	0.37	0.043	0.12	1.4	12	4.9	24	8.15	14.7	5.9	28.4
14-1	1.0M	1148	981549	9/16/1998	U0.005	U0.005	U0.005	0.46	0.46	0.042	0.13	1.4	9	6.7	25	8.16	15.8	4.8	28.4
14-2	1.0M	1131	981548	9/16/1998	U0.005	U0.005	U0.005	0.44	0.44	0.041	0.14	1.3	15	7.0	24	8.20	15.2	6.3	28.4
14-3	MID	1106	981546	9/16/1998	U0.005	U0.005	U0.005	0.55	0.55	0.038	0.13	1.9	7	5.4	27	8.27	13.8	5.3	28.8
14-4	1.0M	1045	981547	9/16/1998	U0.005	U0.005	U0.005	0.33	0.33	0.026	0.08	1.3	10	3.4	15	8.33	10.6	0.9	31.6
14-5	MID	1026	981550	9/16/1998	0.015	0.006	U0.005	0.27	0.27	0.029	0.08	1.1	3	2.0	12	8.22	4.7	1.3	32.3

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	MID	1407	981539	9/15/1998	0.009	U0.005	U0.005	0.32	0.32	0.025	0.09	1.7	5	1.8	17	8.42	6.1	1.2	32.1
16-1 REP	MID	1423	981573	9/15/1998	U0.005	U0.005	U0.005	0.33	0.33	0.025	0.10	1.6	5	2.1	19	8.41	6.2	1.5	NA
16-2	MID	1346	981535	9/15/1998	U0.005	U0.005	U0.005	0.34	0.34	0.028	0.09	1.3	5	2.5	19	8.33	7.2	1.0	31.7
16-3	MID	1333	981538	9/15/1998	U0.005	U0.005	U0.005	0.28	0.28	0.016	0.08	1.2	7	4.2	11	8.28	6.2	1.1	32.8
16-4	1.0M	1307	981537	9/15/1998	U0.005	U0.005	U0.005	0.26	0.26	0.014	0.06	1.2	4	3.0	12	8.39	3.7	2.0	32.8
16-5	MID	1249	981536	9/15/1998	U0.005	U0.005	U0.005	0.23	0.23	0.015	0.08	2.2	6	4.5	11	8.28	6.8	U0.5	33.1
LB-1	MID	1159	981533	9/15/1998	U0.005	0.006	U0.005	0.56	0.56	0.080	0.26	1.7	12	6.2	49	8.00	15.9	6.4	25.3
LB-2	1.0M	1136	981531	9/15/1998	U0.005	U0.005	U0.005	0.63	0.63	0.091	0.29	2.1	18	6.4	50	8.09	19.0	7.9	25.0
LB-3	1.0M	1115	981534	9/15/1998	U0.005	U0.005	U0.005	0.74	0.74	0.062	0.31	1.2	34	7.7	55	8.29	23.9	6.6	26.4
LB-4	1.0M	1052	981532	9/15/1998	U0.005	U0.005	U0.005	0.56	0.56	0.033	0.23	2.3	17	7.3	40	8.33	23.5	6.6	28.9
LB-5	MID	1022	981540	9/15/1998	U0.005	U0.005	U0.005	0.42	0.42	0.028	0.12	2.0	7	3.6	26	8.29	12.9	5.2	30.0
ML-1	MID	1250	981556	9/16/1998	0.056	0.085	0.083	0.79	0.87	0.194	0.26	1.2	3	2.7	180	7.47	4.1	2.2	1.23
ML-2	1.0M	1313	981551	9/16/1998	0.047	0.087	0.086	0.82	0.91	0.192	0.30	1.1	4	3.4	190	7.53	6.3	3.0	1.50
ML-3	MID	1330	981560	9/16/1998	0.047	0.085	0.084	1.04	1.12	0.192	1.20	1.2	3	3.2	180	7.46	7.2	2.0	1.37
ML-4	1.0M	1354	981554	9/16/1998	0.042	0.081	0.079	0.81	0.89	0.196	0.28	1.2	4	3.8	180	7.63	11.8	3.0	1.78
ML-5	MID	1418	981555	9/16/1998	0.024	0.044	0.043	0.84	0.88	0.187	0.29	2.3	7	5.6	160	7.73	17.7	4.3	2.94
ML-5 REP	MID	1428	981561	9/16/1998	0.023	0.044	0.042	0.83	0.87	0.184	0.27	1.5	8	6.0	180	7.58	20.7	5.9	NA
MU-1	1.0M	1025	981559	9/16/1998	0.056	0.047	0.045	0.97	1.01	0.204	0.25	1.2	U2	1.2	230	7.01	1.5	0.6	0.11
MU-2	1.0M	1059	981553	9/16/1998	0.057	0.061	0.060	0.98	1.04	0.207	0.28	1.2	U2	1.3	230	6.94	1.4	0.5	0.11
MU-3	MID	1125	981552	9/16/1998	0.055	0.062	0.062	1.01	1.07	0.205	0.29	1.1	U2	1.3	230	7.22	0.9	U0.5	0.12
MU-4	1.0M	1155	981557	9/16/1998	0.050	0.063	0.061	0.94	1.00	0.204	0.27	1.1	U2	1.5	230	7.22	1.8	U0.5	0.16
MU-5	1.0M	1220	981558	9/16/1998	0.059	0.068	0.067	0.90	0.97	0.203	0.27	1.3	2	2.0	210	7.38	2.6	1.1	0.95
EQP BLK		0750	981576	9/16/1998	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.46	U0.5	U0.5	NA
EQP BLK		0720	981575	9/16/1998	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.80	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rainfall		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)	
			Begin (EST)	End (EST)	No	Yes	Min	Max					
091598	AM	10	0527	0705	0		5	- 15		090	5 - 10	<0.5 -	0.5
091598	PM	10	1032	1417	0		50	- 100		090 - 300	10 - 15	<0.5 -	1.0
091598	AM	11	0440	0624	0		5	- 40	24	090 - 95	5	<0.5 -	0.5
091598	PM	11	1130	1317	0		60	- 80		090 - 180	5 - 15	<0.5 -	1.0
091598	AM	16	0449	0548	0		20	- 60	24	120	5	<0.5	
091598	PM	16	1251	1413	0	- 1	90	- 100		120	5 - 15	<0.5 -	0.5
091598	AM	LB	0622	0700	0		40	- 50		120	5	<0.5 -	0.5
091598	PM	LB	1021	1204	0	- 1	70	- 85	28	120	5 - 20	<0.5 -	1.0
091698	AM	13	0434	0520	0		DARK		24	090	10	<0.5 -	0.5
091698	PM	13	1208	1350	0		80	- 95		090	5 - 10	<0.5 -	0.5
091698	AM	14	0529	0617	0		100			090	10	<0.5 -	0.5
091698	PM	14	1027	1150	0		90	- 100	27	090	10 - 15	<0.5 -	1.0
091698	AM	ML	0457	0558	0		100		24	113 - 135	5	<0.5 -	0.5
091698	PM	ML	1251	1422	0		90			180	5 - 10	<0.5	
091698	AM	MU	0619	0719	0		100			135	<5 - 5	<0.5	
091698	PM	MU	1032	1223	0	- 1	90	- 100		180	5	<0.5	

Hydrolab Minisonde Continuous Deployment at Station 13-5
September 15-16, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
13-5	091598	1515	29.03	7.99	42.7	27.4	99.1	6.5
13-5	091598	1530	29.02	7.99	42.6	27.4	99.3	6.5
13-5	091598	1545	28.93	8.00	42.7	27.4	99.0	6.5
13-5	091598	1600	28.96	7.99	42.6	27.4	97.3	6.4
13-5	091598	1615	28.94	7.99	42.6	27.3	98.2	6.4
13-5	091598	1630	28.97	8.00	42.5	27.3	100.6	6.6
13-5	091598	1645	28.99	8.00	42.5	27.3	100.0	6.5
13-5	091598	1700	28.99	8.00	42.5	27.3	98.1	6.4
13-5	091598	1715	28.95	8.01	42.5	27.3	99.4	6.5
13-5	091598	1730	28.92	8.01	42.5	27.2	99.3	6.5
13-5	091598	1745	28.88	8.02	42.5	27.2	100.7	6.6
13-5	091598	1800	28.85	7.97	42.4	27.2	91.6	6.0
13-5	091598	1815	28.81	7.96	42.4	27.2	90.9	6.0
13-5	091598	1830	28.81	7.97	42.4	27.2	91.3	6.0
13-5	091598	1845	28.77	8.02	42.4	27.2	97.4	6.4
13-5	091598	1900	28.70	8.01	42.3	27.1	96.6	6.3
13-5	091598	1915	28.65	7.94	42.3	27.1	83.5	5.5
13-5	091598	1930	28.55	7.95	42.2	27.0	83.3	5.5
13-5	091598	1945	28.58	7.89	42.2	27.1	74.7	4.9
13-5	091598	2000	28.56	7.90	42.2	27.0	75.2	5.0
13-5	091598	2015	28.68	7.97	42.2	27.0	85.6	5.6
13-5	091598	2030	28.71	7.94	42.2	27.0	81.2	5.3
13-5	091598	2045	28.66	7.94	42.1	27.0	82.3	5.4
13-5	091598	2100	28.52	7.90	42.1	27.0	73.9	4.9
13-5	091598	2115	28.48	7.87	42.1	27.0	69.3	4.6
13-5	091598	2130	28.51	7.85	42.1	27.0	66.8	4.4
13-5	091598	2145	28.52	7.86	42.1	27.0	67.8	4.5
13-5	091598	2200	28.41	7.80	42.0	26.9	58.8	3.9
13-5	091598	2215	28.36	7.80	42.0	27.0	58.7	3.9
13-5	091598	2230	28.35	7.82	42.0	26.9	60.5	4.0
13-5	091598	2245	28.35	7.82	42.0	26.9	61.2	4.1
13-5	091598	2300	28.35	7.83	42.1	27.0	61.6	4.1
13-5	091598	2315	28.29	7.82	41.9	26.9	60.0	4.0
13-5	091598	2330	28.25	7.82	41.9	26.9	60.4	4.0

Hydrolab Minisonde Continuous Deployment at Station 13-5
September 15-16, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
13-5	091598	2345	28.21	7.83	41.9	26.8	62.7	4.2
13-5	091698	1500	28.21	7.82	41.9	26.8	60.9	4.0
13-5	091698	3000	28.19	7.86	41.9	26.8	65.0	4.3
13-5	091698	4500	28.18	7.87	41.9	26.8	67.0	4.4
13-5	091698	1000	28.18	7.84	41.8	26.8	63.1	4.2
13-5	091698	1150	28.21	7.83	41.8	26.8	62.4	4.1
13-5	091698	1300	28.22	7.83	41.7	26.7	62.4	4.1
13-5	091698	1450	28.17	7.85	41.6	26.6	65.7	4.4
13-5	091698	2000	28.13	7.85	41.6	26.6	64.6	4.3
13-5	091698	2150	28.00	7.85	41.7	26.7	63.0	4.2
13-5	091698	2300	28.22	7.84	41.6	26.6	62.2	4.1
13-5	091698	2450	28.17	7.86	41.5	26.5	64.7	4.3
13-5	091698	3000	28.19	7.87	41.6	26.6	67.6	4.5
13-5	091698	3150	28.17	7.87	41.5	26.6	67.2	4.5
13-5	091698	3300	28.15	7.87	41.5	26.6	67.1	4.5
13-5	091698	3450	28.10	7.88	41.5	26.5	68.6	4.6
13-5	091698	4000	28.06	7.88	41.5	26.5	68.5	4.6
13-5	091698	4150	28.04	7.88	41.5	26.5	68.3	4.6
13-5	091698	4300	28.02	7.88	41.4	26.5	68.5	4.6
13-5	091698	4450	28.01	7.88	41.4	26.5	68.3	4.6
13-5	091698	5000	27.99	7.88	41.4	26.5	67.3	4.5
13-5	091698	5150	27.97	7.88	41.4	26.5	68.4	4.6
13-5	091698	5300	27.89	7.87	41.3	26.4	67.8	4.5
13-5	091698	5450	27.85	7.81	41.3	26.4	58.9	3.9
13-5	091698	6000	27.82	7.80	41.4	26.5	56.5	3.8
13-5	091698	6150	27.78	7.80	41.4	26.5	57.4	3.8
13-5	091698	6300	27.80	7.80	41.3	26.4	56.6	3.8
13-5	091698	6450	27.79	7.82	41.3	26.4	59.6	4.0
13-5	091698	7000	27.77	7.82	41.3	26.4	60.1	4.0
13-5	091698	7150	27.75	7.83	41.3	26.4	61.4	4.1
13-5	091698	7300	27.73	7.81	41.3	26.4	59.2	4.0
13-5	091698	7450	27.68	7.78	41.3	26.4	55.0	3.7
13-5	091698	8000	27.71	7.78	41.3	26.4	55.3	3.7
13-5	091698	8150	27.62	7.74	41.3	26.4	49.3	3.3
13-5	091698	8300	27.62	7.72	41.3	26.4	47.3	3.2

Hydrolab Minisonde Continuous Deployment at Station 13-5
September 15-16, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
13-5	091698	8450	27.47	7.69	41.3	26.5	43.9	3.0
13-5	091698	9000	27.48	7.67	41.3	26.4	41.8	2.8
13-5	091698	9150	27.56	7.71	41.3	26.4	46.9	3.2
13-5	091698	9300	27.65	7.74	41.3	26.4	50.3	3.4
13-5	091698	9450	27.68	7.77	41.3	26.4	55.1	3.7
13-5	091698	1000	27.71	7.78	41.3	26.4	56.7	3.8
13-5	091698	1015	27.74	7.73	41.7	26.7	46.4	3.1
13-5	091698	1030	27.77	7.73	41.8	26.8	46.7	3.1
13-5	091698	1045	27.79	7.73	41.8	26.7	47.0	3.1
13-5	091698	1100	27.90	7.85	41.4	26.5	67.6	4.5
13-5	091698	1115	27.88	7.82	41.6	26.7	60.7	4.1
13-5	091698	1130	27.83	7.82	42.0	27.0	58.7	3.9
13-5	091698	1145	27.84	7.82	42.1	27.0	59.4	4.0
13-5	091698	1200	27.86	7.82	42.1	27.0	61.1	4.1
13-5	091698	1215	27.90	7.82	41.9	26.9	63.7	4.3
13-5	091698	1230	27.94	7.85	41.8	26.8	68.3	4.6
13-5	091698	1245	28.03	7.85	41.7	26.7	70.6	4.7
13-5	091698	1300	28.01	7.85	41.8	26.8	68.7	4.6
13-5	091698	1315	28.01	7.91	41.8	26.8	76.8	5.1
13-5	091698	1330	28.04	7.93	41.7	26.7	80.2	5.3
13-5	091698	1345	28.06	7.97	41.7	26.7	84.6	5.6
13-5	091698	1400	28.05	7.97	41.6	26.7	85.2	5.7
13-5	091698	1415	28.17	7.99	41.6	26.6	90.1	6.0
13-5	091698	1430	28.14	7.99	41.5	26.6	89.2	5.9

Hydrolab DS3 Continuous Deployment at Station 13-2
September 15-16, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
13-2	091598	1545	29.29	7.76	45308	29.4	94.4	6.1
13-2	091598	1600	29.35	7.77	45456	29.5	95.6	6.1
13-2	091598	1615	29.35	7.80	45714	29.7	94.1	6.0
13-2	091598	1630	29.33	7.81	45772	29.7	94.7	6.1
13-2	091598	1645	29.31	7.81	45831	29.8	94.4	6.0
13-2	091598	1700	29.35	7.80	45843	29.8	88.9	5.7
13-2	091598	1715	29.39	7.80	45790	29.7	88.2	5.6
13-2	091598	1730	29.40	7.79	45652	29.6	83.7	5.4
13-2	091598	1745	29.39	7.78	45661	29.6	78.2	5.0
13-2	091598	1800	29.39	7.77	45661	29.6	78.0	5.0
13-2	091598	1815	29.38	7.77	45711	29.7	77.8	5.0
13-2	091598	1830	29.39	7.76	45661	29.6	69.8	4.5
13-2	091598	1845	29.39	7.76	45467	29.5	68.8	4.4
13-2	091598	1900	29.35	7.77	45262	29.4	73.0	4.7
13-2	091598	1915	29.39	7.77	45144	29.3	70.3	4.5
13-2	091598	1930	29.33	7.77	44933	29.1	75.9	4.9
13-2	091598	1945	29.20	7.78	44238	28.6	87.8	5.7
13-2	091598	2000	29.07	7.77	43633	28.2	89.5	5.8
13-2	091598	2015	29.01	7.75	43165	27.8	86.7	5.6
13-2	091598	2030	28.99	7.74	43031	27.7	82.5	5.4
13-2	091598	2045	29.01	7.74	43036	27.7	83.7	5.5
13-2	091598	2100	29.03	7.72	43235	27.9	83.5	5.4
13-2	091598	2115	29.01	7.72	43487	28.1	86.6	5.6
13-2	091598	2130	29.00	7.72	43924	28.4	86.9	5.6
13-2	091598	2145	28.93	7.70	44238	28.6	75.6	4.9
13-2	091598	2200	28.85	7.69	44344	28.7	73.2	4.8
13-2	091598	2215	28.85	7.68	44409	28.7	69.8	4.5
13-2	091598	2230	28.74	7.69	44440	28.8	79.3	5.2
13-2	091598	2245	28.71	7.69	44548	28.8	78.4	5.1
13-2	091598	2300	28.72	7.69	44756	29.0	75.2	4.9
13-2	091598	2315	28.66	7.69	44932	29.1	75.5	4.9
13-2	091598	2330	28.55	7.72	44955	29.1	83.8	5.5
13-2	091598	2345	28.50	7.72	45082	29.2	83.4	5.4
13-2	091698	0000	28.50	7.72	45146	29.3	83.7	5.5

Hydrolab DS3 Continuous Deployment at Station 13-2
September 15-16, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
13-2	091698	0015	28.46	7.73	45263	29.4	83.9	5.5
13-2	091698	0030	28.48	7.72	45269	29.4	73.7	4.8
13-2	091698	0045	28.50	7.71	45274	29.4	73.6	4.8
13-2	091698	0100	28.48	7.70	45269	29.4	73.7	4.8
13-2	091698	0115	28.48	7.69	45205	29.3	75.4	4.9
13-2	091698	0130	28.50	7.69	45210	29.3	67.6	4.4
13-2	091698	0145	28.50	7.68	45146	29.3	62.3	4.1
13-2	091698	0200	28.46	7.68	45135	29.3	62.8	4.1
13-2	091698	0215	28.44	7.67	45065	29.2	60.9	4.0
13-2	091698	0230	28.42	7.65	44996	29.2	58.5	3.8
13-2	091698	0245	28.42	7.64	44868	29.1	52.2	3.4
13-2	091698	0300	28.44	7.64	44873	29.1	50.9	3.3
13-2	091698	0315	28.44	7.63	44937	29.1	49.9	3.3
13-2	091698	0330	28.48	7.63	44948	29.1	53.3	3.5
13-2	091698	0345	28.46	7.63	45006	29.2	48.3	3.2
13-2	091698	0400	28.46	7.64	44942	29.1	55.1	3.6
13-2	091698	0415	28.48	7.63	44948	29.1	46.1	3.0
13-2	091698	0430	28.46	7.62	44942	29.1	48.3	3.2
13-2	091698	0445	28.48	7.61	44948	29.1	47.9	3.1
13-2	091698	0500	28.50	7.62	45017	29.2	50.7	3.3
13-2	091698	0515	28.50	7.62	45146	29.3	48.9	3.2
13-2	091698	0530	28.50	7.61	45146	29.3	47.6	3.1
13-2	091698	0545	28.50	7.61	45210	29.3	52.2	3.4
13-2	091698	0600	28.46	7.63	45199	29.3	53.8	3.5
13-2	091698	0615	28.42	7.62	45252	29.4	51.0	3.3
13-2	091698	0630	28.40	7.62	45311	29.4	49.3	3.2
13-2	091698	0645	28.35	7.61	45359	29.4	51.5	3.4
13-2	091698	0700	28.27	7.62	45338	29.4	54.4	3.6
13-2	091698	0715	28.25	7.64	45461	29.5	61.4	4.0
13-2	091698	0730	28.19	7.66	45510	29.5	65.3	4.3
13-2	091698	0745	28.15	7.67	45563	29.6	65.4	4.3
13-2	091698	0800	28.15	7.67	45627	29.6	66.7	4.4
13-2	091698	0815	28.17	7.67	45761	29.7	66.7	4.4
13-2	091698	0830	28.17	7.67	45889	29.8	67.0	4.4

Hydrolab DS3 Continuous Deployment at Station 13-2
September 15-16, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
13-2	091698	0845	28.15	7.67	45884	29.8	61.9	4.0
13-2	091698	0900	28.00	7.67	45842	29.8	64.3	4.2
13-2	091698	0915	28.02	7.66	45911	29.8	64.1	4.2
13-2	091698	0930	28.02	7.66	45911	29.8	62.6	4.1
13-2	091698	0945	27.94	7.67	45955	29.9	63.0	4.1
13-2	091698	1000	27.94	7.67	45955	29.9	62.4	4.1
13-2	091698	1015	27.96	7.66	45960	29.9	56.1	3.7
13-2	091698	1030	28.04	7.66	45788	29.7	68.4	4.5
13-2	091698	1045	28.05	7.69	45602	29.6	77.1	5.1
13-2	091698	1100	28.05	7.70	45473	29.5	79.1	5.2
13-2	091698	1115	28.05	7.71	45410	29.5	78.9	5.2
13-2	091698	1130	28.09	7.71	46060	29.9	68.9	4.5
13-2	091698	1145	28.09	7.71	46316	30.1	69.3	4.5
13-2	091698	1200	28.09	7.72	46444	30.2	74.8	4.9
13-2	091698	1215	28.11	7.71	46450	30.2	69.0	4.5
13-2	091698	1230	28.13	7.71	46519	30.3	69.2	4.5
13-2	091698	1245	28.17	7.71	46530	30.3	69.4	4.5
13-2	091698	1300	28.17	7.72	46530	30.3	65.5	4.3
13-2	091698	1315	28.21	7.73	46541	30.3	77.9	5.1
13-2	091698	1330	28.25	7.75	46552	30.3	81.7	5.3
13-2	091698	1345	28.27	7.75	46557	30.3	81.1	5.3
13-2	091698	1400	28.31	7.76	46568	30.3	84.0	5.5
13-2	091698	1415	28.35	7.77	46514	30.3	88.1	5.7
13-2	091698	1430	28.37	7.78	46520	30.3	87.4	5.7
13-2	091698	1445	28.38	7.78	46526	30.3	95.2	6.2
13-2	091698	1500	28.40	7.77	46531	30.3	85.0	5.5
13-2	091698	1515	28.42	7.76	46536	30.3	77.6	5.0

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
10-1	101398	0609	0.2	32.6	49.65	28.17	8.04	5.68	88.2
10-1	101398	0610	1.0	32.6	49.66	28.18	8.04	5.72	89.2
10-1	101398	0611	3.5	33.1	50.38	28.01	8.00	5.63	87.7
10-1	101398	1133	0.2	32.3	49.29	28.71	8.07	6.18	97.2
10-1	101398	1134	1.0	32.3	49.29	28.69	8.07	6.28	97.9
10-1	101398	1136	3.2	32.8	49.95	28.23	8.03	5.75	89.8
10-2	101398	0514	0.2	32.6	49.73	27.86	7.95	5.64	87.4
10-2	101398	0514	1.0	32.7	49.80	27.85	7.96	5.62	87.2
10-2	101398	0515	2.3	32.9	50.10	27.95	7.98	5.73	89.5
10-2	101398	1159	0.2	32.6	49.73	28.52	8.05	6.38	100.1
10-2	101398	1200	0.9	32.6	49.74	28.53	8.05	6.43	100.9
10-2	101398	1200	1.5	32.6	49.73	28.53	8.05	6.46	101.4
10-3	101398	0530	0.2	33.1	50.39	28.04	8.02	5.98	93.8
10-3	101398	0530	1.0	33.1	50.40	28.06	8.02	6.11	94.4
10-3	101398	0531	3.3	33.1	50.43	28.07	8.03	6.17	96.4
10-3	101398	1014	0.2	32.7	49.76	28.07	8.04	5.91	92.8
10-3	101398	1019	1.0	32.7	49.88	28.04	8.06	5.99	93.3
10-3	101398	1022	3.8	32.7	49.85	28.04	8.05	6.12	96.1
10-4	101398	0709	0.2	32.7	49.89	27.89	7.98	5.03	78.1
10-4	101398	0709	1.0	32.8	50.00	27.96	7.99	5.16	80.3
10-4	101398	0711	3.7	32.9	50.16	28.05	8.00	5.60	86.9
10-4	101398	1400	0.2	32.6	49.74	29.03	8.03	6.20	98.1
10-4	101398	1400	0.5	32.6	49.73	29.00	8.03	6.22	98.5
10-4	101398	1401	0.7	32.6	49.77	29.01	8.03	6.29	99.7
10-5	101398	0654	0.2	33.0	50.25	27.94	8.01	5.82	90.5
10-5	101398	0655	1.0	33.0	50.28	27.96	8.01	5.89	92.4
10-5	101398	0656	4.5	33.0	50.32	27.97	8.01	6.03	94.0
10-5	101398	1337	0.2	31.6	48.28	28.99	7.96	6.16	96.8
10-5	101398	1338	1.0	32.0	48.88	29.05	8.00	6.47	102.4
10-5	101398	1339	4.4	32.6	49.65	28.63	8.02	6.87	107.3

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
11-1	101398	0600	0.2	32.2	49.11	28.52	8.04	5.94	92.9
11-1	101398	0600	1.0	32.2	49.13	28.52	8.04	6.03	95.2
11-1	101398	0601	3.2	32.2	49.15	28.52	8.04	6.24	97.7
11-1	101398	1104	0.2	32.0	48.90	28.60	8.07	6.02	94.5
11-1	101398	1105	1.0	32.0	48.93	28.58	8.07	6.02	95.2
11-1	101398	1106	2.7	32.1	49.04	28.50	8.07	5.74	90.2
11-2	101398	0551	0.2	32.2	49.11	28.25	8.01	5.79	90.1
11-2	101398	0552	1.0	32.3	49.24	28.24	8.01	5.91	92.3
11-2	101398	0553	3.7	32.4	49.42	28.22	8.01	6.26	97.6
11-2	101398	1049	0.2	32.3	49.30	28.62	8.04	6.06	95.0
11-2	101398	1050	1.0	32.3	49.32	28.60	8.04	6.17	96.8
11-2	101398	1051	3.2	32.4	49.39	28.43	8.02	6.13	95.8
11-3	101398	0621	0.2	32.2	49.21	28.36	7.99	5.50	86.5
11-3	101398	0621	1.0	32.3	49.22	28.41	7.99	5.55	87.0
11-3	101398	0622	4.2	32.3	49.28	28.35	7.97	5.20	81.5
11-3	101398	1224	0.2	32.4	49.45	28.87	8.00	6.12	96.4
11-3	101398	1225	1.0	32.4	49.46	28.83	8.01	6.28	98.0
11-3	101398	1226	3.8	32.8	49.92	28.30	7.99	6.21	97.1
11-4	101398	0633	0.2	32.5	49.61	27.97	7.99	5.58	86.7
11-4	101398	0634	1.0	32.6	49.64	27.96	7.99	5.67	87.4
11-4	101398	0634	1.8	32.9	50.14	27.89	7.99	5.80	90.1
11-4	101398	1249	0.2	32.3	49.29	29.39	8.04	6.72	106.7
11-4	101398	1250	0.7	32.4	49.47	29.17	8.04	6.82	108.8
11-4	101398	1251	1.1	32.5	49.50	29.18	8.04	6.93	110.4
11-5	101398	0644	0.2	32.1	49.04	28.14	7.95	4.86	75.6
11-5	101398	0645	1.0	32.2	49.11	28.17	7.96	5.09	78.6
11-5	101398	0645	2.7	32.7	49.88	28.14	7.96	5.01	78.1
11-5	101398	1312	0.2	30.1	46.30	29.16	7.91	5.96	93.3
11-5	101398	1313	1.0	32.6	49.76	28.85	7.98	5.76	90.6
11-5	101398	1313	2.2	32.9	50.11	28.47	8.08	7.45	115.6

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
13-1	101498	0516	0.2	29.6	45.91	27.93	7.96	5.58	85.2
13-1	101498	0517	1.0	30.1	46.39	28.21	7.98	5.40	82.4
13-1	101498	0517	1.7	30.3	46.78	28.34	7.98	5.28	81.3
13-1	101498	1330	0.2	29.1	45.02	29.19	8.14	8.26	128.5
13-1	101498	1331	0.9	29.3	45.19	29.03	8.12	8.07	126.9
13-1	101498	1331	1.6	29.7	45.83	28.86	8.10	7.39	114.6
13-2	101498	0527	0.2	28.1	43.63	28.29	7.96	5.77	86.2
13-2	101498	0528	1.0	29.2	45.52	28.41	8.00	5.52	83.3
13-2	101498	0529	1.9	30.3	46.70	29.02	8.00	5.15	80.4
13-2	101498	1315	0.2	27.5	42.62	28.90	7.90	5.51	84.3
13-2	101498	1316	0.9	27.6	43.00	28.90	7.93	5.53	84.8
13-2	101498	1316	1.6	29.6	45.88	28.88	8.04	6.19	95.9
13-3	101498	0538	0.2	26.9	42.09	28.59	7.85	5.23	78.4
13-3	101498	0539	1.0	27.5	42.87	28.80	7.87	4.91	74.7
13-3	101498	0539	1.7	29.0	44.91	28.95	7.92	4.71	73.0
13-3	101498	1253	0.2	26.7	41.71	28.91	7.91	5.86	88.0
13-3	101498	1253	1.0	27.7	43.12	29.07	7.91	5.56	85.5
13-3	101498	1254	1.9	28.7	44.54	29.05	7.87	4.10	62.4
13-4	101498	0550	0.2	26.9	41.97	28.48	7.83	4.28	64.8
13-4	101498	0551	0.7	26.9	41.99	28.52	7.83	4.28	64.9
13-4	101498	0551	1.1	26.9	41.98	28.53	7.83	4.22	64.1
13-4	101498	1227	0.2	25.8	40.49	29.26	7.85	5.52	84.3
13-4	101498	1228	0.6	26.7	41.51	29.20	7.86	5.34	81.4
13-4	101498	1229	1.0	27.7	43.15	29.19	7.88	5.22	81.1
13-5	101498	0559	0.2	26.2	40.94	28.56	7.91	5.48	81.6
13-5	101498	0600	0.6	26.2	40.94	28.59	7.91	5.34	81.1
13-5	101498	0600	1.0	26.2	40.95	28.58	7.91	5.36	80.3
13-5	101498	1209	0.2	25.6	40.13	28.96	7.93	6.11	93.2
13-5	101498	1210	0.5	25.6	40.20	28.97	7.94	6.25	93.9
13-5	101498	1210	0.8	26.1	40.90	28.97	7.94	6.34	95.7

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
14-1	101498	0608	0.2	25.6	40.16	28.11	7.91	4.97	74.2
14-1	101498	0609	1.0	25.6	40.14	28.13	7.91	4.88	72.4
14-1	101498	0609	1.9	25.6	40.12	28.13	7.91	4.84	72.4
14-1	101498	1142	0.2	25.6	40.16	28.17	7.90	5.19	77.5
14-1	101498	1142	1.0	25.6	40.24	28.19	7.91	5.24	78.4
14-1	101498	1143	1.8	25.9	40.52	28.26	7.88	4.83	72.6
14-2	101498	0615	0.2	25.6	40.13	28.14	7.98	5.19	76.9
14-2	101498	0615	1.0	25.5	40.08	28.21	7.98	5.07	75.6
14-2	101498	0616	1.8	25.5	40.06	28.23	7.98	4.90	73.1
14-2	101498	1122	0.2	25.7	40.28	28.47	7.96	5.61	83.6
14-2	101498	1122	1.0	25.7	40.28	28.47	7.96	5.53	83.2
14-2	101498	1122	1.8	25.7	40.29	28.47	7.96	5.44	81.1
14-3	101498	0626	0.2	25.3	39.78	28.31	8.00	4.60	69.0
14-3	101498	0626	0.7	25.3	39.79	28.34	8.01	4.46	66.7
14-3	101498	0627	1.2	25.4	39.80	28.32	8.00	4.39	64.6
14-3	101498	1103	0.2	25.0	39.22	28.59	8.03	5.18	78.0
14-3	101498	1104	0.7	25.3	39.77	28.57	8.08	5.54	83.1
14-3	101498	1105	1.2	25.4	39.80	28.58	8.09	5.60	84.4
14-4	101498	0637	0.2	25.5	39.97	27.84	8.16	5.95	88.5
14-4	101498	0638	1.0	25.5	40.04	27.85	8.16	5.94	88.4
14-4	101498	0638	1.8	26.2	40.96	28.22	8.09	4.85	71.4
14-4	101498	1047	0.2	26.0	40.69	27.95	8.17	5.85	87.3
14-4	101498	1048	0.9	26.0	40.66	27.96	8.17	5.83	87.1
14-4	101498	1049	1.6	26.8	41.79	28.48	8.11	4.88	73.1
14-5	101498	0648	0.2	27.1	42.20	27.99	8.13	5.42	81.1
14-5	101498	0648	1.0	27.2	43.37	28.03	8.09	5.37	80.0
14-5	101498	0649	1.7	28.0	43.50	28.44	8.06	4.46	67.2
14-5	101498	1026	0.2	27.1	42.20	28.57	8.07	4.44	67.1
14-5	101498	1028	1.0	27.1	42.25	28.61	8.07	4.44	67.8
14-5	101498	1028	1.7	28.3	43.91	28.38	8.09	4.90	76.1

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
16-1	101398	0508	0.2	26.9	41.97	28.32	8.10	5.26	79.3
16-1	101398	0508	0.7	26.9	43.02	28.32	8.09	5.24	79.2
16-1	101398	0509	1.2	28.0	43.54	28.85	8.00	4.29	65.3
16-1	101398	1339	0.2	27.5	42.82	29.64	8.12	7.05	108.0
16-1	101398	1340	0.6	27.5	42.81	29.66	8.13	7.41	113.7
16-1	101398	1340	0.9	27.5	42.87	29.68	8.14	7.45	116.0
16-2	101398	0519	0.3	28.6	44.30	28.16	8.02	5.05	76.1
16-2	101398	1319	0.2	26.6	41.53	29.97	8.18	7.95	123.6
16-3	101398	0526	0.2	28.0	43.56	27.96	8.08	5.81	87.2
16-3	101398	0526	1.0	32.1	49.18	28.91	7.98	4.59	72.2
16-3	101398	0527	2.0	32.4	49.63	28.75	7.98	4.47	70.3
16-3	101398	1305	0.2	28.0	43.45	28.95	8.05	5.68	87.3
16-3	101398	1306	1.0	28.2	43.81	29.01	8.06	5.86	89.1
16-3	101398	1306	1.7	29.1	44.99	28.98	8.09	6.29	96.9
16-4	101398	0537	0.2	29.2	45.12	27.71	8.05	3.25	49.3
16-4	101398	0538	0.5	31.3	48.12	28.45	7.93	2.67	40.4
16-4	101398	0538	0.8	32.1	6.376	29.18	7.88	2.44	36.6
16-4	101398	1245	0.2	30.3	46.67	29.18	8.10	6.52	102.1
16-4	101398	1246	0.4	30.3	46.68	29.18	8.09	6.54	102.2
16-4	101398	1246	0.5	30.3	46.67	29.19	8.10	6.56	102.7
16-5	101398	0549	0.3	33.1	50.54	28.25	8.00	4.97	77.8
16-5	101398	1229	0.2	31.0	47.64	29.05	8.08	6.30	99.0
16-5	101398	1230	0.4	31.0	47.61	29.05	8.08	6.37	99.5
16-5	101398	1230	0.5	31.0	47.61	29.05	8.08	6.36	99.5

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	101398	0627	0.2	26.5	41.39	28.77	7.75	4.66	69.9
LB-1	101398	0628	1.0	26.8	41.90	29.16	7.75	4.51	69.1
LB-1	101398	0628	3.0	26.9	41.98	29.20	7.75	4.52	69.4
LB-1	101398	1121	0.2	24.6	38.75	29.13	7.73	5.27	79.7
LB-1	101398	1122	1.0	25.7	40.30	28.92	7.72	5.12	76.7
LB-1	101398	1123	3.2	26.1	40.90	28.91	7.70	4.70	71.5
LB-2	101398	0638	0.2	24.2	38.15	28.39	7.78	4.73	70.5
LB-2	101398	0638	1.0	24.6	38.78	28.66	7.77	4.97	74.6
LB-2	101398	0639	2.4	25.1	39.47	29.30	7.72	4.80	73.3
LB-2	101398	1100	0.2	24.1	37.96	28.88	7.85	5.62	83.5
LB-2	101398	1101	0.5	24.1	37.99	28.88	7.85	5.56	83.2
LB-2	101398	1101	0.7	24.1	38.02	28.89	7.86	5.57	83.9
LB-3	101398	0646	0.2	23.6	37.36	28.26	7.90	4.67	68.8
LB-3	101398	0646	0.6	23.6	37.33	28.27	7.90	4.66	68.7
LB-3	101398	0646	1.0	23.6	37.36	28.29	7.89	4.48	66.3
LB-3	101398	1046	0.2	23.7	37.49	28.70	7.96	5.80	85.5
LB-3	101398	1046	0.5	23.7	37.51	28.70	7.96	5.75	86.2
LB-3	101398	1047	0.8	23.7	37.50	28.70	7.96	5.68	83.7
LB-4	101398	0654	0.2	24.2	38.13	28.40	8.04	4.42	65.2
LB-4	101398	0655	0.7	24.2	38.12	28.44	8.04	4.22	62.4
LB-4	101398	0655	1.1	24.2	38.11	28.46	8.04	4.14	62.4
LB-4	101398	1031	0.2	24.2	38.14	28.66	8.10	5.88	87.4
LB-4	101398	1032	0.6	24.2	38.11	28.65	8.10	5.90	87.2
LB-4	101398	1033	1.0	24.1	38.11	28.66	8.10	5.90	88.3
LB-5	101398	0703	0.2	27.0	42.10	28.44	8.15	5.87	88.2
LB-5	101398	0703	1.0	27.0	42.10	28.43	8.15	5.92	89.3
LB-5	101398	0704	2.4	27.7	43.04	29.16	8.12	5.41	83.3
LB-5	101398	1013	0.2	26.6	41.61	28.60	8.11	5.74	87.2
LB-5	101398	1014	1.0	26.6	41.55	28.58	8.12	5.75	87.4
LB-5	101398	1014	2.0	27.5	42.76	29.14	8.06	4.51	67.9

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
ML-1	101498	0532	0.2	0.16	.3244	27.14	6.75	3.32	41.7
ML-1	101498	0533	0.7	0.16	.3294	27.18	6.75	3.23	40.7
ML-1	101498	0533	1.2	0.16	.3249	27.19	6.75	3.18	40.0
ML-1	101498	1211	0.2	0.44	.8492	27.51	6.79	4.13	52.0
ML-1	101498	1211	0.5	0.44	.8582	27.52	6.80	3.96	50.3
ML-1	101498	1212	0.8	0.45	.8662	27.50	6.81	3.88	49.0
ML-2	101498	0523	0.2	0.47	.9056	27.22	6.75	3.83	48.5
ML-2	101498	0524	0.7	0.47	.9003	27.22	6.76	3.71	46.9
ML-2	101498	0524	1.1	0.47	.9086	27.21	6.77	3.64	45.9
ML-2	101498	1227	0.2	0.38	.7418	27.65	6.85	4.23	53.6
ML-2	101498	1228	0.8	0.38	.7396	27.60	6.87	4.09	52.0
ML-2	101498	1228	1.3	0.38	.7356	27.52	6.87	3.90	49.5
ML-3	101498	0515	0.2	0.59	1.114	27.26	6.79	4.10	51.9
ML-3	101498	0515	0.6	0.59	1.114	27.27	6.79	3.98	50.2
ML-3	101498	0516	0.9	0.59	1.116	27.26	6.80	3.87	48.9
ML-3	101498	1244	0.2	0.42	.8097	28.02	6.88	4.28	54.8
ML-3	101498	1244	0.8	0.48	.9219	27.75	6.91	4.17	53.4
ML-3	101498	1245	1.4	0.49	.9435	27.61	6.91	4.11	52.3
ML-4	101498	0505	0.2	0.36	.6905	27.43	6.83	4.04	51.1
ML-4	101498	0506	1.0	0.38	.7352	27.28	6.86	3.99	50.4
ML-4	101498	0506	2.1	0.38	.7361	27.25	6.87	3.95	49.9
ML-4	101498	1302	0.2	0.44	.8469	27.95	6.87	4.29	54.9
ML-4	101498	1303	1.0	0.47	.8932	27.83	6.89	4.31	55.0
ML-4	101498	1304	1.9	0.53	1.018	27.79	6.93	4.35	55.5
ML-5	101498	0453	0.3	0.45	.8678	27.47	6.83	4.57	58.0
ML-5	101498	1324	0.2	0.66	1.255	27.79	6.96	5.00	63.7
ML-5	101498	1324	0.5	0.66	1.252	27.79	6.97	4.89	60.8
ML-5	101498	1325	0.7	0.66	1.253	27.78	6.98	4.62	59.0

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
MU-1	101498	0703	0.2	0.09	.1930	26.75	6.52	3.26	40.7
MU-1	101498	0703	0.9	0.09	.1914	26.76	6.56	3.05	38.0
MU-1	101498	0704	1.6	0.09	.1903	26.76	6.59	2.98	37.3
MU-1	101498	1014	0.2	0.13	.2651	27.01	6.47	3.46	43.1
MU-1	101498	1015	0.7	0.10	.2098	26.87	6.48	3.28	41.0
MU-1	101498	1016	1.1	0.09	.1995	26.87	6.51	3.20	40.0
MU-2	101498	0649	0.2	0.10	.2058	26.65	6.56	3.36	42.0
MU-2	101498	0649	1.0	0.09	.2046	26.63	6.59	3.23	40.3
MU-2	101498	0650	1.9	0.09	.2045	26.66	6.61	2.94	36.7
MU-2	101498	1037	0.2	0.10	.2083	26.94	6.58	2.81	35.3
MU-2	101498	1037	1.0	0.09	.2057	26.72	6.60	2.51	31.3
MU-2	101498	1038	1.7	0.10	.2065	26.71	6.61	2.40	30.0
MU-3	101498	0626	0.2	0.10	.2109	26.71	6.62	2.73	32.3
MU-3	101498	0626	0.8	0.10	.2101	26.73	6.64	2.38	29.6
MU-3	101498	0627	1.4	0.10	.2096	26.75	6.65	2.33	29.1
MU-3	101498	1100	0.2	0.10	.2102	26.98	6.55	2.79	35.0
MU-3	101498	1100	0.5	0.10	.2087	26.83	6.54	2.41	30.2
MU-3	101498	1101	0.8	0.10	.2077	26.78	6.56	2.24	28.0
MU-4	101498	0609	0.2	0.13	.2711	26.15	6.66	3.05	37.8
MU-4	101498	0610	0.5	0.13	.2710	26.18	6.66	2.91	36.0
MU-4	101498	0610	0.7	0.13	.2725	26.10	6.62	2.47	30.1
MU-4	101498	1126	0.2	0.10	.2154	26.96	6.60	3.25	40.3
MU-4	101498	1127	0.5	0.10	.2150	26.95	6.63	2.96	37.1
MU-4	101498	1127	0.8	0.10	.2152	26.93	6.64	2.89	36.2
MU-5	101498	0556	0.2	0.10	.2192	26.86	6.61	2.63	33.0
MU-5	101498	0556	0.9	0.10	.2180	26.85	6.64	2.47	31.0
MU-5	101498	0557	1.5	0.10	.2183	26.90	6.67	2.43	30.5
MU-5	101498	1143	0.2	0.12	.2553	27.06	6.63	3.99	49.6
MU-5	101498	1144	0.9	0.12	.2557	27.02	6.65	3.54	43.8
MU-5	101498	1145	1.6	0.12	.2559	27.01	6.67	3.31	41.6

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	101398	0609	27.35306	-82.58167	27.35378	-82.58193	3.7			
10-1	101398	1133	27.35306	-82.58167	27.35368	-82.58170	3.4	2.1	981738	0.66
10-2	101398	0514	27.33944	-82.56750	27.33957	-82.56847	2.5			
10-2	101398	1159	27.33944	-82.56750	27.33900	-82.56707	1.7	1.5	981743	0.63
10-3	101398	0530	27.33083	-82.58472	27.33143	-82.58508	3.5			
10-3	101398	1014	27.33083	-82.58472	27.33027	-82.58483	4.0	2.0	981737	0.60
10-4	101398	0709	27.31194	-82.56528	27.31328	-82.56590	3.9			
10-4	101398	1400	27.31194	-82.56528	27.31130	-82.56515	0.9	>B	981742	0.58
10-5	101398	0654	27.31417	-82.55306	27.31343	-82.55283	4.7			
10-5	101398	1337	27.31417	-82.55306	27.31338	-82.55323	4.6	1.5	981744	0.50
11-1	101398	0600	27.36361	-82.56167	27.36325	-82.56218	3.4			
11-1	101398	1104	27.36361	-82.56167	27.36383	-82.56205	2.9	2.0	981746	0.93
11-2	101398	0551	27.35306	-82.56194	27.35350	-82.56225	3.9			
11-2	101398	1049	27.35306	-82.56194	27.35262	-82.56162	3.4	2.0	981747	0.83
11-3	101398	0621	27.33778	-82.55500	27.33742	-82.55535	4.4			
11-3	101398	1224	27.33778	-82.55500	27.33803	-82.55518	4.0	1.2	981745	0.63
11-4	101398	0633	27.31972	-82.54583	27.31985	-82.54647	2.0			
11-4	101398	1249	27.31972	-82.54583	27.31952	-82.54570	1.3	>B	981739	0.77
11-5	101398	0644	27.31194	-82.54222	27.31152	-82.54302	2.9			
11-5	101398	1312	27.31194	-82.54222	27.31180	-82.54287	2.4	1.3	981741	0.84
13-1	101498	0516	27.29250	-82.55194	27.29263	-82.55188	1.9			
13-1	101498	1330	27.29250	-82.55194	27.29245	-82.55228	1.8	>B	981712	1.14
13-2	101498	0527	27.28556	-82.54444	27.28525	-82.54490	2.1			
13-2	101498	1315	27.28556	-82.54444	27.28585	-82.54458	1.8	1.4	981713	1.05
13-3	101498	0538	27.26583	-82.54194	27.26620	-82.54082	1.9			
13-3	101498	1253	27.26583	-82.54194	27.26592	-82.54065	2.1	1.3	981706	1.50
13-4	101498	0550	27.25694	-82.53222	27.25687	-82.53238	1.3			
13-4	101498	1227	27.25694	-82.53222	27.25703	-82.53208	1.2	>B	981708	1.24
13-5	101498	0559	27.24750	-82.52222	27.24740	-82.52250	1.2			
13-5	101498	1209	27.24750	-82.52222	27.24762	-82.52242	1.0	>B	981704	1.44
14-1	101498	0608	27.23500	-82.52028	27.23517	-82.52035	2.1			
14-1	101498	1142	27.23500	-82.52028	27.23525	-82.52025	2.0	1.0	981707	1.38
14-2	101498	0615	27.22639	-82.51333	27.22643	-82.51350	2.0			
14-2	101498	1122	27.22639	-82.51333	27.22655	-82.51372	2.0	1.5	981714	1.26
14-3	101498	0626	27.21750	-82.50278	27.21747	-82.50248	1.4			
14-3	101498	1103	27.21750	-82.50278	27.21730	-82.50267	1.4	>B	981709	1.25
14-4	101498	0637	27.19861	-82.50222	27.19862	-82.50243	2.0			
14-4	101498	1047	27.19861	-82.50222	27.19867	-82.50240	1.8	>B	981705	1.10
14-5	101498	0648	27.19000	-82.49444	27.18975	-82.49447	1.9			
14-5	101498	1026	27.19000	-82.49444	27.19002	-82.49417	1.9	1.5	981711	0.91
16-1	101398	0508	27.17194	-82.49250	27.17197	-82.49285	1.4			
16-1	101398	1339	27.17194	-82.49250	27.17177	-82.49242	1.1	>B	981718	1.31

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
16-2	101398	0519	27.16167	-82.48611	27.16160	-82.48448	0.5			
16-2	101398	1319	27.16167	-82.48611	27.16140	-82.48497	0.4	>B	981719	1.41
16-3	101398	0526	27.15306	-82.48028	27.15290	-82.47997	2.2			
16-3	101398	1305	27.15306	-82.48028	27.15297	-82.48025	1.9	1.5	981724	1.16
16-4	101398	0537	27.14333	-82.47528	27.14360	-82.47523	1.0			
16-4	101398	1245	27.14333	-82.47528	27.14347	-82.47532	0.7	>B	981716	1.67
16-5	101398	0549	27.13417	-82.47083	27.13420	-82.47065	0.5			
16-5	101398	1229	27.13417	-82.47083	27.13450	-82.47060	0.7	>B	981721	2.35
LB-1	101398	0627	27.04472	-82.43222	27.04440	-82.43242	3.2			
LB-1	101398	1121	27.04472	-82.43222	27.04478	-82.43232	3.4	1.0	981720	2.05
LB-2	101398	0638	27.01556	-82.41306	27.01517	-82.41302	2.6			
LB-2	101398	1100	27.01556	-82.41306	27.01575	-82.41312	0.9	>B	981715	1.66
LB-3	101398	0646	27.00139	-82.40556	27.00132	-82.40557	1.2			
LB-3	101398	1046	27.00139	-82.40556	27.00138	-82.40562	1.0	>B	981723	2.15
LB-4	101398	0654	26.98139	-82.38917	26.98117	-82.38927	1.3			
LB-4	101398	1031	26.98139	-82.38917	26.98128	-82.38958	1.2	>B	981725	1.80
LB-5	101398	0703	26.95139	-82.36583	26.95133	-82.36583	2.6			
LB-5	101398	1013	26.95139	-82.36583	26.95143	-82.36607	2.2	1.2	981717	1.20
ML-1	101498	0532	27.03917	-82.28333	27.03853	-82.28285	1.4			
ML-1	101498	1211	27.03917	-82.28333	27.03897	-82.27327	1.0	0.4	981730	5.65
ML-2	101498	0523	27.03278	-82.27806	27.03262	-82.27830	1.3			
ML-2	101498	1227	27.03278	-82.27806	27.03270	-82.27808	1.5	0.5	981726	5.35
ML-3	101498	0515	27.03083	-82.27111	27.03078	-82.27115	1.1			
ML-3	101498	1244	27.03083	-82.27111	27.03042	-82.27082	1.6	0.4	981728	5.36
ML-4	101498	0505	27.02333	-82.27472	27.02258	-82.27523	2.3			
ML-4	101498	1302	27.02333	-82.27472	27.02382	-82.27480	2.1	0.4	981733	5.13
ML-5	101498	0453	27.01056	-82.26861	27.01040	-82.26902	0.6			
ML-5	101498	1324	27.01056	-82.26861	27.01002	-82.26910	0.9	0.4	981735	5.51
MU-1	101498	0703	27.09528	-82.32972	27.09510	-82.32962	1.8			
MU-1	101498	1014	27.09528	-82.32972	27.09572	-82.32960	1.3	0.4	981727	5.91
MU-2	101498	0649	27.08722	-82.32361	27.08750	-82.32390	2.1			
MU-2	101498	1037	27.08722	-82.32361	27.08783	-82.32367	1.9	0.4	981736	5.81
MU-3	101498	0626	27.07389	-82.31667	27.07337	-82.31633	1.6			
MU-3	101498	1100	27.07389	-82.31667	27.07435	-82.31660	1.0	0.5	981731	5.23
MU-4	101498	0609	27.06028	-82.30722	27.06030	-82.30727	0.9			
MU-4	101498	1126	27.06028	-82.30722	27.06067	-82.30680	1.0	0.5	981732	5.20
MU-5	101498	0556	27.05306	-82.29472	27.05325	-82.29405	1.7			
MU-5	101498	1143	27.05306	-82.29472	27.05350	-82.29433	1.8	0.4	981729	5.47

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	1.0M	1133	981738	10/13/1998	U0.005	U0.005	U0.005	0.18	0.18	0.017	0.07	0.9	2	1.1	9	8.34	3.0	0.6	32.3
10-2	MID	1158	981743	10/13/1998	U0.005	U0.005	U0.005	0.15	0.15	0.012	0.07	1.4	4	2.2	7	8.31	4.8	U0.5	32.6
10-3	1.0M	1014	981737	10/13/1998	0.007	0.007	U0.005	0.17	0.17	0.013	0.08	0.8	5	2.3	7	8.28	4.9	U0.5	32.7
10-4	MID	1359	981742	10/13/1998	0.019	U0.005	U0.005	0.16	0.16	0.011	0.07	1.1	9	3.5	11	8.38	4.5	1.8	32.6
10-4 REP	MID	1412	981740	10/13/1998	0.010	U0.005	U0.005	0.16	0.16	0.012	0.08	1.2	5	3.4	10	8.36	4.5	1.4	NA
10-5	1.0M	1336	981744	10/13/1998	U0.005	U0.005	U0.005	0.10	0.10	0.020	0.08	1.1	5	2.7	10	8.27	4.1	2.4	31.6
11-1	1.0M	1103	981746	10/13/1998	0.006	U0.005	U0.005	0.20	0.20	0.015	0.08	1.4	8	2.1	10	8.36	3.6	3.0	32.0
11-2	1.0M	1049	981747	10/13/1998	0.009	U0.005	U0.005	0.15	0.15	0.013	0.07	0.7	4	2.5	9	8.30	4.7	1.0	32.3
11-3	1.0M	1223	981745	10/13/1998	0.006	U0.005	U0.005	0.13	0.13	0.017	0.08	1.2	5	3.2	10	8.32	3.4	5.8	32.4
11-4	MID	1248	981739	10/13/1998	0.014	U0.005	U0.005	0.20	0.20	0.017	0.09	1.1	4	3.1	10	8.34	4.4	3.7	32.3
11-5	1.0M	1312	981741	10/13/1998	0.007	U0.005	U0.005	0.25	0.25	0.028	0.11	1.4	5	3.2	12	8.23	4.5	4.1	30.1
13-1	MID	1329	981712	10/14/1998	U0.005	U0.005	U0.005	0.19	0.19	0.038	0.12	1.5	3	2.8	15	8.24	6.7	1.6	29.1
13-1 REP	MID	1339	981710	10/14/1998	U0.005	U0.005	0.005	0.26	0.27	0.039	0.11	1.3	4	2.8	20	8.24	7.9	1.2	NA
13-2	MID	1314	981713	10/14/1998	0.007	0.010	0.013	0.30	0.31	0.055	0.15	1.4	6	4.8	22	7.99	10.3	3.4	27.5
13-3	1.0M	1252	981706	10/14/1998	U0.005	0.008	0.012	0.28	0.29	0.053	0.15	1.5	9	5.0	22	8.00	10.9	3.8	26.7
13-4	MID	1227	981708	10/14/1998	0.026	0.014	0.019	0.28	0.30	0.063	0.15	1.0	6	4.7	23	7.95	5.3	3.7	25.8
13-5	MID	1211	981704	10/14/1998	U0.005	U0.005	0.006	0.30	0.31	0.054	0.16	1.7	9	5.6	28	8.02	11.8	3.3	25.6
14-1	MID	1143	981707	10/14/1998	U0.005	U0.005	0.006	0.29	0.30	0.052	0.16	1.6	8	6.7	28	7.99	12.4	4.3	25.6
14-2	MID	1122	981714	10/14/1998	U0.005	U0.005	U0.005	0.64	0.64	0.057	0.17	1.6	5	4.5	23	8.04	8.9	3.0	25.7
14-3	MID	1104	981709	10/14/1998	U0.005	U0.005	0.006	0.33	0.34	0.057	0.15	1.8	5	3.7	28	8.12	8.7	2.7	25.0
14-4	MID	1047	981705	10/14/1998	U0.005	U0.005	0.006	0.36	0.37	0.041	0.13	1.5	5	4.3	25	8.21	10.6	2.4	26.0
14-5	MID	1026	981711	10/14/1998	U0.005	U0.005	0.005	0.27	0.28	0.042	0.12	1.7	4	3.3	22	8.15	9.1	2.3	27.1

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	MID	1337	981718	10/13/1998	U0.005	U0.005	U0.005	0.49	0.49	0.037	0.16	2.0	7	3.4	25	8.35	11.0	2.3	27.5
16-1 REP	MID	1342	981722	10/13/1998	U0.005	U0.005	U0.005	0.42	0.42	0.036	0.14	2.2	5	3.6	23	8.31	10.8	1.8	NA
16-2	MID	1317	981719	10/13/1998	U0.005	0.007	0.008	0.40	0.41	0.045	0.17	1.6	8	3.5	36	8.37	10.0	2.8	26.6
16-3	1.0M	1304	981724	10/13/1998	U0.005	U0.005	U0.005	0.42	0.42	0.037	0.15	1.6	4	3.1	22	8.24	9.1	1.7	28.0
16-4	MID	1244	981716	10/13/1998	U0.005	U0.005	U0.005	0.25	0.25	0.026	0.17	1.4	9	4.2	21	8.31	8.4	2.1	30.3
16-5	MID	1228	981721	10/13/1998	U0.005	U0.005	U0.005	0.28	0.28	0.024	0.15	1.3	13	5.5	21	8.30	9.2	2.4	31.0
LB-1	1.0M	1120	981720	10/13/1998	U0.005	0.009	0.011	0.49	0.50	0.087	0.25	1.6	7	4.3	55	7.98	18.1	5.9	24.6
LB-2	MID	1059	981715	10/13/1998	U0.005	U0.005	U0.005	0.48	0.48	0.092	0.29	2.0	11	5.6	55	8.08	21.3	13.5	24.1
LB-3	MID	1045	981723	10/13/1998	U0.005	U0.005	U0.005	0.60	0.60	0.080	0.33	2.7	16	7.1	55	8.28	27.0	9.1	23.7
LB-4	MID	1030	981725	10/13/1998	U0.005	U0.005	U0.005	0.46	0.46	0.075	0.27	2.1	12	5.3	40	8.27	17.6	6.7	24.2
LB-5	1.0M	1011	981717	10/13/1998	U0.005	U0.005	U0.005	0.44	0.44	0.045	0.17	1.7	10	4.0	27	8.33	11.8	3.1	26.6
ML-1	MID	1209	981730	10/14/1998	0.120	0.072	0.070	1.21	1.28	0.406	0.52	1.9	U2	1.8	320	6.72	1.8	U0.5	0.44
ML-2	MID	1227	981726	10/14/1998	0.116	0.073	0.073	1.24	1.31	0.397	0.47	1.5	U2	1.8	280	6.74	1.6	U0.5	0.38
ML-3	MID	1243	981728	10/14/1998	0.112	0.077	0.075	1.18	1.25	0.399	0.48	2.2	U2	2.0	280	6.77	2.4	1.0	0.42
ML-4	1.0M	1302	981733	10/14/1998	0.116	0.082	0.075	1.17	1.24	0.404	0.53	2.0	2	2.3	320	6.78	2.5	U0.5	0.44
ML-5	MID	1325	981735	10/14/1998	0.112	0.087	0.079	1.21	1.29	0.405	0.54	1.8	2	2.5	300	6.74	3.4	1.8	0.66
ML-5 REP	MID	1331	981734	10/14/1998	0.113	0.086	0.078	1.18	1.26	0.398	0.54	2.0	2	2.7	280	6.81	4.1	1.4	NA
MU-1	MID	1014	981727	10/14/1998	0.101	0.039	0.038	1.36	1.40	0.440	0.53	2.0	2	1.5	300	6.52	3.2	0.8	0.13
MU-2	MID	1036	981736	10/14/1998	0.114	0.044	0.038	1.35	1.39	0.437	0.59	2.1	U2	1.3	280	5.68	3.5	0.6	0.10
MU-3	MID	1059	981731	10/14/1998	0.133	0.044	0.045	1.49	1.54	0.439	0.62	1.7	U2	1.0	320	6.48	1.3	0.7	0.10
MU-4	MID	1125	981732	10/14/1998	0.121	0.055	0.055	1.26	1.32	0.441	0.57	1.1	U2	1.1	300	6.63	1.1	U0.5	0.10
MU-5	MID	1143	981729	10/14/1998	0.119	0.056	0.055	1.38	1.43	0.422	0.52	1.9	U2	1.1	280	5.79	U0.5	0.7	0.12
EQP BLK		0830	981748	10/14/1998	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.58	U0.5	U0.5	NA
EQP BLK		0800	981749	10/14/1998	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	4.08	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring

Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rainfall		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)	
			Begin (EST)	End (EST)	No	Yes	Min	Max					
101398	AM	10	0514	0709	0		20	- 45	24	40 - 120	5	<0.5 -	1.0
101398	PM	10	1014	1400	0		30	- 75		60 - 270	5 - 10	<0.5 -	1.0
101398	AM	11	0551	0644	0		15	- 35		60 - 110	5 - 10	<0.5 -	0.5
101398	PM	11	1049	1312	0		10	- 70		30 - 270	5 - 10	<0.5	
101398	AM	16	0508	0549	0		0	- 10	26	60	5	<0.5	
101398	PM	16	1229	1339	0		70	- 75		80	5	<0.5	
101398	AM	LB	0627	0703	0		10			0 - 60	5	<0.5 -	0.5
101398	PM	LB	1013	1121	0		75	- 90	27	80	5	<0.5 -	0.5
101498	AM	13	0516	0559	0		0	- 50	26	90	5	<0.5 -	0.5
101498	PM	13	1209	1330	0		80	- 85		120 - 160	5	<0.5 -	0.5
101498	AM	14	0608	0648	0		50	- 80		90	5	<0.5 -	0.5
101498	PM	14	1026	1142	0		50	- 100	28	120 - 130	5 - 10	<0.5 -	0.5
101498	AM	ML	0453	0532	0		25	- 35	24	-	<5	<0.5	
101498	PM	ML	1211	1324	0		95	- 100		204	5	<0.5	
101498	AM	MU	0556	0703	0		40	- 75		-	<5	<0.5 -	0.5
101498	PM	MU	1014	1143	0		100		25	204	<5 - 5	<0.5	

Hydrolab Minisonde Continuous Deployment at Station MU-1
October 14-15, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU_1	101498	0830	27.03	6.62	181	0.09	35.9	2.9
MU_1	101498	0845	27.04	6.59	181	0.09	35.1	2.8
MU_1	101498	0900	27.05	6.57	181	0.09	34.9	2.8
MU_1	101498	0915	27.06	6.56	181	0.09	34.7	2.8
MU_1	101498	0930	27.07	6.56	181	0.09	34.6	2.8
MU_1	101498	0945	27.09	6.55	181	0.09	34.6	2.8
MU_1	101498	1000	27.10	6.55	180	0.09	34.5	2.7
MU_1	101498	1015	27.12	6.54	181	0.09	34.3	2.7
MU_1	101498	1030	27.13	6.54	181	0.09	34.3	2.7
MU_1	101498	1045	27.14	6.54	181	0.09	34.0	2.7
MU_1	101498	1100	27.15	6.53	181	0.09	34.0	2.7
MU_1	101498	1115	27.16	6.53	181	0.09	33.9	2.7
MU_1	101498	1130	27.17	6.53	181	0.09	33.8	2.7
MU_1	101498	1145	27.18	6.52	181	0.09	33.7	2.7
MU_1	101498	1200	27.20	6.52	181	0.09	33.5	2.7
MU_1	101498	1215	27.21	6.52	180	0.09	33.4	2.7
MU_1	101498	1230	27.23	6.52	180	0.09	33.5	2.7
MU_1	101498	1245	27.26	6.52	180	0.09	33.5	2.7
MU_1	101498	1300	27.34	6.52	180	0.09	33.8	2.7
MU_1	101498	1315	27.37	6.52	180	0.09	34.0	2.7
MU_1	101498	1330	27.42	6.52	181	0.09	34.2	2.7
MU_1	101498	1345	27.49	6.52	181	0.09	33.9	2.7
MU_1	101498	1400	27.52	6.52	181	0.09	33.9	2.7
MU_1	101498	1415	27.56	6.52	181	0.09	34.1	2.7
MU_1	101498	1430	27.43	6.48	182	0.09	28.4	2.2
MU_1	101498	1445	27.58	6.51	182	0.09	32.8	2.6
MU_1	101498	1500	27.56	6.49	183	0.09	31.7	2.5
MU_1	101498	1515	27.55	6.50	183	0.09	32.2	2.5
MU_1	101498	1530	27.59	6.52	184	0.09	33.2	2.6
MU_1	101498	1545	27.49	6.50	184	0.09	31.3	2.5
MU_1	101498	1600	27.58	6.52	184	0.09	33.1	2.6
MU_1	101498	1615	27.57	6.52	184	0.09	33.3	2.6
MU_1	101498	1630	27.56	6.52	184	0.09	33.2	2.6
MU_1	101498	1645	27.55	6.53	184	0.09	33.3	2.6

Hydrolab Minisonde Continuous Deployment at Station MU-1
October 14-15, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU_1	101498	1700	27.54	6.53	184	0.09	33.6	2.7
MU_1	101498	1715	27.52	6.53	184	0.09	34.0	2.7
MU_1	101498	1730	27.51	6.53	184	0.09	34.3	2.7
MU_1	101498	1745	27.49	6.53	184	0.09	34.6	2.7
MU_1	101498	1800	27.47	6.54	184	0.09	34.9	2.8
MU_1	101498	1815	27.45	6.54	184	0.09	35.0	2.8
MU_1	101498	1830	27.43	6.54	184	0.09	35.3	2.8
MU_1	101498	1845	27.40	6.54	184	0.09	35.4	2.8
MU_1	101498	1900	27.38	6.54	184	0.09	35.6	2.8
MU_1	101498	1915	27.36	6.54	184	0.09	35.8	2.8
MU_1	101498	1930	27.34	6.54	184	0.09	36.0	2.9
MU_1	101498	1945	27.32	6.54	184	0.09	36.2	2.9
MU_1	101498	2000	27.31	6.54	184	0.09	36.3	2.9
MU_1	101498	2015	27.30	6.54	184	0.09	36.4	2.9
MU_1	101498	2030	27.28	6.54	184	0.09	36.5	2.9
MU_1	101498	2045	27.26	6.54	185	0.09	36.6	2.9
MU_1	101498	2100	27.25	6.54	185	0.09	36.7	2.9
MU_1	101498	2115	27.22	6.54	185	0.09	36.7	2.9
MU_1	101498	2130	27.20	6.54	185	0.09	36.6	2.9
MU_1	101498	2145	27.17	6.53	185	0.09	36.6	2.9
MU_1	101498	2200	27.15	6.53	185	0.09	36.4	2.9
MU_1	101498	2215	27.13	6.53	186	0.09	36.1	2.9
MU_1	101498	2230	27.11	6.53	186	0.09	35.9	2.9
MU_1	101498	2245	27.09	6.53	186	0.09	35.8	2.9
MU_1	101498	2300	27.07	6.52	186	0.09	35.7	2.8
MU_1	101498	2315	27.05	6.52	186	0.09	35.6	2.8
MU_1	101498	2330	27.03	6.52	186	0.09	35.4	2.8
MU_1	101498	2345	27.00	6.52	186	0.09	35.4	2.8
MU_1	101498	2400	26.98	6.52	186	0.09	35.3	2.8
MU_1	101498	2415	26.97	6.52	186	0.09	35.1	2.8
MU_1	101498	2430	26.94	6.52	186	0.09	35.0	2.8
MU_1	101498	2445	26.92	6.52	186	0.09	34.9	2.8
MU_1	101598	0100	26.89	6.52	186	0.09	34.7	2.8
MU_1	101598	0115	26.88	6.52	186	0.09	34.6	2.8
MU_1	101598	0130	26.86	6.51	186	0.09	34.3	2.7

Hydrolab Minisonde Continuous Deployment at Station MU-1
October 14-15, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU_1	101598	0145	26.84	6.51	186	0.09	34.1	2.7
MU_1	101598	0200	26.83	6.51	186	0.09	34.0	2.7
MU_1	101598	0215	26.81	6.51	186	0.09	33.8	2.7
MU_1	101598	0230	26.79	6.51	187	0.09	33.7	2.7
MU_1	101598	0245	26.75	6.51	187	0.09	33.8	2.7
MU_1	101598	0300	26.74	6.51	187	0.09	33.7	2.7
MU_1	101598	0315	26.72	6.51	187	0.09	33.6	2.7
MU_1	101598	0330	26.59	6.51	187	0.09	33.3	2.7
MU_1	101598	0345	26.56	6.51	187	0.09	32.8	2.6
MU_1	101598	0400	26.51	6.50	187	0.09	31.6	2.5
MU_1	101598	0415	26.43	6.50	187	0.09	31.5	2.5
MU_1	101598	0430	26.34	6.49	187	0.09	30.6	2.5
MU_1	101598	0445	26.42	6.50	187	0.09	31.7	2.6
MU_1	101598	0500	26.46	6.51	188	0.09	32.6	2.6
MU_1	101598	0515	26.49	6.52	188	0.09	33.6	2.7
MU_1	101598	0530	26.43	6.51	188	0.09	32.9	2.7
MU_1	101598	0545	26.45	6.52	189	0.09	33.9	2.7
MU_1	101598	0600	26.43	6.53	189	0.09	34.1	2.7
MU_1	101598	0615	26.40	6.53	189	0.09	34.2	2.8
MU_1	101598	0630	26.39	6.53	189	0.09	34.4	2.8
MU_1	101598	0645	26.38	6.53	189	0.09	34.7	2.8
MU_1	101598	0700	26.37	6.53	189	0.09	35.2	2.8
MU_1	101598	0715	26.36	6.54	188	0.09	35.7	2.9
MU_1	101598	0730	26.36	6.54	188	0.09	36.2	2.9
MU_1	101598	0745	26.37	6.54	187	0.09	36.8	3.0
MU_1	101598	0800	26.37	6.54	186	0.09	37.0	3.0
MU_1	101598	0815	26.38	6.54	185	0.09	37.3	3.0
MU_1	101598	0830	26.40	6.54	186	0.09	37.6	3.0
MU_1	101598	0845	26.41	6.54	185	0.09	37.9	3.1
MU_1	101598	0900	26.43	6.54	185	0.09	38.1	3.1
MU_1	101598	0915	26.46	6.54	185	0.09	38.2	3.1
MU_1	101598	0930	26.49	6.54	185	0.09	38.5	3.1
MU_1	101598	0945	26.52	6.54	185	0.09	38.5	3.1
MU_1	101598	1000	26.54	6.54	185	0.09	38.5	3.1
MU_1	101598	1015	26.57	6.54	185	0.09	38.6	3.1

**Hydrolab Minisonde Continuous Deployment at Station MU-1
 October 14-15, 1998
 Mote Marine Laboratory**

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU_1	101598	1030	26.58	6.54	185	0.09	38.6	3.1
MU_1	101598	1045	26.62	6.54	185	0.09	38.6	3.1

Hydrolab DS3 Continuous Deployment at Station MU-2

October 14-15, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-2	101498	0830	26.73	6.49	242	0.10	34.9	2.8
MU-2	101498	0845	26.75	6.50	242	0.10	34.5	2.8
MU-2	101498	0900	26.73	6.50	243	0.10	34.4	2.8
MU-2	101498	0915	26.79	6.50	242	0.10	34.2	2.7
MU-2	101498	0930	26.81	6.50	242	0.10	34.0	2.7
MU-2	101498	0945	26.81	6.49	242	0.10	33.4	2.7
MU-2	101498	1000	26.81	6.50	242	0.10	33.3	2.7
MU-2	101498	1015	26.84	6.50	242	0.10	33.0	2.6
MU-2	101498	1030	26.83	6.50	242	0.10	32.8	2.6
MU-2	101498	1045	26.83	6.50	242	0.10	31.7	2.5
MU-2	101498	1100	26.83	6.50	242	0.10	31.7	2.5
MU-2	101498	1115	26.85	6.50	243	0.10	30.3	2.4
MU-2	101498	1130	26.85	6.50	243	0.10	31.4	2.5
MU-2	101498	1145	26.85	6.49	243	0.10	31.5	2.5
MU-2	101498	1200	26.85	6.49	243	0.10	31.2	2.5
MU-2	101498	1215	26.87	6.49	243	0.10	31.8	2.5
MU-2	101498	1230	26.89	6.49	243	0.10	31.7	2.5
MU-2	101498	1245	26.90	6.49	242	0.10	32.3	2.6
MU-2	101498	1300	26.96	6.49	241	0.10	33.1	2.6
MU-2	101498	1315	27.06	6.49	240	0.10	34.4	2.7
MU-2	101498	1330	27.11	6.49	240	0.10	34.4	2.7
MU-2	101498	1345	27.29	6.50	240	0.10	35.9	2.8
MU-2	101498	1400	27.32	6.50	239	0.10	36.7	2.9
MU-2	101498	1415	27.34	6.50	239	0.10	36.7	2.9
MU-2	101498	1430	27.40	6.50	241	0.10	37.0	2.9
MU-2	101498	1445	27.44	6.51	242	0.10	37.1	2.9
MU-2	101498	1500	27.49	6.51	246	0.10	37.1	2.9
MU-2	101498	1515	27.48	6.52	250	0.10	37.1	2.9
MU-2	101498	1530	27.50	6.52	247	0.10	37.2	2.9
MU-2	101498	1545	27.51	6.50	243	0.10	37.4	3.0
MU-2	101498	1600	27.53	6.49	241	0.10	37.5	3.0
MU-2	101498	1615	27.54	6.49	240	0.10	37.6	3.0
MU-2	101498	1630	27.53	6.49	239	0.10	37.5	3.0
MU-2	101498	1645	27.53	6.49	240	0.10	37.4	3.0

Hydrolab DS3 Continuous Deployment at Station MU-2

October 14-15, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-2	101498	1700	27.53	6.49	240	0.10	37.1	2.9
MU-2	101498	1715	27.51	6.49	241	0.10	37.0	2.9
MU-2	101498	1730	27.50	6.49	242	0.10	36.8	2.9
MU-2	101498	1745	27.46	6.49	243	0.10	36.8	2.9
MU-2	101498	1800	27.44	6.49	244	0.10	36.7	2.9
MU-2	101498	1815	27.40	6.50	244	0.10	36.7	2.9
MU-2	101498	1830	27.36	6.50	244	0.10	36.6	2.9
MU-2	101498	1845	27.34	6.50	245	0.10	36.9	2.9
MU-2	101498	1900	27.30	6.50	245	0.10	36.8	2.9
MU-2	101498	1915	27.27	6.51	245	0.10	37.3	3.0
MU-2	101498	1930	27.25	6.51	245	0.10	37.5	3.0
MU-2	101498	1945	27.21	6.51	245	0.10	37.7	3.0
MU-2	101498	2000	27.19	6.52	245	0.10	38.0	3.0
MU-2	101498	2015	27.17	6.52	245	0.10	38.3	3.0
MU-2	101498	2030	27.13	6.51	245	0.10	38.5	3.1
MU-2	101498	2045	27.09	6.52	245	0.10	38.6	3.1
MU-2	101498	2100	27.08	6.52	245	0.10	38.7	3.1
MU-2	101498	2115	27.06	6.52	245	0.10	38.7	3.1
MU-2	101498	2130	27.04	6.52	245	0.10	38.5	3.1
MU-2	101498	2145	27.00	6.52	245	0.10	38.1	3.0
MU-2	101498	2200	27.00	6.52	245	0.10	37.7	3.0
MU-2	101498	2215	26.98	6.52	244	0.10	36.7	2.9
MU-2	101498	2230	26.94	6.52	244	0.10	36.5	2.9
MU-2	101498	2245	26.92	6.53	243	0.10	35.8	2.9
MU-2	101498	2300	26.90	6.52	243	0.10	34.8	2.8
MU-2	101498	2315	26.83	6.53	244	0.10	33.5	2.7
MU-2	101498	2330	26.71	6.53	244	0.10	31.0	2.5
MU-2	101498	2345	26.89	6.52	243	0.10	31.9	2.6
MU-2	101598	0000	26.87	6.52	243	0.10	32.6	2.6
MU-2	101598	0015	26.85	6.52	243	0.10	31.5	2.5
MU-2	101598	0030	26.83	6.52	243	0.10	31.7	2.5
MU-2	101598	0045	26.83	6.52	243	0.10	31.6	2.5
MU-2	101598	0100	26.81	6.52	243	0.10	32.2	2.6
MU-2	101598	0115	26.81	6.52	243	0.10	32.3	2.6

Hydrolab DS3 Continuous Deployment at Station MU-2

October 14-15, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-2	101598	0130	26.81	6.52	243	0.10	32.4	2.6
MU-2	101598	0145	26.81	6.52	243	0.10	33.8	2.7
MU-2	101598	0200	26.78	6.52	243	0.10	32.5	2.6
MU-2	101598	0215	26.77	6.52	243	0.10	33.5	2.7
MU-2	101598	0230	26.73	6.52	243	0.10	34.5	2.8
MU-2	101598	0245	26.70	6.52	243	0.10	35.0	2.8
MU-2	101598	0300	26.70	6.52	243	0.10	34.2	2.7
MU-2	101598	0315	26.68	6.51	242	0.10	35.1	2.8
MU-2	101598	0330	26.66	6.51	242	0.10	34.8	2.8
MU-2	101598	0345	26.64	6.51	242	0.10	34.6	2.8
MU-2	101598	0400	26.62	6.51	243	0.10	34.8	2.8
MU-2	101598	0415	26.60	6.52	245	0.10	34.5	2.8
MU-2	101598	0430	26.56	6.52	247	0.10	34.7	2.8
MU-2	101598	0445	26.53	6.52	250	0.10	34.4	2.8
MU-2	101598	0500	26.49	6.52	252	0.10	34.3	2.8
MU-2	101598	0515	26.45	6.52	250	0.10	34.3	2.8
MU-2	101598	0530	26.41	6.51	248	0.10	34.5	2.8
MU-2	101598	0545	26.39	6.51	247	0.10	34.5	2.8
MU-2	101598	0600	26.36	6.50	246	0.10	34.8	2.8
MU-2	101598	0615	26.32	6.50	246	0.10	34.3	2.8
MU-2	101598	0630	26.28	6.50	247	0.10	34.9	2.8
MU-2	101598	0645	26.24	6.51	246	0.10	34.5	2.8
MU-2	101598	0700	26.21	6.51	247	0.10	34.7	2.8
MU-2	101598	0715	26.19	6.51	248	0.10	35.0	2.8
MU-2	101598	0730	26.15	6.51	249	0.10	35.1	2.8
MU-2	101598	0745	26.15	6.51	249	0.10	35.1	2.8
MU-2	101598	0800	26.13	6.52	249	0.10	35.3	2.9
MU-2	101598	0815	26.11	6.52	250	0.10	35.4	2.9
MU-2	101598	0830	26.13	6.52	250	0.10	35.8	2.9
MU-2	101598	0845	26.15	6.52	249	0.10	36.3	2.9
MU-2	101598	0900	26.17	6.52	250	0.10	36.3	2.9
MU-2	101598	0915	26.21	6.53	249	0.10	36.7	3.0
MU-2	101598	0930	26.24	6.53	249	0.10	36.8	3.0
MU-2	101598	0945	26.28	6.53	249	0.10	36.4	2.9

Hydrolab DS3 Continuous Deployment at Station MU-2
October 14-15, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-2	101598	1000	26.28	6.53	249	0.10	35.1	2.8
MU-2	101598	1015	26.37	6.54	248	0.10	31.0	2.5
MU-2	101598	1030	26.43	6.54	249	0.10	32.6	2.6

**Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles**

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
10-1	111898	0618	0.2	33.7	51.25	24.68	8.09	5.81	85.5
10-1	111898	0619	1.0	33.7	51.27	24.70	8.09	5.87	86.7
10-1	111898	0619	3.1	33.7	51.23	24.71	8.09	5.81	85.8
10-1	111898	1054	0.2	33.6	51.18	25.53	8.08	6.51	97.7
10-1	111898	1055	1.0	33.6	51.22	24.84	8.10	6.74	99.4
10-1	111898	1057	3.3	33.6	51.21	24.78	8.11	6.44	96.1
10-2	111898	0626	0.2	33.7	51.34	24.71	8.05	6.05	89.3
10-2	111898	0627	0.9	33.7	51.33	24.72	8.06	5.94	86.3
10-2	111898	0628	1.5	33.7	51.31	24.72	8.05	6.01	88.0
10-2	111898	1037	0.2	33.8	51.51	24.90	8.08	6.47	95.9
10-2	111898	1038	1.0	33.8	51.49	24.81	8.08	6.48	96.3
10-2	111898	1039	1.8	33.8	51.47	24.81	8.08	6.50	96.6
10-3	111898	0643	0.2	33.7	51.34	24.60	8.10	6.27	92.4
10-3	111898	0644	1.0	33.7	51.35	24.60	8.10	6.31	92.8
10-3	111898	0644	2.0	33.7	51.34	24.63	8.10	6.39	92.2
10-3	111898	1019	0.2	34.3	52.17	24.18	7.98	5.26	77.8
10-3	111898	1020	0.6	34.4	52.22	24.18	7.99	5.22	76.7
10-3	111898	1021	1.0	34.4	52.25	24.18	7.99	5.33	78.2
10-4	111898	0752	0.2	33.9	51.62	25.00	8.07	4.94	73.5
10-4	111898	0753	1.0	33.9	51.62	24.98	8.05	4.29	64.5
10-4	111898	0754	4.1	33.9	51.61	24.74	8.01	3.71	54.7
10-4	111898	1354	0.2	34.0	51.68	26.42	8.14	7.09	107.1
10-4	111898	1355	0.8	33.9	51.61	26.10	8.11	6.85	103.9
10-4	111898	1356	1.3	33.9	51.65	25.48	8.11	6.71	101.4
10-5	111898	0725	0.2	32.7	50.07	24.76	7.96	5.33	78.7
10-5	111898	0726	0.8	33.6	51.12	24.71	7.97	5.22	76.4
10-5	111898	0727	1.3	33.6	51.09	24.87	8.00	5.55	81.6
10-5	111898	1319	0.2	34.5	52.41	25.54	8.10	7.52	113.5
10-5	111898	1320	0.7	34.6	52.62	24.91	8.05	6.84	102.0
10-5	111898	1321	1.2	34.6	52.49	25.04	8.09	7.16	107.7

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
11-1	111898	0607	0.2	33.5	51.07	24.92	8.07	6.01	89.0
11-1	111898	0607	1.0	33.5	51.05	24.92	8.07	6.08	90.1
11-1	111898	0608	3.2	33.5	51.01	24.92	8.08	6.36	93.4
11-1	111898	1126	0.2	33.6	51.26	25.30	8.07	6.46	96.5
11-1	111898	1126	1.0	33.7	51.29	25.08	8.07	6.49	95.9
11-1	111898	1128	3.6	33.7	51.27	25.03	8.07	6.47	96.1
11-2	111898	0556	0.2	33.6	51.14	25.06	7.99	5.80	86.0
11-2	111898	0556	1.0	33.6	51.13	25.08	7.99	5.87	86.6
11-2	111898	0557	2.7	33.5	51.09	25.08	7.99	5.99	88.6
11-2	111898	1149	0.2	33.5	51.03	25.45	8.05	6.47	95.9
11-2	111898	1150	1.0	33.6	51.16	25.19	8.06	6.52	96.6
11-2	111898	1151	3.2	33.6	51.25	25.16	8.07	6.52	97.2
11-3	111898	0544	0.2	33.6	51.12	24.83	7.93	6.01	88.7
11-3	111898	0544	1.0	33.6	51.17	24.85	7.94	6.05	89.3
11-3	111898	0545	2.2	33.6	51.18	24.85	7.96	6.09	90.1
11-3	111898	1212	0.2	33.1	50.49	25.85	8.02	6.28	94.3
11-3	111898	1213	1.0	33.6	51.14	25.27	8.04	6.24	93.1
11-3	111898	1213	2.1	33.6	51.14	25.22	8.04	6.29	94.5
11-4	111898	0701	0.2	33.7	51.28	24.82	8.01	5.58	82.1
11-4	111898	0702	0.8	33.7	51.25	24.85	8.01	5.54	82.0
11-4	111898	0703	1.4	33.7	51.26	24.85	8.01	5.53	82.3
11-4	111898	1232	0.2	34.3	52.19	24.95	8.02	6.10	91.3
11-4	111898	1233	0.9	34.2	52.05	25.10	8.02	6.09	91.3
11-4	111898	1234	1.6	34.3	52.15	24.88	8.02	6.09	90.9
11-5	111898	0712	0.2	30.2	46.58	25.16	7.86	4.87	71.4
11-5	111898	0712	1.0	31.1	47.73	25.18	7.87	4.99	71.8
11-5	111898	0713	1.9	33.6	51.21	25.18	7.88	3.90	58.4
11-5	111898	1256	0.2	31.8	48.73	25.90	7.99	6.32	94.4
11-5	111898	1256	0.9	33.0	50.23	25.34	8.02	6.30	93.6
11-5	111898	1257	1.5	33.4	50.92	25.27	8.02	6.03	90.0

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
13-1	111898	0546	0.2	28.9	44.78	25.32	7.77	4.99	72.3
13-1	111898	0547	0.9	29.4	45.59	25.29	7.74	4.94	71.8
13-1	111898	0548	1.5	31.8	48.72	25.44	7.79	5.12	75.7
13-1	111898	1359	0.2	31.5	48.31	26.38	7.88	7.01	104.7
13-1	111898	1400	1.0	32.3	49.44	25.80	7.87	6.61	98.8
13-1	111898	1401	1.8	32.6	49.85	25.71	7.87	6.56	98.1
13-2	111898	0557	0.2	28.7	44.40	24.95	7.68	4.81	69.3
13-2	111898	0558	0.5	29.3	45.73	24.92	7.67	4.53	65.3
13-2	111898	0559	0.8	29.2	45.34	24.87	7.68	4.60	66.4
13-2	111898	1342	0.2	30.2	46.54	26.46	7.85	6.84	102.1
13-2	111898	1343	0.7	31.1	47.81	25.90	7.86	6.69	99.5
13-2	111898	1344	1.2	31.5	48.40	25.70	7.86	6.67	99.1
13-3	111898	0614	0.2	28.9	44.59	25.36	7.68	4.76	68.8
13-3	111898	0615	0.7	29.0	44.81	25.35	7.68	4.60	66.8
13-3	111898	0616	1.2	29.1	44.98	25.33	7.67	4.57	66.1
13-3	111898	1325	0.2	29.6	45.72	26.40	7.78	6.06	89.8
13-3	111898	1326	0.7	29.6	45.76	26.38	7.78	6.07	90.5
13-3	111898	1327	1.1	29.6	45.77	26.38	7.78	6.15	91.2
13-4	111898	0627	0.2	28.8	44.56	25.41	7.65	4.75	67.4
13-4	111898	0628	0.4	28.8	44.56	25.41	7.65	4.38	63.6
13-4	111898	0629	0.5	28.8	44.55	25.41	7.65	4.32	62.6
13-4	111898	1217	0.2	28.7	44.48	25.93	7.73	5.82	85.3
13-4	111898	1218	0.5	28.7	44.51	25.91	7.74	5.85	85.7
13-4	111898	1218	0.8	28.7	44.53	25.91	7.73	5.80	84.9
13-5	111898	0641	0.2	28.1	43.64	25.52	7.69	5.09	72.8
13-5	111898	0642	0.6	28.1	43.61	25.59	7.69	4.93	71.4
13-5	111898	0643	0.9	28.1	43.59	25.60	7.68	4.85	70.2
13-5	111898	1157	0.2	28.2	43.76	26.33	7.68	5.32	77.5
13-5	111898	1158	0.9	28.2	43.73	26.18	7.68	5.18	76.4
13-5	111898	1159	1.5	28.2	43.79	25.83	7.66	4.96	72.4

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
14-1	111898	0651	0.2	27.8	43.18	25.37	7.72	4.87	70.3
14-1	111898	0652	1.0	27.8	43.16	25.37	7.72	4.91	70.7
14-1	111898	0653	1.8	28.1	43.79	25.57	7.71	4.90	70.6
14-1	111898	1139	0.2	27.8	43.33	26.61	7.73	5.58	82.4
14-1	111898	1140	1.0	27.9	43.41	25.92	7.73	5.44	79.3
14-1	111898	1141	1.9	28.2	43.74	25.81	7.66	4.49	65.6
14-2	111898	0702	0.2	27.5	42.76	25.25	7.83	4.92	70.6
14-2	111898	0702	0.6	27.5	42.76	25.29	7.84	4.88	70.1
14-2	111898	0703	1.0	27.5	42.74	25.28	7.84	4.88	69.9
14-2	111898	1116	0.2	27.4	42.77	26.25	7.78	5.17	74.4
14-2	111898	1117	0.7	27.5	42.78	25.61	7.79	5.18	74.9
14-2	111898	1118	1.2	27.5	42.77	25.58	7.81	5.29	76.5
14-3	111898	0712	0.2	27.4	42.56	25.37	7.81	4.92	69.9
14-3	111898	0713	0.7	27.4	42.57	25.35	7.81	4.94	70.7
14-3	111898	0714	1.1	27.4	42.67	25.43	7.79	4.65	66.5
14-3	111898	1056	0.2	27.0	42.03	26.15	7.82	5.11	74.6
14-3	111898	1057	0.7	27.3	42.54	25.89	7.82	5.11	73.8
14-3	111898	1058	1.2	27.4	42.73	25.86	7.83	5.12	74.4
14-4	111898	0723	0.2	28.2	43.79	24.81	7.92	5.31	75.5
14-4	111898	0724	0.6	28.3	43.94	24.90	7.91	5.19	74.5
14-4	111898	0725	0.9	28.4	44.03	24.92	7.91	4.99	71.9
14-4	111898	1036	0.2	28.2	43.81	25.63	7.93	5.62	81.4
14-4	111898	1037	0.7	28.2	43.79	25.43	7.94	5.69	82.0
14-4	111898	1038	1.1	28.3	43.87	25.19	7.95	5.99	86.4
14-5	111898	0733	0.2	29.1	44.97	24.91	7.93	5.15	74.2
14-5	111898	0734	0.6	29.1	44.99	24.90	7.93	5.10	73.5
14-5	111898	0734	0.9	29.1	44.97	24.91	7.93	5.02	72.5
14-5	111898	1016	0.2	29.1	45.01	25.29	8.01	6.11	88.7
14-5	111898	1017	0.6	29.0	44.95	25.25	8.00	6.11	88.3
14-5	111898	1018	1.0	29.0	44.90	25.26	8.01	6.32	93.0

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
16-1	111798	0604	0.2	29.9	46.18	25.11	7.91	5.59	81.1
16-1	111798	0605	0.7	29.9	46.12	25.13	7.88	5.52	80.3
16-1	111798	0605	1.1	31.8	48.70	25.40	7.79	5.31	78.1
16-1	111798	1347	0.2	30.7	47.18	26.34	7.95	6.77	101.4
16-1	111798	1348	0.8	30.9	47.60	25.93	7.92	6.77	99.7
16-1	111798	1348	1.4	31.1	47.71	25.89	7.92	6.78	100.9
16-2	111798	0614	0.3	29.5	45.63	25.10	7.82	5.34	77.1
16-2	111798	1325	0.2	31.9	48.90	26.11	7.93	6.97	103.9
16-2	111798	1325	0.5	32.0	48.99	26.06	7.93	7.07	105.9
16-2	111798	1326	0.7	31.9	48.95	26.07	7.93	7.15	107.0
16-3	111798	0624	0.2	32.0	49.01	24.70	7.84	6.02	88.1
16-3	111798	0624	0.6	31.7	48.64	24.75	7.84	5.85	85.6
16-3	111798	0625	0.9	32.0	48.97	24.71	7.84	5.90	86.2
16-3	111798	1309	0.2	32.4	49.51	25.70	7.96	7.38	110.3
16-3	111798	1309	0.7	33.5	51.11	25.55	7.98	8.25	123.9
16-3	111798	1310	1.1	33.6	51.18	25.52	7.99	8.44	127.5
16-4	111798	0634	0.2	31.6	48.41	24.94	7.84	5.71	83.6
16-4	111798	0635	1.0	31.6	48.46	24.94	7.84	5.78	84.7
16-4	111798	0635	1.8	31.6	48.53	24.93	7.84	5.88	86.0
16-4	111798	1253	0.2	32.3	49.42	26.52	7.99	8.03	121.8
16-4	111798	1254	0.6	34.5	52.39	25.48	8.07	9.98	148.3
16-4	111798	1255	1.0	34.5	52.39	25.49	8.07	9.63	144.7
16-5	111798	0641	0.2	32.2	49.34	24.86	7.85	5.57	81.7
16-5	111798	0642	1.0	32.2	49.29	24.87	7.85	5.59	82.1
16-5	111798	0642	3.8	32.3	49.35	24.82	7.85	5.66	82.9
16-5	111798	1238	0.2	34.2	51.96	25.35	7.89	6.82	102.3
16-5	111798	1239	1.0	34.8	52.77	25.05	7.91	7.27	109.1
16-5	111798	1240	3.3	34.8	52.80	25.02	7.91	7.59	113.5

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	111798	0717	0.2	24.8	39.04	25.19	7.66	4.18	59.0
LB-1	111798	0717	0.9	24.9	39.18	25.32	7.68	4.22	59.6
LB-1	111798	0718	1.6	25.4	39.91	25.58	7.73	3.98	57.0
LB-1	111798	1146	0.2	23.4	36.96	26.00	7.60	4.89	68.9
LB-1	111798	1146	1.0	23.5	37.08	25.81	7.60	4.72	66.9
LB-1	111798	1147	2.3	23.5	37.15	25.74	7.59	4.54	64.4
LB-2	111798	0723	0.2	25.4	39.88	25.42	7.80	4.48	64.1
LB-2	111798	0723	1.0	25.5	39.79	25.42	7.81	4.51	64.2
LB-2	111798	0724	1.9	25.7	40.26	25.48	7.80	4.28	60.3
LB-2	111798	1130	0.2	24.7	38.75	26.34	7.77	5.65	81.3
LB-2	111798	1131	0.5	24.7	38.83	26.35	7.77	5.66	81.5
LB-2	111798	1132	0.7	24.8	38.94	26.40	7.78	5.71	82.5
LB-3	111798	0731	0.2	24.4	38.45	25.29	7.83	4.74	66.8
LB-3	111798	0732	0.7	25.4	39.87	25.86	7.87	4.96	71.2
LB-3	111798	0733	1.1	25.7	40.24	25.91	7.74	2.98	45.1
LB-3	111798	1114	0.2	24.9	39.12	26.56	7.92	6.46	93.2
LB-3	111798	1115	0.7	25.6	40.14	26.08	7.88	5.90	84.6
LB-3	111798	1115	1.1	25.7	40.34	26.10	7.89	5.80	84.6
LB-4	111798	0741	0.2	25.8	40.49	25.18	8.00	5.76	81.5
LB-4	111798	0741	0.5	25.9	40.51	25.20	8.00	5.54	78.7
LB-4	111798	0742	0.7	25.9	40.51	25.22	7.99	5.43	77.0
LB-4	111798	1053	0.2	25.9	40.52	26.11	8.01	6.58	95.1
LB-4	111798	1054	0.5	25.9	40.57	26.06	8.00	6.26	90.7
LB-4	111798	1054	0.7	26.0	40.67	25.49	7.98	5.87	83.3
LB-5	111798	0754	0.2	27.6	42.99	24.84	7.94	4.10	58.9
LB-5	111798	0755	0.8	27.7	43.06	24.88	7.93	4.08	58.3
LB-5	111798	0756	1.4	28.6	44.32	25.30	7.94	3.89	56.3
LB-5	111798	1024	0.2	27.5	42.80	25.66	8.02	6.27	90.8
LB-5	111798	1024	0.7	27.9	43.45	25.08	7.99	5.95	85.3
LB-5	111798	1025	1.2	29.1	44.98	25.78	7.91	4.98	72.8

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
ML-1	111798	0649	0.2	0.19	0.40	23.70	6.88	4.79	56.6
ML-1	111798	0649	0.8	0.22	0.45	23.73	6.86	4.50	53.4
ML-1	111798	0650	1.4	0.35	0.73	24.03	6.85	4.62	55.0
ML-1	111798	1220	0.2	0.13	0.26	24.20	6.81	5.13	60.9
ML-1	111798	1221	0.8	0.12	0.26	23.96	6.78	4.98	59.1
ML-1	111798	1222	1.4	0.13	0.28	23.96	6.79	4.89	58.1
ML-2	111798	0633	0.2	0.31	0.63	23.88	6.89	5.25	62.1
ML-2	111798	0633	0.6	0.31	0.63	23.88	6.88	5.09	60.2
ML-2	111798	0634	0.9	0.31	0.64	23.88	6.87	5.04	59.7
ML-2	111798	1254	0.2	0.37	0.76	25.20	6.89	5.82	71.1
ML-2	111798	1255	0.9	0.38	0.78	24.58	6.85	5.44	65.5
ML-2	111798	1256	1.5	0.38	0.79	24.53	6.84	5.35	64.2
ML-3	111798	0625	0.2	0.69	1.39	24.03	6.90	5.12	61.1
ML-3	111798	0625	0.5	0.69	1.38	24.04	6.90	5.10	60.9
ML-3	111798	0626	0.8	0.68	1.37	24.04	6.90	5.08	60.8
ML-3	111798	1315	0.2	0.46	0.92	24.64	6.85	5.62	67.0
ML-3	111798	1316	0.4	0.46	0.93	24.48	6.83	5.26	63.3
ML-3	111798	1318	0.5	0.45	0.94	24.49	6.83	5.25	63.2
ML-4	111798	0612	0.2	0.46	0.94	24.21	6.96	5.41	64.6
ML-4	111798	0613	1.0	0.46	0.94	24.24	6.96	5.36	64.2
ML-4	111798	0614	3.1	0.46	0.94	24.25	6.96	5.26	63.0
ML-4	111798	1341	0.2	0.56	1.13	25.91	7.02	6.53	80.6
ML-4	111798	1342	1.0	0.56	1.13	25.85	7.02	6.50	80.4
ML-4	111798	1344	2.8	0.55	1.11	25.80	7.02	6.42	79.3
ML-5	111798	0550	0.2	1.01	1.98	24.86	7.09	6.05	73.5
ML-5	111798	1415	0.2	2.92	5.43	27.84	7.75	8.57	111.9
ML-5	111798	1416	1.0	3.72	6.88	26.68	7.45	7.48	95.6
ML-5	111798	1416	1.8	4.67	8.43	25.95	7.34	6.88	86.8

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
MU-1	111798	0800	0.2	0.10	0.21	23.28	6.67	4.55	53.3
MU-1	111798	0800	1.0	0.10	0.21	23.27	6.67	4.49	52.7
MU-1	111798	0801	2.5	0.10	0.21	23.29	6.66	4.45	52.2
MU-1	111798	1029	0.2	0.10	0.21	23.66	6.60	4.63	54.6
MU-1	111798	1030	1.0	0.10	0.21	23.65	6.62	4.60	54.3
MU-1	111798	1031	2.5	0.10	0.21	23.66	6.64	4.56	53.9
MU-2	111798	0743	0.2	0.11	0.22	23.39	6.75	4.70	55.1
MU-2	111798	0743	0.9	0.11	0.22	23.40	6.74	4.55	53.5
MU-2	111798	0744	1.6	0.11	0.22	23.41	6.73	4.50	52.8
MU-2	111798	1057	0.2	0.11	0.22	23.64	6.73	4.64	54.8
MU-2	111798	1059	0.9	0.11	0.22	23.66	6.71	4.62	54.1
MU-2	111798	1059	1.5	0.11	0.22	23.64	6.71	4.46	52.6
MU-3	111798	0728	0.2	0.11	0.22	23.36	6.75	4.73	55.2
MU-3	111798	0728	0.7	0.11	0.22	23.37	6.74	4.61	54.2
MU-3	111798	0729	1.2	0.11	0.22	23.37	6.73	4.45	52.3
MU-3	111798	1123	0.2	0.11	0.22	23.99	6.73	4.76	56.5
MU-3	111798	1124	0.7	0.11	0.22	23.98	6.72	4.64	55.1
MU-3	111798	1125	1.1	0.11	0.22	23.95	6.71	4.58	54.4
MU-4	111798	0718	0.2	0.11	0.24	23.39	6.81	4.55	53.4
MU-4	111798	0719	0.8	0.12	0.24	23.39	6.82	4.50	52.9
MU-4	111798	0720	1.4	0.12	0.24	23.37	6.83	4.48	52.6
MU-4	111798	1140	0.2	0.11	0.23	24.22	6.77	4.73	56.5
MU-4	111798	1140	0.6	0.12	0.24	24.16	6.79	4.63	55.3
MU-4	111798	1141	1.0	0.12	0.24	24.13	6.79	4.59	54.8
MU-5	111798	0708	0.2	0.12	0.25	23.30	6.85	4.84	55.9
MU-5	111798	1158	0.2	0.12	0.26	24.55	6.85	5.03	60.2
MU-5	111798	1159	0.4	0.12	0.26	24.51	6.84	4.91	58.9
MU-5	111798	1200	0.5	0.13	0.26	24.67	6.85	4.98	59.9

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	111898	0618	27.35917	-82.57611	27.35925	-82.57622	3.3			
10-1	111898	1054	27.35917	-82.57611	27.35948	-82.57635	3.5	1.8	982176	0.44
10-2	111898	0626	27.34750	-82.56889	27.34717	-82.56953	1.7			
10-2	111898	1037	27.34750	-82.56889	27.34728	-82.56898	2.0	>B	982179	0.69
10-3	111898	0643	27.33972	-82.58111	27.33973	-82.58137	2.2			
10-3	111898	1019	27.33972	-82.58111	27.33978	-82.58168	1.2	>B	982174	0.34
10-4	111898	0752	27.32333	-82.57528	27.32308	-82.57638	4.3			
10-4	111898	1354	27.32333	-82.57528	27.32278	-82.57542	1.5	>B	982173	0.84
10-5	111898	0725	27.30667	-82.55639	27.30640	-82.55703	1.5			
10-5	111898	1319	27.30667	-82.55639	27.30678	-82.55642	1.4	>B	982177	0.77
11-1	111898	0607	27.36056	-82.56750	27.36068	-82.56755	3.4			
11-1	111898	1126	27.36056	-82.56750	27.36075	-82.56733	3.8	1.8	982172	0.54
11-2	111898	0556	27.35139	-82.55639	27.35158	-82.55632	2.9			
11-2	111898	1149	27.35139	-82.55639	27.35152	-82.55667	3.4	1.7	982171	0.58
11-3	111898	0544	27.33694	-82.55944	27.33612	-82.56037	2.4			
11-3	111898	1212	27.33694	-82.55944	27.33710	-82.55895	2.3	1.8	982169	0.52
11-4	111898	0701	27.32556	-82.54972	27.32578	-82.54963	1.6			
11-4	111898	1232	27.32556	-82.54972	27.32542	-82.54935	1.8	>B	982175	0.82
11-5	111898	0712	27.30750	-82.54194	27.30787	-82.54172	2.1			
11-5	111898	1256	27.30750	-82.54194	27.30698	-82.54182	1.7	1.7	982168	0.81
13-1	111898	0546	27.29056	-82.54806	27.29047	-82.54825	1.7			
13-1	111898	1359	27.29056	-82.54806	27.29067	-82.54807	2.0	1.4	982159	1.07
13-2	111898	0557	27.28306	-82.54861	27.28327	-82.54860	1.0			
13-2	111898	1342	27.28306	-82.54861	27.28318	-82.54852	1.4	>B	982158	1.10
13-3	111898	0614	27.26556	-82.53889	27.26600	-82.53897	1.4			
13-3	111898	1325	27.26556	-82.53889	27.25555	-82.53868	1.3	>B	982166	1.19
13-4	111898	0627	27.25944	-82.53500	27.25948	-82.53475	0.7			
13-4	111898	1217	27.25944	-82.53500	27.25930	-82.53473	1.0	>B	982163	0.81
13-5	111898	0641	27.25000	-82.52500	27.25030	-82.52488	1.1			
13-5	111898	1157	27.25000	-82.52500	27.24980	-82.52477	1.7	1.2	982156	0.90
14-1	111898	0651	27.24083	-82.35000	27.23965	-82.51505	2.0			
14-1	111898	1139	27.24083	-82.35000	27.23953	-82.51500	2.1	1.1	982167	0.94
14-2	111898	0702	27.22333	-82.51194	27.22327	-82.51155	1.2			
14-2	111898	1116	27.22333	-82.51194	27.22340	-82.51198	1.4	>B	982160	1.26
14-3	111898	0712	27.21972	-82.50500	27.21995	-82.50465	1.3			
14-3	111898	1056	27.21972	-82.50500	27.21942	-82.50498	1.4	>B	982165	1.23
14-4	111898	0723	27.19528	-82.50250	27.19513	-82.50262	1.1			
14-4	111898	1036	27.19528	-82.50250	27.19512	-82.50263	1.3	>B	982164	1.15
14-5	111898	0733	27.18778	-82.49833	27.18793	-82.49840	1.1			
14-5	111898	1016	27.18778	-82.49833	27.18787	-82.49858	1.2	>B	982157	1.11
16-1	111798	0604	27.17472	-82.49111	27.17488	-82.49075	1.3			
16-1	111798	1347	27.17472	-82.49111	27.17477	-82.49115	1.6	>B	982145	1.04
16-2	111798	0614	27.16056	-82.48306	27.16082	-82.48332	0.6			

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
16-2	111798	1325	27.16056	-82.48306	27.16032	-82.48297	0.9	>B	982154	0.89
16-3	111798	0624	27.14750	-82.47806	27.31415	-82.47832	1.1			
16-3	111798	1309	27.14750	-82.47806	27.14783	-82.47773	1.3	>B	982148	0.94
16-4	111798	0634	27.14056	-82.47028	27.14058	-82.47045	2.0			
16-4	111798	1253	27.14056	-82.47028	27.14087	-82.47002	1.2	>B	982146	0.75
16-5	111798	0641	27.13028	-82.47000	27.13002	-82.46978	4.0			
16-5	111798	1238	27.13028	-82.47000	27.12997	-82.46990	3.5	3.0	982151	0.56
LB-1	111798	0717	27.03389	-82.42639	27.03423	-82.42558	1.8			
LB-1	111798	1146	27.03389	-82.42639	27.03462	-82.42563	2.5	1.9	982147	1.44
LB-2	111798	0723	27.02167	-82.41806	27.02208	-82.41773	2.1			
LB-2	111798	1130	27.02167	-82.41806	27.02173	-82.41758	0.9	>B	982152	1.18
LB-3	111798	0731	26.99583	-82.39889	26.99535	-82.39930	1.3			
LB-3	111798	1114	26.99583	-82.39889	26.99597	-82.39913	1.3	>B	982150	1.30
LB-4	111798	0741	26.97750	-82.38917	26.97743	-82.38912	0.9			
LB-4	111798	1053	26.97750	-82.38917	26.97772	-82.38910	0.9	>B	982153	1.20
LB-5	111798	0754	26.95889	-82.37667	26.95865	-82.37687	1.6			
LB-5	111798	1024	26.95889	-82.37667	26.95892	-82.37522	1.4	>B	982155	0.81
ML-1	111798	0649	27.04389	-82.29278	27.04427	-82.29263	1.6			
ML-1	111798	1220	27.04389	-82.29278	27.04383	-82.29263	1.6	0.8	982138	3.42
ML-2	111798	0633	27.03083	-82.27639	27.03072	-82.27622	1.1			
ML-2	111798	1254	27.03083	-82.27639	27.03108	-82.27642	1.7	0.6	982136	3.76
ML-3	111798	0625	27.03389	-82.27361	27.03400	-82.27345	1.0			
ML-3	111798	1315	27.03389	-82.27361	27.03410	-82.27358	0.7	>B	982142	3.75
ML-4	111798	0612	27.01972	-82.27389	27.01982	-82.27383	3.3			
ML-4	111798	1341	27.01972	-82.27389	27.02037	-82.27412	3.0	0.7	982139	3.74
ML-5	111798	0550	27.00056	-82.25694	27.00150	-82.25688	0.4			
ML-5	111798	1415	27.00056	-82.25694	27.00047	-82.25693	2.0	0.6	982143	3.70
MU-1	111798	0800	27.09667	-82.33167	27.09697	-82.33185	2.7			
MU-1	111798	1029	27.09667	-82.33167	27.09708	-82.33178	2.7	1.0	982144	3.48
MU-2	111798	0743	27.08167	-82.31944	27.08170	-82.31942	1.8			
MU-2	111798	1057	27.08167	-82.31944	27.08117	-82.31900	1.7	0.8	982140	3.23
MU-3	111798	0728	27.05944	-82.31694	27.06680	-82.31400	1.4			
MU-3	111798	1123	27.05944	-82.31694	27.06685	-82.31400	1.3	0.8	982141	3.62
MU-4	111798	0718	27.05833	-82.30500	27.05868	-82.30515	1.6			
MU-4	111798	1140	27.05833	-82.30500	27.05847	-82.30488	1.2	0.7	982134	3.20
MU-5	111798	0708	27.05278	-82.29778	27.05225	-82.29792	0.4			
MU-5	111798	1158	27.05278	-82.29778	27.05168	-82.29535	0.7	>B	982137	2.94

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	1.0M	1054	982176	11/18/1998	0.011	0.005	U0.005	0.13	0.13	0.017	0.06	0.7	4	2.3	6	8.18	2.7	U0.5	33.6
10-2	1.0M	1037	982179	11/18/1998	0.014	0.009	U0.005	0.14	0.14	0.015	0.06	0.7	4	2.1	6	8.15	2.2	U0.5	33.8
10-3	MID	1019	982174	11/18/1998	0.025	0.011	0.008	0.11	0.12	0.018	0.06	0.7	7	4.3	5	8.06	4.3	1.5	34.3
10-4	MID	1354	982173	11/18/1998	U0.005	0.007	U0.005	0.18	0.18	0.012	0.05	0.9	4	3.0	10	8.19	3.3	0.7	34.0
10-4 REP	MID	1401	982178	11/18/1998	U0.005	U0.005	U0.005	0.18	0.18	0.011	0.06	1.1	6	3.2	8	8.22	3.3	U0.5	NA
10-5	MID	1318	982177	11/18/1998	U0.005	0.006	U0.005	0.15	0.15	0.017	0.07	0.7	7	3.9	5	8.17	2.5	0.9	34.5
11-1	1.0M	1125	982172	11/18/1998	0.012	0.007	U0.005	0.15	0.15	0.015	0.05	0.6	9	2.2	8	8.15	2.4	0.5	33.6
11-2	1.0M	1149	982171	11/18/1998	U0.005	0.006	U0.005	0.12	0.12	0.017	0.06	0.9	7	3.2	8	8.14	3.1	1.6	33.5
11-3	1.0M	1212	982169	11/18/1998	U0.005	0.007	0.005	0.16	0.17	0.023	0.06	0.7	5	2.2	9	8.09	3.2	U0.5	33.1
11-4	MID	1231	982175	11/18/1998	U0.005	0.008	U0.005	0.10	0.10	0.015	0.05	0.6	3	2.9	6	8.12	3.4	U0.5	34.3
11-5	MID	1256	982168	11/18/1998	U0.005	0.007	U0.005	0.17	0.17	0.027	0.07	1.2	3	2.4	10	8.07	4.2	1.0	31.8
13-1	1.0M	1358	982159	11/18/1998	U0.005	0.006	U0.005	0.29	0.29	0.031	0.07	1.2	4	2.8	12	8.13	5.1	1.5	31.5
13-1 REP	1.0M	1404	982162	11/18/1998	U0.005	0.006	U0.005	0.41	0.41	0.029	0.08	1.7	6	3.5	12	8.15	6.2	0.9	NA
13-2	MID	1343	982158	11/18/1998	U0.005	0.006	U0.005	0.53	0.53	0.037	0.08	1.4	6	3.8	13	8.12	6.3	1.8	30.2
13-3	MID	1240	982166	11/18/1998	U0.005	0.008	0.006	0.25	0.26	0.043	0.10	1.1	5	3.4	12	8.01	6.5	2.4	29.6
13-4	MID	1216	982163	11/18/1998	0.007	0.011	0.009	0.38	0.39	0.048	0.11	1.1	4	3.4	20	7.97	6.0	2.1	28.7
13-5	MID	1157	982156	11/18/1998	0.008	0.012	0.011	0.62	0.63	0.051	0.12	1.3	6	3.7	13	7.96	6.3	1.7	28.2
14-1	1.0M	1138	982167	11/18/1998	U0.005	0.005	U0.005	0.31	0.31	0.048	0.11	1.3	5	3.6	21	7.97	4.8	2.1	27.8
14-2	MID	1116	982160	11/18/1998	U0.005	U0.005	U0.005	0.30	0.30	0.046	0.10	1.6	5	4.1	23	8.07	6.0	1.4	27.4
14-3	MID	1055	982165	11/18/1998	U0.005	U0.005	U0.005	0.40	0.40	0.046	0.11	2.0	5	3.8	22	8.04	5.6	1.7	27.0
14-4	MID	1036	982164	11/18/1998	U0.005	U0.005	U0.005	0.37	0.37	0.036	0.11	1.9	6	4.0	20	8.18	4.5	1.2	28.2
14-5	MID	1016	982157	11/18/1998	U0.005	0.005	U0.005	0.38	0.38	0.033	0.09	1.6	3	3.1	19	8.22	4.8	1.3	29.1

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH ₄ -N Diss (mg/l)	NO ₂ -N Diss (mg/l)	NO ₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO ₄ -P Diss (mg/l)	Total P (mg/l)	BOD ₅ (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	MID	1347	982145	11/17/1998	U0.005	0.005	U0.005	0.30	0.30	0.029	0.08	1.7	7	3.6	20	8.26	6.2	0.6	30.7
16-1 REP	MID	1354	982149	11/17/1998	U0.005	U0.005	U0.005	0.26	0.26	0.028	0.06	1.5	4	2.9	15	8.25	6.0	1.4	NA
16-2	MID	1325	982154	11/17/1998	U0.005	U0.005	U0.005	0.25	0.25	0.024	0.07	1.3	5	2.9	14	8.22	5.2	0.8	31.9
16-3	MID	1309	982148	11/17/1998	U0.005	0.005	U0.005	0.23	0.23	0.023	0.07	1.4	5	4.1	14	8.23	5.5	1.2	32.4
16-4	MID	1253	982146	11/17/1998	U0.005	0.005	U0.005	0.17	0.17	0.019	U0.05	1.4	4	3.1	12	8.31	3.9	0.6	32.3
16-5	1.0M	1238	982151	11/17/1998	0.005	0.008	0.007	0.10	0.11	0.017	U0.05	0.8	3	2.6	7	8.19	1.9	U0.5	34.2
LB-1	1.0M	1146	982147	11/17/1998	0.054	0.016	0.015	0.57	0.59	0.103	0.20	1.7	5	3.9	38	7.85	6.2	4.1	23.4
LB-2	MID	1130	982152	11/17/1998	0.011	0.009	0.007	0.57	0.58	0.104	0.22	2.2	5	3.8	31	8.07	11.8	3.2	24.7
LB-3	MID	1114	982150	11/17/1998	U0.005	U0.005	U0.005	0.43	0.43	0.096	0.19	2.6	4	2.6	30	8.23	6.0	2.9	24.9
LB-4	MID	1053	982153	11/17/1998	U0.005	0.005	U0.005	0.31	0.31	0.082	0.15	1.8	4	3.8	16	8.29	2.9	2.6	25.9
LB-5	MID	1024	982155	11/17/1998	0.011	0.005	U0.005	0.33	0.33	0.055	0.13	1.7	4	1.7	20	8.27	3.6	2.5	27.5
ML-1	MID	1220	982138	11/17/1998	0.037	0.039	0.040	0.98	1.02	0.304	0.38	1.5	U2	1.2	220	6.61	3.3	U0.5	0.13
ML-2	MID	1254	982136	11/17/1998	0.031	0.036	0.038	1.03	1.07	0.286	0.36	2.2	3	2.2	220	6.76	12.0	2.5	0.37
ML-3	MID	1315	982142	11/17/1998	0.044	0.037	0.040	0.95	0.99	0.280	0.34	1.5	U2	1.8	220	6.77	3.8	0.7	0.46
ML-4	1.0M	1341	982139	11/17/1998	0.046	0.035	0.037	1.05	1.09	0.274	0.36	1.7	3	2.1	220	6.89	7.4	1.7	0.56
ML-5	1.0M	1414	982143	11/17/1998	0.011	0.005	0.005	0.96	0.97	0.223	0.31	2.7	11	3.5	220	7.21	21.0	6.6	2.92
ML-5 REP	1.0M	1425	982135	11/17/1998	U0.005	0.005	U0.005	0.91	0.91	0.214	0.32	2.2	7	3.0	220	7.28	17.5	6.2	NA
MU-1	1.0M	1029	982144	11/17/1998	0.043	0.028	0.031	1.00	1.03	0.326	0.38	1.7	U2	1.2	220	6.37	3.3	0.7	0.10
MU-2	MID	1056	982140	11/17/1998	0.041	0.036	0.039	1.05	1.09	0.325	0.39	1.5	U2	1.2	200	6.58	2.0	1.0	0.11
MU-3	MID	1123	982141	11/17/1998	0.035	0.035	0.040	1.00	1.04	0.327	0.39	1.5	U2	2.0	220	6.59	1.1	1.6	0.11
MU-4	MID	1139	982134	11/17/1998	0.041	0.035	0.042	1.03	1.07	0.318	0.39	1.7	U2	1.1	200	6.59	1.2	U0.5	0.11
MU-5	MID	1158	982137	11/17/1998	0.032	0.039	0.041	1.01	1.05	0.313	0.37	0.6	U2	1.1	200	6.61	3.3	0.6	0.12
EQP BLK		0845	982161	11/18/1998	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.11	U0.5	U0.5	NA
EQP BLK		1520	982170	11/18/1998	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.06	U0.5	0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring

Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rainfall		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)	
			Begin (EST)	End (EST)	No	Yes	Min	Max (%)					
111798	AM	16	0604	0641	0		0	- 10	23.41	23.41	-	<5	<0.5
111798	PM	16	1238	1347	0		5	- 10			240 - 315	5	<0.5
111798	AM	LB	0717	0754	0		10				-	<5	<0.5
111798	PM	LB	1024	1146	0		10	- 20	28.95	28.95	-	<5	<0.5
111798	AM	ML	0550	0649	0		0	- 20	23.13	23.13	-	<5	<0.5
111798	PM	ML	1220	1415	0		10	- 55			0 - 180	<5 - 5	<0.5
111798	AM	MU	0708	0800	0		10				-	<5	<0.5
111798	PM	MU	1029	1158	0		20	- 50	23.49	23.49	-	<5	<0.5
111898	AM	10	0618	0752	0		20	- 60			40 - 50	5	<0.5
111898	PM	10	1019	1354	0		5	- 30	27.60	27.60	40	<5 - 5	<0.5 - 0.5
111898	AM	11	0544	0712	0		30	- 60	25.33	25.33	30 - 60	5	<0.5
111898	PM	11	1126	1256	0		10	- 45			270 - 330	<5 - 5	<0.5
111898	AM	13	0546	0641	0		60	- 70	24.53	24.53	60	<5 - 5	<0.5
111898	PM	13	1157	1359	0		30	- 35			270 - 300	5	<0.5
111898	AM	14	0651	0733	0		20	- 40			30 - 60	<5 - 5	<0.5 - 0.5
111898	PM	14	1016	1139	0		5	- 10	25.11	25.11	-	<5	<0.5

Hydrolab Minisonde Continuous Deployment at Station 10-4
November 17-18, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
10-4	111798	1530	27.52	8.17	50186	33.0	158.4	10.3
10-4	111798	1545	27.56	8.20	50133	32.9	160.9	10.4
10-4	111798	1600	27.56	8.24	50133	32.9	169.2	11.0
10-4	111798	1615	27.56	8.25	50133	32.9	161.4	10.4
10-4	111798	1630	27.52	8.26	50122	32.9	163.5	10.6
10-4	111798	1645	27.47	8.26	50106	32.9	163.9	10.6
10-4	111798	1700	27.14	8.24	50148	32.9	150.7	9.8
10-4	111798	1715	26.42	8.12	50352	33.1	126.7	8.4
10-4	111798	1730	26.16	8.05	50289	33.0	106.0	7.0
10-4	111798	1745	26.05	8.01	50342	33.1	95.5	6.3
10-4	111798	1800	26.00	8.00	50318	33.1	90.1	6.0
10-4	111798	1815	25.93	7.99	50301	33.0	87.5	5.8
10-4	111798	1830	25.95	7.99	50305	33.0	85.4	5.7
10-4	111798	1845	25.95	7.99	50305	33.0	87.9	5.9
10-4	111798	1900	25.95	8.01	50305	33.0	85.4	5.7
10-4	111798	1915	25.99	8.04	50314	33.1	94.2	6.3
10-4	111798	1930	25.99	8.05	50314	33.1	99.2	6.6
10-4	111798	1945	25.95	8.05	50369	33.1	98.3	6.5
10-4	111798	2000	25.85	8.04	50412	33.1	96.9	6.5
10-4	111798	2015	25.85	8.05	50348	33.1	101.5	6.8
10-4	111798	2030	25.82	8.05	50404	33.1	101.1	6.7
10-4	111798	2045	25.69	8.02	50439	33.1	95.1	6.4
10-4	111798	2100	25.74	8.03	50387	33.1	94.3	6.3
10-4	111798	2115	25.69	8.03	50439	33.1	98.1	6.6
10-4	111798	2130	25.63	8.02	50427	33.1	95.6	6.4
10-4	111798	2145	25.61	8.02	50487	33.2	92.1	6.2
10-4	111798	2200	25.57	8.00	50478	33.2	91.6	6.1
10-4	111798	2215	25.52	8.01	50530	33.2	90.3	6.1
10-4	111798	2230	25.50	8.00	50527	33.2	88.7	6.0
10-4	111798	2245	25.50	7.99	50527	33.2	88.2	5.9
10-4	111798	2300	25.46	7.99	50519	33.2	88.0	5.9
10-4	111798	2315	25.43	8.00	50511	33.2	88.1	5.9
10-4	111798	2330	25.43	7.98	50511	33.2	85.6	5.7
10-4	111798	2345	25.37	7.98	50563	33.2	85.5	5.7

Hydrolab Minisonde Continuous Deployment at Station 10-4
November 17-18, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
10-4	111898	0000	25.37	7.97	50563	33.2	80.0	5.4
10-4	111898	0015	25.35	7.96	50559	33.2	78.0	5.2
10-4	111898	0030	25.31	7.96	50615	33.3	71.6	4.8
10-4	111898	0045	25.30	7.96	50612	33.3	67.2	4.5
10-4	111898	0100	25.26	7.94	50604	33.3	62.1	4.2
10-4	111898	0115	25.26	7.92	50604	33.3	56.4	3.8
10-4	111898	0130	25.26	7.93	50604	33.3	57.8	3.9
10-4	111898	0145	25.31	7.95	50615	33.3	60.5	4.1
10-4	111898	0200	25.33	7.98	50619	33.3	63.2	4.2
10-4	111898	0215	25.37	8.01	50627	33.3	66.5	4.5
10-4	111898	0230	25.37	8.02	50627	33.3	67.4	4.5
10-4	111898	0245	25.39	8.04	50631	33.3	71.6	4.8
10-4	111898	0300	25.41	8.07	50635	33.3	75.8	5.1
10-4	111898	0315	25.43	8.10	50639	33.3	81.6	5.5
10-4	111898	0330	25.44	8.11	50643	33.3	83.3	5.6
10-4	111898	0345	25.39	8.10	50695	33.3	79.0	5.3
10-4	111898	0400	25.28	8.10	50736	33.4	73.7	5.0
10-4	111898	0415	25.19	8.08	50795	33.4	67.1	4.5
10-4	111898	0430	25.09	8.05	50825	33.4	62.5	4.2
10-4	111898	0445	24.96	8.01	50863	33.5	57.0	3.9
10-4	111898	0500	24.83	7.97	50838	33.4	51.8	3.5
10-4	111898	0515	24.69	7.92	50873	33.5	46.6	3.2
10-4	111898	0530	24.56	7.88	50913	33.5	42.5	2.9
10-4	111898	0545	24.43	7.84	50889	33.5	38.4	2.6
10-4	111898	0600	24.34	7.80	50873	33.5	35.2	2.4
10-4	111898	0615	24.23	7.77	50853	33.4	32.7	2.2
10-4	111898	0630	24.17	7.75	50844	33.4	30.9	2.1
10-4	111898	0645	24.14	7.72	50837	33.4	26.6	1.8
10-4	111898	0700	24.08	7.70	50764	33.4	24.8	1.7
10-4	111898	0715	23.99	7.70	50812	33.4	25.3	1.7
10-4	111898	0730	23.94	7.70	50803	33.4	25.3	1.7
10-4	111898	0745	23.94	7.71	50803	33.4	24.9	1.7
10-4	111898	0800	24.21	7.84	50787	33.4	39.4	2.7
10-4	111898	0815	24.51	7.92	50726	33.4	47.5	3.2
10-4	111898	0830	24.80	7.97	50639	33.3	60.1	4.1

Hydrolab Minisonde Continuous Deployment at Station 10-4
November 17-18, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
10-4	111898	0845	24.91	7.99	50661	33.3	67.8	4.6
10-4	111898	0900	25.05	8.01	50626	33.3	76.0	5.1
10-4	111898	0915	25.11	8.02	50637	33.3	75.0	5.1
10-4	111898	0930	25.22	8.01	50596	33.3	69.8	4.7
10-4	111898	0945	25.20	8.01	50656	33.3	72.9	4.9
10-4	111898	1000	25.26	7.99	50604	33.3	71.7	4.8
10-4	111898	1015	25.28	7.99	50608	33.3	70.7	4.8
10-4	111898	1030	25.26	8.00	50604	33.3	75.2	5.1
10-4	111898	1045	25.24	7.99	50664	33.3	72.7	4.9
10-4	111898	1100	25.31	7.99	50615	33.3	69.1	4.6
10-4	111898	1115	25.35	7.98	50623	33.3	75.6	5.1
10-4	111898	1130	25.44	8.00	50579	33.2	80.6	5.4
10-4	111898	1145	25.48	7.99	50587	33.3	79.0	5.3
10-4	111898	1200	25.54	8.00	50599	33.3	83.0	5.6
10-4	111898	1215	25.65	8.01	50559	33.2	83.1	5.6
10-4	111898	1230	25.84	8.01	50472	33.2	88.1	5.9
10-4	111898	1245	25.95	8.02	50498	33.2	88.1	5.9
10-4	111898	1300	26.04	8.01	50455	33.2	89.9	6.0
10-4	111898	1315	26.19	8.06	50490	33.2	101.8	6.7
10-4	111898	1330	26.27	8.06	50443	33.1	102.1	6.8
10-4	111898	1345	26.46	8.09	50360	33.1	107.2	7.1
10-4	111898	1400	26.63	8.13	50402	33.1	124.1	8.2
10-4	111898	1415	26.82	8.17	50321	33.1	132.7	8.7
10-4	111898	1430	26.99	8.20	50301	33.0	139.5	9.1
10-4	111898	1445	27.14	8.21	50341	33.1	145.8	9.5
10-4	111898	1500	27.35	8.25	50268	33.0	148.9	9.7
10-4	111898	1515	27.47	8.28	50235	33.0	156.7	10.2

Hydrolab DS3 Continuous Deployment at Station 10-3
November 17-18, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
10-3	111798	1500	25.12	7.86	50119	32.9	107.3	7.3
10-3	111798	1515	25.18	7.90	50066	32.9	107.9	7.3
10-3	111798	1530	25.25	7.91	50015	32.8	107.5	7.3
10-3	111798	1545	25.31	7.92	49961	32.8	107.4	7.2
10-3	111798	1600	25.33	7.92	49965	32.8	107.8	7.3
10-3	111798	1615	25.31	7.93	49961	32.8	107.4	7.2
10-3	111798	1630	25.31	7.94	49961	32.8	108.0	7.3
10-3	111798	1645	25.12	7.92	50184	33.0	108.6	7.3
10-3	111798	1700	25.24	7.93	50076	32.9	109.1	7.4
10-3	111798	1715	25.29	7.95	50023	32.8	110.2	7.4
10-3	111798	1730	25.29	7.94	50088	32.9	109.9	7.4
10-3	111798	1745	25.31	7.92	50092	32.9	109.1	7.4
10-3	111798	1800	25.31	7.93	50026	32.8	109.6	7.4
10-3	111798	1815	25.44	7.92	50053	32.9	108.9	7.3
10-3	111798	1830	25.46	7.91	49862	32.7	109.6	7.4
10-3	111798	1845	25.37	7.91	49583	32.5	109.2	7.4
10-3	111798	1900	25.31	7.90	49376	32.4	108.0	7.3
10-3	111798	1915	25.27	7.89	49239	32.3	107.7	7.3
10-3	111798	1930	25.18	7.89	49220	32.2	107.0	7.3
10-3	111798	1945	25.07	7.89	49198	32.2	106.4	7.2
10-3	111798	2000	24.96	7.88	49242	32.3	106.2	7.2
10-3	111798	2015	24.88	7.88	49228	32.3	105.9	7.2
10-3	111798	2030	24.83	7.88	49217	32.2	105.2	7.2
10-3	111798	2045	24.77	7.88	49272	32.3	104.8	7.2
10-3	111798	2100	24.72	7.88	49261	32.3	103.7	7.1
10-3	111798	2115	24.68	7.87	49320	32.3	102.3	7.0
10-3	111798	2130	24.65	7.87	49313	32.3	101.1	6.9
10-3	111798	2145	24.61	7.87	49306	32.3	100.1	6.9
10-3	111798	2200	24.58	7.87	49354	32.3	99.0	6.8
10-3	111798	2215	24.55	7.87	49361	32.4	98.6	6.8
10-3	111798	2230	24.55	7.87	49361	32.4	98.1	6.7
10-3	111798	2245	24.56	7.87	49350	32.3	97.3	6.7
10-3	111798	2300	24.57	7.86	49300	32.3	97.0	6.6
10-3	111798	2315	24.59	7.87	49303	32.3	96.6	6.6

Hydrolab DS3 Continuous Deployment at Station 10-3
November 17-18, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
10-3	111798	2330	24.59	7.87	49303	32.3	96.0	6.6
10-3	111798	2345	24.83	7.93	48957	32.1	100.3	6.9
10-3	111898	0000	24.92	7.94	48845	32.0	100.6	6.9
10-3	111898	0015	24.92	7.95	48715	31.9	101.8	6.9
10-3	111898	0030	24.96	7.94	48787	31.9	101.3	6.9
10-3	111898	0045	24.90	7.93	48841	32.0	101.2	6.9
10-3	111898	0100	24.90	7.93	48841	32.0	101.2	6.9
10-3	111898	0115	24.90	7.93	48841	32.0	100.8	6.9
10-3	111898	0130	24.88	7.93	48773	31.9	100.4	6.9
10-3	111898	0145	24.85	7.93	48766	31.9	100.1	6.8
10-3	111898	0200	24.85	7.93	48701	31.9	100.0	6.8
10-3	111898	0215	24.83	7.93	48568	31.8	99.4	6.8
10-3	111898	0230	24.79	7.93	48431	31.7	98.7	6.8
10-3	111898	0245	24.76	7.93	48230	31.5	98.1	6.7
10-3	111898	0300	24.74	7.93	47967	31.3	97.7	6.7
10-3	111898	0315	24.72	7.93	47639	31.1	97.9	6.7
10-3	111898	0330	24.69	7.93	47298	30.8	97.9	6.8
10-3	111898	0345	24.66	7.93	47175	30.8	97.4	6.7
10-3	111898	0400	24.65	7.93	46977	30.6	97.1	6.7
10-3	111898	0415	24.63	7.93	46844	30.5	96.4	6.7
10-3	111898	0430	24.61	7.93	46711	30.4	96.2	6.7
10-3	111898	0445	24.58	7.93	46565	30.3	96.0	6.7
10-3	111898	0500	24.57	7.93	46510	30.3	95.8	6.6
10-3	111898	0515	24.55	7.93	46507	30.3	95.5	6.6
10-3	111898	0530	24.54	7.93	46439	30.2	95.1	6.6
10-3	111898	0545	24.52	7.93	46436	30.2	94.9	6.6
10-3	111898	0600	24.50	7.93	46433	30.2	94.8	6.6
10-3	111898	0615	24.48	7.93	46430	30.2	94.3	6.6
10-3	111898	0630	24.48	7.93	46430	30.2	93.9	6.5
10-3	111898	0645	24.44	7.93	46424	30.2	93.9	6.5

Hydrolab DS3 Continuous Deployment at Station 10-3
November 17-18, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
10-3	111898	0700	24.41	7.92	46482	30.2	92.4	6.4
10-3	111898	0715	24.44	7.92	46424	30.2	93.5	6.5
10-3	111898	0730	24.44	7.93	46424	30.2	94.3	6.6
10-3	111898	0745	24.43	7.93	46421	30.2	93.5	6.5
10-3	111898	0800	24.44	7.91	46424	30.2	93.0	6.5
10-3	111898	0815	24.30	7.89	46595	30.3	90.3	6.3
10-3	111898	0830	24.04	7.81	47007	30.6	75.6	5.3
10-3	111898	0845	24.01	7.80	47131	30.7	73.5	5.1
10-3	111898	0900	24.01	7.80	46937	30.6	74.7	5.2
10-3	111898	0915	24.01	7.80	46224	30.1	75.3	5.3
10-3	111898	0930	24.01	7.80	45318	29.4	75.2	5.3
10-3	111898	0945	24.01	7.79	44930	29.1	74.0	5.2
10-3	111898	1000	24.01	7.78	43829	28.3	73.7	5.2
10-3	111898	1015	24.04	7.78	42798	27.6	74.6	5.3
10-3	111898	1030	24.06	7.78	42088	27.1	75.1	5.4
10-3	111898	1045	24.06	7.78	41895	26.9	75.6	5.4
10-3	111898	1100	24.10	7.78	41835	26.9	76.1	5.4
10-3	111898	1115	24.12	7.78	41708	26.8	76.8	5.5
10-3	111898	1130	24.15	7.78	41648	26.7	77.7	5.5
10-3	111898	1145	24.17	7.78	41651	26.7	78.3	5.6
10-3	111898	1200	24.22	7.79	41659	26.8	79.5	5.7
10-3	111898	1215	24.29	7.79	41657	26.8	80.4	5.7
10-3	111898	1230	24.33	7.79	41674	26.8	81.8	5.8
10-3	111898	1245	24.35	7.79	41677	26.8	82.5	5.9
10-3	111898	1300	24.45	7.81	41681	26.8	84.3	6.0
10-3	111898	1315	24.54	7.81	41705	26.8	85.7	6.1
10-3	111898	1330	24.92	7.84	41440	26.6	91.7	6.5
10-3	111898	1345	25.31	7.90	41049	26.3	101.6	7.1
10-3	111898	1400	25.37	7.92	40993	26.3	105.4	7.4
10-3	111898	1415	25.27	7.92	40978	26.3	105.2	7.4
10-3	111898	1430	25.27	7.92	40978	26.3	104.9	7.4
10-3	111898	1445	25.27	7.92	41043	26.3	104.6	7.3
10-3	111898	1500	25.31	7.92	47359	30.9	104.0	7.1

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
10-1	120998	0631	0.2	33.4	50.72	23.51	7.96	6.65	95.3
10-1	120998	0631	1.0	33.4	50.76	23.52	7.96	6.74	97.2
10-1	120998	0632	3.0	33.4	50.72	23.53	7.96	6.69	96.3
10-1	120998	1238	0.2	33.3	50.59	24.59	8.02	6.76	99.7
10-1	120998	1239	1.0	33.3	50.70	24.21	8.01	6.88	100.3
10-1	120998	1240	2.8	33.4	50.75	23.79	8.02	7.17	105.5
10-2	120998	0609	0.2	33.3	50.66	23.21	7.93	6.08	88.6
10-2	120998	0610	0.5	33.3	50.69	23.22	7.93	6.03	86.4
10-2	120998	0610	0.7	33.3	50.70	23.21	7.93	6.08	86.9
10-2	120998	1318	0.2	33.4	50.80	23.73	8.01	7.03	101.7
10-2	120998	1319	0.5	33.4	50.82	23.74	8.01	6.90	99.4
10-2	120998	1319	0.7	33.4	50.82	23.74	8.01	6.91	100.1
10-3	120998	0553	0.2	33.3	50.60	23.12	7.79	6.00	85.7
10-3	120998	0554	1.0	33.3	50.68	23.13	7.82	5.95	85.1
10-3	120998	0555	5.5	33.4	50.81	23.09	7.88	5.90	84.4
10-3	120998	1338	0.2	33.4	50.83	24.05	8.00	7.00	101.9
10-3	120998	1338	1.0	33.4	50.84	23.99	8.00	7.06	102.7
10-3	120998	1339	5.0	33.4	50.81	23.97	8.00	6.96	101.1
10-4	120998	0757	0.2	33.5	50.86	23.23	7.95	5.81	83.3
10-4	120998	0757	1.0	33.5	50.85	23.23	7.95	5.81	83.4
10-4	120998	0758	4.9	33.5	50.85	23.21	7.95	6.00	86.1
10-4	120998	1026	0.2	33.1	50.34	23.53	8.00	6.21	89.3
10-4	120998	1027	1.0	33.2	50.56	23.54	8.00	6.23	90.8
10-4	120998	1028	1.9	33.3	50.62	23.48	7.99	6.30	90.8
10-5	120998	0737	0.2	32.7	49.85	23.27	7.88	5.60	80.0
10-5	120998	0737	0.9	33.0	50.18	23.47	7.89	5.65	81.1
10-5	120998	0738	1.6	33.0	50.20	23.49	7.89	5.39	77.4
10-5	120998	1112	0.2	31.8	48.59	23.65	7.90	6.14	87.9
10-5	120998	1112	0.5	31.8	48.61	23.62	7.90	6.14	87.8
10-5	120998	1114	0.8	31.9	48.78	23.46	7.90	6.05	87.3

**Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles**

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
11-1	120998	0641	0.2	32.9	50.12	23.34	7.96	5.73	82.1
11-1	120998	0642	1.0	32.9	50.14	23.36	7.96	5.72	82.0
11-1	120998	0642	3.2	32.9	50.13	23.37	7.95	5.77	82.3
11-1	120998	1219	0.2	32.9	50.08	24.17	8.16	7.10	103.3
11-1	120998	1220	1.0	32.9	50.12	23.63	8.11	6.89	99.2
11-1	120998	1221	2.8	33.0	50.26	23.46	8.03	6.03	86.7
11-2	120998	0621	0.2	33.2	50.49	23.38	7.93	6.31	89.8
11-2	120998	0621	1.0	33.2	50.53	23.40	7.93	6.20	89.1
11-2	120998	0622	3.3	33.2	50.57	23.44	7.93	6.26	90.1
11-2	120998	1257	0.2	33.3	50.58	24.15	8.00	6.85	99.8
11-2	120998	1259	1.0	33.2	50.57	24.04	8.00	6.85	99.6
11-2	120998	1300	2.8	33.3	50.68	23.78	8.00	7.04	102.1
11-3	120998	0657	0.2	33.2	50.46	23.21	7.93	6.40	91.6
11-3	120998	0658	1.0	33.2	50.50	23.27	7.93	6.55	93.9
11-3	120998	0659	2.4	33.3	50.63	23.38	7.93	6.56	94.4
11-3	120998	1158	0.2	33.1	50.36	23.96	7.97	6.58	95.4
11-3	120998	1159	1.0	33.3	50.60	23.79	7.98	6.73	97.7
11-3	120998	1200	2.0	33.3	50.63	23.78	7.97	6.60	95.6
11-4	120998	0713	0.2	33.1	50.45	23.34	7.90	5.58	80.0
11-4	120998	0714	1.0	33.2	50.45	23.37	7.90	5.59	80.2
11-4	120998	0715	3.7	33.1	50.45	23.39	7.89	5.65	81.1
11-4	120998	1136	0.2	33.2	50.44	24.02	7.97	6.69	97.2
11-4	120998	1137	1.0	33.2	50.54	23.68	7.96	6.42	92.7
11-4	120998	1138	3.4	33.3	50.64	23.53	7.94	6.03	86.9
11-5	120998	0726	0.2	32.6	49.73	23.26	7.89	5.52	78.9
11-5	120998	0727	1.0	32.8	50.00	23.42	7.90	5.62	80.6
11-5	120998	0728	2.4	33.5	50.88	23.67	7.92	5.73	82.9
11-5	120998	1048	0.2	31.7	48.46	23.76	7.89	5.63	80.7
11-5	120998	1049	1.0	32.3	49.22	23.66	7.89	5.27	75.3
11-5	120998	1050	2.3	33.2	50.55	23.69	7.93	5.43	78.5

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
13-1	120998	0542	0.2	31.2	47.80	23.39	7.88	6.55	92.3
13-1	120998	0543	1.0	32.3	49.32	24.06	7.91	5.85	84.6
13-1	120998	0543	1.8	32.9	50.13	23.99	7.91	5.51	79.7
13-1	120998	1300	0.2	29.6	45.52	24.79	7.85	6.03	87.3
13-1	120998	1301	0.9	29.9	45.95	24.62	7.86	5.97	85.9
13-1	120998	1302	1.6	29.9	46.57	24.41	7.87	6.37	90.2
13-2	120998	0553	0.2	31.0	47.51	23.46	7.89	6.15	87.4
13-2	120998	0553	0.9	31.1	47.62	23.46	7.89	6.08	85.1
13-2	120998	0554	1.5	31.7	48.47	24.17	7.88	5.33	77.5
13-2	120998	1248	0.2	29.2	45.07	24.87	7.86	6.04	86.9
13-2	120998	1249	0.7	29.5	45.50	24.62	7.86	5.77	83.1
13-2	120998	1250	1.2	30.4	46.68	23.98	7.87	5.58	79.7
13-3	120998	0605	0.2	30.2	46.45	23.86	7.84	5.26	76.1
13-3	120998	0606	0.9	30.8	47.27	24.10	7.86	5.27	75.1
13-3	120998	0606	1.6	31.1	47.70	24.00	7.87	5.14	73.4
13-3	120998	1227	0.2	29.8	45.85	24.89	7.87	6.43	93.1
13-3	120998	1228	0.8	30.2	46.46	24.80	7.91	6.49	93.9
13-3	120998	1229	1.3	30.6	46.93	24.47	7.93	6.50	93.7
13-4	120998	0624	0.2	29.8	45.82	23.91	7.82	5.23	74.1
13-4	120998	0624	1.0	30.0	46.17	24.00	7.82	4.98	70.9
13-4	120998	0625	1.9	30.1	46.27	24.00	7.81	4.87	69.5
13-4	120998	1207	0.2	29.3	45.20	24.51	7.86	6.20	89.6
13-4	120998	1207	0.8	29.4	45.38	24.46	7.86	6.12	87.6
13-4	120998	1208	1.3	29.6	45.59	24.46	7.86	5.97	85.1
13-5	120998	0634	0.2	29.5	45.51	24.00	7.84	5.39	75.6
13-5	120998	0635	0.7	29.7	45.77	24.03	7.83	5.22	74.4
13-5	120998	0636	1.2	29.8	45.93	24.05	7.83	5.13	73.1
13-5	120998	1143	0.2	29.3	45.21	24.53	7.89	6.80	96.7
13-5	120998	1144	0.4	29.4	45.33	24.54	7.89	6.71	95.8
13-5	120998	1144	0.6	29.5	45.38	24.56	7.89	6.64	96.3

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
14-1	120998	0643	0.2	29.3	45.16	23.78	7.82	5.42	76.6
14-1	120998	0644	0.9	29.4	45.37	23.79	7.82	5.24	75.0
14-1	120998	0645	1.6	29.5	45.51	23.80	7.82	5.19	75.5
14-1	120998	1130	0.2	29.2	45.02	24.55	7.86	6.02	87.4
14-1	120998	1131	0.7	29.4	45.25	24.56	7.86	6.06	86.4
14-1	120998	1132	1.2	29.4	45.36	24.43	7.86	5.96	85.7
14-2	120998	0652	0.2	29.1	44.97	23.62	7.88	5.56	79.5
14-2	120998	0652	0.9	29.3	45.16	23.62	7.88	5.47	77.8
14-2	120998	0653	1.5	29.4	45.31	23.68	7.88	5.46	79.4
14-2	120998	1114	0.2	29.0	44.81	24.25	7.89	5.85	83.3
14-2	120998	1115	0.8	29.1	44.95	24.21	7.89	5.75	81.9
14-2	120998	1116	1.3	29.5	45.46	23.99	7.97	7.11	102.2
14-3	120998	0702	0.3	29.0	44.77	22.45	7.88	3.47	46.7
14-3	120998	1037	0.2	29.0	44.80	23.35	7.93	5.27	73.8
14-3	120998	1038	0.6	29.3	45.22	23.31	7.97	5.28	74.1
14-3	120998	1039	0.9	29.4	45.30	23.32	7.98	5.31	74.1
14-4	120998	0712	0.2	31.1	47.68	23.84	8.04	5.57	80.2
14-4	120998	0713	0.9	31.3	47.87	23.86	8.04	5.46	78.3
14-4	120998	0714	1.5	31.5	48.24	24.00	8.03	5.26	75.7
14-4	120998	1054	0.2	30.1	46.23	24.33	8.02	5.79	82.1
14-4	120998	1055	0.8	30.7	47.09	24.12	8.03	5.60	80.4
14-4	120998	1056	1.3	31.3	47.92	24.14	8.03	5.57	80.8
14-5	120998	0732	0.2	30.9	47.34	23.18	8.10	6.23	88.1
14-5	120998	0733	0.4	30.9	47.41	23.19	8.10	6.07	85.7
14-5	120998	0733	0.6	30.9	47.45	23.20	8.10	6.03	84.5
14-5	120998	1010	0.2	30.6	46.95	23.40	8.12	6.24	88.7
14-5	120998	1011	0.4	30.7	47.11	23.34	8.13	6.45	91.0
14-5	120998	1012	0.6	30.7	47.15	23.33	8.12	6.39	91.1

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
16-1	120898	0554	0.2	32.1	49.07	23.63	7.94	5.30	75.9
16-1	120898	0555	1.0	32.5	49.59	23.71	7.93	4.96	71.9
16-1	120898	0555	4.0	32.5	49.56	23.67	7.92	4.95	71.5
16-1	120898	1352	0.2	31.6	48.35	24.49	8.08	7.29	105.0
16-1	120898	1353	1.0	31.8	48.64	24.46	8.07	6.92	100.6
16-1	120898	1354	3.2	31.8	48.56	24.36	8.06	6.60	95.7
16-2	120898	0604	0.2	32.3	49.31	23.47	7.92	5.18	74.4
16-2	120898	0604	0.7	32.6	49.69	23.40	7.91	4.92	70.0
16-2	120898	0605	1.2	32.7	49.80	23.37	7.91	4.76	67.5
16-2	120898	1337	0.2	31.8	48.57	24.63	8.12	7.72	112.5
16-2	120898	1338	0.6	31.9	48.68	24.71	8.12	7.93	115.8
16-2	120898	1339	0.9	31.9	48.78	24.64	8.11	7.70	110.3
16-3	120898	0614	0.2	32.9	49.99	23.56	7.96	5.69	81.6
16-3	120898	0615	1.0	33.1	50.36	23.56	7.97	5.58	80.4
16-3	120898	0615	2.2	33.3	50.59	23.52	7.97	5.51	79.3
16-3	120898	1320	0.2	32.3	49.23	24.17	8.01	6.18	89.1
16-3	120898	1321	1.0	32.5	49.56	24.16	8.01	6.07	88.1
16-3	120898	1322	2.7	32.4	49.40	24.16	8.01	6.08	87.4
16-4	120898	0623	0.2	33.1	50.44	23.10	7.97	5.41	76.1
16-4	120898	0623	1.0	33.5	50.89	23.16	7.97	5.31	76.0
16-4	120898	0624	1.7	33.5	50.88	23.20	7.97	5.15	73.9
16-4	120898	1305	0.2	32.6	49.70	24.25	8.07	6.98	101.5
16-4	120898	1306	1.0	32.8	50.06	24.02	8.02	6.36	91.2
16-4	120898	1307	2.5	32.7	49.84	23.99	8.02	6.16	90.0
16-5	120898	0633	0.2	33.4	50.78	23.47	7.99	5.84	84.1
16-5	120898	0633	1.0	33.7	51.12	23.48	7.99	5.60	81.2
16-5	120898	0634	3.2	33.6	51.05	23.47	7.98	5.54	80.1
16-5	120898	1250	0.2	32.6	49.69	23.99	8.01	6.38	92.4
16-5	120898	1251	0.6	32.7	49.82	23.98	8.02	6.31	91.4
16-5	120898	1252	1.0	32.8	49.98	23.98	8.02	6.29	92.1

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	120898	0711	0.2	26.2	40.94	23.09	7.69	5.17	69.4
LB-1	120898	0712	0.4	26.3	41.04	23.26	7.68	4.95	67.3
LB-1	120898	0712	0.6	26.4	41.13	23.31	7.67	4.74	65.3
LB-1	120898	1202	0.2	25.8	40.35	24.36	7.82	5.46	75.9
LB-1	120898	1203	0.6	26.1	40.73	24.27	7.82	5.30	74.2
LB-1	120898	1204	0.9	26.2	40.82	24.30	7.82	5.21	71.4
LB-2	120898	0721	0.2	26.0	40.63	23.54	7.79	4.41	59.7
LB-2	120898	0722	0.5	26.1	40.69	23.44	7.78	4.19	58.0
LB-2	120898	0723	0.8	26.1	40.77	23.39	7.78	4.05	56.7
LB-2	120898	1144	0.2	25.9	40.47	24.09	7.94	5.98	82.3
LB-2	120898	1145	0.9	26.1	40.66	24.20	7.95	6.00	83.1
LB-2	120898	1146	1.5	26.1	40.71	24.09	7.94	5.90	84.1
LB-3	120898	0732	0.2	26.0	40.56	23.47	8.02	5.51	75.9
LB-3	120898	0733	0.8	26.1	40.74	23.48	8.04	5.41	74.8
LB-3	120898	0734	1.3	26.1	40.76	23.49	8.03	5.24	72.5
LB-3	120898	1125	0.2	25.7	40.20	23.99	7.98	6.29	88.0
LB-3	120898	1126	0.6	25.8	40.32	23.95	7.98	6.42	88.9
LB-3	120898	1126	0.9	25.9	40.46	23.95	7.98	6.38	88.8
LB-4	120898	0742	0.2	26.7	41.59	23.59	8.10	6.11	85.0
LB-4	120898	0742	1.0	26.9	41.85	23.59	8.10	6.01	83.6
LB-4	120898	0743	3.3	29.0	44.77	24.95	8.08	4.47	65.2
LB-4	120898	1104	0.2	26.7	41.53	24.00	8.10	6.03	84.3
LB-4	120898	1105	1.0	26.8	41.76	23.99	8.10	6.10	85.3
LB-4	120898	1106	2.8	29.0	44.81	24.94	8.06	3.73	52.8
LB-5	120898	0752	0.2	30.3	46.61	23.73	8.14	5.61	80.2
LB-5	120898	0752	1.0	30.6	46.93	23.80	8.15	5.64	81.4
LB-5	120898	0753	2.7	30.6	46.97	23.89	8.17	5.85	84.0
LB-5	120898	1039	0.2	29.6	45.59	23.96	8.12	5.33	75.7
LB-5	120898	1040	1.0	29.8	45.89	23.96	8.12	5.29	75.3
LB-5	120898	1041	1.8	29.9	46.03	23.90	8.13	5.36	77.7

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
ML-1	120898	0646	0.2	1.42	2.64	23.81	7.16	6.27	74.9
ML-1	120898	0646	0.6	1.56	2.89	24.04	7.21	6.32	76.0
ML-1	120898	0647	0.9	1.57	2.92	24.04	7.22	6.37	76.5
ML-1	120898	1237	0.3	1.41	2.62	25.05	7.12	6.92	84.7
ML-2	120898	0635	0.2	3.02	5.48	24.28	7.28	6.62	80.6
ML-2	120898	0636	0.6	3.25	5.88	24.78	7.31	6.57	80.7
ML-2	120898	0636	0.9	3.29	5.96	24.86	7.32	6.52	80.5
ML-2	120898	1320	0.2	1.60	2.97	25.60	7.27	7.12	88.0
ML-2	120898	1321	0.4	1.60	2.97	25.60	7.27	7.13	88.1
ML-2	120898	1322	0.5	1.61	2.98	25.64	7.28	7.09	87.7
ML-3	120898	0627	0.2	3.10	5.63	24.30	7.34	6.95	84.7
ML-3	120898	0627	1.0	3.65	6.58	24.56	7.34	6.86	84.3
ML-3	120898	0628	2.4	4.38	7.85	24.68	7.31	6.60	81.7
ML-3	120898	1339	0.2	1.58	2.96	25.44	7.30	6.96	85.8
ML-3	120898	1340	0.8	1.76	3.25	25.60	7.35	7.17	88.9
ML-3	120898	1341	1.3	1.91	3.52	25.62	7.38	7.37	91.4
ML-4	120898	0617	0.2	4.22	7.62	24.43	7.26	6.03	74.3
ML-4	120898	0618	1.0	4.28	7.67	24.46	7.28	6.13	75.4
ML-4	120898	0619	2.6	4.26	7.63	24.43	7.28	6.18	76.1
ML-4	120898	1358	0.2	1.44	2.66	24.85	7.37	6.88	83.8
ML-4	120898	1359	0.5	1.45	2.70	24.81	7.37	6.80	83.0
ML-4	120898	1359	0.8	1.45	2.70	24.81	7.37	6.82	83.0
ML-5	120898	0559	0.2	4.93	8.78	23.65	7.22	6.59	80.3
ML-5	120898	0559	0.4	4.94	8.80	23.69	7.23	6.57	80.1
ML-5	120898	0600	0.6	4.92	8.76	23.66	7.23	6.47	78.8
ML-5	120898	1419	0.2	1.89	3.48	25.05	7.28	6.67	81.8
ML-5	120898	1419	0.4	1.88	3.47	25.03	7.29	6.65	81.6
ML-5	120898	1420	0.6	1.88	3.47	25.03	7.29	6.62	81.2

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
MU-1	120898	0807	0.2	0.12	0.26	22.73	6.84	5.90	68.5
MU-1	120898	0808	1.0	0.12	0.26	22.76	6.87	5.89	68.3
MU-1	120898	0808	2.2	0.12	0.26	22.78	6.91	5.89	68.4
MU-1	120898	1022	0.2	0.12	0.26	22.67	6.75	5.61	65.1
MU-1	120898	1023	1.0	0.12	0.26	22.65	6.80	5.50	63.7
MU-1	120898	1024	2.4	0.12	0.26	22.62	6.85	5.48	63.5
MU-2	120898	0756	0.2	0.13	0.27	22.69	6.92	5.43	63.0
MU-2	120898	0756	1.0	0.13	0.27	22.70	6.94	5.43	62.9
MU-2	120898	0757	2.7	0.13	0.27	22.71	6.96	5.42	62.9
MU-2	120898	1053	0.2	0.13	0.27	22.93	6.88	5.79	67.2
MU-2	120898	1054	1.0	0.13	0.27	22.89	6.92	5.69	66.2
MU-2	120898	1055	3.1	0.13	0.27	22.92	6.96	5.64	65.7
MU-3	120898	0734	0.2	0.16	0.34	23.36	7.02	6.08	71.5
MU-3	120898	0735	1.0	0.16	0.34	23.39	7.04	6.07	71.4
MU-3	120898	0735	1.9	0.16	0.34	23.40	7.06	6.05	71.2
MU-3	120898	1127	0.2	0.13	0.28	23.39	6.90	5.71	67.2
MU-3	120898	1127	0.9	0.13	0.28	23.37	6.92	5.68	66.7
MU-3	120898	1128	1.5	0.13	0.28	23.37	6.93	5.65	66.2
MU-4	120898	0725	0.2	0.21	0.42	22.96	7.05	6.00	70.0
MU-4	120898	0726	0.5	0.21	0.42	22.96	7.04	5.95	69.4
MU-4	120898	0726	0.7	0.21	0.42	22.92	7.04	5.86	68.3
MU-4	120898	1144	0.2	0.20	0.41	23.65	6.92	5.89	69.6
MU-4	120898	1145	0.4	0.21	0.41	23.48	6.90	5.53	64.9
MU-4	120898	1146	0.5	0.23	0.45	22.48	6.84	4.84	56.1
MU-5	120898	0703	0.2	0.86	1.62	23.42	7.21	6.60	78.0
MU-5	120898	0704	0.7	1.33	2.47	24.17	7.17	6.17	74.2
MU-5	120898	0704	1.2	1.43	2.65	24.22	7.19	6.17	74.3
MU-5	120898	1208	0.2	0.78	1.47	24.40	7.12	6.68	80.1
MU-5	120898	1209	0.5	0.78	1.47	24.30	7.13	6.61	79.4
MU-5	120898	1210	0.7	0.78	1.46	24.32	7.14	6.60	79.3

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	120998	0631	27.34944	-82.58139	27.34863	-82.58202	3.2			
10-1	120998	1238	27.34944	-82.58139	27.34962	-82.58093	3.0	2.2	982461	0.33
10-2	120998	0609	27.34167	-82.56889	27.34163	-82.56938	0.9			
10-2	120998	1318	27.34167	-82.56889	27.34083	-82.56870	0.9	>B	982454	0.63
10-3	120998	0553	27.33472	-82.57833	27.33400	-82.57903	5.7			
10-3	120998	1338	27.33472	-82.57833	27.33438	-82.57883	5.2	1.7	982458	0.65
10-4	120998	0757	27.32806	-82.56194	27.32890	-82.56272	5.1			
10-4	120998	1026	27.32806	-82.56194	27.32883	-82.56208	2.1	>B	982459	0.59
10-5	120998	0737	27.30500	-82.54972	27.30568	-82.55012	1.8			
10-5	120998	1112	27.30500	-82.54972	27.17383	-82.54775	1.0	>B	982460	0.79
11-1	120998	0641	27.36389	-82.56917	27.36378	-82.56948	3.4			
11-1	120998	1219	27.36389	-82.56917	27.36422	-82.56860	3.0	1.9	982455	0.63
11-2	120998	0621	27.34639	-82.56722	27.34645	-82.56678	3.5			
11-2	120998	1257	27.34639	-82.56722	27.34725	-82.56687	3.0	1.9	982453	0.49
11-3	120998	0657	27.34056	-82.55667	27.34055	-82.55690	2.6			
11-3	120998	1158	27.34056	-82.55667	27.34025	-82.55600	2.2	2.0	982462	0.65
11-4	120998	0713	27.32722	-82.54861	27.32757	-82.54895	3.9			
11-4	120998	1136	27.32722	-82.54861	27.32815	-82.54820	3.6	2.0	982457	0.75
11-5	120998	0726	27.31000	-82.54556	27.30997	-82.54583	2.6			
11-5	120998	1048	27.31000	-82.54556	27.30997	-82.54517	2.5	2.0	982463	0.63
13-1	120998	0542	27.19083	-82.54361	27.29357	-82.54668	2.0			
13-1	120998	1300	27.19083	-82.54361	27.29347	-82.54708	1.8	>B	982465	0.72
13-2	120998	0553	27.28389	-82.54750	27.28423	-82.54742	1.7			
13-2	120998	1248	27.28389	-82.54750	27.28367	-82.54732	1.4	>B	982468	0.61
13-3	120998	0605	27.27000	-82.54472	27.26988	-82.54452	1.8			
13-3	120998	1227	27.27000	-82.54472	27.26985	-82.54557	1.5	0.9	982474	1.28
13-4	120998	0624	27.25611	-82.53694	27.25817	-82.53435	2.1			
13-4	120998	1207	27.25611	-82.53694	27.25757	-82.53447	1.5	>B	982470	0.96
13-5	120998	0634	27.25028	-82.52917	27.25050	-82.52885	1.4			
13-5	120998	1143	27.25028	-82.52917	27.25012	-82.52837	0.8	>B	982473	0.86
14-1	120998	0643	27.23556	-82.52139	27.23567	-82.52145	1.8			
14-1	120998	1130	27.23556	-82.52139	27.23538	-82.52155	1.4	>B	982467	0.96
14-2	120998	0652	27.23028	-82.50972	27.23050	-82.50972	1.7			
14-2	120998	1114	27.23028	-82.50972	27.23055	-82.50908	1.5	>B	982472	0.95
14-3	120998	0702	27.20667	-82.50444	27.20627	-82.50510	0.5			
14-3	120998	1037	27.20667	-82.50444	27.20578	-82.50398	1.1	>B	982469	1.22
14-4	120998	0712	27.19778	-82.49722	27.19765	-82.49732	1.7			
14-4	120998	1054	27.19778	-82.49722	27.19730	-82.49692	1.5	>B	982471	0.89
14-5	120998	0732	27.18306	-82.49667	27.18327	-82.49697	0.8			
14-5	120998	1010	27.18306	-82.49667	27.18440	-82.49802	0.8	>B	982466	0.92
16-1	120898	0554	27.16972	-82.48861	27.17040	-82.48783	4.2			
16-1	120898	1352	27.16972	-82.48861	27.16978	-82.48798	3.4	1.6	982433	0.88
16-2	120898	0604	27.16472	-82.48639	27.16278	-82.48517	1.4			

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
16-2	120898	1337	27.16472	-82.48639	27.16465	-82.48590	1.1	>B	982440	0.81
16-3	120898	0614	27.15250	-82.47861	27.15262	-82.47883	2.4			
16-3	120898	1320	27.15250	-82.47861	27.15305	-82.47833	2.9	1.8	982431	0.70
16-4	120898	0623	27.14028	-82.47333	27.13980	-82.47102	1.9			
16-4	120898	1305	27.14028	-82.47333	27.14073	-82.47095	2.7	1.8	982435	0.65
16-5	120898	0633	27.13278	-82.46944	27.13263	-82.46980	3.4			
16-5	120898	1250	27.13278	-82.46944	27.13290	-82.46917	1.2	>B	982438	0.65
LB-1	120898	0711	27.03917	-82.42972	27.03983	-82.42900	0.8			
LB-1	120898	1202	27.03917	-82.42972	27.03972	-82.42888	1.1	>B	982441	0.97
LB-2	120898	0721	27.01750	-82.41528	27.01750	-82.41488	1.0			
LB-2	120898	1144	27.01750	-82.41528	27.01793	-82.41510	1.7	>B	982437	0.95
LB-3	120898	0732	26.99611	-82.40333	26.99645	-82.40352	1.5			
LB-3	120898	1125	26.99611	-82.40333	26.99643	-82.40287	1.1	>B	982436	0.54
LB-4	120898	0742	26.98167	-82.38889	26.98190	-82.38882	3.5			
LB-4	120898	1104	26.98167	-82.38889	26.98175	-82.38892	3.0	1.7	982439	1.11
LB-5	120898	0752	26.95000	-82.36472	26.95003	-82.36480	2.9			
LB-5	120898	1039	26.95000	-82.36472	26.95017	-82.36512	2.0	1.6	982434	0.73
ML-1	120898	0646	27.03917	-82.28500	27.03898	-82.28503	1.1			
ML-1	120898	1237	27.03917	-82.28500	27.03890	-82.28570	0.6	>B	982451	6.41
ML-2	120898	0635	27.03222	-82.27917	27.03257	-82.27875	1.1			
ML-2	120898	1320	27.03222	-82.27917	27.03247	-82.27892	0.7	>B	982444	4.48
ML-3	120898	0627	27.03000	-82.27111	27.02977	-82.27127	2.6			
ML-3	120898	1339	27.03000	-82.27111	27.03002	-82.27103	1.5	0.8	982446	3.16
ML-4	120898	0617	27.02444	-82.27194	27.02450	-82.27250	2.8			
ML-4	120898	1358	27.02444	-82.27194	27.02382	-82.27290	1.0	>B	982442	2.87
ML-5	120898	0559	27.00917	-82.26944	27.00897	-82.26898	0.8			
ML-5	120898	1419	27.00917	-82.26944	27.01093	-82.26835	0.8	>B	982447	3.02
MU-1	120898	0807	27.09889	-82.33306	27.09890	-82.33275	2.4			
MU-1	120898	1022	27.09889	-82.33306	27.09883	-82.33310	2.6	1.0	982448	3.24
MU-2	120898	0756	27.08667	-82.32806	27.08732	-82.32787	2.9			
MU-2	120898	1053	27.08667	-82.32806	27.08708	-82.32770	3.3	1.2	982452	3.15
MU-3	120898	0734	27.06639	-82.31333	27.06648	-82.31443	2.1			
MU-3	120898	1127	27.06639	-82.31333	27.06637	-82.31395	1.7	1.1	982449	3.23
MU-4	120898	0725	27.05917	-82.30722	27.06032	-82.30742	0.9			
MU-4	120898	1144	27.05917	-82.30722	27.06012	-82.30740	0.7	>B	982443	3.24
MU-5	120898	0703	27.04722	-82.29528	27.04810	-82.29480	1.4			
MU-5	120898	1208	27.04722	-82.29528	27.04848	-82.29415	0.9	>B	982450	3.06

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	1.0M	1237	982461	12/9/1998	0.008	U0.005	U0.005	0.09	0.09	0.016	U0.05	0.9	4	2.0	6	8.22	2.1	U0.5	33.3
10-2	MID	1318	982454	12/9/1998	0.011	U0.005	U0.005	U0.05	U0.05	0.016	0.06	0.8	5	3.2	6	8.21	3.2	1.0	33.4
10-3	1.0M	1337	982458	12/9/1998	0.016	U0.005	U0.005	U0.05	U0.05	0.016	U0.05	0.8	6	3.4	6	8.21	2.7	0.9	33.4
10-4	1.0M	1020	982459	12/9/1998	0.005	U0.005	0.009	0.05	0.06	0.018	U0.05	0.9	U2	2.2	6	8.17	2.4	1.0	33.1
10-4 REP	1.0M	1033	982456	12/9/1998	0.012	U0.005	U0.005	U0.05	U0.05	0.017	U0.05	0.9	3	2.1	6	8.19	2.5	U0.5	NA
10-5	MID	1111	982460	12/9/1998	0.022	0.007	U0.005	0.15	0.15	0.033	0.07	1.0	7	2.2	10	8.09	3.5	U0.5	31.8
11-1	1.0M	1219	982455	12/9/1998	U0.005	U0.005	U0.005	0.13	0.13	0.016	0.07	1.2	4	2.2	11	8.34	3.5	U0.5	32.9
11-2	1.0M	1257	982453	12/9/1998	0.008	U0.005	U0.005	U0.05	U0.05	0.017	0.05	0.9	9	2.5	8	8.16	2.8	U0.5	33.3
11-3	1.0M	1158	982462	12/9/1998	0.007	U0.005	0.009	0.05	0.06	0.021	0.05	0.7	7	2.6	8	8.16	3.3	0.6	33.1
11-4	1.0M	1135	982457	12/9/1998	0.010	U0.005	U0.005	0.07	0.07	0.019	0.07	0.6	6	3.1	7	8.15	3.8	1.5	33.2
11-5	1.0M	1048	982463	12/9/1998	0.026	0.008	0.007	0.16	0.17	0.036	0.08	0.9	7	2.3	11	8.05	2.9	1.0	31.7
13-1	MID	1302	982465	12/9/1998	0.045	0.019	0.021	0.20	0.22	0.053	0.10	0.9	4	2.4	11	8.01	3.7	0.7	29.6
13-1 REP	MID	1308	982464	12/9/1998	0.042	0.019	0.021	0.21	0.23	0.054	0.10	0.8	3	2.4	11	7.99	4.1	0.6	NA
13-2	MID	1247	982468	12/9/1998	0.037	0.020	0.021	0.28	0.30	0.058	0.12	0.9	2	2.2	14	7.97	3.5	U0.5	29.2
13-3	MID	1227	982474	12/9/1998	0.022	0.015	0.018	0.39	0.41	0.048	0.14	2.1	8	4.6	14	8.01	11.7	1.6	29.8
13-4	MID	1208	982470	12/9/1998	0.043	0.016	0.017	0.22	0.24	0.052	0.14	1.0	7	4.2	14	8.01	4.9	1.8	29.3
13-5	MID	1144	982473	12/9/1998	0.034	0.011	0.012	0.27	0.28	0.049	0.13	0.9	8	5.0	13	8.01	5.6	1.7	29.3
14-1	MID	1129	982467	12/9/1998	0.018	0.006	0.007	0.27	0.28	0.049	0.14	0.9	11	7.2	15	7.98	6.1	1.7	29.2
14-2	MID	1113	982472	12/9/1998	0.012	U0.005	0.006	0.31	0.32	0.044	0.11	1.3	4	3.4	14	8.06	5.4	0.8	29.0
14-3	MID	1040	982469	12/9/1998	U0.005	U0.005	U0.005	0.38	0.38	0.033	0.12	1.9	6	4.0	20	8.03	8.2	2.6	29.0
14-4	MID	1053	982471	12/9/1998	U0.005	U0.005	U0.005	0.26	0.26	0.026	0.09	1.3	6	3.2	12	8.13	4.2	1.5	30.1
14-5	MID	1010	982466	12/9/1998	U0.005	U0.005	U0.005	0.26	0.26	0.025	0.09	1.2	5	3.4	13	8.19	5.4	1.3	30.6

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	1.0M	1351	982433	12/8/1998	0.013	U0.005	U0.005	0.23	0.23	0.024	0.13	1.3	5	3.7	15	8.20	6.7	1.7	31.6
16-1 REP	1.0M	1401	982432	12/8/1998	0.005	U0.005	U0.005	0.18	0.18	0.024	0.13	1.4	6	3.5	12	8.14	6.7	1.7	NA
16-2	MID	1336	982440	12/8/1998	0.025	U0.005	U0.005	0.22	0.22	0.024	0.12	1.3	6	4.1	12	8.24	5.8	1.4	31.8
16-3	1.0M	1319	982431	12/8/1998	0.013	U0.005	U0.005	0.11	0.11	0.023	0.12	1.2	4	3.4	12	8.13	5.6	1.4	32.3
16-4	1.0M	1305	982435	12/8/1998	0.014	U0.005	0.005	0.11	0.12	0.021	0.11	1.2	6	3.3	11	8.16	5.0	0.9	32.6
16-5	MID	1248	982438	12/8/1998	0.014	U0.005	0.005	0.13	0.14	0.022	0.11	0.9	6	3.1	10	8.12	4.8	0.6	32.6
LB-1	MID	1201	982441	12/8/1998	0.024	0.008	0.008	0.31	0.32	0.096	0.22	1.6	6	3.0	26	7.95	6.4	1.5	25.8
LB-2	MID	1143	982437	12/8/1998	0.015	U0.005	U0.005	0.48	0.48	0.091	0.25	3.2	5	3.5	25	8.04	12.5	2.1	25.9
LB-3	MID	1125	982436	12/8/1998	0.011	U0.005	U0.005	0.47	0.47	0.091	0.23	2.9	6	3.2	25	8.07	11.4	2.2	25.7
LB-4	1.0M	1103	982439	12/8/1998	0.060	U0.005	U0.005	0.32	0.32	0.078	0.20	2.9	5	2.6	21	8.15	11.2	1.0	26.7
LB-5	MID	1039	982434	12/8/1998	0.042	U0.005	0.005	0.21	0.22	0.044	0.15	1.7	5	2.8	17	8.17	9.4	2.0	29.6
ML-1	MID	1233	982451	12/8/1998	0.020	0.025	0.024	1.11	1.13	0.244	0.37	2.4	16	6.8	180	7.38	26.0	4.0	1.41
ML-2	MID	1320	982444	12/8/1998	0.029	0.044	0.041	0.88	0.92	0.238	0.31	1.5	3	3.4	140	7.47	8.1	2.5	1.60
ML-3	MID	1339	982446	12/8/1998	0.039	0.058	0.056	0.84	0.90	0.244	0.31	1.6	U2	2.1	140	7.42	7.8	1.0	1.58
ML-4	MID	1358	982442	12/8/1998	0.031	0.045	0.041	0.84	0.88	0.209	0.28	1.4	2	3.0	130	7.53	10.3	2.3	1.44
ML-5	MID	1419	982447	12/8/1998	0.043	0.054	0.052	0.81	0.86	0.232	0.30	1.3	U2	2.3	160	7.32	6.7	1.4	1.89
MU-1	1.0M	1022	982448	12/8/1998	0.046	0.067	0.064	1.01	1.07	0.276	0.34	0.8	U2	1.4	140	7.21	1.4	1.5	0.12
MU-1 REP	1.0M	1030	982445	12/8/1998	0.042	0.066	0.062	1.01	1.07	0.284	0.34	1.0	U2	1.3	170	7.33	1.6	0.8	NA
MU-2	1.0M	1053	982452	12/8/1998	0.042	0.081	0.077	1.02	1.10	0.287	0.34	0.9	U2	3.2	170	7.25	1.4	2.0	0.13
MU-3	MID	1125	982449	12/8/1998	0.050	0.084	0.080	0.99	1.07	0.290	0.34	0.9	U2	1.6	150	7.22	0.7	1.0	0.13
MU-4	MID	1144	982443	12/8/1998	0.024	0.058	0.054	1.05	1.10	0.276	0.33	1.4	U2	1.8	140	7.22	3.7	1.6	0.20
MU-5	MID	1208	982450	12/8/1998	0.035	0.060	0.057	0.90	0.96	0.257	0.33	1.6	4	3.6	160	7.36	9.8	2.3	0.78
EQP BLK		1455	982475	12/9/1998	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.78	U0.5	U0.5	NA
EQP BLK		0815	982476	12/9/1998	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.79	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rainfall		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)
			Begin (EST)	End (EST)	No	Yes	Min	Max				
120898	AM	16	0554	0633	0		0		21.8	60 - 80	<5 - 5	<0.5 - 0.5
120898	PM	16	1250	1352	0		5	- 10		180 - 215	5	<0.5
120898	AM	LB	0711	0752	0		0	- 5		60 - 150	<5 - 5	<0.5 - 0.5
120898	PM	LB	1039	1202	0		5	- 10		130 - 150	5 - 10	<0.5
120898	AM	ML	0559	0646	0		0	- 10	21.2	-	<5	<0.5
120898	PM	ML	1237	1419	0		10	- 25		135	<5 - 5	<0.5 - 0.5
120898	AM	MU	0703	0807	0		10	- 15		-	<5	<0.5
120898	PM	MU	1022	1208	0		0	- 20	20.8	135	<5 - 5	<0.5
120998	AM	10	0553	0757	0		0	- 5	23.8	90 - 100	<5 - 5	<0.5
120998	PM	10	1026	1338	0		0	- 45	21.1	0 - 240	<5 - 5	<0.5
120998	AM	11	0621	0726	0		0	- 5		95 - 100	5	<0.5 - 0.5
120998	PM	11	1048	1257	0		0	- 50		210 - 240	<5 - 5	<0.5
120998	AM	13	0542	0634	0		0		23.6	-	<5	<0.5
120998	PM	13	1143	1300	0		10	- 40		80 - 90	<5	<0.5 - 0.5
120998	AM	14	0643	0732	0		0			90	<5 - 5	<0.5 - 0.5
120998	PM	14	1010	1130	0		0	- 5	23.3	80 - 90	<5 - 5	<0.5 - 0.5

Hydrolab Minisonde Continuous Deployment at Station 11-5
December 08-09, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
11-5	120898	1515	24.24	7.83	49860	32.6	96.8	6.7
11-5	120898	1530	24.25	7.89	50131	32.8	97.1	6.7
11-5	120898	1545	24.25	7.91	50206	32.9	97.9	6.7
11-5	120898	1600	24.24	7.93	50270	32.9	99.0	6.8
11-5	120898	1615	24.22	7.95	50299	33.0	99.4	6.8
11-5	120898	1630	24.22	7.95	50303	33.0	99.2	6.8
11-5	120898	1645	24.21	7.95	50335	33.0	98.5	6.8
11-5	120898	1700	24.17	7.95	50369	33.0	97.2	6.7
11-5	120898	1715	24.12	7.96	50432	33.1	95.8	6.6
11-5	120898	1730	24.09	7.95	50426	33.1	94.6	6.5
11-5	120898	1745	24.09	7.96	50416	33.1	94.2	6.5
11-5	120898	1800	24.09	7.96	50421	33.1	93.8	6.5
11-5	120898	1815	24.09	7.96	50416	33.1	93.3	6.4
11-5	120898	1830	24.09	7.95	50410	33.0	93.0	6.4
11-5	120898	1845	24.08	7.95	50412	33.1	92.7	6.4
11-5	120898	1900	24.08	7.95	50425	33.1	92.6	6.4
11-5	120898	1915	24.08	7.95	50426	33.1	91.9	6.3
11-5	120898	1930	24.08	7.95	50428	33.1	90.2	6.2
11-5	120898	1945	24.13	7.94	50508	33.1	88.2	6.1
11-5	120898	2000	24.17	7.94	50629	33.2	87.3	6.0
11-5	120898	2015	24.18	7.94	50654	33.2	87.8	6.0
11-5	120898	2030	24.18	7.94	50623	33.2	89.2	6.1
11-5	120898	2045	24.17	7.94	50616	33.2	88.6	6.1
11-5	120898	2100	24.17	7.94	50636	33.2	86.8	6.0
11-5	120898	2115	24.17	7.93	50656	33.2	85.6	5.9
11-5	120898	2130	24.17	7.94	50657	33.2	85.7	5.9
11-5	120898	2145	24.17	7.93	50663	33.2	84.8	5.8
11-5	120898	2200	24.17	7.94	50649	33.2	86.7	5.9
11-5	120898	2215	24.17	7.94	50615	33.2	87.6	6.0
11-5	120898	2230	24.16	7.94	50559	33.2	86.6	5.9
11-5	120898	2245	24.16	7.92	50594	33.2	82.2	5.6
11-5	120898	2300	24.16	7.92	50616	33.2	82.4	5.7
11-5	120898	2315	24.17	7.92	50616	33.2	82.5	5.7
11-5	120898	2330	24.18	7.91	50645	33.2	79.1	5.4

Hydrolab Minisonde Continuous Deployment at Station 11-5
December 08-09, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
11-5	120898	2345	24.17	7.91	50652	33.2	79.4	5.5
11-5	120998	0000	24.17	7.91	50681	33.2	79.1	5.4
11-5	120998	0015	24.16	7.92	50727	33.3	81.3	5.6
11-5	120998	0030	24.15	7.92	50724	33.3	80.5	5.5
11-5	120998	0045	24.15	7.92	50737	33.3	80.2	5.5
11-5	120998	0100	24.15	7.92	50747	33.3	81.0	5.6
11-5	120998	0115	24.15	7.92	50743	33.3	80.6	5.5
11-5	120998	0130	24.15	7.92	50717	33.3	80.6	5.5
11-5	120998	0145	24.16	7.93	50711	33.3	81.5	5.6
11-5	120998	0200	24.16	7.92	50699	33.3	80.1	5.5
11-5	120998	0215	24.16	7.92	50699	33.3	79.8	5.5
11-5	120998	0230	24.14	7.92	50695	33.3	79.9	5.5
11-5	120998	0245	24.08	7.92	50746	33.3	79.9	5.5
11-5	120998	0300	24.08	7.92	50741	33.3	78.6	5.4
11-5	120998	0315	24.07	7.92	50745	33.3	78.6	5.4
11-5	120998	0330	24.06	7.92	50742	33.3	78.7	5.4
11-5	120998	0345	24.06	7.92	50739	33.3	78.1	5.4
11-5	120998	0400	24.05	7.91	50752	33.3	77.8	5.4
11-5	120998	0415	24.06	7.91	50739	33.3	77.2	5.3
11-5	120998	0430	24.06	7.91	50748	33.3	78.2	5.4
11-5	120998	0445	24.06	7.91	50751	33.3	78.5	5.4
11-5	120998	0500	24.06	7.91	50753	33.3	77.7	5.3
11-5	120998	0515	24.07	7.91	50749	33.3	76.3	5.2
11-5	120998	0530	24.07	7.91	50726	33.3	76.0	5.2
11-5	120998	0545	24.11	7.89	50762	33.3	73.4	5.0
11-5	120998	0600	24.09	7.88	50778	33.3	71.6	4.9
11-5	120998	0615	24.05	7.89	50760	33.3	72.9	5.0
11-5	120998	0630	23.94	7.90	50657	33.2	75.2	5.2
11-5	120998	0645	23.94	7.89	50649	33.2	74.0	5.1
11-5	120998	0700	23.99	7.88	50678	33.2	72.3	5.0
11-5	120998	0715	23.99	7.88	50693	33.3	70.7	4.9
11-5	120998	0730	24.00	7.87	50682	33.3	69.7	4.8
11-5	120998	0745	23.99	7.87	50657	33.2	68.5	4.7
11-5	120998	0800	23.98	7.86	50674	33.2	67.3	4.6
11-5	120998	0815	23.98	7.86	50660	33.2	67.3	4.6

Hydrolab Minisonde Continuous Deployment at Station 11-5
December 08-09, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
11-5	120998	0830	23.94	7.86	50611	33.2	67.3	4.6
11-5	120998	0845	23.91	7.86	50580	33.2	67.2	4.6
11-5	120998	0900	23.92	7.86	50555	33.2	66.7	4.6
11-5	120998	0915	23.88	7.85	50525	33.1	66.3	4.6
11-5	120998	0930	23.93	7.86	50553	33.2	67.3	4.6
11-5	120998	0945	23.93	7.85	50532	33.1	67.4	4.6
11-5	120998	1000	23.92	7.86	50510	33.1	68.3	4.7
11-5	120998	1015	23.94	7.86	50493	33.1	69.5	4.8
11-5	120998	1030	23.98	7.86	50504	33.1	70.4	4.9
11-5	120998	1045	24.02	7.87	50501	33.1	71.5	4.9
11-5	120998	1100	24.07	7.87	50503	33.1	72.7	5.0
11-5	120998	1115	24.11	7.87	50465	33.1	72.5	5.0
11-5	120998	1130	24.13	7.86	50450	33.1	71.3	4.9
11-5	120998	1145	24.14	7.87	50439	33.1	72.3	5.0
11-5	120998	1200	24.17	7.89	50436	33.1	77.2	5.3
11-5	120998	1215	24.23	7.90	50434	33.1	80.0	5.5
11-5	120998	1230	24.26	7.91	50466	33.1	81.0	5.6
11-5	120998	1245	24.29	7.91	50520	33.1	80.5	5.5
11-5	120998	1300	24.27	7.91	50528	33.1	79.3	5.4
11-5	120998	1315	24.31	7.91	50530	33.1	79.5	5.4
11-5	120998	1330	24.35	7.91	50515	33.1	82.1	5.6
11-5	120998	1345	24.38	7.91	50509	33.1	82.2	5.6
11-5	120998	1400	24.36	7.91	50495	33.1	82.4	5.6
11-5	120998	1415	24.38	7.92	50485	33.1	83.1	5.7
11-5	120998	1430	24.42	7.92	50483	33.1	84.2	5.8
11-5	120998	1445	24.44	7.93	50465	33.1	84.9	5.8
11-5	120998	1500	24.47	7.93	50501	33.1	85.2	5.8
11-5	120998	1515	24.47	7.93	50481	33.1	84.9	5.8

Hydrolab DS3 Continuous Deployment at Station ML-1
December 07-08, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
ML-1	120798	1230	25.37	6.84	2958	1.60	85.5	6.9
ML-1	120798	1245	25.33	7.01	2930	1.60	75.5	6.1
ML-1	120798	1300	25.35	7.04	2902	1.60	78.6	6.4
ML-1	120798	1315	25.59	7.05	2896	1.60	80.9	6.5
ML-1	120798	1330	25.71	7.06	2879	1.60	82.2	6.6
ML-1	120798	1345	25.63	7.03	2878	1.60	85.0	6.9
ML-1	120798	1400	25.84	7.04	2899	1.60	87.5	7.1
ML-1	120798	1415	26.13	7.03	2885	1.60	88.5	7.1
ML-1	120798	1430	26.42	6.98	2861	1.50	87.6	7.0
ML-1	120798	1445	26.79	7.01	2857	1.50	90.3	7.2
ML-1	120798	1500	26.87	7.01	2858	1.50	90.6	7.2
ML-1	120798	1515	27.01	7.04	2841	1.50	90.8	7.2
ML-1	120798	1530	27.05	7.04	2842	1.50	88.5	7.0
ML-1	120798	1545	27.12	7.07	2834	1.50	94.6	7.5
ML-1	120798	1600	27.22	7.14	2826	1.50	93.2	7.3
ML-1	120798	1615	27.37	7.20	2819	1.50	98.0	7.7
ML-1	120798	1630	27.47	7.26	2802	1.50	97.8	7.7
ML-1	120798	1645	27.39	7.24	2791	1.50	98.2	7.7
ML-1	120798	1700	27.31	7.20	2772	1.50	93.7	7.4
ML-1	120798	1715	27.27	7.21	2743	1.50	93.5	7.3
ML-1	120798	1730	27.12	7.18	2695	1.50	94.6	7.4
ML-1	120798	1745	27.08	7.16	2657	1.40	89.4	7.1
ML-1	120798	1800	27.03	7.16	2657	1.40	84.5	6.7
ML-1	120798	1815	26.99	7.16	2628	1.40	83.7	6.6
ML-1	120798	1830	26.93	7.17	2581	1.40	85.7	6.8
ML-1	120798	1845	26.89	7.19	2516	1.40	87.6	6.9
ML-1	120798	1900	26.85	7.17	2515	1.40	89.8	7.1
ML-1	120798	1915	26.82	7.17	2497	1.30	84.4	6.7
ML-1	120798	1930	26.78	7.17	2478	1.30	84.8	6.7
ML-1	120798	1945	26.70	7.17	2421	1.30	85.5	6.8
ML-1	120798	2000	26.68	7.18	2412	1.30	84.7	6.7
ML-1	120798	2015	26.65	7.18	2402	1.30	83.1	6.6
ML-1	120798	2030	26.61	7.20	2392	1.30	84.5	6.7
ML-1	120798	2045	26.49	7.24	2373	1.30	86.1	6.9

Hydrolab DS3 Continuous Deployment at Station ML-1
December 07-08, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
ML-1	120798	2100	26.49	7.22	2373	1.30	82.7	6.6
ML-1	120798	2115	25.76	7.16	2263	1.20	76.7	6.2
ML-1	120798	2130	25.56	7.18	2197	1.20	77.4	6.3
ML-1	120798	2145	25.54	7.18	2298	1.20	76.5	6.2
ML-1	120798	2200	25.50	7.19	2325	1.20	76.2	6.2
ML-1	120798	2215	25.46	7.18	2435	1.30	73.1	5.9
ML-1	120798	2230	25.48	7.18	2481	1.30	73.6	6.0
ML-1	120798	2245	25.44	7.18	2490	1.30	72.2	5.9
ML-1	120798	2300	25.43	7.18	2490	1.30	72.5	5.9
ML-1	120798	2315	25.37	7.18	2498	1.30	72.5	5.9
ML-1	120798	2330	25.30	7.17	2525	1.40	71.7	5.8
ML-1	120798	2345	25.28	7.16	2525	1.40	67.4	5.5
ML-1	120898	0000	25.18	7.16	2478	1.30	66.3	5.4
ML-1	120898	0015	25.20	7.15	2478	1.30	66.5	5.4
ML-1	120898	0030	25.00	7.00	2467	1.30	60.1	4.9
ML-1	120898	0045	24.83	6.96	2447	1.30	56.0	4.6
ML-1	120898	0100	24.83	6.94	2456	1.30	54.3	4.5
ML-1	120898	0115	24.80	6.92	2456	1.30	51.5	4.2
ML-1	120898	0130	24.72	6.91	2474	1.30	50.0	4.1
ML-1	120898	0145	24.73	6.90	2474	1.30	47.8	3.9
ML-1	120898	0200	24.74	6.90	2474	1.30	45.7	3.8
ML-1	120898	0215	24.69	6.98	2373	1.30	58.5	4.8
ML-1	120898	0230	24.69	7.02	2373	1.30	63.7	5.3
ML-1	120898	0245	24.69	7.00	2363	1.30	69.2	5.7
ML-1	120898	0300	24.61	7.00	2363	1.30	62.3	5.1
ML-1	120898	0315	24.59	7.02	2363	1.30	59.0	4.9
ML-1	120898	0330	24.63	7.02	2354	1.30	60.0	5.0
ML-1	120898	0345	24.59	7.05	2344	1.30	60.2	5.0

Hydrolab DS3 Continuous Deployment at Station ML-1
December 07-08, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
ML-1	120898	0400	24.59	7.00	2363	1.30	56.0	4.6
ML-1	120898	0415	24.56	7.04	2353	1.30	59.8	4.9
ML-1	120898	0430	24.52	7.14	2582	1.40	64.7	5.3
ML-1	120898	0445	24.58	7.15	2756	1.50	66.6	5.5
ML-1	120898	0500	24.47	7.17	2764	1.50	66.7	5.5
ML-1	120898	0515	24.43	7.18	2800	1.50	68.2	5.6
ML-1	120898	0530	24.39	7.19	2809	1.50	68.5	5.7
ML-1	120898	0545	24.35	7.19	2846	1.50	67.4	5.6
ML-1	120898	0600	24.34	7.19	2854	1.50	65.8	5.5
ML-1	120898	0615	24.30	7.18	2881	1.60	62.1	5.2
ML-1	120898	0630	24.24	7.18	2927	1.60	61.2	5.1
ML-1	120898	0645	24.25	7.19	2982	1.60	60.6	5.0
ML-1	120898	0700	24.24	7.18	3010	1.60	59.3	4.9
ML-1	120898	0715	24.25	7.18	3027	1.60	56.2	4.7
ML-1	120898	0730	24.12	7.17	2999	1.60	58.8	4.9
ML-1	120898	0745	23.48	7.09	2819	1.50	57.2	4.8
ML-1	120898	0800	22.42	6.97	2393	1.30	51.0	4.4
ML-1	120898	0815	22.47	6.96	2403	1.30	49.1	4.2
ML-1	120898	0830	22.15	6.90	2410	1.30	50.0	4.3
ML-1	120898	0845	22.02	6.89	2400	1.30	48.9	4.2
ML-1	120898	0900	22.00	6.88	2400	1.30	46.7	4.1
ML-1	120898	0915	22.00	6.88	2399	1.30	42.6	3.7
ML-1	120898	0930	21.96	6.87	2399	1.30	43.3	3.8
ML-1	120898	0945	21.99	6.87	2400	1.30	43.6	3.8
ML-1	120898	1000	22.06	6.87	2409	1.30	41.9	3.6
ML-1	120898	1015	22.13	6.87	2410	1.30	43.5	3.8
ML-1	120898	1030	22.22	6.87	2419	1.30	44.8	3.9
ML-1	120898	1045	22.27	6.86	2429	1.30	47.7	4.1
ML-1	120898	1100	22.47	6.87	2448	1.30	50.0	4.3
ML-1	120898	1115	22.91	6.91	2496	1.30	56.2	4.8
ML-1	120898	1130	23.15	6.92	2507	1.30	55.9	4.7
ML-1	120898	1145	23.70	6.96	2511	1.30	59.7	5.0
ML-1	120898	1200	23.94	6.99	2549	1.40	64.1	5.4
ML-1	120898	1215	24.14	6.97	2542	1.40	64.7	5.4

Hydrolab DS3 Continuous Deployment at Station ML-1

December 07-08, 1998

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
ML-1	120898	1230	24.52	7.01	2554	1.40	68.7	5.7
ML-1	120898	1245	24.81	7.04	2575	1.40	71.8	5.9
ML-1	120898	1300	24.94	7.09	2586	1.40	73.9	6.1

Hydrolab DS3 Continuous Deployment at Station ML-4
December 07-08, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
ML-4	120798	1145	24.48	7.27	3496	1.90	74.8	6.2
ML-4	120798	1200	24.54	7.38	3440	1.90	76.2	6.3
ML-4	120798	1215	24.59	7.41	3393	1.80	77.7	6.4
ML-4	120798	1230	24.65	7.42	3262	1.80	84.5	6.9
ML-4	120798	1245	24.70	7.43	3158	1.70	84.1	6.9
ML-4	120798	1300	24.77	7.45	3093	1.70	84.7	7.0
ML-4	120798	1315	24.79	7.47	2999	1.60	85.6	7.0
ML-4	120798	1330	24.83	7.47	2923	1.60	86.3	7.1
ML-4	120798	1345	24.90	7.47	2886	1.60	86.0	7.0
ML-4	120798	1400	25.03	7.50	2859	1.50	89.2	7.3
ML-4	120798	1415	25.09	7.49	2775	1.50	89.2	7.3
ML-4	120798	1430	25.14	7.47	2737	1.50	87.4	7.1
ML-4	120798	1445	25.14	7.43	2756	1.50	85.1	7.0
ML-4	120798	1500	25.22	7.47	2729	1.50	88.5	7.2
ML-4	120798	1515	25.35	7.44	3062	1.70	91.3	7.4
ML-4	120798	1530	25.33	7.44	3081	1.70	91.1	7.4
ML-4	120798	1545	25.33	7.43	3128	1.70	-	-
ML-4	120798	1600	25.53	7.43	3321	1.80	90.3	7.3
ML-4	120798	1615	25.59	7.43	3454	1.90	91.9	7.4
ML-4	120798	1630	26.04	7.50	3956	2.20	97.7	7.8
ML-4	120798	1645	26.17	7.51	4291	2.30	98.2	7.8
ML-4	120798	1700	25.87	7.44	4447	2.40	93.8	7.5
ML-4	120798	1715	25.87	7.44	4646	2.50	92.9	7.4
ML-4	120798	1730	25.85	7.43	4912	2.70	92.3	7.4
ML-4	120798	1745	25.85	7.43	5396	3.00	97.7	7.8
ML-4	120798	1800	25.92	7.44	5721	3.20	98.3	7.8
ML-4	120798	1815	26.05	7.45	6077	3.40	98.2	7.8
ML-4	120798	1830	26.13	7.46	6288	3.50	97.4	7.7
ML-4	120798	1845	26.24	7.48	6491	3.60	99.3	7.8
ML-4	120798	1900	26.30	7.48	6617	3.70	99.9	7.9
ML-4	120798	1915	26.24	7.48	6796	3.80	100.2	7.9
ML-4	120798	1930	26.17	7.48	6945	3.90	101.3	8.0
ML-4	120798	1945	26.13	7.47	7096	3.90	99.7	7.9
ML-4	120798	2000	26.11	7.46	7286	4.10	96.7	7.6
ML-4	120798	2015	26.07	7.45	7428	4.10	97.8	7.7
ML-4	120798	2030	26.04	7.44	7559	4.20	94.7	7.5

Hydrolab DS3 Continuous Deployment at Station ML-4
December 07-08, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
ML-4	120798	2045	26.00	7.43	7672	4.30	95.1	7.5
ML-4	120798	2100	25.98	7.42	7805	4.40	96.2	7.6
ML-4	120798	2115	25.96	7.41	7937	4.40	92.6	7.3
ML-4	120798	2130	25.94	7.40	8060	4.50	91.7	7.2
ML-4	120798	2145	25.94	7.40	8164	4.60	89.2	7.0
ML-4	120798	2200	25.94	7.39	8183	4.60	88.2	7.0
ML-4	120798	2215	25.94	7.39	8136	4.60	91.9	7.3
ML-4	120798	2230	25.91	7.41	7754	4.30	94.8	7.5
ML-4	120798	2245	25.91	7.43	7327	4.10	95.0	7.5
ML-4	120798	2300	25.91	7.43	7127	4.00	96.8	7.7
ML-4	120798	2315	25.89	7.43	6870	3.80	98.2	7.8
ML-4	120798	2330	25.85	7.43	6641	3.70	98.0	7.8
ML-4	120798	2345	25.72	7.44	6333	3.50	98.7	7.9
ML-4	120898	0000	25.64	7.44	6141	3.40	98.3	7.9
ML-4	120898	0015	25.55	7.43	5911	3.30	97.8	7.8
ML-4	120898	0030	25.44	7.43	5766	3.20	97.2	7.8
ML-4	120898	0045	25.40	7.43	5718	3.20	96.5	7.8
ML-4	120898	0100	25.37	7.43	5698	3.10	92.4	7.4
ML-4	120898	0115	25.33	7.41	5716	3.20	91.6	7.4
ML-4	120898	0130	25.27	7.42	5743	3.20	93.9	7.6
ML-4	120898	0145	25.44	7.42	5984	3.30	95.3	7.6
ML-4	120898	0200	25.40	7.43	6069	3.40	96.4	7.7
ML-4	120898	0215	25.35	7.42	6285	3.50	93.3	7.5
ML-4	120898	0230	25.20	7.42	6405	3.50	94.5	7.6
ML-4	120898	0245	25.14	7.40	6678	3.70	92.8	7.5
ML-4	120898	0300	25.11	7.39	6743	3.70	89.7	7.2

Hydrolab DS3 Continuous Deployment at Station ML-4
December 07-08, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
ML-4	120898	0315	25.09	7.39	6847	3.80	92.1	7.4
ML-4	120898	0330	25.03	7.38	7082	3.90	90.7	7.3
ML-4	120898	0345	25.00	7.38	7289	4.10	89.3	7.2
ML-4	120898	0400	25.00	7.37	7469	4.20	87.0	7.0
ML-4	120898	0415	25.07	7.36	7954	4.40	87.5	7.0
ML-4	120898	0430	25.05	7.35	8162	4.60	86.4	6.9
ML-4	120898	0445	24.87	7.35	8487	4.80	85.4	6.9
ML-4	120898	0500	24.81	7.35	8580	4.80	84.4	6.8
ML-4	120898	0515	24.76	7.34	8664	4.90	83.6	6.7
ML-4	120898	0530	24.74	7.33	8852	5.00	80.3	6.5
ML-4	120898	0545	24.74	7.33	8890	5.00	76.6	6.2
ML-4	120898	0600	24.74	7.32	8899	5.00	82.8	6.7
ML-4	120898	0615	24.76	7.32	8834	5.00	81.6	6.6
ML-4	120898	0630	24.77	7.33	8475	4.80	84.5	6.8
ML-4	120898	0645	24.68	7.34	7924	4.40	86.8	7.0
ML-4	120898	0700	24.77	7.35	7595	4.20	86.9	7.0
ML-4	120898	0715	24.79	7.35	7615	4.30	87.4	7.1
ML-4	120898	0730	24.79	7.35	7161	4.00	86.9	7.0
ML-4	120898	0745	24.68	7.37	6534	3.60	90.8	7.4
ML-4	120898	0800	24.65	7.37	6325	3.50	91.4	7.4
ML-4	120898	0815	24.65	7.37	6164	3.40	91.1	7.4
ML-4	120898	0830	24.61	7.37	5955	3.30	92.7	7.6
ML-4	120898	0845	24.57	7.36	5775	3.20	90.7	7.4
ML-4	120898	0900	24.56	7.36	5603	3.10	90.6	7.4
ML-4	120898	0915	24.54	7.36	5424	3.00	90.6	7.4
ML-4	120898	0930	24.50	7.35	5169	2.80	89.9	7.4
ML-4	120898	0945	24.48	7.35	4979	2.70	90.0	7.4
ML-4	120898	1000	24.43	7.36	4714	2.60	89.9	7.4
ML-4	120898	1015	24.39	7.36	4505	2.50	88.0	7.2
ML-4	120898	1030	24.39	7.37	4345	2.40	88.6	7.3
ML-4	120898	1045	24.41	7.39	4147	2.30	90.1	7.4
ML-4	120898	1100	24.39	7.39	4005	2.20	83.9	6.9
ML-4	120898	1115	24.46	7.40	3921	2.10	90.0	7.4
ML-4	120898	1130	24.48	7.41	3827	2.10	89.8	7.4
ML-4	120898	1145	24.52	7.42	3714	2.00	90.6	7.5
ML-4	120898	1200	24.57	7.45	3677	2.00	91.5	7.5

Hydrolab DS3 Continuous Deployment at Station ML-4
December 07-08, 1998
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
ML-4	120898	1215	24.61	7.46	3488	1.90	93.0	7.6
ML-4	120898	1230	24.66	7.47	3423	1.90	94.3	7.7
ML-4	120898	1245	24.74	7.47	3376	1.80	91.6	7.5
ML-4	120898	1300	24.81	7.48	3273	1.80	93.2	7.6
ML-4	120898	1315	24.87	7.50	3132	1.70	96.4	7.9
ML-4	120898	1330	24.94	7.50	3057	1.70	97.8	8.0
ML-4	120898	1345	25.00	7.52	2906	1.60	99.3	8.1
ML-4	120898	1400	25.09	7.51	2851	1.50	101.9	8.3
ML-4	120898	1415	25.11	7.54	2747	1.50	101.8	8.3
ML-4	120898	1430	25.18	7.54	2634	1.40	102.6	8.4

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
10-1	010799	0657	0.2	33.4	50.83	13.71	8.02	8.14	96.4
10-1	010799	0658	1.0	33.4	50.85	13.70	8.02	8.23	97.9
10-1	010799	0659	2.4	33.4	50.87	13.71	8.02	8.38	99.0
10-1	010799	1327	0.2	33.5	50.85	14.78	8.03	8.33	101.5
10-1	010799	1329	1.0	33.5	50.86	14.77	8.03	8.39	102.0
10-1	010799	1330	2.4	33.6	51.12	14.32	8.06	8.52	103.1
10-2	010799	0707	0.2	33.8	51.28	14.00	8.02	7.72	92.5
10-2	010799	0708	0.8	33.8	51.26	14.03	8.02	7.74	93.2
10-2	010799	0709	1.4	33.8	51.27	14.03	8.02	7.72	93.4
10-2	010799	1347	0.2	33.9	51.47	14.83	8.08	8.28	101.1
10-2	010799	1348	0.8	33.9	51.47	14.82	8.08	8.26	101.2
10-2	010799	1350	1.4	33.9	51.47	14.81	8.08	8.33	101.3
10-3	010799	0723	0.2	33.7	51.15	13.91	8.02	7.75	92.6
10-3	010799	0723	1.0	33.7	51.17	13.91	8.02	7.78	92.9
10-3	010799	0725	2.8	33.6	51.10	13.79	8.03	7.92	94.3
10-3	010799	1424	0.2	33.2	50.46	15.53	7.99	7.84	96.7
10-3	010799	1428	1.0	33.2	50.47	15.53	8.00	7.92	97.6
10-3	010799	1429	2.9	33.1	50.33	15.56	7.99	7.95	96.6
10-4	010799	0820	0.2	33.6	51.12	13.96	7.99	7.60	91.0
10-4	010799	0821	0.7	33.7	51.16	13.98	7.99	7.65	91.6
10-4	010799	0821	1.1	33.7	51.17	14.02	7.98	7.72	92.5
10-4	010799	1051	0.2	33.3	50.67	14.24	8.01	7.64	91.9
10-4	010799	1051	1.0	33.4	50.72	14.16	8.01	7.61	92.3
10-4	010799	1053	2.3	33.5	50.89	13.87	8.02	7.66	91.4
10-5	010799	0807	0.2	33.5	50.98	14.08	7.99	7.87	94.3
10-5	010799	0808	1.0	33.6	51.00	14.07	7.99	7.85	94.2
10-5	010799	0809	4.3	33.6	51.03	14.07	7.99	8.33	99.8
10-5	010799	1116	0.2	33.3	50.60	14.13	8.02	8.04	96.4
10-5	010799	1117	1.0	33.3	50.61	14.09	8.02	8.21	98.3
10-5	010799	1117	4.2	33.6	51.12	14.31	8.01	7.89	95.3

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
11-1	010799	0649	0.2	33.7	51.13	14.28	7.98	7.75	93.4
11-1	010799	0650	1.0	33.7	51.14	14.27	7.98	7.84	94.5
11-1	010799	0651	3.5	33.7	51.17	14.28	7.98	7.92	95.2
11-1	010799	1305	0.2	33.9	51.51	14.75	8.03	8.01	97.6
11-1	010799	1306	1.0	33.9	51.51	14.71	8.04	8.09	98.5
11-1	010799	1307	3.2	34.0	51.54	14.49	8.04	8.32	100.8
11-2	010799	0643	0.2	33.5	50.88	14.22	7.95	7.97	95.8
11-2	010799	0643	1.0	33.5	50.93	14.25	7.95	7.93	96.3
11-2	010799	0644	3.1	33.5	50.95	14.26	7.96	8.01	96.5
11-2	010799	1247	0.2	33.6	51.07	14.89	8.01	8.09	98.4
11-2	010799	1249	1.0	33.6	51.06	14.86	8.02	8.17	99.2
11-2	010799	1250	2.9	33.8	51.30	14.58	8.02	8.21	99.7
11-3	010799	0634	0.2	33.2	50.53	14.38	7.87	7.78	93.7
11-3	010799	0634	1.0	33.2	50.54	14.38	7.88	7.82	94.2
11-3	010799	0635	2.6	33.3	50.66	14.42	7.91	7.91	95.4
11-3	010799	1226	0.2	33.6	51.02	14.80	8.01	8.09	98.5
11-3	010799	1227	1.0	33.6	51.01	14.66	8.01	8.13	98.6
11-3	010799	1228	4.2	33.6	51.10	14.51	8.02	8.33	100.9
11-4	010799	0745	0.2	33.6	51.05	14.15	7.98	7.63	91.6
11-4	010799	0746	0.9	33.6	51.07	14.15	7.97	7.63	92.0
11-4	010799	0747	1.5	33.6	51.09	14.15	7.97	7.70	92.5
11-4	010799	1157	0.2	33.6	51.09	14.89	8.00	8.01	97.6
11-4	010799	1158	0.9	33.6	51.09	14.89	8.01	7.99	97.8
11-4	010799	1159	1.5	33.7	51.11	14.87	8.00	8.10	98.8
11-5	010799	0756	0.2	33.1	50.33	13.57	7.98	7.92	93.2
11-5	010799	0756	1.0	33.1	50.33	13.60	7.98	7.94	94.0
11-5	010799	0757	2.0	33.1	50.37	13.59	7.98	7.88	93.1
11-5	010799	1134	0.2	32.1	48.99	13.85	7.99	8.32	98.4
11-5	010799	1135	0.8	32.1	49.00	13.80	8.00	8.40	100.1
11-5	010799	1136	1.3	33.1	50.36	14.03	8.03	8.27	99.5

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
13-1	010799	0637	0.2	31.5	48.01	13.35	8.10	7.77	90.6
13-1	010799	0637	0.9	31.8	48.42	13.61	8.04	7.82	91.6
13-1	010799	0638	1.5	32.3	49.05	13.98	8.01	7.77	92.5
13-1	010799	1317	0.2	30.1	46.14	14.54	7.97	8.70	103.0
13-1	010799	1318	0.8	30.5	46.65	14.49	7.98	9.21	109.7
13-1	010799	1319	1.4	31.6	48.29	14.39	8.04	10.44	124.5
13-2	010799	0644	0.2	31.8	48.44	13.37	8.02	7.97	92.7
13-2	010799	0645	0.8	31.8	48.39	13.34	8.01	8.08	95.2
13-2	010799	0645	1.3	32.2	49.11	13.77	8.01	8.16	96.6
13-2	010799	1303	0.2	29.3	45.03	14.58	7.94	8.22	96.9
13-2	010799	1303	0.7	29.3	45.16	14.63	7.94	8.40	96.4
13-2	010799	1304	1.1	32.0	48.76	14.20	8.07	9.79	116.5
13-3	010799	0656	0.2	29.1	44.71	12.99	7.96	7.85	89.4
13-3	010799	0656	0.7	30.6	46.97	13.95	7.96	7.77	91.2
13-3	010799	0657	1.2	31.2	47.60	13.92	7.98	8.04	94.6
13-3	010799	1241	0.2	21.0	33.40	15.03	7.89	8.39	95.0
13-3	010799	1242	0.7	26.7	41.36	14.08	7.89	8.21	94.3
13-3	010799	1243	1.2	30.7	47.11	14.78	7.97	8.29	99.2
13-4	010799	0715	0.2	29.9	45.94	13.26	7.89	8.06	92.8
13-4	010799	0715	0.6	29.9	45.89	13.27	7.89	8.14	93.7
13-4	010799	0716	1.0	29.9	45.85	13.26	7.89	7.98	91.9
13-4	010799	1220	0.2	29.2	44.91	14.40	7.96	8.59	100.4
13-4	010799	1221	0.5	29.2	44.88	14.35	7.95	8.63	100.0
13-4	010799	1222	0.7	29.2	44.88	14.35	7.95	8.62	101.1
13-5	010799	0725	0.2	29.2	44.94	13.42	7.92	8.14	93.0
13-5	010799	0726	1.0	29.2	44.93	13.42	7.92	8.33	96.1
13-5	010799	0727	1.7	29.2	44.90	13.43	7.92	8.43	97.0
13-5	010799	1148	0.2	29.0	44.62	14.03	7.94	8.21	95.5
13-5	010799	1149	0.8	28.9	44.59	14.05	7.93	8.36	96.7
13-5	010799	1150	1.4	29.2	44.85	14.00	7.95	8.51	99.1

Sarasota Bay / Myakka River Status and Trends Monitoring Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
14-1	010799	0732	0.2	29.3	45.00	13.62	7.94	8.25	95.7
14-1	010799	0733	1.0	29.2	44.98	13.64	7.93	8.44	97.7
14-1	010799	0733	1.9	29.2	44.97	13.66	7.93	8.52	98.1
14-1	010799	1135	0.2	29.1	44.82	13.82	7.94	8.08	94.1
14-1	010799	1136	0.9	29.1	44.77	13.75	7.93	8.35	95.8
14-1	010799	1136	1.6	29.2	44.82	13.61	7.94	8.48	98.6
14-2	010799	0738	0.2	29.1	44.76	12.91	7.94	8.31	94.3
14-2	010799	0739	0.9	29.6	45.31	13.08	7.95	8.42	96.3
14-2	010799	0739	1.6	29.7	45.66	13.13	7.95	8.43	96.6
14-2	010799	1122	0.2	29.6	45.48	13.52	7.96	8.28	95.4
14-2	010799	1122	0.9	29.6	45.50	13.32	7.96	8.45	98.1
14-2	010799	1123	1.6	29.7	45.57	13.04	7.96	8.53	97.5
14-3	010799	0746	0.3	29.7	45.55	11.93	7.96	8.39	93.2
14-3	010799	1101	0.3	29.7	45.61	12.76	8.01	9.08	101.8
14-4	010799	0757	0.2	30.5	46.63	12.47	8.00	8.25	93.9
14-4	010799	0757	0.8	30.5	46.65	12.49	8.00	8.50	95.6
14-4	010799	0758	1.3	30.5	46.64	12.50	8.00	8.53	97.0
14-4	010799	1045	0.2	30.2	46.30	12.88	8.02	8.31	95.4
14-4	010799	1046	0.7	30.2	46.31	12.86	8.03	8.40	96.5
14-4	010799	1047	1.1	30.3	46.41	12.88	8.03	8.57	97.6
14-5	010799	0805	0.3	30.9	47.26	12.98	8.00	8.17	93.4
14-5	010799	1023	0.2	30.9	47.18	13.26	8.04	8.64	100.0
14-5	010799	1024	0.4	30.8	47.12	13.21	8.03	8.80	101.6
14-5	010799	1025	0.6	30.8	47.17	13.21	8.03	8.79	100.9

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
16-1	010699	0633	0.2	29.7	45.81	12.10	8.07	7.23	81.2
16-1	010699	0634	1.0	30.0	46.04	12.10	8.05	7.17	80.5
16-1	010699	0635	3.1	30.0	45.79	12.18	8.05	6.93	78.2
16-1	010699	1352	0.2	29.6	45.64	13.18	8.13	8.03	92.2
16-1	010699	1353	1.0	29.8	45.85	13.08	8.13	7.91	90.7
16-1	010699	1354	2.8	29.7	45.77	12.98	8.12	7.70	88.3
16-2	010699	0645	0.2	30.1	46.28	13.07	8.05	7.20	82.0
16-2	010699	0646	0.4	30.1	46.25	13.08	8.05	7.05	81.0
16-2	010699	0646	0.5	30.2	46.35	13.10	8.05	7.07	81.2
16-2	010699	1329	0.2	29.9	45.97	13.24	8.12	8.08	93.0
16-2	010699	1330	1.0	30.0	46.19	13.28	8.13	7.98	92.0
16-2	010699	1331	2.8	30.1	46.30	13.28	8.12	7.70	88.9
16-3	010699	0655	0.2	30.8	47.09	13.56	8.07	7.26	84.6
16-3	010699	0655	1.0	30.8	47.21	13.63	8.03	6.93	81.0
16-3	010699	0656	3.4	31.4	48.14	14.58	8.07	6.65	79.6
16-3	010699	1311	0.2	30.6	46.92	13.96	8.11	7.53	88.1
16-3	010699	1312	0.6	30.6	47.00	13.88	8.11	7.51	88.1
16-3	010699	1313	0.9	30.7	47.07	13.88	8.11	7.41	87.2
16-4	010699	0704	0.2	31.3	48.03	13.85	8.08	7.09	83.0
16-4	010699	0705	1.0	31.5	48.14	14.06	8.06	6.84	80.9
16-4	010699	0706	3.9	31.6	48.34	14.21	8.08	6.65	79.0
16-4	010699	1255	0.2	31.0	47.46	13.77	8.10	7.39	85.9
16-4	010699	1256	1.0	31.1	47.68	13.78	8.10	7.33	85.1
16-4	010699	1256	1.9	31.1	47.63	13.74	8.10	7.14	83.6
16-5	010699	0715	0.2	31.4	48.17	13.44	8.08	7.14	82.3
16-5	010699	0715	1.0	31.5	48.22	13.44	8.08	6.81	79.5
16-5	010699	0716	2.8	31.5	48.21	13.41	8.04	6.64	77.5
16-5	010699	1239	0.2	31.3	47.93	14.13	8.11	7.67	90.8
16-5	010699	1240	1.0	31.5	48.23	14.14	8.11	7.45	87.9
16-5	010699	1240	3.5	31.5	48.22	14.17	8.10	7.28	86.0

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	010699	0752	0.2	26.5	41.35	14.19	7.91	7.06	81.3
LB-1	010699	0752	1.0	26.7	41.54	14.26	7.91	6.38	73.6
LB-1	010699	0753	1.9	26.6	41.49	14.19	7.90	6.17	70.9
LB-1	010699	1148	0.2	26.0	40.58	13.82	7.93	6.98	79.4
LB-1	010699	1149	1.0	26.1	40.77	13.87	7.93	6.85	77.1
LB-1	010699	1150	2.2	26.2	40.84	13.87	7.93	6.83	78.0
LB-2	010699	0800	0.2	25.9	40.41	13.69	7.93	6.55	73.9
LB-2	010699	0800	1.0	26.1	40.71	13.74	7.92	6.06	68.2
LB-2	010699	0801	2.5	26.0	40.65	13.83	7.91	5.86	66.7
LB-2	010699	1130	0.2	26.0	40.65	13.50	8.01	7.88	89.3
LB-2	010699	1131	0.8	26.2	40.84	13.49	8.01	7.57	85.7
LB-2	010699	1132	1.3	26.7	41.54	13.53	8.04	7.00	80.6
LB-3	010699	0808	0.2	26.2	40.84	12.78	7.99	6.75	75.2
LB-3	010699	0809	0.4	26.3	40.95	12.80	7.99	6.48	72.4
LB-3	010699	0809	0.6	26.3	41.01	12.81	7.98	6.35	71.4
LB-3	010699	1112	0.2	26.4	41.13	13.32	8.07	7.55	85.2
LB-3	010699	1113	0.4	26.5	41.27	13.41	8.08	7.55	85.3
LB-3	010699	1114	0.6	26.5	41.35	13.39	8.06	7.39	83.4
LB-4	010699	0818	0.2	27.9	43.17	12.36	8.16	7.36	82.2
LB-4	010699	0818	0.4	27.9	43.18	12.41	8.16	7.25	80.8
LB-4	010699	0819	0.5	27.9	43.26	12.43	8.17	7.25	81.0
LB-4	010699	1049	0.2	27.9	43.24	12.57	8.22	7.73	86.4
LB-4	010699	1050	0.4	27.9	43.16	12.56	8.22	7.62	86.3
LB-4	010699	1051	0.5	27.9	43.26	12.59	8.21	7.62	86.1
LB-5	010699	0828	0.2	30.5	46.80	13.15	8.26	7.01	81.9
LB-5	010699	0828	0.8	30.6	46.94	13.15	8.26	6.92	80.6
LB-5	010699	0829	1.4	31.0	47.50	13.32	8.26	6.68	77.1
LB-5	010699	1029	0.2	30.0	46.18	13.18	8.36	7.74	89.0
LB-5	010699	1029	0.8	30.3	46.58	13.18	8.35	7.50	86.2
LB-5	010699	1030	1.3	30.8	47.17	13.31	8.34	7.22	83.7

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
ML-1	010699	0636	0.2	5.70	10.06	12.97	7.60	7.89	77.8
ML-1	010699	0637	0.6	5.80	10.13	13.17	7.60	7.86	78.0
ML-1	010699	0637	1.0	5.80	10.22	13.26	7.60	7.87	78.1
ML-1	010699	1318	0.2	2.50	4.67	14.43	7.23	9.24	92.1
ML-1	010699	1319	0.5	2.90	5.30	14.01	7.21	9.05	89.6
ML-1	010699	1320	0.8	2.90	5.26	13.99	7.22	9.03	89.3
ML-2	010699	0627	0.2	5.90	10.33	12.35	7.63	8.04	78.2
ML-2	010699	0628	0.5	6.80	11.92	13.10	7.63	7.90	78.6
ML-2	010699	0628	0.7	6.00	10.57	12.87	7.62	7.95	78.4
ML-2	010699	1340	0.3	3.20	5.75	14.04	7.20	8.86	88.0
ML-3	010699	0618	0.2	7.10	12.35	11.71	7.67	8.20	79.3
ML-3	010699	0619	0.5	8.00	13.87	12.08	7.69	8.13	79.7
ML-3	010699	0620	0.8	8.10	13.94	12.12	7.69	8.15	80.0
ML-3	010699	1357	0.2	3.60	6.50	14.19	7.17	8.75	87.3
ML-3	010699	1357	0.9	3.80	6.72	14.10	7.18	8.72	87.0
ML-3	010699	1358	1.6	4.30	7.65	13.99	7.18	8.65	86.2
ML-4	010699	0610	0.2	7.80	13.36	11.88	7.68	8.12	79.2
ML-4	010699	0610	1.0	8.90	15.27	11.32	7.70	8.19	79.3
ML-4	010699	0611	3.0	8.60	14.74	11.43	7.71	8.17	79.3
ML-4	010699	1416	0.2	4.80	8.60	14.38	7.24	8.46	85.5
ML-4	010699	1417	1.0	4.90	8.72	14.42	7.25	8.45	85.5
ML-4	010699	1418	2.7	5.00	8.86	13.80	7.22	8.46	84.9
ML-5	010699	0556	0.3	8.00	13.85	10.04	7.73	8.43	78.9
ML-5	010699	1440	0.2	5.80	10.30	14.59	7.23	8.54	87.2
ML-5	010699	1441	0.4	5.80	10.31	14.63	7.23	8.45	86.5
ML-5	010699	1442	0.5	5.90	10.32	14.61	7.24	8.44	86.2

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
MU-1	010699	0757	0.2	0.20	0.37	14.55	7.28	6.43	63.2
MU-1	010699	0757	1.0	0.20	0.37	14.56	7.26	6.40	63.0
MU-1	010699	0758	2.2	0.20	0.37	14.56	7.29	6.41	63.1
MU-1	010699	1042	0.2	0.20	0.41	14.34	6.80	6.61	64.8
MU-1	010699	1042	1.0	0.20	0.41	14.33	6.79	6.59	64.5
MU-1	010699	1043	2.0	0.20	0.41	14.34	6.83	6.55	64.1
MU-2	010699	0741	0.2	0.20	0.38	14.30	7.39	6.99	68.4
MU-2	010699	0742	1.0	0.20	0.38	14.34	7.39	6.88	67.4
MU-2	010699	0742	1.8	0.20	0.38	14.34	7.40	6.87	67.2
MU-2	010699	1113	0.2	0.20	0.39	14.49	6.88	6.63	65.1
MU-2	010699	1114	1.0	0.20	0.39	14.52	6.88	6.54	64.3
MU-2	010699	1115	1.9	0.20	0.38	14.52	6.91	6.50	64.0
MU-3	010699	0727	0.2	0.40	0.72	13.00	7.71	8.24	78.3
MU-3	010699	0727	0.7	0.40	0.72	13.06	7.70	8.22	78.2
MU-3	010699	0728	1.2	0.40	0.73	13.06	7.71	8.23	78.4
MU-3	010699	1145	0.2	0.20	0.40	13.95	7.02	7.64	74.2
MU-3	010699	1146	0.5	0.20	0.40	13.93	7.01	7.60	73.7
MU-3	010699	1146	0.8	0.20	0.40	13.94	7.03	7.58	73.5
MU-4	010699	0711	0.2	1.70	3.21	13.15	7.67	8.26	79.7
MU-4	010699	0711	0.6	1.80	3.39	13.05	7.67	8.27	79.6
MU-4	010699	0712	0.9	1.80	3.33	13.04	7.67	8.23	79.1
MU-4	010699	1228	0.2	0.40	0.77	13.90	7.23	8.78	85.3
MU-4	010699	1229	0.4	0.40	0.77	13.89	7.25	8.72	84.6
MU-4	010699	1229	0.5	0.40	0.77	13.90	7.25	8.70	84.4
MU-5	010699	0700	0.2	2.30	4.27	13.04	7.66	8.18	79.0
MU-5	010699	0702	0.6	2.40	4.48	12.94	7.64	8.14	78.5
MU-5	010699	0702	1.0	2.50	4.49	12.97	7.64	8.09	78.1
MU-5	010699	1246	0.2	0.50	0.97	13.79	7.24	8.71	84.4
MU-5	010699	1246	0.4	0.50	0.96	13.79	7.24	8.70	84.3
MU-5	010699	1247	0.5	0.50	0.96	13.79	7.25	8.67	84.1

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	010799	0657	27.34667	-82.58389	27.34633	-82.58420	2.6			
10-1	010799	1327	27.34667	-82.58389	27.34690	-82.58377	2.6	1.3	990101	1.05
10-2	010799	0707	27.34639	-82.56944	27.34622	-82.56947	1.6			
10-2	010799	1347	27.34639	-82.56944	27.34595	-82.56958	1.6	1.3	990099	0.90
10-3	010799	0723	27.33083	-82.58500	27.32978	-82.58657	3.0			
10-3	010799	1424	27.33083	-82.58500	27.33157	-82.58462	3.1	1.3	990096	ND*
10-4	010799	0820	27.31750	-82.56556	27.31733	-82.56613	1.3			
10-4	010799	1051	27.31750	-82.56556	27.31732	-82.56652	2.5	1.4	990091	0.92
10-5	010799	0807	27.31361	-82.55306	27.31300	-82.55347	4.5			
10-5	010799	1116	27.31361	-82.55306	27.31350	-82.55342	4.4	1.4	990093	0.64
11-1	010799	0649	27.35833	-82.56694	27.35885	-82.56712	3.7			
11-1	010799	1305	27.35833	-82.56694	27.35835	-82.56708	3.4	1.0	990095	0.95
11-2	010799	0643	27.35361	-82.55833	27.35362	-82.55833	3.3			
11-2	010799	1247	27.35361	-82.55833	27.35348	-82.55865	3.1	1.5	990098	0.69
11-3	010799	0634	27.34028	-82.55278	27.34043	-82.55318	2.8			
11-3	010799	1226	27.34028	-82.55278	27.33978	-82.55333	4.4	1.3	990097	0.86
11-4	010799	0745	27.32667	-82.55056	27.32652	-82.55090	1.7			
11-4	010799	1157	27.32667	-82.55056	27.32663	-82.55070	1.7	1.2	990094	0.82
11-5	010799	0756	27.30556	-82.54194	27.30575	-82.54220	2.2			
11-5	010799	1134	27.30556	-82.54194	27.30588	-82.54237	1.5	>B	990100	0.59
13-1	010799	0637	27.28861	-82.55056	27.28852	-82.55062	1.7			
13-1	010799	1317	27.28861	-82.55056	27.28867	-82.55070	1.6	>B	990111	0.75
13-2	010799	0644	27.28194	-82.54278	27.28188	-82.54283	1.5			
13-2	010799	1303	27.28194	-82.54278	27.28218	-82.54305	1.3	>B	990104	0.64
13-3	010799	0656	27.27028	-82.54472	27.26993	-82.54492	1.4			
13-3	010799	1241	27.27028	-82.54472	27.27013	-82.54458	1.4	>B	990103	1.80
13-4	010799	0715	27.25917	-82.53722	27.25938	-82.53585	1.2			
13-4	010799	1220	27.25917	-82.53722	27.25935	-82.53587	0.9	>B	990105	0.38
13-5	010799	0725	27.24444	-82.52528	27.24443	-82.52533	1.9			
13-5	010799	1148	27.24444	-82.52528	27.24463	-82.52568	1.6	>B	990112	0.66
14-1	010799	0732	27.23944	-82.51639	27.23945	-82.51660	2.1			
14-1	010799	1135	27.23944	-82.51639	27.23968	-82.51648	1.8	>B	990107	0.56
14-2	010799	0738	27.23139	-82.51278	27.23132	-82.51267	1.8			
14-2	010799	1122	27.23139	-82.51278	27.23125	-82.51275	1.8	>B	990102	0.55
14-3	010799	0746	27.21611	-82.51139	27.21842	-82.51222	0.6			
14-3	010799	1101	27.21611	-82.51139	27.21672	-82.51290	0.5	>B	990110	1.41
14-4	010799	0757	27.19806	-82.50278	27.19780	-82.50253	1.5			
14-4	010799	1045	27.19806	-82.50278	27.19803	-82.50235	1.3	>B	990108	0.57
14-5	010799	0805	27.18361	-82.49333	27.18313	-82.49462	0.5			
14-5	010799	1023	27.18361	-82.49333	27.18290	-82.49777	0.8	>B	990106	1.46

ND* - Instrument malfunction

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
16-1	010699	0633	27.17639	-82.49500	27.17722	-82.49423	3.3			
16-1	010699	1352	27.17639	-82.49500	27.17712	-82.49417	3.0	1.8	990075	0.77
16-2	010699	0645	27.15972	-82.48444	27.15997	-82.48373	0.7			
16-2	010699	1329	27.15972	-82.48444	27.16047	-82.48433	3.0	>B	990076	0.58
16-3	010699	0655	27.15167	-82.47694	27.15063	-82.47720	3.6			
16-3	010699	1311	27.15167	-82.47694	27.15183	-82.47738	1.1	>B	990069	0.76
16-4	010699	0704	27.13944	-82.47250	27.13883	-82.47080	4.1			
16-4	010699	1255	27.13944	-82.47250	27.14025	-82.47100	2.1	1.3	990073	0.97
16-5	010699	0715	27.13139	-82.47056	27.13100	-82.47032	3.0			
16-5	010699	1239	27.13139	-82.47056	27.13168	-82.47000	3.7	ND**	990074	0.68
LB-1	010699	0752	27.03500	-82.42778	27.03570	-82.42650	2.1			
LB-1	010699	1148	27.03500	-82.42778	27.03560	-82.42615	2.4	>B	990077	0.89
LB-2	010699	0800	27.01722	-82.41528	27.01720	-82.41450	2.7			
LB-2	010699	1130	27.01722	-82.41528	27.01707	-82.41428	1.5	>B	990079	0.94
LB-3	010699	0808	27.00056	-82.40583	27.00108	-82.40427	0.8			
LB-3	010699	1112	27.00056	-82.40583	27.00140	-82.40428	0.8	>B	990072	1.15
LB-4	010699	0818	26.98194	-82.39000	26.98178	-82.38973	0.7			
LB-4	010699	1049	26.98194	-82.39000	26.98198	-82.38953	0.7	>B	990071	1.11
LB-5	010699	0828	26.95611	-82.36722	26.95570	-82.36813	1.6			
LB-5	010699	1029	26.95611	-82.36722	26.95570	-82.36792	1.5	>B	990070	1.20
ML-1	010699	0636	27.03833	-82.28333	27.03820	-82.28322	1.2			
ML-1	010699	1318	27.03833	-82.28333	27.03910	-82.28233	1.0	>B	990090	2.29
ML-2	010699	0627	27.03194	-82.27889	27.03210	-82.27847	0.9			
ML-2	010699	1340	27.03194	-82.27889	27.03293	-82.27848	0.6	>B	990088	2.83
ML-3	010699	0618	27.03000	-82.27222	27.02982	-82.27238	1.0			
ML-3	010699	1357	27.03000	-82.27222	27.02980	-82.27210	1.8	>B	990081	2.67
ML-4	010699	0610	27.02222	-82.27444	27.02208	-82.27457	3.2			
ML-4	010699	1416	27.02222	-82.27444	27.02285	-82.27438	2.9	1.2	990087	2.45
ML-5	010699	0556	27.00889	-82.26806	27.00935	-82.26775	0.5			
ML-5	010699	1440	27.00889	-82.26806	27.00993	-82.26802	0.7	>B	990086	2.45
MU-1	010699	0757	27.09417	-82.32972	27.09427	-82.33002	2.4			
MU-1	010699	1042	27.09417	-82.32972	27.09495	-82.32952	2.2	>B	990082	2.73
MU-2	010699	0741	27.08583	-82.32417	27.08737	-82.32512	2.0			
MU-2	010699	1113	27.08583	-82.32417	27.08700	-82.32532	2.1	1.6	990084	2.02
MU-3	010699	0727	27.07333	-82.31694	27.07343	-82.31697	1.4			
MU-3	010699	1145	27.07333	-82.31694	27.07327	-82.31670	1.0	>B	990085	0.35
MU-4	010699	0711	27.05778	-82.30583	27.05708	-82.30385	1.1			
MU-4	010699	1228	27.05778	-82.30583	27.05708	-82.30413	0.7	>B	990089	2.75
MU-5	010699	0700	27.05250	-82.30000	27.05343	-82.29877	1.2			
MU-5	010699	1246	27.05250	-82.30000	27.05320	-82.29830	0.7	>B	990080	1.95

ND - Not Determined due to strong current**

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	1.0M	1323	990101	1/7/1999	U0.005	U0.005	U0.005	0.26	0.26	0.007	0.08	1.0	8	5.3	10	8.15	2.6	1.8	33.5
10-2	MID	1347	990099	1/7/1999	U0.005	U0.005	U0.005	0.28	0.28	0.007	0.09	1.3	8	5.5	11	8.16	3.2	2.2	33.9
10-3	1.0M	1423	990096	1/7/1999	U0.005	U0.005	U0.005	0.18	0.18	0.007	0.07	0.7	6	5.5	10	8.11	2.5	2.1	33.2
10-4	1.0M	1040	990091	1/7/1999	0.031	U0.005	U0.005	0.28	0.28	0.008	0.07	0.7	7	5.5	11	8.11	3.3	2.2	33.3
10-4 REP	1.0M	1053	990092	1/7/1999	U0.005	U0.005	U0.005	0.28	0.28	0.008	0.07	0.6	8	6.6	11	8.07	3.2	1.5	NA
10-5	1.0M	1110	990093	1/7/1999	U0.005	U0.005	U0.005	0.24	0.24	0.007	0.07	0.7	7	5.0	11	8.12	2.8	2.2	33.3
11-1	1.0M	1305	990095	1/7/1999	U0.005	U0.005	U0.005	0.24	0.24	0.007	0.07	0.9	6	4.5	10	8.15	2.4	1.7	33.9
11-2	1.0M	1243	990098	1/7/1999	U0.005	U0.005	U0.005	0.23	0.23	0.008	0.08	0.9	6	3.7	11	8.14	2.2	2.1	33.6
11-3	1.0M	1220	990097	1/7/1999	U0.005	U0.005	U0.005	0.19	0.19	0.007	0.07	0.9	6	4.1	10	8.13	2.7	2.2	33.6
11-4	MID	1150	990094	1/7/1999	U0.005	U0.005	U0.005	0.22	0.22	0.008	0.08	0.9	8	6.5	10	8.12	2.4	3.7	33.6
11-5	MID	1129	990100	1/7/1999	U0.005	U0.005	U0.005	0.25	0.25	0.018	0.09	0.6	5	3.3	11	8.09	4.0	2.2	32.1
13-1	MID	1316	990111	1/7/1999	0.009	0.014	0.012	0.26	0.27	0.036	0.08	0.8	3	2.3	11	8.08	2.0	2.2	30.1
13-1 REP	MID	1325	990109	1/7/1999	0.010	0.015	0.013	0.22	0.23	0.038	0.08	0.6	3	1.8	11	8.07	2.5	2.0	NA
13-2	MID	1302	990104	1/7/1999	0.025	0.024	0.020	0.27	0.29	0.048	0.09	0.7	3	1.2	11	8.06	1.1	1.0	29.3
13-3	MID	1241	990103	1/7/1999	0.046	0.081	0.076	0.39	0.47	0.084	0.14	0.8	U2	1.7	23	7.99	1.8	0.7	21.0
13-4	MID	1222	990105	1/7/1999	0.024	0.018	0.016	0.25	0.27	0.052	0.10	0.6	2	1.4	11	8.04	1.1	0.6	29.2
13-5	MID	1149	990112	1/7/1999	0.031	0.021	0.019	0.30	0.32	0.055	0.10	0.7	2	1.4	12	8.02	1.0	U0.5	29.0
14-1	MID	1133	990107	1/7/1999	0.036	0.018	0.016	0.27	0.29	0.056	0.10	0.7	2	1.4	11	8.02	0.7	0.7	29.1
14-2	MID	1120	990102	1/7/1999	0.032	0.012	0.008	0.27	0.28	0.054	0.12	0.8	4	2.4	11	8.06	0.9	1.3	29.6
14-3	MID	1101	990110	1/7/1999	0.017	U0.005	U0.005	0.30	0.30	0.045	0.09	1.1	5	2.2	12	8.09	5.1	0.8	29.7
14-4	MID	1044	990108	1/7/1999	0.013	U0.005	U0.005	0.28	0.28	0.041	0.10	0.9	3	1.6	11	8.11	1.3	0.5	30.2
14-5	MID	1022	990106	1/7/1999	0.016	0.006	0.005	0.31	0.32	0.039	0.09	0.7	3	1.9	11	8.12	1.5	U0.5	30.9

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	1.0M	1351	990075	1/6/1999	0.030	0.008	0.009	0.25	0.26	0.041	0.10	0.6	2	1.8	12	8.07	1.7	U0.5	29.6
16-1 REP	1.0M	1356	990078	1/6/1999	0.022	0.007	0.007	0.31	0.32	0.040	0.10	0.8	3	1.7	12	8.09	1.5	U0.5	NA
16-2	1.0M	1328	990076	1/6/1999	0.028	0.008	0.008	0.27	0.28	0.038	0.10	1.0	4	2.8	12	8.08	1.5	0.8	29.9
16-3	MID	1311	990069	1/6/1999	0.023	0.007	0.008	0.23	0.24	0.030	0.09	1.1	5	5.1	13	8.06	2.3	1.1	30.6
16-4	1.0M	1255	990073	1/6/1999	0.025	0.008	0.009	0.24	0.25	0.028	0.10	0.7	8	5.9	11	8.07	2.7	1.1	31.0
16-5	1.0M	1237	990074	1/6/1999	0.015	0.007	0.009	0.30	0.31	0.024	0.09	0.7	7	6.9	11	8.04	2.2	1.8	31.3
LB-1	1.0M	1147	990077	1/6/1999	0.050	0.023	0.025	0.37	0.40	0.086	0.17	0.7	3	2.4	22	7.91	2.5	1.2	26.0
LB-2	MID	1129	990079	1/6/1999	0.060	0.017	0.016	0.48	0.50	0.085	0.16	1.0	3	2.1	22	7.96	2.2	1.6	26.0
LB-3	MID	1110	990072	1/6/1999	0.067	0.012	0.013	0.40	0.41	0.092	0.22	1.2	6	3.3	23	8.01	2.1	2.4	26.4
LB-4	MID	1048	990071	1/6/1999	0.048	U0.005	U0.005	0.40	0.40	0.077	0.16	1.7	5	2.0	15	8.11	4.0	1.6	27.9
LB-5	MID	1027	990070	1/6/1999	0.059	U0.005	U0.005	0.34	0.34	0.045	0.12	1.6	5	2.9	14	8.12	7.7	1.0	30.0
ML-1	MID	1318	990090	1/6/1999	0.054	0.075	0.075	0.73	0.81	0.244	0.25	0.6	U2	0.95	100	7.53	1.0	0.5	2.50
ML-2	MID	1339	990088	1/6/1999	0.072	0.062	0.063	0.73	0.79	0.234	0.25	1.1	U2	0.95	100	7.55	1.2	U0.5	3.20
ML-3	MID	1357	990081	1/6/1999	0.059	0.057	0.057	0.73	0.79	0.224	0.25	0.5	U2	1.2	100	7.61	1.4	0.7	3.60
ML-4	1.0M	1416	990087	1/6/1999	0.040	0.031	0.032	0.64	0.67	0.185	0.21	1.0	U2	1.9	90	7.61	4.4	2.2	4.80
ML-5	MID	1438	990086	1/6/1999	0.030	0.020	0.021	0.68	0.70	0.184	0.22	1.1	2	1.9	90	7.59	4.6	1.4	5.80
ML-5 REP	MID	1450	990083	1/6/1999	0.035	0.019	0.022	0.69	0.71	0.183	0.23	1.0	2	2.0	95	7.61	4.1	1.0	NA
MU-1	1.0M	1042	990082	1/6/1999	0.056	0.155	0.155	0.85	1.00	0.267	0.29	1.1	U2	1.2	100	7.48	1.7	1.0	0.20
MU-2	1.0M	1113	990084	1/6/1999	0.064	0.123	0.125	0.85	0.98	0.277	0.30	0.8	U2	0.90	100	7.49	1.2	1.5	0.20
MU-3	MID	1145	990085	1/6/1999	0.051	0.114	0.115	0.84	0.96	0.290	0.30	0.7	U2	0.80	100	7.52	1.2	0.9	0.20
MU-4	MID	1228	990089	1/6/1999	0.034	0.123	0.124	0.77	0.89	0.275	0.28	0.5	U2	0.85	100	7.55	1.2	U0.5	0.40
MU-5	MID	1245	990080	1/6/1999	0.038	0.118	0.120	0.75	0.87	0.278	0.28	0.5	U2	0.80	100	7.54	1.1	U0.5	0.50
EQP BLK		1545	990114	1/7/1999	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.77	U0.5	U0.5	NA
EQP BLK		1640	990113	1/7/1999	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.86	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rainfall		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)
			Begin (EST)	End (EST)	No	Yes	Min	Max				
010699	AM	16	0633	0715	0		0		7.2	30 - 60	5	<0.5
010699	PM	16	1239	1352	0		0			40 - 50	5 - 10	<0.5
010699	AM	LB	0752	0828	0		0			30 - 60	5 - 10	<0.5 - 0.5
010699	PM	LB	1029	1148	0		0			30 - 45	10 - 15	<0.5
010699	AM	ML	0556	0636	0		0		6.8	23	5	<0.5
010699	PM	ML	1318	1440	0		0			23	<5 - 5	<0.5
010699	AM	MU	0700	0757	0		0			23	5	<0.5
010699	PM	MU	1042	1246	0		0		5.0	23	5 - 10	<0.5 - 0.5
010799	AM	10	0657	0820	0		0	- 5		60	5 - 10	<0.5 - 1.0
010799	PM	10	1051	1424	0		0	- 5	12.1	60 - 120	5 - 10	<0.5
010799	AM	11	0634	0756	0		0	- 10	8.6	60 - 120	5 - 10	<0.5
010799	PM	11	1134	1305	0		0			60 - 180	5 - 10	<0.5
010799	AM	13	0637	0725	0		0		12.4	60 - 90	5 - 10	<0.5 - 0.5
010799	PM	13	1148	1317	0		0			70 - 90	5 - 10	<0.5
010799	AM	14	0732	0805	0		0			90	5 - 10	<0.5
010799	PM	14	1023	1135	0		0			85 - 90	5 - 15	<0.5

Hydrolab Minisonde Continuous Deployment at Station 14-4
January 06-07, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
14-4	010699	1430	13.80	8.14	45216	29.3	105.3	9.1
14-4	010699	1445	13.75	8.14	45262	29.4	104.5	9.0
14-4	010699	1500	13.72	8.14	45230	29.3	106.5	9.2
14-4	010699	1515	13.71	8.15	45251	29.4	108.4	9.4
14-4	010699	1530	13.64	8.16	45242	29.3	108.4	9.4
14-4	010699	1545	13.59	8.16	45224	29.3	107.6	9.3
14-4	010699	1600	13.65	8.16	45235	29.3	109.3	9.4
14-4	010699	1615	13.67	8.17	45126	29.3	109.4	9.5
14-4	010699	1630	13.75	8.17	45134	29.3	109.8	9.5
14-4	010699	1645	13.80	8.17	45133	29.3	108.6	9.4
14-4	010699	1700	13.88	8.17	45124	29.3	108.3	9.3
14-4	010699	1715	13.95	8.14	45134	29.3	103.5	8.9
14-4	010699	1730	13.99	8.13	45138	29.3	101.3	8.7
14-4	010699	1745	14.01	8.13	45145	29.3	101.4	8.7
14-4	010699	1800	14.03	8.13	45138	29.3	100.7	8.6
14-4	010699	1815	14.07	8.13	45135	29.3	99.5	8.5
14-4	010699	1830	14.06	8.12	45118	29.3	98.1	8.4
14-4	010699	1845	14.00	8.13	45031	29.2	98.2	8.4
14-4	010699	1900	14.05	8.12	45074	29.2	97.5	8.4
14-4	010699	1915	14.20	8.10	45265	29.4	92.9	7.9
14-4	010699	1930	14.17	8.10	45345	29.4	91.8	7.8
14-4	010699	1945	14.13	8.10	45370	29.4	91.1	7.8
14-4	010699	2000	14.08	8.10	45397	29.5	91.3	7.8
14-4	010699	2015	14.02	8.10	45399	29.5	91.5	7.8
14-4	010699	2030	13.96	8.10	45393	29.5	91.5	7.8
14-4	010699	2045	13.90	8.10	45384	29.5	91.6	7.9
14-4	010699	2100	13.89	8.10	45376	29.4	91.3	7.8
14-4	010699	2115	13.92	8.10	45383	29.5	90.9	7.8
14-4	010699	2130	13.94	8.10	45370	29.4	90.2	7.7
14-4	010699	2145	13.91	8.10	45337	29.4	89.8	7.7
14-4	010699	2200	13.87	8.10	45313	29.4	89.9	7.7
14-4	010699	2215	13.83	8.11	45290	29.4	89.8	7.7
14-4	010699	2230	13.74	8.12	45115	29.3	90.9	7.8
14-4	010699	2245	13.36	8.15	45053	29.2	98.6	8.6

Hydrolab Minisonde Continuous Deployment at Station 14-4
January 06-07, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
14-4	010699	2300	13.65	8.12	45197	29.3	90.3	7.8
14-4	010699	2315	13.59	8.13	45193	29.3	92.2	8.0
14-4	010699	2330	13.61	8.12	45211	29.3	91.5	7.9
14-4	010699	2345	13.51	8.13	45189	29.3	93.0	8.1
14-4	010799	0000	13.38	8.14	45126	29.3	95.1	8.3
14-4	010799	0015	13.31	8.15	45133	29.3	95.5	8.3
14-4	010799	0030	13.27	8.14	45178	29.3	94.8	8.3
14-4	010799	0045	13.16	8.15	45154	29.3	95.4	8.3
14-4	010799	0100	13.08	8.15	45189	29.3	95.7	8.4
14-4	010799	0115	13.09	8.15	45158	29.3	95.5	8.4
14-4	010799	0130	13.08	8.15	45157	29.3	94.8	8.3
14-4	010799	0145	13.07	8.15	45186	29.3	94.4	8.3
14-4	010799	0200	13.07	8.15	45197	29.3	93.9	8.2
14-4	010799	0215	13.10	8.15	45170	29.3	93.7	8.2
14-4	010799	0230	13.07	8.14	45185	29.3	92.7	8.1
14-4	010799	0245	13.05	8.13	45229	29.3	91.4	8.0
14-4	010799	0300	12.92	8.13	45264	29.4	91.4	8.0
14-4	010799	0315	12.92	8.13	45271	29.4	91.2	8.0
14-4	010799	0330	12.96	8.13	45249	29.4	90.7	8.0
14-4	010799	0345	12.87	8.13	45248	29.4	90.9	8.0
14-4	010799	0400	12.86	8.13	45249	29.4	90.4	7.9
14-4	010799	0415	12.87	8.13	45245	29.4	90.4	7.9
14-4	010799	0430	12.85	8.13	45231	29.3	90.4	8.0
14-4	010799	0445	12.84	8.13	45221	29.3	90.4	7.9
14-4	010799	0500	12.82	8.13	45209	29.3	90.2	7.9
14-4	010799	0515	12.80	8.13	45204	29.3	90.1	7.9
14-4	010799	0530	12.78	8.13	45211	29.3	90.0	7.9
14-4	010799	0545	12.75	8.13	45202	29.3	89.9	7.9
14-4	010799	0600	12.72	8.13	45209	29.3	89.9	7.9
14-4	010799	0615	12.70	8.13	45218	29.3	89.6	7.9
14-4	010799	0630	12.68	8.13	45232	29.3	89.5	7.9
14-4	010799	0645	12.64	8.13	45273	29.4	89.4	7.9
14-4	010799	0700	12.61	8.13	45339	29.4	89.7	7.9
14-4	010799	0715	12.57	8.13	45355	29.4	89.6	7.9
14-4	010799	0730	12.58	8.13	45420	29.5	90.0	7.9

Hydrolab Minisonde Continuous Deployment at Station 14-4
January 06-07, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
14-4	010799	0745	12.58	8.13	45375	29.4	89.4	7.9
14-4	010799	0800	12.57	8.13	45387	29.5	89.7	7.9
14-4	010799	0815	12.59	8.13	45355	29.4	89.6	7.9
14-4	010799	0830	12.57	8.13	45325	29.4	89.4	7.9
14-4	010799	0845	12.57	8.13	45387	29.5	90.4	8.0
14-4	010799	0900	12.62	8.14	45395	29.5	91.0	8.0
14-4	010799	0915	12.68	8.14	45397	29.5	91.4	8.1
14-4	010799	0930	12.74	8.14	45361	29.4	91.7	8.1
14-4	010799	0945	12.76	8.14	45347	29.4	91.9	8.1
14-4	010799	1000	12.81	8.14	45331	29.4	92.3	8.1
14-4	010799	1015	12.89	8.15	45343	29.4	93.0	8.2
14-4	010799	1030	12.97	8.15	45260	29.4	93.1	8.2
14-4	010799	1045	13.02	8.15	45112	29.3	93.8	8.2
14-4	010799	1100	13.07	8.15	44085	28.5	93.5	8.2
14-4	010799	1115	13.17	8.15	44040	28.5	94.6	8.3
14-4	010799	1130	13.24	8.15	44004	28.5	95.3	8.4
14-4	010799	1145	13.38	8.16	43969	28.4	96.9	8.5
14-4	010799	1200	13.45	8.16	43946	28.4	96.6	8.4
14-4	010799	1215	13.55	8.15	43962	28.4	96.3	8.4
14-4	010799	1230	13.66	8.16	44008	28.5	97.8	8.5
14-4	010799	1245	13.78	8.16	44096	28.5	98.8	8.6
14-4	010799	1300	13.91	8.16	44133	28.5	99.9	8.6
14-4	010799	1315	14.05	8.16	44224	28.6	101.0	8.7
14-4	010799	1330	14.14	8.16	44269	28.6	102.3	8.8
14-4	010799	1345	14.20	8.16	44161	28.6	103.1	8.8
14-4	010799	1400	14.28	8.17	44032	28.5	104.3	8.9
14-4	010799	1415	14.33	8.17	44014	28.5	104.2	8.9
14-4	010799	1430	14.40	8.17	43973	28.4	104.4	8.9
14-4	010799	1445	14.47	8.17	43953	28.4	105.3	9.0
14-4	010799	1500	14.51	8.18	43927	28.4	105.4	9.0
14-4	010799	1515	14.58	8.18	43875	28.4	107.0	9.1
14-4	010799	1530	14.63	8.18	43861	28.3	107.4	9.2
14-4	010799	1545	14.68	8.19	43900	28.4	108.6	9.2
14-4	010799	1600	14.70	8.18	43928	28.4	107.8	9.2
14-4	010799	1615	14.71	8.19	43919	28.4	108.9	9.3

Hydrolab Minisonde Continuous Deployment at Station 14-4

January 06-07, 1999

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
14-4	010799	1630	14.65	8.17	43933	28.4	106.7	9.1
14-4	010799	1645	14.66	8.18	43940	28.4	106.6	9.1

Hydrolab DS3 Continuous Deployment at Station 16-3
January 06-07, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
16-3	010699	1330	13.82	7.92	48367	31.6	90.2	7.7
16-3	010699	1345	13.95	7.92	48347	31.6	90.8	7.7
16-3	010699	1400	14.02	7.92	48398	31.6	91.2	7.7
16-3	010699	1415	14.04	7.91	48520	31.7	91.6	7.7
16-3	010699	1430	14.14	7.92	48691	31.9	92.1	7.8
16-3	010699	1445	14.72	7.93	49230	32.3	94.4	7.8
16-3	010699	1500	15.20	7.94	49666	32.6	96.0	7.9
16-3	010699	1515	15.35	7.94	49650	32.6	96.5	7.9
16-3	010699	1530	15.88	7.95	50031	32.8	97.4	7.9
16-3	010699	1545	16.07	7.96	50138	32.9	97.8	7.9
16-3	010699	1600	16.00	7.95	50020	32.8	97.8	7.9
16-3	010699	1615	16.20	7.96	50189	33.0	98.3	7.9
16-3	010699	1630	16.27	7.96	50246	33.0	97.7	7.8
16-3	010699	1645	16.17	7.96	50130	32.9	98.3	7.9
16-3	010699	1700	16.24	7.96	50125	32.9	97.5	7.8
16-3	010699	1715	16.49	7.96	50354	33.1	96.7	7.7
16-3	010699	1730	16.57	7.96	50534	33.2	95.8	7.6
16-3	010699	1745	16.55	7.96	50534	33.2	95.0	7.5
16-3	010699	1800	16.50	7.95	50538	33.2	93.5	7.4
16-3	010699	1815	16.49	7.95	50477	33.2	93.4	7.4
16-3	010699	1830	16.42	7.95	50420	33.1	91.0	7.3
16-3	010699	1845	16.37	7.95	50424	33.1	88.7	7.1
16-3	010699	1900	15.72	7.95	49428	32.4	95.1	7.7
16-3	010699	1915	16.24	7.94	50125	32.9	92.2	7.4
16-3	010699	1930	16.27	7.94	50246	33.0	91.4	7.3
16-3	010699	1945	15.90	7.96	50090	32.9	94.8	7.6
16-3	010699	2000	15.55	7.97	49691	32.6	99.2	8.1
16-3	010699	2015	15.63	7.96	49806	32.7	97.9	8.0
16-3	010699	2030	15.23	7.96	49539	32.5	99.4	8.1
16-3	010699	2045	15.25	7.97	49413	32.4	99.9	8.2
16-3	010699	2100	15.57	7.96	49689	32.6	97.3	7.9
16-3	010699	2115	15.52	7.95	49756	32.6	93.1	7.6
16-3	010699	2130	15.45	7.95	49701	32.6	93.2	7.6
16-3	010699	2145	15.33	7.95	49590	32.5	93.2	7.6

Hydrolab DS3 Continuous Deployment at Station 16-3

January 06-07, 1999

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
16-3	010699	2200	15.38	7.95	49523	32.5	94.6	7.7
16-3	010699	2215	15.32	7.95	49406	32.4	95.4	7.8
16-3	010699	2230	15.35	7.95	49588	32.5	94.3	7.7
16-3	010699	2245	16.19	7.96	50314	33.1	90.4	7.2
16-3	010699	2300	16.12	7.96	50319	33.1	91.6	7.4
16-3	010699	2315	15.90	7.96	50214	33.0	92.5	7.5
16-3	010699	2330	15.65	7.96	50176	33.0	93.2	7.6
16-3	010699	2345	15.50	7.96	50129	32.9	93.6	7.6
16-3	010799	0000	15.23	7.96	49972	32.8	94.3	7.7
16-3	010799	0015	15.45	7.96	50010	32.8	93.1	7.6
16-3	010799	0030	15.47	7.95	50009	32.8	92.6	7.5
16-3	010799	0045	15.37	7.96	49957	32.8	92.8	7.6
16-3	010799	0100	15.50	7.95	50005	32.8	92.0	7.5
16-3	010799	0115	15.37	7.96	49957	32.8	93.5	7.6
16-3	010799	0130	15.42	7.97	50075	32.9	94.5	7.7
16-3	010799	0145	15.37	7.97	50019	32.8	93.9	7.7
16-3	010799	0200	15.53	7.96	50064	32.9	92.1	7.5
16-3	010799	0215	15.55	7.96	50185	33.0	91.1	7.4
16-3	010799	0230	15.62	7.96	50241	33.0	91.1	7.4
16-3	010799	0245	15.62	7.96	50302	33.0	89.9	7.3
16-3	010799	0300	15.62	7.95	50364	33.1	89.3	7.2
16-3	010799	0315	15.65	7.95	50361	33.1	87.9	7.1
16-3	010799	0330	15.72	7.95	50416	33.1	86.4	7.0
16-3	010799	0345	15.77	7.94	50473	33.2	85.1	6.9
16-3	010799	0400	15.82	7.94	50530	33.2	85.0	6.9
16-3	010799	0415	15.72	7.94	50602	33.3	86.9	7.0
16-3	010799	0430	15.48	7.94	50501	33.2	87.1	7.1
16-3	010799	0445	15.32	7.95	50333	33.1	88.8	7.2
16-3	010799	0500	15.18	7.95	50286	33.0	89.2	7.3
16-3	010799	0515	15.12	7.96	50294	33.0	90.2	7.4
16-3	010799	0530	15.08	7.96	50236	33.0	90.4	7.4
16-3	010799	0545	15.13	7.96	50230	33.0	91.0	7.5
16-3	010799	0600	15.18	7.96	50225	33.0	91.5	7.5
16-3	010799	0615	15.17	7.97	50165	32.9	92.3	7.6

Hydrolab DS3 Continuous Deployment at Station 16-3
January 06-07, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
16-3	010799	0630	15.03	7.96	50057	32.9	92.9	7.6
16-3	010799	0645	14.90	7.96	49887	32.7	91.7	7.6
16-3	010799	0700	14.67	7.95	49670	32.6	90.8	7.5
16-3	010799	0715	14.52	7.95	49504	32.5	90.5	7.5
16-3	010799	0730	14.38	7.94	49337	32.3	90.0	7.5
16-3	010799	0745	14.25	7.94	49170	32.2	89.6	7.5
16-3	010799	0800	14.10	7.94	48944	32.0	89.8	7.6
16-3	010799	0815	13.99	7.94	48838	32.0	90.2	7.6
16-3	010799	0830	13.94	7.94	48721	31.9	90.5	7.7
16-3	010799	0845	13.82	7.94	48554	31.8	90.5	7.7
16-3	010799	0900	13.69	7.94	48389	31.6	90.6	7.7
16-3	010799	0915	13.57	7.94	48160	31.5	90.9	7.8
16-3	010799	0930	13.46	7.94	48056	31.4	91.3	7.8
16-3	010799	0945	13.39	7.94	47818	31.2	91.4	7.9
16-3	010799	1000	13.37	7.95	47759	31.2	91.8	7.9
16-3	010799	1015	13.41	7.95	47753	31.2	91.8	7.9
16-3	010799	1030	13.33	7.96	47581	31.0	92.6	8.0
16-3	010799	1045	13.37	7.96	47573	31.0	93.0	8.0
16-3	010799	1100	13.44	7.96	47561	31.0	93.2	8.0
16-3	010799	1115	13.52	7.97	47671	31.1	94.0	8.1
16-3	010799	1130	13.56	7.97	47604	31.1	93.7	8.0
16-3	010799	1145	13.67	7.98	47522	31.0	96.4	8.2
16-3	010799	1200	13.67	7.97	47647	31.1	96.7	8.3
16-3	010799	1215	14.30	7.98	47861	31.3	97.1	8.2
16-3	010799	1230	15.43	7.99	49456	32.4	98.2	8.0
16-3	010799	1245	15.50	7.99	49572	32.5	97.6	8.0
16-3	010799	1300	15.27	7.98	49040	32.1	98.4	8.1
16-3	010799	1315	15.08	7.98	48690	31.9	98.9	8.2
16-3	010799	1330	14.88	7.98	48651	31.8	98.9	8.2
16-3	010799	1345	14.90	7.97	48649	31.8	99.0	8.2
16-3	010799	1400	15.08	7.98	48876	32.0	100.1	8.3
16-3	010799	1415	15.07	7.98	48939	32.0	99.6	8.2
16-3	010799	1430	15.07	7.98	48753	31.9	99.8	8.2
16-3	010799	1445	15.15	7.98	48868	32.0	100.7	8.3

Hydrolab DS3 Continuous Deployment at Station 16-3

January 06-07, 1999

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
16-3	010799	1500	15.23	7.98	48982	32.1	100.7	8.3
16-3	010799	1515	15.35	7.99	49279	32.3	101.4	8.3
16-3	010799	1530	15.53	7.99	49322	32.3	102.3	8.3
16-3	010799	1545	15.95	8.01	49778	32.7	103.2	8.3
16-3	010799	1600	16.17	8.01	50007	32.8	103.9	8.3
16-3	010799	1615	16.30	8.02	49997	32.8	104.9	8.4
16-3	010799	1630	16.37	8.02	50115	32.9	105.5	8.4

Hydrolab DS3 Continuous Deployment at Station LB-3
January 06- 07, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
LB-3	010699	1115	13.37	7.55	42331	27.2	82.5	7.3
LB-3	010699	1130	13.65	7.66	43046	27.8	84.0	7.3
LB-3	010699	1145	13.67	7.68	43233	27.9	85.4	7.4
LB-3	010699	1200	13.68	7.67	42851	27.6	86.4	7.5
LB-3	010699	1215	13.81	7.68	42506	27.4	89.1	7.8
LB-3	010699	1230	14.03	7.70	42614	27.4	92.3	8.0
LB-3	010699	1245	14.07	7.69	43101	27.8	87.5	7.6
LB-3	010699	1300	14.06	7.71	43418	28.0	85.8	7.4
LB-3	010699	1315	14.21	7.72	43334	28.0	86.6	7.5
LB-3	010699	1330	14.29	7.73	43387	28.0	87.2	7.5
LB-3	010699	1345	14.50	7.73	43171	27.8	89.8	7.7
LB-3	010699	1400	14.21	7.73	43398	28.0	83.1	7.2
LB-3	010699	1415	14.52	7.74	43295	27.9	87.7	7.5
LB-3	010699	1430	14.60	7.74	43222	27.9	89.0	7.6
LB-3	010699	1445	14.37	7.73	43062	27.8	87.3	7.5
LB-3	010699	1500	14.41	7.73	42931	27.7	86.6	7.4
LB-3	010699	1515	14.47	7.73	42923	27.7	85.6	7.3
LB-3	010699	1530	14.57	7.73	42912	27.7	87.4	7.5
LB-3	010699	1545	14.62	7.73	42906	27.7	88.8	7.6
LB-3	010699	1600	14.69	7.74	42836	27.6	89.1	7.6
LB-3	010699	1615	14.69	7.74	42772	27.6	93.1	8.0
LB-3	010699	1630	14.74	7.74	42767	27.6	91.6	7.8
LB-3	010699	1645	14.70	7.73	42708	27.5	91.2	7.8
LB-3	010699	1700	14.69	7.73	42647	27.5	91.9	7.9
LB-3	010699	1715	14.70	7.73	42582	27.4	90.9	7.8
LB-3	010699	1730	14.70	7.72	42519	27.4	89.0	7.6
LB-3	010699	1745	14.69	7.72	42458	27.3	88.0	7.5
LB-3	010699	1800	14.69	7.71	42395	27.3	87.0	7.5
LB-3	010699	1815	14.72	7.72	42392	27.3	86.9	7.4
LB-3	010699	1830	14.74	7.72	42390	27.3	87.2	7.5
LB-3	010699	1845	14.75	7.72	42388	27.3	86.9	7.4
LB-3	010699	1900	14.79	7.73	42447	27.3	87.6	7.5
LB-3	010699	1915	14.85	7.74	42439	27.3	88.2	7.5

Hydrolab DS3 Continuous Deployment at Station LB-3
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Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
LB-3	010699	1930	14.87	7.74	42501	27.4	87.5	7.5
LB-3	010699	1945	14.89	7.74	42499	27.4	87.2	7.4
LB-3	010699	2000	14.89	7.72	42499	27.4	83.6	7.1
LB-3	010699	2015	14.89	7.71	42499	27.4	81.1	6.9
LB-3	010699	2030	14.84	7.71	42504	27.4	80.6	6.9
LB-3	010699	2045	14.80	7.69	42508	27.4	78.7	6.7
LB-3	010699	2100	14.80	7.69	42508	27.4	76.7	6.5
LB-3	010699	2115	14.72	7.68	42517	27.4	76.4	6.5
LB-3	010699	2130	14.65	7.68	42587	27.4	75.2	6.4
LB-3	010699	2145	14.62	7.67	42529	27.4	73.8	6.3
LB-3	010699	2200	14.39	7.67	42556	27.4	76.6	6.6
LB-3	010699	2215	14.27	7.67	42382	27.3	78.7	6.8
LB-3	010699	2230	14.06	7.66	42346	27.2	79.6	6.9
LB-3	010699	2245	13.93	7.67	42364	27.3	81.7	7.1
LB-3	010699	2300	14.06	7.67	42346	27.2	81.7	7.1
LB-3	010699	2315	14.12	7.67	42338	27.2	81.2	7.0
LB-3	010699	2330	14.17	7.67	42331	27.2	80.4	7.0
LB-3	010699	2345	14.17	7.68	42331	27.2	80.0	6.9
LB-3	010799	0000	14.17	7.69	42331	27.2	83.6	7.2
LB-3	010799	0015	14.03	7.68	42225	27.2	82.3	7.2
LB-3	010799	0030	13.99	7.68	42229	27.2	81.4	7.1
LB-3	010799	0045	13.98	7.68	42231	27.2	79.8	6.9
LB-3	010799	0100	13.93	7.67	42238	27.2	80.5	7.0
LB-3	010799	0115	13.93	7.67	42175	27.1	80.3	7.0
LB-3	010799	0130	13.88	7.66	42182	27.1	80.1	7.0
LB-3	010799	0145	13.84	7.67	42187	27.1	80.0	7.0
LB-3	010799	0200	13.81	7.67	42191	27.1	79.1	6.9
LB-3	010799	0215	13.79	7.66	42193	27.1	77.5	6.8
LB-3	010799	0230	13.76	7.66	42198	27.1	77.0	6.7
LB-3	010799	0245	13.69	7.65	42208	27.1	77.1	6.7
LB-3	010799	0300	13.66	7.65	42213	27.2	77.2	6.8
LB-3	010799	0315	13.69	7.65	42145	27.1	77.6	6.8
LB-3	010799	0330	13.68	7.64	42210	27.2	76.2	6.7

Hydrolab DS3 Continuous Deployment at Station LB-3
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Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
LB-3	010799	0345	13.55	7.64	42166	27.1	76.0	6.7
LB-3	010799	0400	13.51	7.64	42171	27.1	76.1	6.7
LB-3	010799	0415	13.50	7.64	42174	27.1	75.2	6.6
LB-3	010799	0430	13.56	7.63	42101	27.1	75.6	6.6
LB-3	010799	0445	13.81	7.64	42380	27.3	77.5	6.8
LB-3	010799	0500	13.81	7.64	42506	27.4	77.1	6.7
LB-3	010799	0515	13.81	7.64	42506	27.4	75.8	6.6
LB-3	010799	0530	13.83	7.63	42504	27.4	74.9	6.5
LB-3	010799	0545	13.74	7.63	42642	27.5	76.3	6.7
LB-3	010799	0600	13.74	7.63	42642	27.5	76.3	6.7
LB-3	010799	0615	13.61	7.63	42662	27.5	76.9	6.7
LB-3	010799	0630	13.58	7.63	42603	27.4	78.0	6.8
LB-3	010799	0645	13.60	7.63	42601	27.4	76.6	6.7
LB-3	010799	0700	13.56	7.62	42606	27.4	75.5	6.6
LB-3	010799	0715	13.17	7.65	42479	27.3	75.9	6.7
LB-3	010799	0730	13.09	7.66	42366	27.3	77.2	6.8
LB-3	010799	0745	13.09	7.67	42366	27.3	78.0	6.9
LB-3	010799	0800	13.05	7.68	42371	27.3	79.6	7.1
LB-3	010799	0815	13.05	7.68	42308	27.2	80.2	7.1
LB-3	010799	0830	13.07	7.68	42369	27.3	80.7	7.1
LB-3	010799	0845	13.07	7.69	42369	27.3	81.6	7.2
LB-3	010799	0900	13.07	7.70	42369	27.3	82.7	7.3
LB-3	010799	0915	13.01	7.74	42390	27.3	87.9	7.8
LB-3	010799	0930	13.14	7.74	42421	27.3	89.2	7.9
LB-3	010799	0945	13.23	7.72	42404	27.3	86.8	7.7
LB-3	010799	1000	13.42	7.69	42449	27.3	85.1	7.5
LB-3	010799	1015	13.58	7.69	42477	27.3	85.5	7.5
LB-3	010799	1030	13.70	7.69	42470	27.3	86.8	7.6
LB-3	010799	1045	13.83	7.70	42567	27.4	88.2	7.7
LB-3	010799	1100	13.93	7.71	42553	27.4	90.3	7.8
LB-3	010799	1115	14.01	7.72	42489	27.4	91.6	8.0
LB-3	010799	1130	14.09	7.75	42468	27.3	95.2	8.3
LB-3	010799	1145	14.19	7.76	42455	27.3	95.0	8.2

Hydrolab DS3 Continuous Deployment at Station LB-3
January 06- 07, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
LB-3	010799	1200	14.34	7.77	42436	27.3	97.1	8.4
LB-3	010799	1215	14.49	7.77	42418	27.3	98.9	8.5
LB-3	010799	1230	14.65	7.77	42399	27.3	96.7	8.3
LB-3	010799	1245	14.82	7.77	42380	27.3	101.2	8.6
LB-3	010799	1300	14.92	7.78	42307	27.2	102.1	8.7
LB-3	010799	1315	15.09	7.78	42227	27.2	102.3	8.7
LB-3	010799	1330	15.20	7.78	42278	27.2	101.3	8.6
LB-3	010799	1345	15.28	7.77	42333	27.2	98.6	8.3
LB-3	010799	1400	15.40	7.78	42323	27.2	101.5	8.6
LB-3	010799	1415	15.47	7.77	42380	27.3	98.4	8.3
LB-3	010799	1430	15.55	7.79	42435	27.3	102.7	8.6
LB-3	010799	1445	15.53	7.81	42562	27.4	101.8	8.6
LB-3	010799	1500	15.48	7.79	42630	27.5	99.0	8.3
LB-3	010799	1515	15.43	7.79	42760	27.5	98.4	8.3
LB-3	010799	1530	15.52	7.80	42752	27.5	98.2	8.3

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
10-1	021099	0638	0.2	33.7	51.22	22.88	8.15	6.50	92.8
10-1	021099	0639	1.0	33.7	51.20	22.91	8.15	6.67	95.3
10-1	021099	0639	2.8	33.7	51.16	22.92	8.16	6.70	95.7
10-1	021099	1333	0.2	33.7	51.21	23.43	8.15	6.90	99.4
10-1	021099	1334	1.0	33.7	51.22	23.37	8.15	7.00	100.9
10-1	021099	1335	3.3	34.0	51.67	22.96	8.19	7.19	102.8
10-2	021099	0625	0.2	33.9	51.52	22.85	8.14	6.66	95.3
10-2	021099	0626	0.9	33.9	51.49	22.87	8.16	6.45	92.1
10-2	021099	0626	1.6	33.9	51.48	22.87	8.17	6.52	93.2
10-2	021099	1400	0.2	33.9	51.52	23.29	8.17	7.01	101.2
10-2	021099	1401	0.7	34.0	51.54	23.24	8.17	7.17	103.1
10-2	021099	1402	1.2	34.3	51.99	22.87	8.21	7.50	107.5
10-3	021099	0605	0.2	34.2	51.87	22.83	8.12	6.32	90.4
10-3	021099	0606	1.0	34.2	51.88	22.83	8.13	6.64	95.2
10-3	021099	0608	5.9	34.2	51.87	22.83	8.18	6.68	95.5
10-3	021099	1438	0.2	34.5	52.27	23.15	8.19	7.18	103.4
10-3	021099	1439	1.0	34.5	52.26	23.13	8.19	7.20	103.9
10-3	021099	1440	3.8	34.5	52.21	23.12	8.21	7.31	105.7
10-4	021099	0824	0.2	34.2	51.91	22.82	8.20	6.45	92.0
10-4	021099	0824	1.0	34.3	51.96	22.83	8.20	6.52	93.4
10-4	021099	0825	4.8	34.2	51.90	22.85	8.21	6.71	96.0
10-4	021099	1037	0.2	34.1	51.76	22.89	8.19	6.16	88.2
10-4	021099	1037	1.0	34.2	51.82	22.89	8.19	6.18	88.6
10-4	021099	1038	4.3	34.2	51.90	22.80	8.21	6.16	88.0
10-5	021099	0810	0.2	33.7	51.25	23.03	8.14	6.29	90.0
10-5	021099	0810	1.0	33.8	51.34	23.02	8.16	6.33	90.7
10-5	021099	0811	5.0	33.9	51.48	23.00	8.18	6.46	92.5
10-5	021099	1105	0.2	32.8	49.97	22.86	8.11	6.24	88.7
10-5	021099	1106	1.0	33.4	50.79	22.90	8.13	6.39	90.2
10-5	021099	1107	3.4	33.8	51.29	23.00	8.15	6.49	92.9

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Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
11-1	021099	0649	0.2	33.6	51.06	23.41	8.17	6.49	93.5
11-1	021099	0650	1.0	33.6	51.07	23.41	8.18	6.72	96.9
11-1	021099	0651	2.7	33.6	51.03	23.40	8.18	6.80	98.0
11-1	021099	1308	0.2	33.6	51.08	23.87	8.18	6.92	100.5
11-1	021099	1309	1.0	33.6	51.09	23.60	8.18	7.00	101.2
11-1	021099	1309	2.9	33.6	51.11	23.34	8.17	6.97	99.6
11-2	021099	0702	0.2	33.8	51.28	23.14	8.14	6.35	91.1
11-2	021099	0703	1.0	33.8	51.28	23.16	8.15	6.56	94.1
11-2	021099	0703	3.1	33.8	51.29	23.17	8.15	6.57	94.4
11-2	021099	1244	0.2	33.5	51.03	23.64	8.13	6.63	96.4
11-2	021099	1245	1.0	33.7	51.13	23.40	8.13	6.88	98.4
11-2	021099	1246	3.0	34.1	51.78	22.93	8.19	7.30	104.6
11-3	021099	0713	0.2	33.6	51.02	23.26	8.12	6.04	86.7
11-3	021099	0714	1.0	33.6	51.11	23.32	8.12	6.15	88.1
11-3	021099	0715	2.7	33.6	51.09	23.34	8.13	6.26	90.0
11-3	021099	1222	0.2	33.6	51.09	23.46	8.12	6.63	95.7
11-3	021099	1223	1.0	33.6	51.12	23.33	8.12	6.69	96.3
11-3	021099	1224	1.9	33.8	51.41	23.23	8.13	6.24	89.7
11-4	021099	0726	0.2	33.4	50.80	22.98	8.14	6.34	90.5
11-4	021099	0727	0.9	33.7	51.17	23.23	8.15	6.28	90.2
11-4	021099	0728	1.5	33.8	51.28	23.22	8.15	6.25	89.9
11-4	021099	1132	0.2	33.5	50.97	23.19	8.15	6.58	94.4
11-4	021099	1132	1.0	33.7	51.22	23.19	8.15	6.65	95.6
11-4	021099	1133	2.1	33.7	51.25	23.20	8.16	6.56	94.3
11-5	021099	0738	0.2	31.5	48.24	23.20	8.09	6.26	88.7
11-5	021099	0739	1.0	32.4	49.46	23.65	8.13	6.45	92.7
11-5	021099	0740	1.9	33.3	50.60	23.51	8.11	5.88	84.7
11-5	021099	1153	0.2	33.0	50.20	23.43	8.12	6.53	93.7
11-5	021099	1154	1.0	33.4	50.78	23.31	8.14	6.63	95.0
11-5	021099	1155	2.2	33.7	51.20	23.30	8.16	6.67	95.9

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
13-1	021099	0607	0.2	30.7	47.36	23.27	7.79	6.42	90.7
13-1	021099	0608	0.5	31.0	47.59	23.31	7.79	6.38	90.3
13-1	021099	0609	0.7	31.1	47.69	23.32	7.78	6.37	90.3
13-1	021099	1337	0.3	32.4	49.49	24.87	8.03	10.67	157.5
13-2	021099	0622	0.2	29.3	45.34	23.61	7.75	6.03	83.9
13-2	021099	0623	0.8	29.7	45.92	23.77	7.73	5.85	83.4
13-2	021099	0624	1.3	31.2	47.83	23.95	7.74	5.38	78.3
13-2	021099	1309	0.2	30.8	47.37	24.20	7.77	6.47	92.9
13-2	021099	1309	0.9	30.8	47.58	24.16	7.77	6.50	93.1
13-2	021099	1310	1.5	31.8	48.63	24.20	7.81	6.69	96.1
13-3	021099	0639	0.3	29.9	46.12	23.37	7.67	4.98	71.0
13-3	021099	1240	0.2	29.8	45.98	24.67	7.72	6.18	89.1
13-3	021099	1241	0.6	29.9	46.16	24.21	7.71	5.98	84.8
13-3	021099	1241	1.0	30.0	46.30	24.10	7.69	5.66	80.9
13-4	021099	0650	0.2	30.0	46.24	23.84	7.73	5.61	79.9
13-4	021099	0650	0.7	30.1	46.41	24.05	7.70	5.28	76.1
13-4	021099	0651	1.2	30.1	46.31	23.98	7.71	5.47	77.3
13-4	021099	1217	0.2	29.8	46.02	24.13	7.71	5.59	80.6
13-4	021099	1217	0.9	29.9	46.08	24.11	7.71	5.53	79.9
13-4	021099	1218	1.6	30.2	46.66	24.41	7.65	5.05	72.8
13-5	021099	0700	0.2	30.0	46.31	24.01	7.76	6.07	85.7
13-5	021099	0701	1.0	30.0	46.24	24.06	7.75	6.13	88.0
13-5	021099	0701	1.8	30.0	46.22	24.06	7.75	6.18	87.6
13-5	021099	1155	0.2	29.6	45.69	23.87	7.70	5.49	77.8
13-5	021099	1156	1.0	29.6	45.61	23.87	7.70	5.76	81.7
13-5	021099	1157	2.3	29.6	45.75	23.76	7.69	5.73	81.1

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
14-1	021099	0708	0.2	30.3	46.68	23.87	7.81	6.17	87.7
14-1	021099	0708	1.0	30.3	46.64	23.90	7.81	6.21	87.2
14-1	021099	0708	1.7	30.3	46.63	23.90	7.81	6.21	88.6
14-1	021099	1142	0.2	30.1	46.42	24.19	7.76	5.92	85.4
14-1	021099	1142	1.0	30.1	46.41	24.19	7.76	6.01	85.6
14-1	021099	1143	1.9	30.2	46.57	24.19	7.75	5.69	81.4
14-2	021099	0716	0.2	30.4	46.71	23.86	7.79	5.99	84.9
14-2	021099	0717	0.7	30.3	46.73	23.86	7.80	5.94	83.1
14-2	021099	0718	1.2	30.3	46.69	23.86	7.80	5.94	84.4
14-2	021099	1129	0.2	30.4	46.78	23.98	7.89	6.93	98.6
14-2	021099	1130	0.9	30.4	46.72	23.99	7.88	6.95	99.0
14-2	021099	1130	1.5	30.3	46.73	23.99	7.88	7.04	99.9
14-3	021099	0725	0.2	30.7	47.23	23.94	7.84	6.06	86.4
14-3	021099	0726	1.0	30.8	47.70	23.98	7.84	6.04	86.2
14-3	021099	0727	2.0	32.6	49.83	24.62	7.78	4.80	70.3
14-3	021099	1114	0.2	30.8	47.33	24.22	7.89	6.28	89.6
14-3	021099	1115	1.0	31.1	47.74	24.22	7.87	5.87	85.1
14-3	021099	1116	1.7	32.1	49.14	24.60	7.83	5.51	77.0
14-4	021099	0734	0.2	32.1	49.08	23.18	7.92	6.56	93.3
14-4	021099	0734	0.6	32.2	49.34	23.40	7.89	6.05	87.2
14-4	021099	0735	0.9	32.5	49.73	23.89	7.77	4.14	59.7
14-4	021099	1057	0.2	31.9	48.85	23.58	7.97	7.24	103.4
14-4	021099	1057	0.5	31.9	48.86	23.56	7.98	7.39	104.1
14-4	021099	1058	0.8	31.9	48.89	23.55	7.98	7.55	108.1
14-5	021099	0743	0.2	33.0	50.28	23.40	7.87	5.53	80.5
14-5	021099	0743	0.6	33.0	50.27	23.39	7.87	5.64	80.9
14-5	021099	0744	1.0	32.9	50.26	23.40	7.87	5.61	80.2
14-5	021099	1036	0.2	33.0	50.37	23.29	7.93	6.26	88.8
14-5	021099	1037	0.6	33.0	50.28	23.33	7.92	6.28	89.9
14-5	021099	1037	1.0	32.9	50.22	23.32	7.92	6.31	89.3

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
16-1	020999	0636	0.2	33.0	50.31	23.68	7.82	5.47	78.6
16-1	020999	0636	0.5	33.1	50.47	23.69	7.80	5.35	77.2
16-1	020999	0637	0.7	33.1	50.47	23.69	7.77	5.19	74.1
16-1	020999	1440	0.2	33.5	51.00	25.83	7.95	8.73	130.5
16-1	020999	1440	0.5	33.5	51.01	25.81	7.95	8.82	133.2
16-1	020999	1441	0.8	33.4	50.95	25.61	7.98	9.34	140.5
16-2	020999	0650	0.2	33.3	50.73	23.87	7.84	5.94	86.2
16-2	020999	0650	0.5	33.3	50.72	23.88	7.84	5.95	86.3
16-2	020999	0651	0.7	33.3	50.72	23.88	7.83	5.90	84.1
16-2	020999	1419	0.3	33.5	50.99	25.51	7.97	9.23	138.2
16-3	020999	0657	0.2	33.4	50.93	23.66	7.85	6.20	90.0
16-3	020999	0658	1.0	33.5	51.02	23.66	7.83	6.12	88.6
16-3	020999	0658	1.8	33.5	51.00	23.66	7.81	5.93	80.0
16-3	020999	1407	0.2	33.5	51.11	24.96	7.85	7.15	105.9
16-3	020999	1407	1.0	33.6	51.17	24.46	7.87	7.79	113.6
16-3	020999	1408	1.9	33.6	51.13	24.41	7.89	7.92	116.3
16-4	020999	0705	0.2	33.7	51.23	23.43	7.80	5.78	83.3
16-4	020999	0705	0.5	33.7	51.27	23.47	7.80	5.77	83.4
16-4	020999	0706	0.7	33.7	51.24	23.46	7.80	5.75	83.7
16-4	020999	1354	0.2	33.6	51.20	24.38	7.80	6.87	99.5
16-4	020999	1355	0.6	33.6	51.24	24.28	7.80	6.79	99.7
16-4	020999	1355	1.0	33.6	51.24	24.28	7.80	6.86	99.8
16-5	020999	0713	0.2	33.5	51.04	23.20	7.81	5.94	85.1
16-5	020999	0714	1.0	33.6	51.10	23.17	7.81	6.14	86.7
16-5	020999	0714	2.2	33.6	51.11	23.16	7.82	6.21	88.4
16-5	020999	1343	0.2	33.9	51.61	23.80	7.83	6.81	99.7
16-5	020999	1344	1.0	34.1	51.78	23.37	7.82	6.88	99.2
16-5	020999	1344	2.1	34.2	51.90	23.30	7.82	6.94	100.2

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	020999	0756	0.2	25.6	39.95	24.37	7.68	5.33	74.2
LB-1	020999	0757	0.4	25.8	40.43	24.55	7.68	5.27	74.4
LB-1	020999	0757	0.5	25.8	40.36	24.54	7.68	5.34	75.0
LB-1	020999	1254	0.2	25.0	39.29	25.34	7.70	6.63	94.1
LB-1	020999	1255	0.4	24.9	39.19	25.61	7.73	6.73	99.3
LB-1	020999	1255	0.5	25.1	39.44	25.10	7.65	6.19	87.5
LB-2	020999	0806	0.2	25.5	39.78	23.99	7.70	5.24	71.8
LB-2	020999	0807	0.4	25.7	40.23	24.12	7.70	5.04	69.7
LB-2	020999	0807	0.5	26.5	41.24	24.24	7.70	4.85	68.0
LB-2	020999	1237	0.2	26.0	40.69	25.51	7.75	6.62	94.8
LB-2	020999	1238	0.5	26.5	41.33	25.09	7.75	6.27	90.8
LB-2	020999	1239	0.8	26.5	41.44	25.10	7.76	6.46	91.3
LB-3	020999	0817	0.2	28.6	44.29	23.87	7.86	4.97	70.7
LB-3	020999	0817	0.6	28.7	44.42	23.91	7.86	4.88	69.0
LB-3	020999	0817	1.0	28.8	44.57	23.94	7.86	4.90	68.3
LB-3	020999	1221	0.2	28.8	44.62	24.94	7.89	6.26	90.1
LB-3	020999	1222	0.6	29.6	45.68	25.03	7.93	6.54	94.1
LB-3	020999	1223	0.9	29.7	45.80	25.12	7.94	6.73	97.1
LB-4	020999	0825	0.2	30.5	46.97	23.65	8.01	6.02	85.1
LB-4	020999	0825	0.8	30.5	47.00	23.66	8.00	6.02	85.6
LB-4	020999	0826	1.3	30.6	47.09	23.71	7.98	5.48	77.9
LB-4	020999	1207	0.2	30.4	46.80	24.67	7.99	6.47	93.2
LB-4	020999	1207	0.8	30.8	47.30	24.42	7.94	5.55	80.1
LB-4	020999	1208	1.3	30.8	47.29	24.45	7.94	5.51	78.0
LB-5	020999	0832	0.2	31.9	48.84	23.90	7.98	5.78	82.5
LB-5	020999	0833	0.9	31.9	48.89	23.92	7.97	5.63	81.1
LB-5	020999	0833	1.5	32.3	49.38	24.28	7.83	3.78	54.0
LB-5	020999	1151	0.2	31.5	48.61	24.68	7.96	6.48	94.8
LB-5	020999	1152	0.9	32.0	49.02	24.45	7.92	6.05	86.0
LB-5	020999	1153	1.6	32.5	49.63	24.52	7.92	5.88	86.0

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
ML-1	020999	0644	0.3	0.28	0.55	23.48	7.40	5.99	70.4
ML-1	020999	1308	0.7	0.87	1.65	24.88	7.24	6.98	84.8
ML-1	020999	1309	1.2	1.35	2.43	24.52	7.20	6.27	76.6
ML-1	020999	1310	0.2	0.74	1.40	25.56	7.25	6.54	80.6
ML-2	020999	0625	0.3	1.52	2.79	23.84	7.34	6.05	72.1
ML-2	020999	1340	0.2	2.53	4.61	26.32	7.37	7.00	88.1
ML-2	020999	1341	0.4	2.82	5.10	25.73	7.34	6.65	83.3
ML-2	020999	1342	0.6	3.59	6.47	24.86	7.30	6.36	78.6
ML-3	020999	0615	0.2	1.56	2.91	24.01	7.35	5.95	71.4
ML-3	020999	0615	0.4	2.33	4.27	24.01	7.31	5.89	71.1
ML-3	020999	0617	0.5	4.95	8.80	24.33	7.17	4.82	58.4
ML-3	020999	1358	0.2	1.91	3.55	26.01	7.46	7.27	90.6
ML-3	020999	1359	0.7	3.51	6.18	24.95	7.35	6.28	77.2
ML-3	020999	1400	1.1	3.77	6.80	24.72	7.32	6.88	84.9
ML-4	020999	0601	0.7	1.98	3.65	24.33	7.36	6.02	72.9
ML-4	020999	0602	0.2	1.97	3.64	24.33	7.34	5.91	71.6
ML-4	020999	0602	1.2	1.99	3.66	24.34	7.33	5.98	72.4
ML-4	020999	1422	0.2	3.47	6.23	26.02	7.49	6.77	85.2
ML-4	020999	1423	0.9	5.83	10.28	25.03	7.41	6.14	77.2
ML-4	020999	1424	1.5	8.16	14.10	24.57	7.38	5.72	72.4
ML-5	020999	0549	0.2	2.72	4.96	24.29	7.12	5.85	71.1
ML-5	020999	0550	0.5	2.73	4.97	24.29	7.22	5.79	70.4
ML-5	020999	0551	0.8	2.73	4.97	24.29	7.26	5.71	69.5
ML-5	020999	1441	0.2	5.58	9.88	26.56	7.57	7.14	92.1
ML-5	020999	1442	0.4	5.65	9.99	26.54	7.56	7.19	92.9
ML-5	020999	1442	0.6	5.63	9.96	26.56	7.56	7.16	92.5

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
MU-1	020999	0755	0.2	0.19	0.38	22.57	7.08	6.02	69.7
MU-1	020999	0755	0.9	0.19	0.38	22.59	7.04	5.78	66.9
MU-1	020999	0756	1.5	0.19	0.38	22.59	7.02	4.69	54.6
MU-1	020999	1038	0.2	0.22	0.45	23.16	6.65	6.43	75.1
MU-1	020999	1039	1.0	0.21	0.41	23.06	6.84	5.85	68.4
MU-1	020999	1040	2.3	0.20	0.39	22.88	6.97	5.80	67.4
MU-2	020999	0744	0.2	0.19	0.38	22.73	7.15	5.68	66.0
MU-2	020999	0745	1.0	0.19	0.38	22.73	7.07	5.58	64.7
MU-2	020999	0746	1.9	0.19	0.38	22.74	7.06	5.53	64.2
MU-2	020999	1100	0.2	0.19	0.38	23.34	7.03	5.98	69.7
MU-2	020999	1100	0.5	0.19	0.38	22.87	6.99	5.77	67.1
MU-2	020999	1101	0.7	0.19	0.38	22.85	6.98	5.68	66.1
MU-3	020999	0721	0.2	0.20	0.39	22.89	7.18	5.92	68.7
MU-3	020999	0721	0.8	0.20	0.39	22.92	7.12	5.61	65.6
MU-3	020999	0722	1.4	0.20	0.39	22.91	7.11	5.52	64.4
MU-3	020999	1143	0.2	0.20	0.40	24.00	7.19	6.11	73.5
MU-3	020999	1144	0.9	0.20	0.40	23.44	7.09	5.69	66.9
MU-3	020999	1145	1.6	0.20	0.40	23.39	7.06	5.57	65.5
MU-4	020999	0712	0.2	0.20	0.41	23.06	7.28	5.53	64.4
MU-4	020999	0713	0.5	0.20	0.41	23.08	7.17	5.38	62.8
MU-4	020999	0713	0.8	0.20	0.40	23.08	7.14	5.34	62.4
MU-4	020999	1208	0.2	0.22	0.44	24.70	7.25	6.37	76.6
MU-4	020999	1209	0.7	0.22	0.43	23.81	7.16	6.00	69.8
MU-4	020999	1210	1.2	0.21	0.43	23.68	7.14	5.95	70.3
MU-5	020999	0659	0.2	0.23	0.46	23.33	7.34	6.32	73.8
MU-5	020999	0700	0.6	0.29	0.56	23.37	7.24	5.72	67.1
MU-5	020999	0700	0.9	0.32	0.63	23.42	7.21	5.63	66.1
MU-5	020999	1243	0.2	0.57	1.07	25.49	7.27	6.63	81.2
MU-5	020999	1244	0.7	0.75	1.41	24.82	7.19	6.42	77.7
MU-5	020999	1244	1.1	0.96	1.81	24.17	7.17	6.19	74.5

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	021099	0638	27.35361	-82.57389	27.35337	-82.57377	3.0			
10-1	021099	1333	27.35361	-82.57389	27.35358	-82.57425	3.5	1.7	990364	0.56
10-2	021099	0625	27.34111	-82.56667	27.34097	-82.56682	1.8			
10-2	021099	1400	27.34111	-82.56667	27.34090	-82.56613	1.4	>B	990366	0.49
10-3	021099	0605	27.33389	-82.58056	27.33468	-82.57872	6.1			
10-3	021099	1438	27.33389	-82.58056	27.33383	-82.57977	4.0	2.9	990365	0.17
10-4	021099	0824	27.31000	-82.56417	27.30983	-82.56363	5.0			
10-4	021099	1037	27.31000	-82.56417	27.31007	-82.56452	4.5	1.9	990360	0.77
10-5	021099	0810	27.30722	-82.55556	27.30880	-82.55682	5.2			
10-5	021099	1105	27.30722	-82.55556	27.30540	-82.55692	3.6	1.5	990362	0.51
11-1	021099	0649	27.36806	-82.56556	27.36783	-82.56582	2.9			
11-1	021099	1308	27.36806	-82.56556	27.36782	-82.56557	3.1	1.5	990356	0.74
11-2	021099	0702	27.34722	-82.55639	27.34743	-82.55642	3.3			
11-2	021099	1244	27.34722	-82.55639	27.34670	-82.55687	3.2	1.7	990361	0.24
11-3	021099	0713	27.33583	-82.55639	27.33622	-82.55673	2.9			
11-3	021099	1222	27.33583	-82.55639	27.33540	-82.55660	2.1	1.7	990359	0.60
11-4	021099	0726	27.32306	-82.54972	27.32295	-82.55062	1.7			
11-4	021099	1132	27.32306	-82.54972	27.32293	-82.55050	2.3	1.9	990357	0.45
11-5	021099	0738	27.31250	-82.54194	27.31255	-82.54317	2.1			
11-5	021099	1153	27.31250	-82.54194	27.31267	-82.54353	2.4	1.6	990358	0.56
13-1	021099	0607	27.29444	-82.55083	27.29658	-82.55032	0.9			
13-1	021099	1337	27.29444	-82.55083	27.29465	-82.55115	0.5	>B	990393	0.60
13-2	021099	0622	27.28417	-82.54722	27.28412	-82.54692	1.5			
13-2	021099	1309	27.28417	-82.54722	27.28403	-82.54747	1.7	>B	990397	0.69
13-3	021099	0639	27.26222	-82.53667	27.26177	-82.53732	0.6			
13-3	021099	1240	27.26222	-82.53667	27.26225	-82.53657	1.2	>B	990398	0.99
13-4	021099	0650	27.25500	-82.53361	27.25498	-82.53353	1.4			
13-4	021099	1217	27.25500	-82.53361	27.25568	-82.53312	1.8	>B	990391	0.83
13-5	021099	0700	27.24806	-82.52472	27.24815	-82.52472	2.0			
13-5	021099	1155	27.24806	-82.52472	27.24833	-82.52505	2.5	1.6	990390	0.73
14-1	021099	0708	27.23556	-82.51528	27.23553	-82.51537	1.9			
14-1	021099	1142	27.23556	-82.51528	27.23578	-82.51507	2.1	1.6	990394	0.75
14-2	021099	0716	27.22556	-82.51472	27.22538	-82.51487	1.4			
14-2	021099	1129	27.22556	-82.51472	27.22548	-82.51472	1.7	0.9	990395	1.07
14-3	021099	0725	27.21639	-82.50444	27.21605	-82.50418	2.2			
14-3	021099	1114	27.21639	-82.50444	27.21632	-82.50402	1.9	1.5	990389	0.85
14-4	021099	0734	27.19417	-82.50194	27.19402	-82.50197	1.1			
14-4	021099	1057	27.19417	-82.50194	27.19423	-82.50188	1.0	>B	990392	0.96
14-5	021099	0743	27.18583	-82.49917	27.18573	-82.49922	1.2			
14-5	021099	1036	27.18583	-82.49917	27.18608	-82.49953	1.2	>B	990399	1.14

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth Overall	Secchi Depth	Water Quality Sample	Attenuation Coefficient (m ⁻¹)
			Latitude	Longitude	Latitude	Longitude				
			(mmddyy)	(EST)	(degrees)	(degrees)				
16-1	020999	0636	27.16917	-82.49139	27.16965	-82.49122	0.9			
16-1	020999	1440	27.16917	-82.49139	27.16917	-82.49093	1.0	>B	990384	0.84
16-2	020999	0650	27.16028	-82.48667	27.16025	-82.48413	0.9			
16-2	020999	1419	27.16028	-82.48667	27.16167	-82.48465	0.6	>B	990386	1.25
16-3	020999	0657	27.15250	-82.48167	27.15295	-82.48113	2.0			
16-3	020999	1407	27.15250	-82.48167	27.15278	-82.48100	2.1	=B	990385	0.68
16-4	020999	0705	27.14389	-82.47167	27.14377	-82.47155	0.9			
16-4	020999	1354	27.14389	-82.47167	27.14388	-82.47158	1.2	>B	990382	1.20
16-5	020999	0713	27.13333	-82.46917	27.13360	-82.46865	2.4			
16-5	020999	1343	27.13333	-82.46917	27.13353	-82.46897	2.3	>B	990383	0.55
LB-1	020999	0756	27.04333	-82.43417	27.04460	-82.43283	0.7			
LB-1	020999	1254	27.04333	-82.43417	27.04422	-82.43228	0.7	>B	990379	1.15
LB-2	020999	0806	27.02389	-82.41972	27.02378	-82.41902	0.7			
LB-2	020999	1237	27.02389	-82.41972	27.02400	-82.41915	1.0	>B	990388	1.09
LB-3	020999	0817	26.99167	-82.39833	26.99140	-82.39827	1.2			
LB-3	020999	1221	26.99167	-82.39833	26.99173	-82.39827	1.1	>B	990387	0.89
LB-4	020999	0825	26.96972	-82.38611	26.96952	-82.38613	1.5			
LB-4	020999	1207	26.96972	-82.38611	26.97067	-82.38667	1.5	>B	990381	0.96
LB-5	020999	0832	26.96083	-82.37444	26.96073	-82.37438	1.7			
LB-5	020999	1151	26.96083	-82.37444	26.96063	-82.37418	1.8	1.6	990378	0.90
ML-1	020999	0644	27.04028	-82.28778	27.04160	-82.28837	0.6			
ML-1	020999	1310	27.04028	-82.28778	27.04080	-82.28777	1.4	>B	990374	2.78
ML-2	020999	0625	27.03111	-82.27389	27.03045	-82.27315	0.5			
ML-2	020999	1340	27.03111	-82.27389	27.03057	-82.27335	0.8	>B	990372	2.46
ML-3	020999	0615	27.03167	-82.27333	27.03095	-82.27288	0.7			
ML-3	020999	1358	27.03167	-82.27333	27.03148	-82.27307	1.3	>B	990368	2.23
ML-4	020999	0602	27.01556	-82.27222	27.01552	-82.27192	1.4			
ML-4	020999	1422	27.01556	-82.27222	27.01588	-82.27195	1.7	1.2	990376	2.40
ML-5	020999	0549	27.00472	-82.26306	27.00530	-82.26428	1.0			
ML-5	020999	1441	27.00472	-82.26306	27.00563	-82.26403	0.8	>B	990371	2.47
MU-1	020999	0755	27.09250	-82.32861	27.09317	-82.32755	1.7			
MU-1	020999	1038	27.09250	-82.32861	27.09242	-82.32740	2.5	1.4	990373	2.91
MU-2	020999	0744	27.08806	-82.32611	27.08705	-82.32545	2.1			
MU-2	020999	1100	27.08806	-82.32611	27.08915	-82.32673	0.9	>B	990377	3.96
MU-3	020999	0721	27.06694	-82.31278	27.06737	-82.31375	1.6			
MU-3	020999	1143	27.06694	-82.31278	27.06695	-82.31328	1.8	>B	990369	2.50
MU-4	020999	0712	27.06056	-82.30889	27.06167	-82.30770	1.0			
MU-4	020999	1208	27.06056	-82.30889	27.06200	-82.30835	1.4	>B	990375	2.41
MU-5	020999	0659	27.04583	-82.29417	27.04707	-82.29455	1.1			
MU-5	020999	1243	27.04583	-82.29417	27.04700	-82.29390	1.3	>B	990367	2.03

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	1.0M	1333	990364	2/10/1999	U0.005	U0.005	U0.005	0.14	0.14	0.007	0.12	0.8	4	2.5	5	8.10	1.8	0.7	33.7
10-2	MID	1400	990366	2/10/1999	U0.005	U0.005	U0.005	0.14	0.14	0.007	0.12	0.8	4	1.9	6	8.15	1.6	0.9	33.9
10-3	1.0M	1437	990365	2/10/1999	U0.005	U0.005	U0.005	0.18	0.18	0.007	0.11	0.8	3	1.3	5	8.17	1.6	U0.5	34.5
10-3 REP	1.0M	1450	990363	2/10/1999	U0.005	U0.005	U0.005	0.14	0.14	0.008	0.11	0.8	2	1.2	5	8.16	1.7	U0.5	NA
10-4	1.0M	1037	990360	2/10/1999	0.013	U0.005	U0.005	0.16	0.16	0.012	0.11	U0.5	6	2.1	8	8.14	1.5	U0.5	34.1
10-5	1.0M	1105	990362	2/10/1999	U0.005	U0.005	U0.005	0.19	0.19	0.023	0.13	0.7	4	2.7	10	8.08	3.6	U0.5	32.8
11-1	1.0M	1308	990356	2/10/1999	U0.005	U0.005	U0.005	0.21	0.21	0.007	0.14	0.7	5	3.0	9	8.17	1.8	1.5	33.6
11-2	1.0M	1244	990361	2/10/1999	U0.005	U0.005	U0.005	0.15	0.15	0.010	0.12	0.7	4	3.1	6	8.12	3.4	U0.5	33.5
11-3	1.0M	1222	990359	2/10/1999	U0.005	U0.005	U0.005	0.17	0.17	0.014	0.12	0.7	4	3.1	8	8.10	3.7	1.5	33.6
11-4	1.0M	1132	990357	2/10/1999	U0.005	U0.005	U0.005	0.15	0.15	0.017	0.12	0.7	3	2.6	6	8.08	3.2	0.8	33.5
11-5	1.0M	1153	990358	2/10/1999	U0.005	U0.005	U0.005	0.19	0.19	0.021	0.12	0.7	3	2.3	8	8.08	2.9	0.9	33.0
13-1	MID	1337	990393	2/10/1999	0.007	U0.005	U0.005	0.31	0.31	0.028	0.17	1.3	8	5.2	12	8.31	4.5	1.2	32.4
13-1 REP	MID	1339	990396	2/10/1999	0.009	U0.005	U0.005	0.28	0.28	0.028	0.16	1.3	6	4.7	13	8.32	4.2	1.1	NA
13-2	MID	1309	990397	2/10/1999	0.005	U0.005	0.007	0.38	0.39	0.042	0.18	1.6	4	2.8	13	8.01	5.7	U0.5	30.8
13-3	MID	1240	990398	2/10/1999	0.018	0.009	0.007	0.39	0.40	0.052	0.21	1.2	5	4.3	16	7.99	7.8	1.2	29.8
13-4	MID	1217	990391	2/10/1999	0.023	0.013	0.011	0.37	0.38	0.054	0.19	0.9	4	3.4	14	7.99	4.4	2.2	29.8
13-5	1.0M	1155	990390	2/10/1999	0.027	0.011	0.010	0.41	0.42	0.056	0.18	1.0	6	3.2	14	7.97	5.3	1.9	29.6
14-1	1.0M	1142	990394	2/10/1999	0.016	0.006	U0.005	0.37	0.37	0.050	0.19	1.1	4	3.0	13	8.01	5.8	0.5	30.1
14-2	MID	1129	990395	2/10/1999	U0.005	U0.005	U0.005	0.40	0.40	0.042	0.19	1.4	8	4.6	14	8.14	6.9	0.7	30.4
14-3	MID	1115	990389	2/10/1999	U0.005	U0.005	U0.005	0.40	0.40	0.029	0.16	1.7	6	4.3	15	8.13	8.4	1.8	30.8
14-4	MID	1056	990392	2/10/1999	0.007	U0.005	U0.005	0.42	0.42	0.020	0.17	1.5	5	3.6	13	8.20	7.0	2.0	31.9
14-5	MID	1035	990399	2/10/1999	0.008	U0.005	U0.005	0.33	0.33	0.018	0.17	1.5	9	4.6	14	8.12	11.7	2.6	33.0

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	MID	1440	990384	2/9/1999	0.009	U0.005	U0.005	0.25	0.25	0.016	0.16	1.6	4	2.4	11	8.24	4.0	U0.5	33.5
16-1 REP	MID	1443	990380	2/9/1999	0.014	U0.005	U0.005	0.29	0.29	0.016	0.16	1.5	3	2.2	11	8.27	4.3	U0.5	NA
16-2	MID	1418	990386	2/9/1999	0.008	U0.005	U0.005	0.27	0.27	0.019	0.15	1.4	8	5.7	10	8.26	4.3	0.9	33.5
16-3	1.0M	1407	990385	2/9/1999	0.012	U0.005	U0.005	0.24	0.24	0.020	0.13	1.0	3	2.9	10	8.16	4.0	U0.5	33.5
16-4	MID	1354	990382	2/9/1999	0.007	U0.005	U0.005	0.24	0.24	0.018	0.16	1.0	9	8.6	12	8.12	3.0	1.6	33.6
16-5	1.0M	1342	990383	2/9/1999	0.039	0.005	U0.005	0.14	0.14	0.020	0.11	U0.5	5	3.5	10	8.13	1.8	U0.5	33.9
LB-1	MID	1255	990379	2/9/1999	0.026	0.013	0.011	0.53	0.54	0.101	0.27	2.1	8	3.4	28	7.96	7.5	1.6	25.0
LB-2	MID	1238	990388	2/9/1999	0.032	0.007	U0.005	0.60	0.60	0.105	0.26	2.7	6	4.0	27	8.04	9.5	2.5	26.0
LB-3	MID	1221	990387	2/9/1999	0.014	U0.005	U0.005	0.43	0.43	0.070	0.24	1.9	6	3.2	20	8.19	8.9	0.9	28.8
LB-4	MID	1208	990381	2/9/1999	0.023	U0.005	U0.005	0.33	0.33	0.029	0.16	1.6	4	1.5	15	8.28	2.9	2.1	30.4
LB-5	MID	1150	990378	2/9/1999	0.028	U0.005	U0.005	0.36	0.36	0.019	0.19	1.5	6	3.4	15	8.24	4.0	2.8	31.5
ML-1	MID	1307	990374	2/9/1999	0.029	0.061	0.057	0.79	0.85	0.299	0.35	1.0	U2	2.4	100	7.49	3.4	1.4	0.74
ML-2	MID	1340	990372	2/9/1999	0.047	0.044	0.040	0.76	0.80	0.243	0.30	0.7	3	2.9	100	7.49	4.4	2.8	2.53
ML-3	MID	1358	990368	2/9/1999	0.035	0.043	0.039	0.74	0.78	0.247	0.28	1.2	3	2.6	90	7.56	6.7	2.1	1.91
ML-4	MID	1422	990376	2/9/1999	0.031	0.036	0.033	0.73	0.76	0.224	0.30	1.3	3	2.6	85	7.55	11.1	1.2	3.47
ML-5	MID	1441	990371	2/9/1999	0.022	0.025	0.022	0.74	0.76	0.205	0.28	1.7	3	2.6	85	7.59	9.7	1.2	5.58
MU-1	1.0M	1030	990373	2/9/1999	0.041	0.055	0.051	0.92	0.97	0.355	0.41	1.3	2	1.6	100	7.21	3.6	2.0	0.22
MU-1 REP	1.0M	1040	990370	2/9/1999	0.040	0.055	0.052	0.99	1.04	0.363	0.55	1.3	U2	1.7	100	7.23	4.0	2.1	NA
MU-2	MID	1100	990377	2/9/1999	0.043	0.056	0.052	0.91	0.96	0.355	0.38	1.2	2	1.6	100	7.25	1.7	2.2	0.19
MU-3	MID	1140	990369	2/9/1999	0.050	0.065	0.063	0.91	0.97	0.357	0.37	0.9	U2	0.95	90	7.26	1.3	1.1	0.20
MU-4	MID	1208	990375	2/9/1999	0.038	0.071	0.068	0.90	0.97	0.340	0.39	1.1	U2	1.2	95	7.33	3.9	0.6	0.22
MU-5	MID	1243	990367	2/9/1999	0.029	0.066	0.063	0.80	0.86	0.310	0.33	1.1	U2	1.5	100	7.37	2.6	0.7	0.57
EQP BLK		1500	990400	2/10/1999	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.75	U0.5	U0.5	NA
EQP BLK		1550	990401	2/10/1999	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.72	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rainfall		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)
			Begin (EST)	End (EST)	No	Yes	Min	Max				
020999	AM	16	0636	0713	0		0	- 100	22.4	CALM	<5	<0.5
020999	PM	16	1343	1440	0		10	- 20		300	5 - 10	<0.5 - 0.5
020999	AM	LB	0756	0832	0		0	- 50		CALM	<5	<0.5
020999	PM	LB	1151	1254	0		10	- 20	24.4	300	5	<0.5 - 0.5
020999	AM	ML	0549	0644	0		90	- 100	22.5	CALM	<5	<0.5
020999	PM	ML	1310	1441	0		40	- 50		185 - 336	<5 - 15	<0.5
020999	AM	MU	0659	0755	0		50	- 90		CALM	<5	<0.5
020999	PM	MU	1038	1243	0		30	- 40	26.3	15 - 27	<5 - 5	<0.5
021099	AM	10	0605	0824	0		75	- 100	21.9	240	<5 - 5	<0.5
021099	PM	10	1037	1438	0		60	- 100	20.5	150 - 270	5 - 10	<0.5 - 1.0
021099	AM	11	0649	0738	0		70	- 100		210 - 240	<5 - 5	<0.5
021099	PM	11	1132	1308	0		40	- 90		190 - 270	<5 - 5	<0.5 - 1.0
021099	AM	13	0607	0700	0		100		20.9	CALM	<5	<0.5
021099	PM	13	1155	1337	0		50	- 90		0	<5 - 5	<0.5 - 0.5
021099	AM	14	0708	0743	0		70	- 80		70	<5 - 5	<0.5 - 0.5
021099	PM	14	1036	1142	0		50	- 95	22.4	0	10	<0.5

Hydrolab Minisonde Continuous Deployment at Station 11-4
February 09-10, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
11-4	020999	1600	23.92		50667	33.13	107	7.4
11-4	020999	1615	23.88		50715	33.16	109	7.5
11-4	020999	1630	23.87		50875	33.28	110	7.6
11-4	020999	1645	23.80		50791	33.21	108	7.4
11-4	020999	1700	23.73		50737	33.16	106	7.3
11-4	020999	1715	23.64		51558	33.76	104	7.2
11-4	020999	1730	23.65		51146	33.46	103	7.1
11-4	020999	1745	23.54		48816	31.74	103	7.2
11-4	020999	1800	23.50		46622	30.15	102	7.2
11-4	020999	1815	23.47		47994	31.14	101	7.1
11-4	020999	1830	23.43		51056	33.37	100	6.9
11-4	020999	1845	23.55		48203	31.30	99.9	7.0
11-4	020999	1900	23.44		47503	30.78	99.0	7.0
11-4	020999	1915	23.45		44759	28.80	99.6	7.1
11-4	020999	1930	23.46		46714	30.21	98.3	6.9
11-4	020999	1945	23.54		48384	31.43	97.9	6.9
11-4	020999	2000	23.63		50263	32.81	97.5	6.8
11-4	020999	2015	23.66		50679	33.11	96.5	6.7
11-4	020999	2030	23.62		50647	33.09	96.0	6.7
11-4	020999	2045	23.57		50680	33.11	97.3	6.8
11-4	020999	2100	23.46		50685	33.10	96.4	6.7
11-4	020999	2115	23.46		50801	33.18	95.5	6.6
11-4	020999	2130	23.51		50764	33.16	94.2	6.5
11-4	020999	2145	23.54		50767	33.17	91.6	6.4
11-4	020999	2200	23.52		50802	33.19	90.2	6.3
11-4	020999	2215	23.48		50904	33.26	88.9	6.2
11-4	020999	2230	23.45		50816	33.20	87.6	6.1
11-4	020999	2245	23.45		50845	33.22	87.4	6.1
11-4	020999	2300	23.43		50852	33.22	87.0	6.0
11-4	020999	2315	23.52		50784	33.18	90.3	6.3
11-4	020999	2330	23.61		50834	33.22	92.3	6.4
11-4	020999	2345	23.58		50668	33.10	90.4	6.3
11-4	021099	0000	23.59		50661	33.10	90.1	6.2
11-4	021099	0015	23.57		50665	33.10	90.1	6.3

Hydrolab Minisonde Continuous Deployment at Station 11-4
February 09-10, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
11-4	021099	0030	23.56		50636	33.07	89.5	6.2
11-4	021099	0045	23.58		50586	33.04	88.8	6.2
11-4	021099	0100	23.58		50738	33.15	89.1	6.2
11-4	021099	0115	23.56		50735	33.15	88.1	6.1
11-4	021099	0130	23.50		50805	33.19	88.3	6.1
11-4	021099	0145	23.48		50770	33.16	88.4	6.1
11-4	021099	0200	23.50		50743	33.15	87.5	6.1
11-4	021099	0215	23.47		50767	33.16	87.4	6.1
11-4	021099	0230	23.46		50703	33.11	86.4	6.0
11-4	021099	0245	23.45		50753	33.15	86.3	6.0
11-4	021099	0300	23.41		50768	33.16	85.4	5.9
11-4	021099	0315	23.40		50739	33.13	84.8	5.9
11-4	021099	0330	23.36		50724	33.12	84.7	5.9
11-4	021099	0345	23.35		50751	33.14	83.9	5.8
11-4	021099	0400	23.33		50755	33.14	81.9	5.7
11-4	021099	0415	23.29		50756	33.14	80.9	5.6
11-4	021099	0430	23.26		50770	33.14	82.0	5.7
11-4	021099	0445	23.25		50672	33.07	82.7	5.8
11-4	021099	0500	23.28		50611	33.03	81.5	5.7
11-4	021099	0515	23.36		50460	32.92	83.4	5.8
11-4	021099	0530	23.38		50900	33.25	83.6	5.8
11-4	021099	0545	23.37		50931	33.27	82.9	5.8
11-4	021099	0600	23.35		51001	33.32	82.1	5.7
11-4	021099	0615	23.36		50947	33.28	84.6	5.9
11-4	021099	0630	23.35		51017	33.33	85.1	5.9
11-4	021099	0645	23.31		51047	33.35	85.6	6.0
11-4	021099	0700	23.28		51061	33.36	84.8	5.9
11-4	021099	0715	23.28		50981	33.30	84.4	5.9
11-4	021099	0730	23.28		50917	33.25	85.0	5.9
11-4	021099	0745	23.27		50854	33.20	85.1	5.9
11-4	021099	0800	23.31		50967	33.29	84.3	5.9
11-4	021099	0815	23.31		50948	33.28	85.3	5.9
11-4	021099	0830	23.30		50948	33.28	84.4	5.9
11-4	021099	0845	23.25		50914	33.25	86.1	6.0
11-4	021099	0900	23.18		50886	33.22	86.2	6.0

Hydrolab Minisonde Continuous Deployment at Station 11-4
February 09-10, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
11-4	021099	0915	23.15		50790	33.15	88.1	6.2
11-4	021099	0930	23.19		50726	33.10	87.7	6.1
11-4	021099	0945	23.22		50772	33.14	86.8	6.1
11-4	021099	1000	23.22		50765	33.14	88.8	6.2
11-4	021099	1015	23.25		50770	33.14	89.9	6.3
11-4	021099	1030	23.26		50844	33.20	91.4	6.4
11-4	021099	1045	23.27		50816	33.18	91.7	6.4
11-4	021099	1100	23.31		50615	33.03	90.6	6.3
11-4	021099	1115	23.31		50634	33.05	92.5	6.5
11-4	021099	1130	23.32		50566	33.00	92.3	6.4
11-4	021099	1145	23.36		50533	32.98	94.5	6.6
11-4	021099	1200	23.40		50549	33.00	98.0	6.8
11-4	021099	1215	23.47		50614	33.05	106	7.4
11-4	021099	1230	23.50		50709	33.12	110	7.7
11-4	021099	1245	23.48		50713	33.12	107	7.4
11-4	021099	1300	23.44		50681	33.10	102	7.1
11-4	021099	1315	23.46		50720	33.13	105	7.3
11-4	021099	1330	23.51		50690	33.11	106	7.3
11-4	021099	1345	23.54		50759	33.16	108	7.5
11-4	021099	1400	23.56		50727	33.14	108	7.5
11-4	021099	1415	23.48		50723	33.13	103	7.1
11-4	021099	1430	23.49		50733	33.14	101	7.0
11-4	021099	1445	23.53		50649	33.08	105	7.3
11-4	021099	1500	23.55		50627	33.07	105	7.3
11-4	021099	1515	23.60		50608	33.06	108	7.5
11-4	021099	1530	23.55		50427	32.92	107	7.4
11-4	021099	1545	23.60		50668	33.10	105	7.3

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
10-1	031099	0633	0.2	34.4	52.13	19.14	7.99	7.11	94.9
10-1	031099	0633	1.0	34.4	52.07	19.13	7.98	7.29	97.5
10-1	031099	0634	3.3	34.3	52.05	19.10	7.98	7.34	97.9
10-1	031099	1145	0.2	34.2	51.90	19.71	7.97	7.24	99.2
10-1	031099	1146	1.0	34.2	51.87	19.62	7.97	7.42	100.3
10-1	031099	1147	2.7	34.3	51.97	19.40	7.96	7.46	100.3
10-2	031099	0658	0.2	34.4	52.12	19.45	8.01	6.84	91.8
10-2	031099	0659	0.7	34.4	52.13	19.46	8.01	7.07	94.6
10-2	031099	0700	1.2	34.4	52.10	19.46	8.01	7.06	93.5
10-2	031099	1429	0.2	34.3	52.04	20.80	7.95	7.57	104.3
10-2	031099	1430	0.8	34.3	52.04	20.82	7.95	7.55	105.1
10-2	031099	1431	1.3	34.3	52.04	20.82	7.95	7.73	106.3
10-3	031099	0606	0.2	33.8	51.35	19.36	8.08	7.05	94.3
10-3	031099	0607	1.0	33.8	51.49	19.35	8.02	7.15	95.6
10-3	031099	0608	7.6	34.3	51.94	19.36	7.96	7.19	96.2
10-3	031099	1056	0.2	33.7	51.66	20.25	7.96	7.34	99.7
10-3	031099	1056	0.9	34.3	51.96	19.86	7.96	7.47	101.9
10-3	031099	1058	1.5	34.3	51.99	19.83	7.96	7.43	100.9
10-4	031099	0712	0.2	34.4	52.09	19.41	8.00	7.22	97.0
10-4	031099	0713	1.0	34.4	52.09	19.41	7.99	7.37	98.7
10-4	031099	0714	2.9	34.4	52.07	19.41	7.99	7.35	98.1
10-4	031099	1400	0.2	34.3	52.09	21.37	8.09	10.20	142.8
10-4	031099	1401	1.0	34.3	52.15	20.62	8.01	9.02	120.1
10-4	031099	1403	4.6	34.3	52.00	19.62	7.94	7.63	102.1
10-5	031099	0745	0.2	34.0	51.55	19.37	7.87	5.51	74.1
10-5	031099	0745	0.8	34.1	51.76	19.51	7.91	7.21	93.8
10-5	031099	0746	1.4	33.9	51.49	19.40	7.88	5.73	73.2
10-5	031099	1335	0.2	34.1	51.84	20.93	7.99	8.30	114.6
10-5	031099	1336	1.0	34.1	51.82	20.93	7.98	8.37	115.3
10-5	031099	1336	1.8	34.1	51.80	20.24	7.95	7.92	107.8

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
11-1	031099	0639	0.2	34.2	51.84	19.40	7.97	7.10	95.1
11-1	031099	0640	1.0	34.2	51.85	19.40	7.97	7.16	95.9
11-1	031099	0641	3.4	34.2	51.88	19.36	7.97	7.15	95.4
11-1	031099	1206	0.2	34.1	51.81	20.08	7.96	7.39	100.5
11-1	031099	1207	1.0	34.1	51.79	20.05	7.96	7.51	102.1
11-1	031099	1208	3.4	34.3	51.94	19.65	7.97	7.62	102.8
11-2	031099	0623	0.2	34.3	52.06	19.49	7.98	6.99	94.0
11-2	031099	0624	1.0	34.3	52.03	19.47	7.97	7.06	94.8
11-2	031099	0624	3.2	34.3	51.97	19.43	7.97	7.17	94.2
11-2	031099	1124	0.2	34.3	52.06	19.99	7.97	7.15	96.6
11-2	031099	1125	1.0	34.3	52.03	19.96	7.96	7.30	98.5
11-2	031099	1126	3.3	34.3	51.96	19.60	7.96	7.55	101.8
11-3	031099	0649	0.2	34.3	52.05	19.30	7.97	6.95	93.3
11-3	031099	0650	1.0	34.4	52.07	19.30	7.97	7.09	94.4
11-3	031099	0651	2.9	34.3	52.01	19.30	7.96	7.20	96.7
11-3	031099	1229	0.2	34.2	51.87	20.13	7.95	7.30	98.9
11-3	031099	1230	1.0	34.2	51.85	20.08	7.94	7.38	99.5
11-3	031099	1232	2.2	34.2	51.84	20.06	7.94	7.37	100.0
11-4	031099	0725	0.2	33.8	51.38	19.67	7.96	7.00	94.4
11-4	031099	0726	1.0	33.8	51.38	19.68	7.96	6.94	94.7
11-4	031099	0726	2.0	33.9	51.49	19.63	7.92	6.43	84.4
11-4	031099	1251	0.2	33.9	51.51	20.65	7.93	7.01	95.9
11-4	031099	1251	1.0	33.9	51.50	20.66	7.93	7.11	97.4
11-4	031099	1252	2.6	34.1	51.73	20.38	7.95	7.30	102.1
11-5	031099	0737	0.2	34.2	51.91	19.40	7.97	7.06	94.6
11-5	031099	0738	1.0	34.2	51.92	19.39	7.97	7.15	95.8
11-5	031099	0738	2.6	34.2	51.87	19.40	7.96	7.14	95.6
11-5	031099	1314	0.2	34.1	51.78	20.98	7.97	7.67	106.0
11-5	031099	1314	1.0	34.2	51.88	20.67	7.96	7.73	106.1
11-5	031099	1316	2.2	34.2	51.93	20.14	7.95	7.62	103.1

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
13-1	031099	0548	0.2	32.1	48.97	19.81	7.89	6.77	90.5
13-1	031099	0549	0.5	32.1	48.97	19.81	7.88	6.77	90.3
13-1	031099	0549	0.8	32.1	48.94	19.80	7.88	6.77	90.3
13-1	031099	1351	0.2	33.5	50.93	21.07	8.05	7.72	106.4
13-1	031099	1351	1.0	33.5	50.93	21.00	8.05	7.65	105.3
13-1	031099	1352	2.0	33.5	50.93	20.54	8.06	7.81	106.3
13-2	031099	0559	0.2	32.2	49.12	19.61	7.90	6.79	90.9
13-2	031099	0600	0.5	32.2	49.17	19.65	7.89	6.83	91.0
13-2	031099	0600	0.8	32.4	49.36	19.72	7.89	6.58	87.7
13-2	031099	1331	0.2	32.8	49.92	21.33	8.03	7.81	107.6
13-2	031099	1332	0.6	32.8	49.93	21.34	8.03	7.78	107.4
13-2	031099	1332	0.9	32.8	49.92	21.34	8.04	7.85	108.8
13-3	031099	0611	0.2	31.9	48.82	19.80	7.86	6.37	85.0
13-3	031099	0611	0.9	32.0	48.82	19.81	7.86	6.33	84.9
13-3	031099	0612	1.5	31.9	48.79	19.81	7.86	6.33	84.4
13-3	031099	1306	0.2	32.4	49.44	21.02	7.98	7.23	99.5
13-3	031099	1308	1.0	32.4	49.45	21.01	7.98	7.28	99.6
13-3	031099	1308	1.7	32.4	49.45	20.97	7.99	7.38	100.8
13-4	031099	0621	0.2	31.7	48.49	19.88	7.87	6.52	87.3
13-4	031099	0622	1.0	31.7	48.49	19.89	7.87	6.60	87.8
13-4	031099	0623	1.9	31.7	48.50	19.89	7.87	6.65	88.8
13-4	031099	1245	0.2	32.2	49.09	21.12	7.96	6.93	94.8
13-4	031099	1245	0.7	32.2	49.09	20.93	7.95	6.90	94.0
13-4	031099	1246	1.2	32.2	49.10	20.88	7.96	6.96	95.3
13-5	031099	0633	0.2	32.1	49.07	19.66	7.92	6.83	90.9
13-5	031099	0634	1.0	32.2	49.10	19.66	7.92	6.77	90.0
13-5	031099	0635	1.8	32.1	49.07	19.66	7.92	6.79	90.3
13-5	031099	1211	0.2	32.1	48.98	20.80	7.96	6.89	92.6
13-5	031099	1212	1.0	32.1	49.03	20.78	7.97	7.09	96.4
13-5	031099	1213	1.9	32.2	49.13	20.69	8.02	7.76	105.8

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
14-1	031099	0640	0.2	32.1	48.94	19.60	7.90	6.75	89.6
14-1	031099	0641	0.9	32.1	48.97	19.63	7.90	6.61	87.8
14-1	031099	0642	1.6	32.1	48.97	19.64	7.90	6.84	89.4
14-1	031099	1153	0.2	32.2	49.11	20.77	7.96	6.73	91.5
14-1	031099	1154	1.0	32.2	49.09	20.58	7.96	6.68	90.5
14-1	031099	1155	1.8	32.2	49.20	20.20	8.02	7.38	99.0
14-2	031099	0703	0.2	32.3	49.26	19.58	7.93	5.20	69.1
14-2	031099	0704	0.5	32.3	49.24	19.53	7.92	5.04	66.5
14-2	031099	0704	0.7	32.3	49.23	19.54	7.93	5.05	66.7
14-2	031099	1130	0.2	32.3	49.31	21.11	8.04	6.61	90.9
14-2	031099	1131	0.5	32.3	49.32	21.10	8.05	6.66	90.7
14-2	031099	1132	0.7	32.3	49.30	21.10	8.05	6.63	90.9
14-3	031099	0716	0.2	32.7	49.81	19.71	7.97	6.14	82.7
14-3	031099	0717	0.5	32.7	49.83	19.71	7.97	6.06	82.1
14-3	031099	0717	0.8	32.7	49.81	19.71	7.97	6.10	81.5
14-3	031099	1105	0.2	32.7	49.77	20.81	8.06	7.06	96.3
14-3	031099	1106	0.6	32.7	49.77	20.87	8.06	7.10	97.0
14-3	031099	1107	0.9	32.7	49.81	20.62	8.07	7.15	97.4
14-4	031099	0724	0.2	32.5	49.60	19.93	8.03	6.50	87.1
14-4	031099	0724	0.8	32.6	49.69	19.88	8.01	6.10	81.7
14-4	031099	0725	1.4	32.7	49.82	19.89	8.01	6.49	87.0
14-4	031099	1051	0.2	32.7	49.80	20.55	8.07	6.95	94.4
14-4	031099	1052	0.9	32.7	49.84	20.46	8.07	6.92	93.8
14-4	031099	1053	1.6	32.9	50.12	20.01	8.05	6.74	90.1
14-5	031099	0733	0.2	33.5	50.90	19.76	7.97	6.34	85.1
14-5	031099	0734	0.6	33.5	50.90	19.76	7.97	6.31	85.2
14-5	031099	0734	0.9	33.5	50.91	19.76	7.96	6.36	85.3
14-5	031099	1028	0.2	33.5	50.95	20.22	8.02	6.83	92.6
14-5	031099	1028	0.9	33.5	50.97	20.16	8.02	6.80	92.1
14-5	031099	1029	1.5	33.5	50.97	20.07	8.03	6.98	94.2

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
16-1	030999	0546	0.3	32.6	49.69	18.54	7.90	6.48	84.5
16-1	030999	1405	0.2	34.1	51.69	19.50	8.06	7.74	105.2
16-1	030999	1406	0.6	34.1	51.70	19.48	8.06	7.80	104.7
16-1	030999	1407	1.0	34.1	51.69	19.49	8.06	7.87	105.8
16-2	030999	0558	0.2	33.3	50.69	18.73	7.91	6.79	89.2
16-2	030999	0558	0.5	33.3	50.67	18.74	7.91	6.79	88.8
16-2	030999	0559	0.8	33.3	50.68	18.76	7.91	6.70	88.3
16-2	030999	1341	0.2	33.9	51.48	19.66	8.05	7.61	102.3
16-2	030999	1342	0.5	33.9	51.50	19.66	8.05	7.67	103.2
16-2	030999	1343	0.8	33.9	51.49	19.66	8.05	7.70	104.0
16-3	030999	0611	0.2	33.4	50.80	17.92	7.88	6.20	80.3
16-3	030999	0611	0.7	33.4	50.81	17.95	7.88	6.17	80.0
16-3	030999	0612	1.1	33.4	50.79	17.94	7.88	6.19	80.1
16-3	030999	1322	0.2	34.3	52.01	19.94	8.13	8.83	119.7
16-3	030999	1323	0.7	34.3	52.02	19.94	8.13	8.90	121.1
16-3	030999	1324	1.2	34.3	52.00	19.94	8.13	8.94	121.0
16-4	030999	0623	0.2	34.2	51.87	18.18	7.94	7.02	91.9
16-4	030999	0623	0.7	34.2	51.90	18.19	7.93	7.02	91.9
16-4	030999	0624	1.1	34.2	51.88	18.21	7.93	7.09	92.9
16-4	030999	1306	0.2	34.4	52.16	19.05	8.05	7.65	101.9
16-4	030999	1307	1.0	34.4	52.14	19.04	8.05	7.77	103.5
16-4	030999	1307	2.1	34.4	52.15	18.99	8.05	7.79	104.1
16-5	030999	0637	0.2	34.3	52.00	18.19	7.96	7.17	92.9
16-5	030999	0637	1.0	34.3	51.99	18.23	7.95	7.17	93.9
16-5	030999	0638	3.7	34.3	52.00	18.24	7.96	7.27	94.7
16-5	030999	1247	0.2	34.4	52.10	18.80	8.04	7.65	101.4
16-5	030999	1248	1.0	34.4	52.12	18.80	8.03	7.58	100.6
16-5	030999	1249	3.8	34.4	52.12	18.78	8.04	7.76	102.9

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	030999	0717	0.2	30.0	46.08	18.21	7.73	5.97	75.5
LB-1	030999	0718	0.4	30.0	46.15	18.23	7.73	5.79	74.2
LB-1	030999	0718	0.6	29.9	46.02	18.47	7.74	5.84	74.8
LB-1	030999	1153	0.2	30.1	46.28	20.52	7.91	7.44	99.7
LB-1	030999	1154	0.5	30.1	46.28	20.51	7.91	7.45	100.0
LB-1	030999	1155	0.8	30.1	46.27	20.51	7.91	7.52	100.5
LB-2	030999	0728	0.3	30.6	46.93	18.76	7.97	6.30	81.3
LB-2	030999	1133	0.3	30.3	46.60	19.60	8.10	7.73	101.2
LB-3	030999	0738	0.2	30.7	47.11	19.09	8.07	6.92	90.3
LB-3	030999	0738	0.7	30.7	47.12	19.11	8.07	6.90	90.0
LB-3	030999	0739	1.1	30.7	47.15	19.10	8.07	6.90	89.8
LB-3	030999	1115	0.2	30.8	47.17	19.33	8.09	7.28	95.2
LB-3	030999	1116	0.8	30.7	47.14	19.33	8.08	7.28	95.4
LB-3	030999	1117	1.3	30.7	47.17	19.33	8.08	7.29	95.6
LB-4	030999	0745	0.2	31.5	48.18	18.72	8.18	6.20	80.7
LB-4	030999	0745	0.7	31.5	48.21	18.75	8.18	6.12	79.7
LB-4	030999	0746	1.2	31.5	48.18	18.74	8.18	6.18	80.3
LB-4	030999	1052	0.2	31.8	48.55	18.94	8.14	7.21	93.1
LB-4	030999	1053	0.4	31.8	48.55	18.94	8.14	7.19	92.6
LB-4	030999	1053	0.6	31.8	48.53	18.95	8.14	7.16	93.0
LB-5	030999	0801	0.2	33.6	51.09	18.55	8.12	6.88	90.4
LB-5	030999	0802	0.5	33.6	51.11	18.57	8.11	6.91	90.4
LB-5	030999	0803	0.8	33.7	51.12	18.57	8.11	6.85	90.4
LB-5	030999	1019	0.2	33.6	50.99	19.03	8.16	7.13	94.6
LB-5	030999	1020	0.8	33.5	50.98	19.03	8.16	7.11	94.7
LB-5	030999	1021	1.4	33.5	50.96	19.03	8.16	7.17	95.0

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Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
ML-1	030999	0628	0.2	2.70	5.06	19.88	7.64	7.48	83.8
ML-1	030999	0628	1.0	2.90	5.37	20.05	7.67	7.54	84.6
ML-1	030999	0629	3.0	3.30	6.11	20.11	7.70	7.64	86.1
ML-1	030999	1321	0.2	7.30	12.63	21.42	7.76	8.66	102.7
ML-1	030999	1321	1.0	7.40	12.90	21.16	7.77	8.70	101.9
ML-1	030999	1322	3.2	7.90	13.60	20.71	7.71	8.50	99.7
ML-2	030999	0615	0.3	5.50	9.62	18.67	7.72	6.84	76.0
ML-2	030999	1342	0.2	5.80	10.21	21.88	7.86	8.83	104.7
ML-2	030999	1343	0.5	8.10	14.35	21.69	7.85	9.26	111.1
ML-2	030999	1345	0.7	7.10	13.90	21.71	7.88	9.49	112.2
ML-3	030999	0603	0.2	6.60	11.47	20.13	7.73	7.49	85.9
ML-3	030999	0604	1.0	7.30	12.66	20.33	7.70	7.36	84.5
ML-3	030999	0605	1.7	7.40	12.89	20.45	7.69	7.30	85.0
ML-3	030999	1406	0.2	10.8	18.15	20.61	7.74	8.13	97.2
ML-3	030999	1407	1.0	11.8	19.69	19.73	7.70	7.93	93.3
ML-3	030999	1407	2.1	12.3	20.53	19.57	7.68	7.84	92.3
ML-4	030999	0552	0.2	8.10	13.99	19.92	7.67	7.49	86.5
ML-4	030999	0553	0.6	8.10	13.97	19.92	7.68	7.47	86.4
ML-4	030999	0554	0.9	8.10	14.04	19.95	7.67	7.43	86.0
ML-4	030999	1428	0.2	12.4	20.80	21.36	7.75	7.84	95.2
ML-4	030999	1429	0.6	13.3	22.11	20.51	7.75	7.86	94.9
ML-4	030999	1429	1.0	13.5	22.32	20.08	7.71	7.53	89.7
ML-5	030999	0537	0.2	11.9	19.93	19.70	7.70	7.16	84.3
ML-5	030999	0538	0.4	12.0	19.99	19.70	7.72	7.18	84.7
ML-5	030999	0538	0.6	12.0	19.98	19.67	7.73	7.19	84.6
ML-5	030999	1453	0.2	17.0	27.55	20.91	7.82	8.38	104.3
ML-5	030999	1454	1.0	17.1	27.69	21.00	7.82	8.47	105.7
ML-5	030999	1455	1.9	17.4	28.26	19.92	7.73	7.76	94.9

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Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
MU-1	030999	0757	0.2	0.20	0.43	19.59	7.35	6.95	76.0
MU-1	030999	0758	0.9	0.20	0.43	19.61	7.34	6.97	76.4
MU-1	030999	0758	1.6	0.20	0.43	19.60	7.33	6.95	75.9
MU-1	030999	1059	0.2	0.20	0.46	20.07	7.00	7.52	82.8
MU-1	030999	1059	1.0	0.20	0.45	20.01	7.15	7.46	82.2
MU-1	030999	1100	2.3	0.20	0.45	19.99	7.20	7.41	81.5
MU-2	030999	0737	0.2	0.20	0.45	19.83	7.44	6.87	75.3
MU-2	030999	0738	0.9	0.20	0.45	19.83	7.43	6.87	75.4
MU-2	030999	0738	1.6	0.20	0.45	19.82	7.42	6.86	75.3
MU-2	030999	1130	0.2	0.30	0.54	20.68	7.46	7.82	87.3
MU-2	030999	1131	1.0	0.30	0.54	20.52	7.46	7.81	87.0
MU-2	030999	1132	2.5	0.30	0.54	20.49	7.44	7.82	87.0
MU-3	030999	0714	0.2	0.30	0.52	20.02	7.54	7.14	78.8
MU-3	030999	1200	0.2	1.10	2.17	20.78	7.58	8.21	92.4
MU-3	030999	1201	0.4	1.10	2.19	20.78	7.59	8.18	92.1
MU-3	030999	1201	0.5	1.10	2.22	20.80	7.59	8.19	92.2
MU-4	030999	0700	0.2	0.30	0.60	19.99	7.59	7.25	79.9
MU-4	030999	0701	0.4	0.30	0.59	20.00	7.58	7.27	80.1
MU-4	030999	0701	0.6	0.30	0.59	20.05	7.56	7.24	79.8
MU-4	030999	1221	0.2	2.50	4.74	21.19	7.67	8.47	97.0
MU-4	030999	1221	0.5	2.60	4.86	21.09	7.68	8.46	96.8
MU-4	030999	1222	0.8	2.60	4.89	21.06	7.68	8.48	97.0
MU-5	030999	0642	0.3	2.40	4.39	17.15	7.74	7.92	83.5
MU-5	030999	1257	0.2	2.30	4.35	21.40	7.75	8.73	100.3
MU-5	030999	1257	0.4	2.30	4.27	21.40	7.76	8.73	100.3
MU-5	030999	1258	0.6	2.30	4.31	21.38	7.76	8.73	100.4

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	031099	0633	27.35417	-82.58056	27.35400	-82.58035	3.5			
10-1	031099	1145	27.35417	-82.58056	27.35365	-82.58140	2.9	1.7	990553	0.64
10-2	031099	0658	27.33472	-82.56861	27.33487	-82.56907	1.4			
10-2	031099	1429	27.33472	-82.56861	27.33487	-82.56907	1.5	>B	990549	0.58
10-3	031099	0606	27.32694	-82.58778	27.32830	-82.58725	7.8			
10-3	031099	1056	27.32694	-82.58778	27.32673	-82.58962	1.7	>B	990556	0.67
10-4	031099	0712	27.32556	-82.56750	27.32587	-82.56747	3.1			
10-4	031099	1400	27.32556	-82.56750	27.32543	-82.56732	4.8	1.4	990554	0.59
10-5	031099	0745	27.30722	-82.54972	27.30757	-82.54965	1.6			
10-5	031099	1335	27.30722	-82.54972	27.30693	-82.54932	2.0	1.3	990552	1.03
11-1	031099	0639	27.36333	-82.57111	27.36345	-82.57138	3.6			
11-1	031099	1206	27.36333	-82.57111	27.36320	-82.57083	3.6	1.4	990546	0.80
11-2	031099	0623	27.34750	-82.56167	27.34707	-82.56127	3.4			
11-2	031099	1124	27.34750	-82.56167	27.34808	-82.56173	3.5	1.5	990551	0.53
11-3	031099	0649	27.33694	-82.56111	27.33697	-82.56142	3.1			
11-3	031099	1229	27.33694	-82.56111	27.33735	-82.55923	2.4	1.1	990550	0.64
11-4	031099	0725	27.32556	-82.54444	27.32565	-82.54388	2.2			
11-4	031099	1251	27.32556	-82.54444	27.32572	-82.54478	2.8	1.4	990548	0.77
11-5	031099	0737	27.31333	-82.54583	27.31298	-82.54547	2.8			
11-5	031099	1314	27.31333	-82.54583	27.31320	-82.54547	2.4	1.6	990555	0.72
13-1	031099	0548	27.29194	-82.54444	27.29207	-82.54422	1.0			
13-1	031099	1351	27.29194	-82.54444	27.29187	-82.54443	2.2	ND	990535	0.66
13-2	031099	0559	27.27944	-82.54667	27.27973	-82.54682	1.0			
13-2	031099	1331	27.27944	-82.54667	27.27908	-82.54642	1.1	>B	990542	0.19
13-3	031099	0611	27.26611	-82.53972	27.26617	-82.53960	1.7			
13-3	031099	1306	27.26611	-82.53972	27.26615	-82.53848	1.9	>B	990539	0.21
13-4	031099	0621	27.25778	-82.53639	27.25823	-82.53477	2.1			
13-4	031099	1245	27.25778	-82.53639	27.25853	-82.53483	1.4	>B	990544	0.54
13-5	031099	0633	27.24528	-82.52139	27.24552	-82.52117	2.0			
13-5	031099	1211	27.24528	-82.52139	27.24493	-82.52132	2.1	1.8	990545	0.41
14-1	031099	0640	27.23806	-82.52167	27.23787	-82.52163	1.8			
14-1	031099	1153	27.23806	-82.52167	27.23807	-82.52162	2.0	1.7	990543	0.62
14-2	031099	0703	27.22139	-82.51306	27.22115	-82.51365	0.9			
14-2	031099	1130	27.22139	-82.51306	27.22137	-82.51305	0.9	>B	990538	0.86
14-3	031099	0716	27.20639	-82.50500	27.20600	-82.50502	1.0			
14-3	031099	1105	27.20639	-82.50500	27.20628	-82.50435	1.1	>B	990540	0.84
14-4	031099	0724	27.20389	-82.50139	27.20403	-82.50120	1.6			
14-4	031099	1051	27.20389	-82.50139	27.20360	-82.50123	1.8	1.3	990537	0.70
14-5	031099	0733	27.19028	-82.49500	27.19020	-82.49513	1.1			
14-5	031099	1028	27.19028	-82.49500	27.18975	-82.49482	1.7	>B	990541	0.34

ND = Not Determined

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
16-1	030999	0546	27.17194	-82.49056	27.17185	-82.49087	0.6			
16-1	030999	1405	27.17194	-82.49056	27.17227	-82.49065	1.2	>B	990523	0.63
16-2	030999	0558	27.15722	-82.48472	27.15787	-82.48342	1.0			
16-2	030999	1341	27.15722	-82.48472	27.15782	-82.48375	1.0	>B	990516	0.59
16-3	030999	0611	27.14583	-82.47722	27.14565	-82.47705	1.3			
16-3	030999	1322	27.14583	-82.47722	27.14548	-82.47683	1.4	>B	990513	0.53
16-4	030999	0623	27.13639	-82.46972	27.13683	-82.47037	1.3			
16-4	030999	1306	27.13639	-82.46972	27.13675	-82.47022	2.3	1.5	990515	0.38
16-5	030999	0637	27.12833	-82.47028	27.12845	-82.46995	3.9			
16-5	030999	1247	27.12833	-82.47028	27.12820	-82.46958	4.0	1.3	990519	0.62
LB-1	030999	0717	27.03167	-82.42583	27.03143	-82.42452	0.8			
LB-1	030999	1153	27.03167	-82.42583	27.03183	-82.42492	1.0	>B	990520	0.90
LB-2	030999	0728	27.00806	-82.41000	27.00842	-82.40855	0.5			
LB-2	030999	1133	27.00806	-82.41000	27.00868	-82.40852	0.5	>B	990517	1.89
LB-3	030999	0738	26.98889	-82.39528	26.98882	-82.39542	1.3			
LB-3	030999	1115	26.98889	-82.39528	26.98945	-82.39653	1.5	1.0	990522	1.00
LB-4	030999	0745	26.97806	-82.39083	26.97795	-82.39125	1.4			
LB-4	030999	1052	26.97806	-82.39083	26.97815	-82.39023	0.8	>B	990514	0.54
LB-5	030999	0801	26.94694	-82.36778	26.94630	-82.36802	1.0			
LB-5	030999	1019	26.94694	-82.36778	26.94722	-82.36782	1.6	0.7	990521	1.12
ML-1	030999	0628	27.04167	-82.29167	27.04400	-82.29142	3.2			
ML-1	030999	1321	27.04167	-82.29167	27.04383	-82.29103	3.4	1.4	990531	1.72
ML-2	030999	0615	27.03500	-82.28167	27.03490	-82.28153	0.6			
ML-2	030999	1342	27.03500	-82.28167	27.03493	-82.28133	0.9	>B	990529	1.96
ML-3	030999	0603	27.02806	-82.27111	27.02823	-82.27092	1.9			
ML-3	030999	1406	27.02806	-82.27111	27.02832	-82.27105	2.3	1.4	990525	1.56
ML-4	030999	0552	27.01944	-82.27444	27.01960	-82.27398	1.1			
ML-4	030999	1428	27.01944	-82.27444	27.01993	-82.27375	1.2	1.1	990532	1.98
ML-5	030999	0537	27.00028	-82.25667	27.00237	-82.25668	0.8			
ML-5	030999	1453	27.00028	-82.25667	27.00037	-82.25620	2.1	1.1	990530	2.38
MU-1	030999	0757	27.09861	-82.33306	27.09945	-82.33292	1.8			
MU-1	030999	1059	27.09861	-82.33306	27.09893	-82.33273	2.5	1.5	990533	2.09
MU-2	030999	0737	27.08139	-82.32194	27.08282	-82.32108	1.8			
MU-2	030999	1130	27.08139	-82.32194	27.08270	-82.32207	2.7	1.6	990524	1.80
MU-3	030999	0714	27.06972	-82.31500	27.07040	-82.31402	0.4			
MU-3	030999	1200	27.06972	-82.31500	27.07003	-82.31370	0.7	>B	990528	1.88
MU-4	030999	0700	27.06222	-82.31222	27.06287	-82.31163	0.8			
MU-4	030999	1221	27.06222	-82.31222	27.06307	-82.31158	1.0	>B	990526	1.79
MU-5	030999	0642	27.05167	-82.29500	27.05135	-82.29440	0.6			
MU-5	030999	1257	27.05167	-82.29500	27.05135	-82.29452	0.8	>B	990527	1.80

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	1.0M	1145	990553	3/10/1999	0.008	U0.005	U0.005	0.33	0.33	0.005	0.10	0.7	9	3.6	5	8.15	1.0	0.8	34.2
10-2	MID	1429	990549	3/10/1999	U0.005	U0.005	U0.005	0.06	0.06	0.006	0.10	0.7	6	4.0	10	8.11	1.2	U0.5	34.3
10-2 REP	MID	1445	990547	3/10/1999	U0.005	U0.005	U0.005	0.08	0.08	0.006	0.09	0.7	8	4.5	9	8.07	1.5	U0.5	NA
10-3	MID	1056	990556	3/10/1999	U0.005	U0.005	U0.005	0.12	0.12	Q0.007	0.10	0.7	11	6.6	10	8.15	1.6	0.6	33.7
10-4	1.0M	1400	990554	3/10/1999	0.008	U0.005	U0.005	0.08	0.08	0.006	0.09	1.1	4	2.5	12	8.28	2.7	0.8	34.3
10-5	1.0M	1335	990552	3/10/1999	0.010	U0.005	U0.005	0.18	0.18	0.008	0.10	0.9	13	6.9	10	8.18	2.8	1.1	34.1
11-1	1.0M	1207	990546	3/10/1999	U0.005	U0.005	U0.005	0.23	0.23	0.006	0.11	0.8	9	4.5	10	8.14	1.3	1.8	34.1
11-2	1.0M	1124	990551	3/10/1999	0.009	U0.005	U0.005	0.09	0.09	0.005	0.11	0.9	11	4.8	13	8.15	1.5	1.1	34.3
11-3	1.0M	1229	990550	3/10/1999	0.005	U0.005	U0.005	0.08	0.08	0.006	0.10	0.9	4	3.8	9	8.11	1.4	1.4	34.2
11-4	1.0M	1251	990548	3/10/1999	0.007	U0.005	U0.005	0.18	0.18	0.010	0.12	0.9	6	4.6	10	8.10	2.0	0.8	33.9
11-5	1.0M	1313	990555	3/10/1999	0.008	U0.005	U0.005	0.07	0.07	0.008	0.10	0.7	8	4.2	9	8.13	1.8	0.7	34.1
13-1	1.0M	1350	990535	3/10/1999	0.006	U0.005	U0.005	0.25	0.25	0.022	0.15	0.8	12	4.5	12	8.11	2.9	0.9	33.5
13-1 REP	1.0M	1358	990536	3/10/1999	0.011	U0.005	U0.005	0.17	0.17	0.025	0.14	0.7	10	5.9	13	8.16	2.2	1.3	NA
13-2	MID	1330	990542	3/10/1999	0.007	U0.005	U0.005	0.15	0.15	0.029	0.14	0.7	8	3.2	12	8.14	2.5	0.8	32.8
13-3	MID	1305	990539	3/10/1999	0.008	U0.005	U0.005	0.17	0.17	0.034	0.14	0.5	6	2.8	13	8.08	2.7	0.7	32.4
13-4	MID	1243	990544	3/10/1999	0.015	U0.005	U0.005	0.21	0.21	0.038	0.15	0.5	6	2.6	11	8.02	2.5	U0.5	32.2
13-5	1.0M	1210	990545	3/10/1999	0.012	U0.005	U0.005	0.17	0.17	0.042	0.15	1.1	7	2.4	10	8.05	2.3	0.6	32.1
14-1	MID	1152	990543	3/10/1999	0.007	U0.005	U0.005	0.21	0.21	0.041	0.16	1.1	6	3.0	11	8.01	2.7	U0.5	32.2
14-2	MID	1129	990538	3/10/1999	0.009	U0.005	U0.005	0.41	0.41	0.027	0.17	2.1	13	7.9	15	8.13	7.3	1.8	32.3
14-3	MID	1104	990540	3/10/1999	0.009	U0.005	U0.005	0.33	0.33	0.020	0.14	2.0	10	5.5	14	8.13	7.1	1.2	32.7
14-4	MID	1050	990537	3/10/1999	0.007	U0.005	U0.005	0.30	0.30	0.019	0.15	1.4	11	4.9	14	8.15	5.5	2.0	32.7
14-5	MID	1032	990541	3/10/1999	0.008	U0.005	U0.005	0.16	0.16	0.016	0.14	0.7	7	3.1	10	8.12	3.0	1.2	33.5

Q = Sample held beyond the accepted holding time

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	MID	1404	990523	3/9/1999	0.008	U0.005	U0.005	0.13	0.13	0.012	0.11	0.8	9	3.9	6	8.15	2.1	U0.5	34.1
16-1 REP	MID	1412	990518	3/9/1999	0.011	U0.005	U0.005	0.15	0.15	0.012	0.11	0.6	16	4.8	7	8.14	2.1	0.8	NA
16-2	MID	1340	990516	3/9/1999	0.020	U0.005	U0.005	0.15	0.15	0.013	0.12	0.6	7	5.3	10	8.15	2.8	U0.5	33.9
16-3	MID	1321	990513	3/9/1999	0.006	U0.005	U0.005	0.12	0.12	0.013	0.12	0.5	13	6.3	8	8.14	2.1	U0.5	34.3
16-4	1.0M	1304	990515	3/9/1999	0.025	U0.005	U0.005	0.06	0.06	0.010	0.10	U0.5	6	4.1	6	8.13	1.0	0.6	34.4
16-5	1.0M	1245	990519	3/9/1999	0.019	U0.005	U0.005	0.08	0.08	0.010	0.09	U0.5	8	5.8	6	8.12	1.0	0.8	34.4
LB-1	MID	1152	990520	3/9/1999	0.022	U0.005	U0.005	0.40	0.40	0.062	0.34	1.9	9	5.5	24	7.99	7.0	3.1	30.1
LB-2	MID	1132	990517	3/9/1999	0.020	U0.005	U0.005	0.82	0.82	0.075	0.88	4.1	25	12	40	8.34	16.3	7.8	30.3
LB-3	MID	1113	990522	3/9/1999	0.009	U0.005	U0.005	0.47	0.47	0.068	0.30	2.7	14	5.7	22	8.18	8.6	2.5	30.8
LB-4	MID	1052	990514	3/9/1999	0.010	U0.005	U0.005	0.40	0.40	0.046	0.21	1.8	7	3.7	16	8.17	7.4	2.7	31.8
LB-5	MID	1018	990521	3/9/1999	0.032	U0.005	U0.005	0.35	0.35	0.009	0.15	1.6	19	8.7	15	8.25	5.6	2.2	33.6
ML-1	1.0M	1315	990531	3/9/1999	0.010	U0.005	U0.005	0.62	0.62	0.168	0.18	1.1	3	1.5	80	7.72	4.5	0.8	7.30
ML-2	MID	1340	990529	3/9/1999	0.010	U0.005	U0.005	0.69	0.69	0.178	0.21	1.3	5	3.4	80	7.62	5.1	2.0	5.80
ML-3	1.0M	1359	990525	3/9/1999	0.011	U0.005	U0.005	0.61	0.61	0.143	0.19	1.6	6	3.3	75	7.80	6.7	1.3	10.8
ML-4	MID	1421	990532	3/9/1999	0.016	U0.005	U0.005	0.61	0.61	0.136	0.20	1.5	14	4.8	65	7.84	7.1	2.9	12.4
ML-5	1.0M	1450	990530	3/9/1999	0.014	U0.005	U0.005	0.67	0.67	0.113	0.20	2.3	12	5.7	50	7.94	12.7	2.1	17.0
MU-1	1.0M	1046	990533	3/9/1999	0.031	0.030	0.030	0.91	0.94	0.250	0.22	1.0	3	2.1	85	7.38	8.0	1.3	0.20
MU-1 REP	1.0M	1059	990534	3/9/1999	0.022	0.030	0.031	0.93	0.96	0.257	0.22	0.7	U2	1.7	85	7.45	7.3	1.7	NA
MU-2	1.0M	1126	990524	3/9/1999	0.034	0.036	0.035	0.88	0.92	0.265	0.20	0.8	U2	1.6	90	7.52	3.2	2.9	0.30
MU-3	MID	1155	990528	3/9/1999	0.020	0.012	0.013	0.79	0.80	0.246	0.36	0.9	U2	1.4	80	7.54	2.6	1.2	1.10
MU-4	MID	1215	990526	3/9/1999	0.012	U0.005	U0.005	0.76	0.76	0.223	0.20	1.2	U2	1.3	90	7.58	3.5	0.7	2.50
MU-5	MID	1256	990527	3/9/1999	0.011	U0.005	U0.005	0.81	0.81	0.224	0.31	1.0	7	2.9	90	7.61	6.0	1.9	2.30
EQP BKL		1605	990557	3/10/1999	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	1	6.49	U0.5	U0.5	NA
EQP BLK		1530	990558	3/10/1999	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.82	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rainfall		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)
			Begin (EST)	End (EST)	No	Yes	Min	Max				
030999	AM	16	0546	0637	0		0		18.0	90	10	<0.5
030999	PM	16	1247	1405	0		0			175 - 180	15 - 20	<0.5
030999	AM	LB	0717	0801	0		0			120	10 - 15	<0.5 - 1.0
030999	PM	LB	1019	1153	0		0		18.2	120 - 180	15 - 20	<0.5 - 1.0
030999	AM	ML	0537	0628	0		0		17.6	180	5 - 10	<0.5 - 0.5
030999	PM	ML	1321	1453	0		5	- 20		180	5 - 15	<0.5
030999	AM	MU	0642	0757	0		0	- 5		180 - 185	5	<0.5
030999	PM	MU	1059	1257	0		0	- 10	20.7	158 - 180	10	<0.5 - 0.5
031099	AM	10	0606	0745	0		25	- 50	22.6	190 - 220	5	<0.5 - 1.0
031099	PM	10	1056	1429	0		0	- 10	21.0	120 - 330	5 - 10	1.0 - 2.0
031099	AM	11	0623	0737	0		25	- 50		210 - 220	5	<0.5 - 0.5
031099	PM	11	1124	1314	0		0	- 10		60 - 240	5 - 10	1.0
031099	AM	13	0548	0633	0		20	- 30	21.0	240	<5 - 10	<0.5
031099	PM	13	1211	1351	0		0			310 - 330	5 - 15	<0.5 - 0.5
031099	AM	14	0640	0733	0		30	- 40		240	<5 - 5	<0.5
031099	PM	14	1028	1153	0		0	- 10	22.0	270 - 315	5	<0.5 - 0.5

Hydrolab Minisonde Continuous Deployment at Station 13-1
March 09-10, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
13-1	030999	1515	20.44	8.01	50473	33.2	96.3	7.1
13-1	030999	1530	20.46	8.03	50649	33.3	96.6	7.1
13-1	030999	1545	20.50	8.03	50624	33.3	96.5	7.1
13-1	030999	1600	20.40	8.05	50875	33.5	97.9	7.2
13-1	030999	1615	20.37	8.06	51060	33.6	99.6	7.3
13-1	030999	1630	20.35	8.06	51162	33.7	99.4	7.3
13-1	030999	1645	20.22	8.08	51528	34.0	99.2	7.3
13-1	030999	1700	20.18	8.07	51572	34.0	98.3	7.2
13-1	030999	1715	20.44	8.06	51201	33.7	98.5	7.2
13-1	030999	1730	20.50	8.07	51160	33.7	100.2	7.3
13-1	030999	1745	20.53	8.06	51160	33.7	99.0	7.3
13-1	030999	1800	20.63	8.06	51073	33.6	99.0	7.2
13-1	030999	1815	20.25	8.03	50947	33.5	94.7	7.0
13-1	030999	1830	20.20	8.03	50922	33.5	94.5	7.0
13-1	030999	1845	20.15	8.02	50865	33.5	93.2	6.9
13-1	030999	1900	20.09	8.02	50908	33.5	92.5	6.8
13-1	030999	1915	20.10	8.03	51010	33.6	93.8	6.9
13-1	030999	1930	20.11	8.04	51081	33.6	94.3	7.0
13-1	030999	1945	20.09	8.04	51087	33.6	95.0	7.0
13-1	030999	2000	20.07	8.05	51224	33.7	94.1	7.0
13-1	030999	2015	20.06	8.05	51244	33.7	94.4	7.0
13-1	030999	2030	20.09	8.04	51115	33.6	93.2	6.9
13-1	030999	2045	20.07	8.03	51061	33.6	92.9	6.9
13-1	030999	2100	20.15	8.03	50836	33.4	92.4	6.8
13-1	030999	2115	20.25	8.03	50577	33.3	94.3	7.0
13-1	030999	2130	20.31	8.03	50466	33.2	94.0	6.9
13-1	030999	2145	20.32	8.03	50377	33.1	94.2	7.0
13-1	030999	2200	20.33	8.02	50327	33.1	93.9	6.9
13-1	030999	2215	20.36	8.02	50230	33.0	93.9	6.9
13-1	030999	2230	20.40	8.02	50116	32.9	93.9	6.9
13-1	030999	2245	20.41	8.02	50036	32.9	93.8	6.9
13-1	030999	2300	20.43	8.01	49865	32.7	93.1	6.9
13-1	030999	2315	20.44	8.00	49767	32.7	92.7	6.8
13-1	030999	2330	20.44	8.00	49720	32.6	92.4	6.8

Hydrolab Minisonde Continuous Deployment at Station 13-1
March 09-10, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
13-1	030999	2345	20.44	7.99	49578	32.5	91.6	6.8
13-1	031099	0000	20.45	7.99	49561	32.5	90.9	6.7
13-1	031099	0015	20.45	7.98	49441	32.4	90.2	6.7
13-1	031099	0030	20.46	7.98	49367	32.4	89.4	6.6
13-1	031099	0045	20.45	7.97	49311	32.3	88.4	6.5
13-1	031099	0100	20.44	7.97	49250	32.3	88.4	6.5
13-1	031099	0115	20.44	7.97	49238	32.3	87.8	6.5
13-1	031099	0130	20.41	7.96	49169	32.2	86.7	6.4
13-1	031099	0145	20.39	7.95	48834	32.0	84.9	6.3
13-1	031099	0200	20.38	7.95	48635	31.8	85.5	6.4
13-1	031099	0215	20.36	7.95	48597	31.8	85.3	6.3
13-1	031099	0230	20.36	7.94	48562	31.8	83.6	6.2
13-1	031099	0245	20.34	7.95	48540	31.8	84.3	6.3
13-1	031099	0300	20.31	7.94	48489	31.7	84.3	6.3
13-1	031099	0315	20.28	7.94	48428	31.7	84.3	6.3
13-1	031099	0330	20.27	7.94	48432	31.7	83.3	6.2
13-1	031099	0345	20.25	7.93	48408	31.7	82.0	6.1
13-1	031099	0400	20.22	7.92	48228	31.5	81.3	6.1
13-1	031099	0415	20.20	7.92	47954	31.3	81.9	6.1
13-1	031099	0430	20.19	7.92	47931	31.3	81.4	6.1
13-1	031099	0445	20.25	7.92	48219	31.5	78.6	5.9
13-1	031099	0500	20.19	7.92	47958	31.3	81.1	6.1
13-1	031099	0515	20.15	7.92	48034	31.4	81.5	6.1
13-1	031099	0530	20.19	7.91	48196	31.5	77.3	5.8
13-1	031099	0545	20.23	7.91	48249	31.5	74.8	5.6
13-1	031099	0600	20.31	7.89	48532	31.7	68.7	5.1
13-1	031099	0615	20.25	7.90	48598	31.8	71.8	5.4
13-1	031099	0630	20.22	7.91	48726	31.9	73.2	5.5
13-1	031099	0645	20.12	7.92	48923	32.0	76.2	5.7
13-1	031099	0700	20.09	7.92	49186	32.2	75.3	5.6
13-1	031099	0715	20.00	7.94	49078	32.1	78.9	5.9
13-1	031099	0730	20.10	7.92	49065	32.1	74.3	5.5
13-1	031099	0745	20.18	7.90	49000	32.1	70.2	5.2
13-1	031099	0800	20.22	7.90	49023	32.1	68.7	5.1
13-1	031099	0815	20.06	7.94	49105	32.2	78.5	5.9

Hydrolab Minisonde Continuous Deployment at Station 13-1

March 09-10, 1999

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
13-1	031099	0830	20.10	7.95	48144	31.5	78.7	5.9
13-1	031099	0845	20.09	7.95	47261	30.8	80.3	6.0
13-1	031099	0900	20.09	7.96	47308	30.9	82.5	6.2
13-1	031099	0915	20.12	7.97	47502	31.0	82.1	6.2
13-1	031099	0930	20.18	7.97	47541	31.0	82.1	6.2
13-1	031099	0945	20.24	7.98	47510	31.0	85.3	6.4
13-1	031099	1000	20.32	7.96	47392	30.9	82.1	6.1
13-1	031099	1015	20.39	7.96	47446	31.0	82.9	6.2
13-1	031099	1030	20.53	7.97	47608	31.1	84.0	6.3
13-1	031099	1045	20.62	7.97	47635	31.1	84.5	6.3
13-1	031099	1100	20.68	7.97	47512	31.0	84.6	6.3
13-1	031099	1115	20.76	7.97	47560	31.0	85.4	6.3
13-1	031099	1130	20.71	7.97	47571	31.0	86.7	6.4
13-1	031099	1145	20.72	7.98	47558	31.0	89.0	6.6
13-1	031099	1200	20.76	7.99	47513	31.0	90.9	6.7
13-1	031099	1215	20.70	8.00	47410	30.9	93.5	6.9
13-1	031099	1230	20.81	8.00	47418	30.9	94.0	7.0
13-1	031099	1245	20.83	8.00	47358	30.9	93.1	6.9
13-1	031099	1300	20.87	8.00	47369	30.9	94.7	7.0
13-1	031099	1315	20.95	8.01	47345	30.9	96.4	7.1
13-1	031099	1330	20.99	8.03	47345	30.9	100.2	7.4
13-1	031099	1345	20.95	8.04	47250	30.8	102.7	7.6
13-1	031099	1400	21.02	8.04	47190	30.8	103.0	7.6
13-1	031099	1415	21.15	8.02	47183	30.8	98.9	7.3
13-1	031099	1430	21.18	8.02	47124	30.7	100.9	7.4
13-1	031099	1445	21.11	8.03	47129	30.7	100.6	7.4
13-1	031099	1500	21.09	8.04	47121	30.7	104.3	7.7
13-1	031099	1515	21.19	8.04	47118	30.7	105.1	7.7

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
10-1	041499	0535	0.2	35.1	53.03	24.18	8.04	6.00	87.8
10-1	041499	0536	0.9	35.1	53.06	24.18	8.04	6.02	88.8
10-1	041499	0536	1.6	35.1	53.04	24.17	8.04	6.03	88.9
10-1	041499	1121	0.2	35.2	53.28	24.73	8.10	6.87	102.5
10-1	041499	1122	1.0	35.2	53.28	24.75	8.10	6.95	103.7
10-1	041499	1123	2.6	35.3	53.30	24.46	8.12	7.30	108.2
10-2	041499	0604	0.2	35.1	53.07	24.26	8.00	6.06	89.3
10-2	041499	0604	1.0	35.1	53.12	24.25	7.99	6.06	89.5
10-2	041499	0605	2.4	35.2	53.16	24.14	7.99	5.87	86.4
10-2	041499	1201	0.2	35.3	53.38	24.72	8.11	6.82	101.7
10-2	041499	1202	1.0	35.3	53.36	24.76	8.10	6.93	103.7
10-2	041499	1202	2.5	35.3	53.35	24.71	8.10	7.09	104.9
10-3	041499	0549	0.2	35.1	53.05	24.18	8.05	6.37	93.9
10-3	041499	0550	1.0	35.1	53.09	24.21	8.06	6.30	92.8
10-3	041499	0550	3.1	35.2	53.20	23.78	7.98	5.52	80.8
10-3	041499	1144	0.2	35.2	53.27	24.83	8.08	6.80	101.5
10-3	041499	1145	1.0	35.2	53.26	24.82	8.08	6.92	103.3
10-3	041499	1147	3.8	35.2	53.27	24.81	8.09	7.17	106.8
10-4	041499	0700	0.2	35.2	53.25	24.07	8.05	5.65	83.2
10-4	041499	0702	1.0	35.2	53.27	24.08	8.04	5.70	83.6
10-4	041499	0703	2.4	35.2	53.25	24.07	8.04	5.69	83.5
10-4	041499	1350	0.2	35.3	53.39	25.68	8.18	8.91	134.9
10-4	041499	1350	1.0	35.3	53.34	25.39	8.15	8.38	126.5
10-4	041499	1351	2.5	35.3	53.38	25.09	8.13	7.94	119.1
10-5	041499	0643	0.2	35.1	53.11	24.11	7.98	5.39	79.4
10-5	041499	0644	0.7	35.1	53.09	24.13	7.98	5.38	80.3
10-5	041499	0645	1.2	35.1	53.10	24.15	7.98	5.43	80.6
10-5	041499	1312	0.2	35.3	53.36	25.17	8.07	6.81	101.9
10-5	041499	1312	0.9	35.3	53.35	25.17	8.07	6.81	101.9
10-5	041499	1313	1.6	35.3	53.30	25.12	8.07	6.95	104.4

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
11-1	041499	0523	0.2	35.1	53.05	24.98	8.13	6.29	93.9
11-1	041499	0524	1.0	35.1	53.05	25.06	8.13	6.35	95.4
11-1	041499	0525	2.9	35.1	53.08	25.05	8.12	6.42	96.0
11-1	041499	1102	0.2	35.3	53.31	24.75	8.08	6.65	99.1
11-1	041499	1103	1.0	35.3	53.30	24.75	8.08	6.74	100.5
11-1	041499	1105	3.3	35.3	53.31	24.69	8.08	6.72	99.4
11-2	041499	0514	0.2	35.0	52.93	24.69	7.90	5.85	87.0
11-2	041499	0515	1.0	35.1	53.01	24.73	7.89	5.87	87.3
11-2	041499	0516	3.2	35.1	53.02	24.74	7.89	5.95	88.6
11-2	041499	1047	0.2	35.2	53.22	24.46	8.07	6.39	94.6
11-2	041499	1047	1.0	35.2	53.24	24.43	8.07	6.37	94.5
11-2	041499	1048	3.5	35.2	53.23	24.38	8.07	6.42	95.0
11-3	041499	0504	0.2	34.7	52.56	24.67	7.95	6.06	89.9
11-3	041499	0505	1.0	34.8	52.64	24.71	7.95	6.10	90.7
11-3	041499	0506	2.4	34.9	52.80	24.76	7.94	6.15	91.6
11-3	041499	1027	0.2	35.0	52.90	24.81	8.05	6.41	95.6
11-3	041499	1028	1.0	35.0	52.97	24.78	8.05	6.50	96.8
11-3	041499	1030	2.5	35.0	52.99	24.73	8.04	6.37	94.9
11-4	041499	0620	0.2	35.0	52.94	24.30	7.97	5.56	82.0
11-4	041499	0621	0.7	35.0	52.93	24.29	7.97	5.60	82.5
11-4	041499	0622	1.2	35.0	52.92	24.26	7.97	5.62	83.0
11-4	041499	1234	0.2	35.3	53.37	24.94	8.07	6.89	103.1
11-4	041499	1235	1.0	35.3	53.35	24.93	8.07	6.82	102.0
11-4	041499	1237	1.7	35.3	53.33	24.95	8.07	7.03	103.7
11-5	041499	0630	0.2	34.9	52.82	24.44	7.99	6.04	89.2
11-5	041499	0631	1.0	34.9	52.89	24.45	7.98	6.14	90.9
11-5	041499	0632	2.7	34.9	52.83	24.50	7.98	6.04	88.1
11-5	041499	1255	0.2	35.3	53.34	24.95	8.06	6.77	101.2
11-5	041499	1257	1.0	35.3	53.35	24.95	8.06	6.84	102.3
11-5	041499	1258	2.9	35.3	53.35	24.95	8.06	6.99	104.6

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
13-1	041499	0504	0.2	34.6	52.43	24.57	7.84	5.15	75.8
13-1	041499	0504	0.7	34.8	52.63	24.58	7.84	5.05	75.0
13-1	041499	0505	1.1	35.0	52.93	24.60	7.84	4.95	73.7
13-1	041499	1341	0.2	34.8	52.71	25.93	7.96	7.24	110.4
13-1	041499	1341	1.0	35.1	53.01	25.94	7.96	7.21	109.9
13-1	041499	1342	2.1	35.1	53.05	25.88	7.96	7.17	108.9
13-2	041499	0515	0.3	33.7	51.15	24.37	7.72	4.48	65.2
13-2	041499	1322	0.2	34.6	52.37	26.09	7.91	7.06	107.4
13-2	041499	1322	0.5	34.7	52.63	25.97	7.91	7.04	106.9
13-2	041499	1323	0.8	34.8	52.72	25.96	7.91	6.99	106.5
13-3	041499	0528	0.2	33.5	50.92	25.20	7.79	5.27	77.9
13-3	041499	0528	0.7	33.7	51.17	25.21	7.79	5.22	76.4
13-3	041499	0529	1.1	33.9	51.35	25.22	7.78	5.07	75.5
13-3	041499	1256	0.2	33.9	51.43	25.98	7.83	6.51	98.8
13-3	041499	1257	0.8	34.1	51.74	25.80	7.83	6.22	94.0
13-3	041499	1257	1.4	34.4	52.07	25.73	7.83	6.14	93.0
13-4	041499	0538	0.2	33.5	50.95	25.18	7.80	5.20	77.3
13-4	041499	0539	0.8	33.6	51.08	25.25	7.79	5.16	76.2
13-4	041499	0539	1.3	33.8	51.37	25.26	7.79	5.03	75.0
13-4	041499	1238	0.2	33.9	51.45	25.82	7.82	6.12	92.3
13-4	041499	1239	1.0	34.1	51.80	25.76	7.82	6.06	91.5
13-4	041499	1240	2.4	34.1	51.69	25.73	7.82	5.98	90.2
13-5	041499	0555	0.2	33.3	50.67	25.22	7.83	5.56	82.6
13-5	041499	0556	0.8	33.5	50.88	25.21	7.83	5.62	83.7
13-5	041499	0556	1.3	33.8	51.28	25.24	7.83	5.58	83.4
13-5	041499	1201	0.2	33.3	50.70	25.97	7.82	6.39	96.9
13-5	041499	1201	1.0	33.5	50.96	25.96	7.82	6.37	96.1
13-5	041499	1202	1.8	33.5	51.05	25.81	7.81	6.27	93.4

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
14-1	041499	0603	0.2	33.3	50.70	25.26	7.80	5.56	82.8
14-1	041499	0604	1.0	33.5	51.05	25.28	7.80	5.40	79.8
14-1	041499	0604	2.6	33.6	50.72	25.28	7.80	5.36	81.0
14-1	041499	1143	0.2	33.3	50.62	25.78	7.81	6.31	94.0
14-1	041499	1144	1.0	33.5	50.89	25.78	7.81	6.23	94.5
14-1	041499	1144	1.9	33.5	50.84	25.75	7.80	6.10	91.2
14-2	041499	0613	0.2	33.2	50.50	24.53	7.93	5.82	85.3
14-2	041499	0614	0.9	33.4	50.86	24.50	7.93	5.66	83.5
14-2	041499	0614	1.5	33.5	50.90	24.52	7.93	5.73	83.8
14-2	041499	1119	0.2	33.2	50.55	25.13	7.93	6.39	95.0
14-2	041499	1119	1.0	33.4	50.74	25.14	7.93	6.46	96.1
14-2	041499	1120	1.7	33.5	50.85	24.99	7.93	6.19	91.5
14-3	041499	0623	0.2	33.4	50.78	24.40	7.96	5.36	78.6
14-3	041499	0624	0.9	33.6	51.10	24.43	7.95	5.30	77.7
14-3	041499	0624	1.6	33.9	51.28	24.42	7.95	5.32	78.0
14-3	041499	1101	0.2	33.4	50.80	24.96	8.01	7.15	105.3
14-3	041499	1101	0.6	33.5	51.03	24.87	8.00	6.74	100.1
14-3	041499	1102	0.9	33.6	51.07	24.87	8.01	6.96	103.5
14-4	041499	0640	0.2	33.9	51.44	24.17	8.07	5.66	82.3
14-4	041499	0641	0.7	34.2	51.88	24.13	8.06	5.54	81.2
14-4	041499	0641	1.1	34.3	51.98	24.16	8.06	5.44	79.7
14-4	041499	1045	0.2	34.0	51.61	24.91	8.09	6.93	102.8
14-4	041499	1046	0.8	34.1	51.86	24.89	8.09	7.02	104.0
14-4	041499	1047	1.3	34.3	52.05	24.88	8.09	6.94	102.8
14-5	041499	0654	0.2	34.4	52.16	23.88	8.02	4.73	68.7
14-5	041499	0654	0.5	34.4	52.24	23.92	8.01	4.66	67.7
14-5	041499	0655	0.8	34.5	52.29	23.93	8.01	4.51	66.3
14-5	041499	1024	0.2	34.5	52.29	24.82	7.99	5.51	81.4
14-5	041499	1025	0.4	34.6	52.39	24.82	8.00	5.35	79.6
14-5	041499	1025	0.5	34.6	52.48	24.84	8.00	5.46	81.2

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
16-1	041399	0507	0.2	34.6	52.47	25.73	7.90	4.86	73.9
16-1	041399	0508	1.0	34.9	52.80	25.76	7.89	5.10	77.5
16-1	041399	0509	1.8	35.0	52.92	25.77	7.89	4.86	73.4
16-1	041399	1404	0.2	34.7	52.59	26.31	7.97	7.18	110.0
16-1	041399	1404	0.8	34.9	52.84	26.26	7.97	7.09	108.8
16-1	041399	1405	1.3	35.1	53.11	26.25	7.97	7.09	108.2
16-2	041399	0519	0.2	34.5	52.23	25.67	7.86	4.72	71.2
16-2	041399	0519	1.0	34.7	52.67	25.73	7.88	4.74	72.2
16-2	041399	0521	4.0	34.9	52.82	25.71	7.89	4.53	68.1
16-2	041399	1346	0.2	34.8	52.66	26.58	8.00	8.11	123.5
16-2	041399	1346	1.0	35.1	53.05	26.35	7.98	7.54	115.9
16-2	041399	1347	4.2	35.0	52.99	26.07	7.94	6.83	104.7
16-3	041399	0529	0.2	34.8	52.65	25.65	7.91	5.24	78.5
16-3	041399	0530	0.9	35.1	53.11	25.69	7.90	4.97	75.1
16-3	041399	0531	1.5	35.1	53.10	25.67	7.90	4.83	73.2
16-3	041399	1328	0.2	35.1	52.99	26.08	7.90	6.74	102.3
16-3	041399	1328	1.0	35.3	53.29	26.05	7.90	6.58	100.6
16-3	041399	1329	1.7	35.4	53.43	26.00	7.91	6.80	104.1
16-4	041399	0543	0.2	35.1	53.11	25.26	7.86	4.83	73.0
16-4	041399	0543	0.5	35.2	53.27	25.26	7.85	4.76	71.9
16-4	041399	0544	0.7	35.3	53.38	25.29	7.85	4.65	70.4
16-4	041399	1309	0.2	34.9	52.80	26.08	7.99	7.75	117.6
16-4	041399	1310	0.5	35.0	52.98	26.06	7.99	7.84	119.9
16-4	041399	1310	0.7	35.1	53.11	26.11	8.00	7.99	122.2
16-5	041399	0558	0.2	34.9	52.83	25.84	7.95	5.14	78.1
16-5	041399	0559	1.0	35.2	53.14	25.86	7.94	5.09	77.2
16-5	041399	0600	3.1	35.2	53.14	25.84	7.94	4.86	74.0
16-5	041399	1246	0.2	35.2	53.19	25.84	7.87	6.28	94.8
16-5	041399	1246	1.0	35.4	53.46	25.84	7.87	6.29	95.0
16-5	041399	1247	2.6	35.3	53.38	25.80	7.88	6.25	95.2

**Sarasota Bay / Myakka River Status and Trends Monitoring
 Morning and Afternoon *In Situ* Profiles**

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
LB-1	041399	0633	0.3	31.8	48.62	25.25	7.70	5.21	76.9
LB-1	041399	1155	0.2	32.4	49.45	26.28	7.73	6.37	95.9
LB-1	041399	1155	0.5	32.7	49.84	26.22	7.72	6.19	93.6
LB-1	041399	1156	0.7	32.9	50.13	26.21	7.71	5.82	88.2
LB-2	041399	0643	0.2	31.2	47.86	25.39	7.69	4.91	72.2
LB-2	041399	0644	0.4	31.3	47.97	25.36	7.68	4.77	70.4
LB-2	041399	0644	0.5	31.4	48.13	25.28	7.68	4.68	68.4
LB-2	041399	1136	0.2	31.7	48.52	26.16	7.67	5.76	86.4
LB-2	041399	1136	0.5	31.8	48.63	26.08	7.67	5.67	84.1
LB-2	041399	1137	0.8	31.9	48.77	26.02	7.66	5.43	81.2
LB-3	041399	0652	0.2	31.0	47.45	25.66	7.73	4.93	72.7
LB-3	041399	0652	0.5	31.0	47.55	25.69	7.73	4.88	72.1
LB-3	041399	0653	0.7	31.1	47.67	25.74	7.72	4.82	71.2
LB-3	041399	1113	0.2	30.8	47.31	26.06	7.75	6.35	94.4
LB-3	041399	1113	0.5	30.9	47.41	26.07	7.75	6.34	94.0
LB-3	041399	1114	0.8	31.0	47.54	26.08	7.76	6.55	97.1
LB-4	041399	0703	0.2	32.2	49.23	24.59	7.81	4.52	65.9
LB-4	041399	0703	1.0	32.5	49.52	24.60	7.80	4.13	60.4
LB-4	041399	0704	2.1	32.6	49.64	24.62	7.80	4.01	58.7
LB-4	041399	1052	0.2	32.8	50.01	25.42	7.84	5.02	75.0
LB-4	041399	1053	1.0	33.0	50.33	25.41	7.84	4.93	72.6
LB-4	041399	1053	3.1	33.1	50.42	24.96	7.82	4.37	64.5
LB-5	041399	0711	0.2	33.5	50.98	23.84	7.90	4.04	59.0
LB-5	041399	1028	0.3	33.4	50.73	25.29	7.97	5.57	82.7

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
ML-1	041399	0550	0.2	11.5	19.37	25.89	7.45	5.42	71.8
ML-1	041399	0551	0.5	11.5	19.35	25.94	7.43	5.38	71.3
ML-1	041399	0552	0.7	11.5	19.33	25.94	7.43	5.37	71.1
ML-1	041399	1309	0.2	10.6	17.94	27.47	7.59	6.91	93.5
ML-1	041399	1310	0.5	10.8	18.30	27.12	7.58	6.72	90.5
ML-1	041399	1311	0.8	10.9	18.40	27.05	7.57	6.71	90.3
ML-2	041399	0536	0.3	13.5	22.46	25.51	7.44	5.28	70.0
ML-2	041399	1336	0.3	12.9	21.58	29.02	7.77	8.19	115.4
ML-3	041399	0524	0.2	14.3	23.62	25.57	7.47	5.56	74.3
ML-3	041399	0524	0.6	14.2	23.54	25.99	7.44	5.33	71.7
ML-3	041399	0525	0.9	14.7	24.41	25.92	7.41	5.11	68.9
ML-3	041399	1347	0.2	14.4	23.76	27.15	7.60	6.48	89.2
ML-3	041399	1348	0.5	14.4	23.79	27.15	7.61	6.45	88.9
ML-3	041399	1349	0.8	14.4	23.81	27.16	7.61	6.48	89.3
ML-4	041399	0516	0.2	14.0	23.23	26.18	7.43	5.27	71.2
ML-4	041399	1404	0.2	14.7	24.22	28.34	7.79	7.98	112.7
ML-4	041399	1404	0.6	15.1	24.92	27.60	7.67	7.15	99.5
ML-4	041399	1405	1.0	15.2	25.02	27.43	7.66	7.08	98.3
ML-5	041399	0501	0.2	15.5	25.41	26.24	7.39	5.29	72.1
ML-5	041399	0502	0.9	15.5	25.54	26.29	7.41	5.27	71.9
ML-5	041399	0503	1.5	15.6	25.60	26.29	7.40	5.15	70.3
ML-5	041399	1428	0.2	16.2	26.51	28.11	7.75	7.41	104.1
ML-5	041399	1428	0.9	17.1	27.80	27.25	7.70	7.06	98.2
ML-5	041399	1430	1.6	17.2	28.01	27.17	7.68	6.91	96.8

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
MU-1	041399	0715	0.2	0.29	0.56	26.19	7.42	5.29	65.6
MU-1	041399	0716	0.9	0.29	0.56	26.18	7.42	5.32	65.9
MU-1	041399	0717	1.5	0.28	0.56	26.18	7.42	5.31	66.1
MU-1	041399	1036	0.2	0.28	0.56	26.16	7.23	5.62	69.7
MU-1	041399	1037		0.28	0.56	26.14	7.31	5.60	69.4
MU-1	041399	1038	0.7	0.28	0.55	26.20	7.33	5.62	69.6
MU-2	041399	0656	0.2	0.88	1.66	26.39	7.52	6.04	75.5
MU-2	041399	0657	0.9	0.90	1.70	26.50	7.50	6.03	75.5
MU-2	041399	0658	1.5	0.91	1.72	26.48	7.48	6.01	75.2
MU-2	041399	1122	0.2	0.33	0.64	26.92	7.55	6.36	79.7
MU-2	041399	1122	0.6	0.34	0.66	27.03	7.68	7.08	90.2
MU-2	041399	1123	1.0	0.33	0.65	26.85	7.54	6.63	81.8
MU-3	041399	0641	0.2	2.21	4.06	26.22	7.44	5.90	74.1
MU-3	041399	0642	0.5	2.22	4.06	26.35	7.42	5.82	73.2
MU-3	041399	0643	0.7	2.22	4.07	26.36	7.41	5.78	73.1
MU-3	041399	1144	0.2	0.50	0.96	27.15	7.57	6.72	84.8
MU-3	041399	1145	1.0	0.52	0.99	27.00	7.56	6.70	85.0
MU-3	041399	1146	2.0	0.55	1.06	26.77	7.54	6.63	83.2
MU-4	041399	0629	0.3	5.85	10.31	25.92	7.35	5.32	67.9
MU-4	041399	1221	0.2	3.09	5.60	27.41	7.52	6.79	87.7
MU-4	041399	1222	0.5	3.38	6.15	26.97	7.47	6.60	84.6
MU-4	041399	1223	0.7	3.54	6.40	26.77	7.46	6.53	83.6
MU-5	041399	0616	0.3	8.41	14.53	25.67	7.39	5.42	70.1
MU-5	041399	1241	0.2	5.25	9.32	27.58	7.52	7.13	93.6
MU-5	041399	1242	0.4	5.28	9.36	27.47	7.52	7.13	93.4
MU-5	041399	1243	0.5	5.53	9.79	27.45	7.53	7.19	94.5

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	041499	0535	27.34639	-82.58972	27.34605	-82.59027	1.8			
10-1	041499	1121	27.34639	-82.58972	27.34692	-82.58960	2.8	2.0	990917	0.40
10-2	041499	0604	27.33833	-82.57278	27.33812	-82.57305	2.6			
10-2	041499	1201	27.33833	-82.57278	27.33867	-82.57290	2.7	1.2	990919	0.87
10-3	041499	0549	27.33861	-82.58139	27.33867	-82.58178	3.3			
10-3	041499	1144	27.33861	-82.58139	27.33890	-82.58085	4.0	2.0	990913	0.46
10-4	041499	0700	27.32556	-82.56750	27.32650	-82.56723	2.6			
10-4	041499	1350	27.32556	-82.56750	27.32568	-82.56718	2.7	1.1	990920	0.40
10-5	041499	0643	27.30417	-82.55556	27.30427	-82.55512	1.4			
10-5	041499	1312	27.30417	-82.55556	27.30407	-82.55550	1.8	>B	990915	0.80
11-1	041499	0523	27.36500	-82.56694	27.36537	-82.56730	3.1			
11-1	041499	1102	27.36500	-82.56694	27.36523	-82.56730	3.5	1.2	990918	0.61
11-2	041499	0514	27.35444	-82.56194	27.35453	-82.56195	3.4			
11-2	041499	1047	27.35444	-82.56194	27.35420	-82.56208	3.7	1.5	990923	0.74
11-3	041499	0504	27.34333	-82.55306	27.34322	-82.55375	2.6			
11-3	041499	1027	27.34333	-82.55306	27.34228	-82.55483	2.7	0.8	990916	1.64
11-4	041499	0620	27.31806	-82.54667	27.31770	-82.54710	1.4			
11-4	041499	1234	27.31806	-82.54667	27.31833	-82.54725	1.9	2.0	990921	0.53
11-5	041499	0630	27.30972	-82.54583	27.30985	-82.54583	2.9			
11-5	041499	1255	27.30972	-82.54583	27.30998	-82.54520	3.1	2.0	990914	0.45
13-1	041499	0504	27.29972	-82.54472	27.29978	-82.54482	1.3			
13-1	041499	1341	27.29972	-82.54472	27.30030	-82.54477	2.3	0.9	990940	0.84
13-2	041499	0515	27.27833	-82.54361	27.27845	-82.54388	0.6			
13-2	041499	1322	27.27833	-82.54361	27.27885	-82.54410	1.0	>B	990944	0.76
13-3	041499	0528	27.26306	-82.53917	27.26288	-82.53917	1.3			
13-3	041499	1256	27.26306	-82.53917	27.26297	-82.53918	1.6	1.2	990937	0.91
13-4	041499	0538	27.25778	-82.53639	27.25848	-82.53517	1.5			
13-4	041499	1238	27.25778	-82.53639	27.25823	-82.53497	2.6	1.2	990935	0.82
13-5	041499	0555	27.24528	-82.52694	27.24538	-82.52680	1.5			
13-5	041499	1201	27.24528	-82.52694	27.24538	-82.52680	2.0	1.0	990936	1.08
14-1	041499	0603	27.24000	-82.51889	27.23998	-82.51892	2.8			
14-1	041499	1143	27.24000	-82.51889	27.23995	-82.51933	2.1	0.9	990942	1.08
14-2	041499	0613	27.22806	-82.51056	27.22780	-82.51067	1.7			
14-2	041499	1119	27.22806	-82.51056	27.22817	-82.51052	1.9	0.7	990938	1.34
14-3	041499	0623	27.21278	-82.50194	27.21270	-82.50242	1.8			
14-3	041499	1101	27.21278	-82.50194	27.21272	-82.50252	1.1	=B	990943	1.72
14-4	041499	0640	27.20028	-82.50250	27.20062	-82.50290	1.3			
14-4	041499	1045	27.20028	-82.50250	27.20003	-82.50283	1.5	0.7	990945	1.33
14-5	041499	0654	27.18000	-82.49694	27.18358	-82.49733	1.0			
14-5	041499	1024	27.18000	-82.49694	27.18245	-82.49650	0.7	>B	990941	0.81
16-1	041399	0507	27.17472	-82.49306	27.17517	-82.49263	2.0			
16-1	041399	1404	27.17472	-82.49306	27.17457	-82.49232	1.5	>B	990932	1.03
16-2	041399	0519	27.16583	-82.48639	27.16568	-82.48620	4.2			

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
16-2	041399	1346	27.16583	-82.48639	27.16592	-82.48612	4.4	1.4	990925	0.91
16-3	041399	0529	27.15444	-82.48028	27.15448	-82.48020	1.7			
16-3	041399	1328	27.15444	-82.48028	27.15440	-82.48018	1.9	1.4	990934	0.79
16-4	041399	0543	27.14222	-82.47500	27.14352	-82.47488	0.9			
16-4	041399	1309	27.14222	-82.47500	27.14343	-82.47488	0.9	>B	990924	0.99
16-5	041399	0558	27.12472	-82.46972	27.12482	-82.46943	3.3			
16-5	041399	1246	27.12472	-82.46972	27.12507	-82.46943	2.8	1.5	990927	0.70
LB-1	041399	0633	27.03917	-82.43000	27.03955	-82.42903	0.5			
LB-1	041399	1155	27.03917	-82.43000	27.03948	-82.42880	0.9	>B	990926	0.84
LB-2	041399	0643	27.01889	-82.41694	27.01912	-82.41575	0.7			
LB-2	041399	1136	27.01889	-82.41694	27.01932	-82.41602	1.0	>B	990933	1.07
LB-3	041399	0652	27.00250	-82.40556	27.00297	-82.40505	0.9			
LB-3	041399	1113	27.00250	-82.40556	27.00267	-82.40578	1.0	>B	990928	1.19
LB-4	041399	0703	26.97167	-82.38028	26.97095	-82.38057	2.3			
LB-4	041399	1052	26.97167	-82.38028	26.97133	-82.38008	3.3	1.4	990929	1.03
LB-5	041399	0711	26.95639	-82.37278	26.95727	-82.37113	0.4			
LB-5	041399	1028	26.95639	-82.37278	26.95655	-82.37137	0.6	>B	990931	1.10
ML-1	041399	0550	27.03944	-82.28528	27.04015	-82.28487	0.9			
ML-1	041399	1309	27.03944	-82.28528	27.03993	-82.28535	1.0	>B	990903	1.67
ML-2	041399	0536	27.02833	-82.27444	27.02942	-82.27463	0.5			
ML-2	041399	1336	27.02833	-82.27444	27.02935	-82.27438	0.6	>B	990910	2.10
ML-3	041399	0524	27.03056	-82.27250	27.03042	-82.27213	1.1			
ML-3	041399	1347	27.03056	-82.27250	27.03037	-82.27263	1.0	>B	990907	1.88
ML-4	041399	0516	27.02500	-82.27139	27.02512	-82.27198	0.4			
ML-4	041399	1404	27.02500	-82.27139	27.02542	-82.27208	1.2	0.7	990905	2.79
ML-5	041399	0501	27.01167	-82.26944	27.01152	-82.26897	1.7			
ML-5	041399	1428	27.01167	-82.26944	27.01178	-82.26862	1.8	1.2	990912	2.05
MU-1	041399	0715	27.09083	-82.32750	27.09175	-82.32582	1.7			
MU-1	041399	1036	27.09083	-82.32750	27.09177	-82.32612	1.4	>B	990902	1.76
MU-2	041399	0656	27.08000	-82.31944	27.07983	-82.31922	1.7			
MU-2	041399	1122	27.08000	-82.31944	27.07977	-82.31880	1.2	>B	990909	1.62
MU-3	041399	0641	27.07139	-82.31667	27.07117	-82.31315	0.9			
MU-3	041399	1144	27.07139	-82.31667	27.07090	-82.31505	2.2	1.2	990911	1.69
MU-4	041399	0629	27.05583	-82.30472	27.05645	-82.30422	0.5			
MU-4	041399	1221	27.05583	-82.30472	27.05685	-82.30395	0.9	>B	990904	1.55
MU-5	041399	0616	27.05167	-82.29806	27.05233	-82.29712	0.5			
MU-5	041399	1241	27.05167	-82.29806	27.05270	-82.29625	0.7	>B	990906	1.86

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	1.0M	1115	990917	4/14/1999	0.012	U0.005	U0.005	0.20	0.20	0.007	0.11	1.1	9	2.7	8	8.21	3.5	0.9	35.2
10-2	1.0M	1203	990919	4/14/1999	0.008	U0.005	U0.005	0.18	0.18	0.007	0.11	1.2	7	4.4	7	8.20	4.1	1.3	35.3
10-3	1.0M	1130	990913	4/14/1999	0.011	U0.005	U0.005	0.11	0.11	0.007	0.12	1.0	5	1.4	3	8.20	2.5	0.7	35.2
10-4	1.0M	1340	990920	4/14/1999	0.011	U0.005	U0.005	0.17	0.17	0.009	0.11	0.9	9	3.2	6	8.33	2.8	0.7	35.3
10-4 REP	1.0M	1355	990922	4/14/1999	0.011	U0.005	U0.005	0.15	0.15	0.008	0.09	1.1	7	2.8	8	8.31	3.0	0.6	NA
10-5	MID	1307	990915	4/14/1999	0.009	U0.005	U0.005	0.15	0.15	0.009	0.12	0.9	10	3.5	6	8.19	3.0	U0.5	35.3
11-1	1.0M	1100	990918	4/14/1999	0.020	U0.005	U0.005	0.23	0.23	0.007	0.13	1.1	15	6.9	10	8.19	5.1	1.9	35.3
11-2	1.0M	1047	990923	4/14/1999	0.014	U0.005	U0.005	0.22	0.22	0.009	0.11	0.9	8	5.7	8	8.17	4.6	1.3	35.2
11-3	1.0M	1030	990916	4/14/1999	0.016	0.006	U0.005	0.31	0.31	0.009	0.19	1.1	23	17	15	8.15	8.8	3.8	35.0
11-4	MID	1228	990921	4/14/1999	0.008	U0.005	U0.005	0.13	0.13	0.008	0.10	0.7	5	2.0	4	8.19	2.3	U0.5	35.3
11-5	1.0M	1255	990914	4/14/1999	0.009	U0.005	U0.005	0.12	0.12	0.008	0.14	0.7	9	2.7	4	8.17	2.1	U0.5	35.3
13-1	1.0M	1340	990940	4/14/1999	0.007	U0.005	U0.005	0.30	0.30	0.013	0.20	1.5	15	7.7	12	8.23	5.3	2.6	34.8
13-1 REP	1.0M	1350	990939	4/14/1999	0.009	U0.005	U0.005	0.31	0.31	0.014	0.20	1.5	17	8.5	13	8.24	7.1	2.3	NA
13-2	MID	1321	990944	4/14/1999	0.007	U0.005	U0.005	0.26	0.26	0.019	0.16	1.3	13	6.5	12	8.18	5.5	2.6	34.6
13-3	MID	1256	990937	4/14/1999	0.008	U0.005	U0.005	0.31	0.31	0.036	0.18	1.1	19	5.4	15	8.10	5.8	2.3	33.9
13-4	1.0M	1238	990935	4/14/1999	0.006	U0.005	U0.005	0.32	0.32	0.037	0.21	1.1	12	4.7	14	8.08	5.7	2.5	33.9
13-5	MID	1201	990936	4/14/1999	0.011	U0.005	U0.005	0.40	0.40	0.052	0.20	1.4	11	6.4	20	8.05	6.8	2.5	33.3
14-1	1.0M	1143	990942	4/14/1999	0.008	U0.005	U0.005	0.36	0.36	0.052	0.29	1.2	14	7.6	16	8.05	7.2	2.3	33.3
14-2	MID	1119	990938	4/14/1999	0.007	U0.005	U0.005	0.48	0.48	0.038	0.24	2.1	17	9.9	21	8.17	8.3	2.9	33.2
14-3	MID	1101	990943	4/14/1999	0.009	U0.005	U0.005	0.64	0.64	0.029	0.28	2.9	25	13	25	8.23	15.7	5.2	33.4
14-4	MID	1045	990945	4/14/1999	0.009	U0.005	U0.005	0.49	0.49	0.015	0.23	2.5	22	9.9	22	8.30	9.6	3.9	34.0
14-5	MID	1024	990941	4/14/1999	0.012	U0.005	U0.005	0.38	0.38	0.016	0.16	1.7	11	4.0	13	8.21	7.4	1.8	34.5

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH4-N Diss (mg/l)	NO23-N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO4-P Diss (mg/l)	Total P (mg/l)	BOD5 (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	MID	1404	990932	4/13/1999	0.011	U0.005	U0.005	0.23	0.23	0.014	0.14	2.0	8	4.9	13	8.28	6.6	1.3	34.7
16-1 REP	MID	1413	990930	4/13/1999	0.008	U0.005	U0.005	0.29	0.29	0.014	0.15	2.1	19	5.1	13	8.24	8.3	2.0	NA
16-2	1.0M	1346	990925	4/13/1999	0.011	U0.005	U0.005	0.23	0.23	0.013	0.18	1.7	16	4.8	13	8.16	6.9	1.0	34.8
16-3	MID	1328	990934	4/13/1999	0.007	U0.005	U0.005	0.07	0.07	0.012	0.14	1.1	10	5.0	8	8.18	3.4	U0.5	35.1
16-4	MID	1311	990924	4/13/1999	0.010	U0.005	U0.005	0.28	0.28	0.011	0.16	1.5	7	4.2	14	8.29	4.2	1.0	34.9
16-5	1.0M	1246	990927	4/13/1999	0.012	U0.005	U0.005	0.07	0.07	0.012	0.11	0.5	8	6.1	6	8.16	2.5	U0.5	35.2
LB-1	MID	1155	990926	4/13/1999	0.016	U0.005	U0.005	0.12	0.12	0.047	0.20	0.9	9	3.4	13	8.03	1.9	1.4	32.4
LB-2	MID	1135	990933	4/13/1999	0.030	0.007	U0.005	0.27	0.27	0.057	0.25	1.0	7	3.8	15	7.96	2.2	2.7	31.7
LB-3	MID	1113	990928	4/13/1999	0.022	0.005	U0.005	0.43	0.43	0.075	0.28	1.5	11	3.3	22	7.98	5.1	1.4	30.8
LB-4	1.0M	1052	990929	4/13/1999	0.013	U0.005	U0.005	0.44	0.44	0.060	0.23	2.3	9	3.7	15	8.09	5.2	1.7	32.8
LB-5	MID	1027	990931	4/13/1999	0.016	U0.005	U0.005	0.37	0.37	0.047	0.21	2.5	9	4.6	15	8.15	5.5	2.0	33.4
ML-1	MID	1300	990903	4/13/1999	0.022	U0.005	U0.005	0.75	0.75	0.177	0.25	1.5	7	4.0	70	7.90	8.5	3.0	10.6
ML-2	MID	1326	990910	4/13/1999	0.019	U0.005	U0.005	0.69	0.69	0.167	0.26	2.0	13	6.1	75	7.92	9.4	2.8	12.9
ML-3	MID	1341	990907	4/13/1999	0.016	U0.005	U0.005	0.66	0.66	0.157	0.29	1.6	10	4.5	55	7.82	11.8	3.0	14.4
ML-4	MID	1400	990905	4/13/1999	0.016	U0.005	U0.005	0.80	0.80	0.160	0.30	2.2	15	8.9	80	7.88	12.9	5.2	14.7
ML-5	MID	1425	990912	4/13/1999	0.017	U0.005	U0.005	0.67	0.67	0.150	0.29	1.6	10	4.8	50	8.00	9.6	2.2	16.2
ML-5 REP	MID	1435	990908	4/13/1999	0.019	U0.005	0.008	0.67	0.68	0.154	0.26	1.8	13	5.4	50	8.01	9.1	3.0	NA
MU-1	MID	1037	990902	4/13/1999	0.015	U0.005	U0.005	0.91	0.91	0.232	0.37	1.4	3	2.6	80	7.58	7.9	3.3	0.28
MU-2	MID	1115	990909	4/13/1999	0.026	U0.005	0.007	0.83	0.84	0.237	0.24	1.2	4	2.6	80	7.63	7.6	2.0	0.33
MU-3	1.0M	1135	990911	4/13/1999	0.015	U0.005	U0.005	0.76	0.76	0.234	0.29	1.2	4	2.4	75	7.59	5.8	2.9	0.50
MU-4	MID	1222	990904	4/13/1999	0.022	U0.005	U0.005	0.73	0.73	0.225	0.23	1.2	3	2.2	80	7.66	6.8	2.0	3.09
MU-5	MID	1238	990906	4/13/1999	0.021	U0.005	U0.005	0.68	0.68	0.212	0.24	1.6	3	2.4	80	7.74	5.3	1.0	5.25
EQP BLK		1500	990947	4/14/1999	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.98	U0.5	U0.5	NA
EQP BLK		0715	990946	4/14/1999	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	6.14	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring

Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rainfall		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)
			Begin (EST)	End (EST)	No	Yes	Min	Max				
041399	AM	16	0507	0558	0		0		21.61	0	10 - 20	<0.5
041399	PM	16	1246	1404	0		0			310 - 330	5 - 15	<0.5 - 0.5
041399	AM	LB	0633	0711	0		0			0	10 - 15	<0.5
041399	PM	LB	1028	1155	0		0		27.36	0 - 340	5 - 10	<0.5 - 0.5
041399	AM	ML	0501	0550	0		0		24.03	0 - 340	<5 - 5	<0.5
041399	PM	ML	1309	1428	0		0			240 - 340	<5 - 10	<0.5 - 0.5
041399	AM	MU	0616	0715	0		0			calm	<5	<0.5
041399	PM	MU	1036	1241	0		0		22.32	60 - 340	<5 - 5	<0.5
041499	AM	10	0535	0700	0		0			90	<5 - 10	<0.5 - 0.5
041499	PM	10	1121	1350	0		0	- 5		180 - 210	<5 - 10	<0.5 - 1.0
041499	AM	11	0504	0630	0		0		25.25	90	5 - 10	<0.5 - 0.5
041499	PM	11	1027	1255	0		0	- 5	23.04	100 - 180	5 - 15	1.0
041499	AM	13	0504	0555	0		0		22.18	90	5 - 10	<0.5 - 0.5
041499	PM	13	1201	1341	0		0	- 5		180	10 - 20	<0.5 - 1.0
041499	AM	14	0603	0654	0		0			90	10	<0.5 - 0.5
041499	PM	14	1024	1143	0		0		25.77	180	10 - 20	<0.5 - 1.5

Hydrolab Minisonde Continuous Deployment at Station 14-3
April 13-14, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
14-3	041399	1500	27.17	8.04	50155	32.9	145.1	9.5
14-3	041399	1515	27.12	8.08	50099	32.9	145.0	9.5
14-3	041399	1530	27.05	8.13	50064	32.9	152.4	10.0
14-3	041399	1545	27.18	8.17	49717	32.6	160.1	10.5
14-3	041399	1600	27.33	8.18	49405	32.4	161.2	10.5
14-3	041399	1615	27.41	8.18	49141	32.2	159.0	10.4
14-3	041399	1630	27.43	8.17	48761	31.9	155.9	10.2
14-3	041399	1645	27.43	8.17	48575	31.8	152.2	9.9
14-3	041399	1700	27.41	8.17	48442	31.7	152.0	9.9
14-3	041399	1715	27.36	8.17	48300	31.6	150.2	9.8
14-3	041399	1730	27.33	8.16	48119	31.4	146.8	9.6
14-3	041399	1745	27.20	8.16	48016	31.4	144.7	9.5
14-3	041399	1800	27.17	8.15	47606	31.1	140.5	9.3
14-3	041399	1815	27.08	8.15	47557	31.0	138.3	9.1
14-3	041399	1830	26.98	8.14	47507	31.0	135.0	8.9
14-3	041399	1845	26.69	8.14	47595	31.1	130.4	8.7
14-3	041399	1900	26.51	8.15	47385	30.9	128.6	8.6
14-3	041399	1915	26.30	8.14	47364	30.9	125.4	8.4
14-3	041399	1930	26.08	8.13	47489	31.0	119.5	8.0
14-3	041399	1945	26.03	8.13	47540	31.0	117.7	7.9
14-3	041399	2000	26.01	8.13	47593	31.1	117.4	7.9
14-3	041399	2015	26.02	8.12	47651	31.1	115.6	7.8
14-3	041399	2030	25.93	8.12	47740	31.2	113.5	7.6
14-3	041399	2045	25.92	8.11	44698	29.0	109.9	7.5
14-3	041399	2100	25.87	8.10	44642	28.9	107.2	7.3
14-3	041399	2115	25.79	8.08	44663	28.9	100.9	6.9
14-3	041399	2130	25.75	8.06	44736	29.0	95.5	6.5
14-3	041399	2145	25.72	8.08	44815	29.0	98.8	6.8
14-3	041399	2200	25.72	8.08	44855	29.1	99.9	6.8
14-3	041399	2215	25.71	8.09	44950	29.1	99.8	6.8
14-3	041399	2230	25.65	8.10	45033	29.2	101.7	7.0
14-3	041399	2245	25.64	8.11	45123	29.3	103.5	7.1
14-3	041399	2300	25.62	8.10	45190	29.3	101.8	7.0
14-3	041399	2315	25.59	8.09	45283	29.4	99.6	6.8

Hydrolab Minisonde Continuous Deployment at Station 14-3
April 13-14, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
14-3	041399	2330	25.61	8.08	45351	29.4	98.5	6.7
14-3	041399	2345	25.62	8.08	45424	29.5	98.3	6.7
14-3	041499	0000	25.62	8.07	45479	29.5	96.7	6.6
14-3	041499	0015	25.62	8.08	45507	29.5	96.7	6.6
14-3	041499	0030	25.65	8.07	45558	29.6	95.0	6.5
14-3	041499	0045	25.66	8.07	45610	29.6	94.3	6.4
14-3	041499	0100	25.61	8.06	45665	29.7	93.6	6.4
14-3	041499	0115	25.49	8.04	45685	29.7	88.5	6.1
14-3	041499	0130	25.27	8.03	45696	29.7	85.2	5.9
14-3	041499	0145	25.19	8.03	45781	29.7	83.4	5.7
14-3	041499	0200	25.25	8.02	45854	29.8	81.1	5.6
14-3	041499	0215	25.32	8.01	45909	29.8	76.5	5.3
14-3	041499	0230	25.35	8.01	45983	29.9	76.6	5.3
14-3	041499	0245	25.39	8.00	46038	29.9	75.6	5.2
14-3	041499	0300	25.38	8.02	46103	30.0	81.4	5.6
14-3	041499	0315	25.19	8.04	46131	30.0	84.4	5.8
14-3	041499	0330	25.11	8.01	46161	30.0	78.9	5.4
14-3	041499	0345	25.08	8.03	46207	30.1	80.3	5.5
14-3	041499	0400	25.01	8.03	46261	30.1	80.5	5.5
14-3	041499	0415	24.95	8.03	46275	30.1	78.4	5.4
14-3	041499	0430	24.92	8.03	46349	30.2	79.3	5.5
14-3	041499	0445	24.81	8.03	46370	30.2	77.9	5.4
14-3	041499	0500	24.82	8.03	46428	30.2	77.2	5.3
14-3	041499	0515	24.79	8.02	46470	30.2	75.4	5.2
14-3	041499	0530	24.70	8.02	46512	30.3	74.6	5.2
14-3	041499	0545	24.66	8.02	46527	30.3	73.1	5.1
14-3	041499	0600	24.63	8.01	46564	30.3	71.4	5.0
14-3	041499	0615	24.61	7.97	46582	30.3	65.3	4.5
14-3	041499	0630	24.55	7.99	46596	30.3	67.0	4.6
14-3	041499	0645	24.37	7.99	46563	30.3	66.5	4.6
14-3	041499	0700	24.32	7.97	46564	30.3	63.5	4.4
14-3	041499	0715	24.05	7.95	46612	30.3	61.7	4.3
14-3	041499	0730	24.23	7.98	46656	30.4	65.5	4.6
14-3	041499	0745	24.36	7.99	46658	30.4	68.0	4.7
14-3	041499	0800	24.36	8.00	46641	30.4	70.4	4.9

Hydrolab Minisonde Continuous Deployment at Station 14-3

April 13-14, 1999

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
14-3	041499	0815	24.37	8.01	46499	30.3	73.0	5.1
14-3	041499	0830	24.39	8.02	46508	30.3	75.4	5.2
14-3	041499	0845	24.41	8.04	46490	30.3	82.9	5.8
14-3	041499	0900	24.19	7.99	46582	30.3	76.5	5.3
14-3	041499	0915	24.21	8.02	46588	30.3	84.5	5.9
14-3	041499	0930	24.36	8.08	46550	30.3	101.2	7.0
14-3	041499	0945	24.50	8.10	46548	30.3	105.3	7.3
14-3	041499	1000	24.73	8.13	46625	30.4	101.0	7.0
14-3	041499	1015	24.80	8.14	46638	30.4	101.8	7.0
14-3	041499	1030	24.73	8.13	46473	30.2	98.9	6.8
14-3	041499	1045	24.81	8.14	46085	30.0	95.5	6.6
14-3	041499	1100	24.95	8.12	45920	29.8	99.4	6.9
14-3	041499	1115	25.13	8.15	45875	29.8	108.4	7.5
14-3	041499	1130	25.21	8.16	45869	29.8	112.6	7.7
14-3	041499	1145	25.37	8.19	45859	29.8	118.1	8.1
14-3	041499	1200	25.51	8.21	45939	29.9	121.7	8.3
14-3	041499	1215	25.59	8.21	45966	29.9	111.5	7.6
14-3	041499	1230	25.65	8.21	45977	29.9	122.0	8.3
14-3	041499	1245	25.76	8.22	46022	29.9	124.7	8.5
14-3	041499	1300	25.91	8.23	46064	29.9	126.5	8.6
14-3	041499	1315	25.98	8.25	46104	30.0	133.2	9.0
14-3	041499	1330	26.12	8.25	46081	30.0	133.4	9.0
14-3	041499	1345	26.22	8.26	46031	29.9	138.3	9.3
14-3	041499	1400	26.28	8.26	45518	29.5	136.5	9.2
14-3	041499	1415	26.41	8.26	45177	29.3	139.4	9.4
14-3	041499	1430	26.54	8.26	43611	28.2	140.6	9.5
14-3	041499	1445	26.59	8.27	43047	27.8	141.3	9.6
14-3	041499	1500	26.70	8.27	42773	27.6	142.2	9.6

Hydrolab DS3 Continuous Deployment at Station 14-5
April 13-14, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
14-5	041399	1445	26.98	8.19	50163	32.9	161.3	10.5
14-5	041399	1500	27.01	8.23	50130	32.9	161.5	10.6
14-5	041399	1515	26.94	8.24	50159	32.9	162.0	10.6
14-5	041399	1530	26.92	8.25	50108	32.9	163.1	10.7
14-5	041399	1545	26.91	8.27	50040	32.9	162.9	10.7
14-5	041399	1600	26.84	8.28	50002	32.8	160.5	10.5
14-5	041399	1615	26.86	8.29	49935	32.8	160.7	10.5
14-5	041399	1630	26.79	8.29	49936	32.8	161.2	10.6
14-5	041399	1645	26.71	8.30	49904	32.8	160.2	10.5
14-5	041399	1700	26.67	8.31	49879	32.7	160.6	10.6
14-5	041399	1715	26.61	8.31	49831	32.7	158.8	10.5
14-5	041399	1730	26.51	8.31	49846	32.7	156.7	10.3
14-5	041399	1745	26.42	8.31	49823	32.7	151.9	10.0
14-5	041399	1800	26.34	8.31	49844	32.7	149.7	9.9
14-5	041399	1815	26.24	8.31	49852	32.7	148.9	9.9
14-5	041399	1830	26.24	8.28	49798	32.7	149.1	9.9
14-5	041399	1845	26.33	8.25	49812	32.7	141.3	9.4
14-5	041399	1900	26.45	8.19	49910	32.8	130.3	8.6
14-5	041399	1915	26.42	8.20	49998	32.8	133.3	8.8
14-5	041399	1930	26.31	8.20	50066	32.9	129.2	8.6
14-5	041399	1945	26.26	8.20	50151	32.9	127.6	8.5
14-5	041399	2000	26.22	8.20	50221	33.0	127.2	8.4
14-5	041399	2015	26.19	8.19	50339	33.1	126.8	8.4
14-5	041399	2030	26.11	8.19	50423	33.1	124.0	8.2
14-5	041399	2045	26.10	8.19	50545	33.2	124.0	8.2
14-5	041399	2100	26.09	8.19	50648	33.3	124.7	8.3
14-5	041399	2115	26.09	8.19	50717	33.3	122.7	8.1
14-5	041399	2130	26.06	8.19	50821	33.4	122.7	8.1
14-5	041399	2145	26.08	8.19	50914	33.5	123.5	8.2
14-5	041399	2200	25.99	8.19	51041	33.6	120.2	8.0
14-5	041399	2215	25.92	8.19	51119	33.6	119.0	7.9
14-5	041399	2230	25.86	8.18	51192	33.7	116.3	7.7
14-5	041399	2245	25.79	8.17	51261	33.8	111.4	7.4
14-5	041399	2300	25.79	8.16	51302	33.8	110.4	7.3

Hydrolab DS3 Continuous Deployment at Station 14-5
April 13-14, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
14-5	041399	2315	25.71	8.15	51378	33.8	107.0	7.1
14-5	041399	2330	25.69	8.15	51423	33.9	106.4	7.1
14-5	041399	2345	25.62	8.14	51468	33.9	100.3	6.7
14-5	041499	0000	25.59	8.13	51519	33.9	96.6	6.4
14-5	041499	0015	25.57	8.13	51535	34.0	90.0	6.0
14-5	041499	0030	25.06	8.12	51634	34.0	89.0	6.0
14-5	041499	0045	25.39	8.12	51576	34.0	94.3	6.3
14-5	041499	0100	25.34	8.12	51610	34.0	94.2	6.3
14-5	041499	0115	25.26	8.12	51647	34.0	92.1	6.2
14-5	041499	0130	25.14	8.12	51664	34.0	90.5	6.1
14-5	041499	0145	25.07	8.11	51639	34.0	89.3	6.0
14-5	041499	0200	25.02	8.11	51640	34.0	87.4	5.9
14-5	041499	0215	24.94	8.09	51672	34.1	82.9	5.6
14-5	041499	0230	24.74	8.07	51704	34.1	75.4	5.1
14-5	041499	0245	24.63	8.07	51697	34.1	74.1	5.0
14-5	041499	0300	24.58	8.07	51718	34.1	74.9	5.1
14-5	041499	0315	24.49	8.08	51735	34.1	75.7	5.1
14-5	041499	0330	24.37	8.09	51750	34.1	77.1	5.2
14-5	041499	0345	24.25	8.11	51743	34.1	78.7	5.4
14-5	041499	0400	24.20	8.11	51719	34.1	77.5	5.3
14-5	041499	0415	24.11	8.10	51719	34.1	75.8	5.2
14-5	041499	0430	24.02	8.10	51757	34.1	75.2	5.2
14-5	041499	0445	24.00	8.10	51746	34.1	75.4	5.2
14-5	041499	0500	24.00	8.10	51737	34.1	75.6	5.2
14-5	041499	0515	23.94	8.11	51767	34.1	76.1	5.2
14-5	041499	0530	23.93	8.11	51755	34.1	76.4	5.2
14-5	041499	0545	23.89	8.11	51783	34.1	76.4	5.2
14-5	041499	0600	23.82	8.12	51802	34.1	76.4	5.3
14-5	041499	0615	23.77	8.11	51818	34.2	75.6	5.2
14-5	041499	0630	23.71	8.11	51822	34.2	74.1	5.1
14-5	041499	0645	23.55	8.10	51875	34.2	69.0	4.8
14-5	041499	0700	23.62	8.06	51683	34.1	60.3	4.2
14-5	041499	0715	23.71	8.10	51830	34.2	73.4	5.1
14-5	041499	0730	23.88	8.05	51906	34.2	63.1	4.3

Hydrolab DS3 Continuous Deployment at Station 14-5
April 13-14, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
14-5	041499	0745	23.81	8.04	51957	34.3	63.5	4.4
14-5	041499	0800	23.83	8.05	52006	34.3	64.9	4.5
14-5	041499	0815	24.05	8.07	51988	34.3	70.0	4.8
14-5	041499	0830	24.26	8.09	51961	34.3	76.5	5.2
14-5	041499	0845	24.35	8.10	51979	34.3	80.4	5.5
14-5	041499	0900	24.43	8.10	52032	34.3	81.6	5.5
14-5	041499	0915	24.47	8.10	52042	34.3	83.2	5.6
14-5	041499	0930	24.49	8.10	52061	34.3	83.0	5.6
14-5	041499	0945	24.49	8.09	52077	34.4	82.8	5.6
14-5	041499	1000	24.52	8.09	52146	34.4	84.2	5.7
14-5	041499	1015	24.58	8.09	52164	34.4	85.4	5.8
14-5	041499	1030	24.65	8.09	52178	34.4	86.7	5.9
14-5	041499	1045	24.76	8.10	52200	34.4	89.8	6.1
14-5	041499	1100	24.89	8.11	52201	34.4	93.2	6.3
14-5	041499	1115	25.00	8.11	52233	34.5	95.5	6.4
14-5	041499	1130	25.07	8.11	52245	34.5	97.2	6.5
14-5	041499	1145	25.12	8.11	52281	34.5	98.3	6.6
14-5	041499	1200	25.20	8.11	52298	34.5	99.9	6.7
14-5	041499	1215	25.31	8.12	52305	34.5	102.1	6.8
14-5	041499	1230	25.38	8.12	52275	34.5	102.6	6.8
14-5	041499	1245	25.44	8.11	52300	34.5	102.2	6.8
14-5	041499	1300	25.55	8.11	52300	34.5	103.1	6.9
14-5	041499	1315	25.68	8.13	52255	34.5	104.5	6.9
14-5	041499	1330	25.87	8.13	52195	34.4	95.1	6.3
14-5	041499	1345	26.22	8.14	52046	34.3	105.4	6.9
14-5	041499	1400	26.50	8.17	51922	34.2	115.5	7.6
14-5	041499	1415	26.51	8.17	51966	34.3	115.8	7.6
14-5	041499	1430	26.74	8.17	51983	34.3	115.7	7.5
14-5	041499	1445	26.73	8.18	52075	34.4	120.7	7.9
14-5	041499	1500	26.72	8.19	52122	34.4	122.2	8.0

Sarasota Bay / Myakka River Status and Trends Monitoring Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
10-1	061699	0513	0.2	36.7	55.26	29.56	7.99	5.65	92.3
10-1	061699	0513	1.0	36.7	55.24	29.57	7.99	5.76	93.1
10-1	061699	0514	3.5	36.7	55.28	29.57	7.99	5.89	96.3
10-1	061699	1145	0.2	37.1	55.80	29.78	8.02	6.13	101.4
10-1	061699	1145	1.0	37.1	55.81	29.77	8.02	6.27	101.7
10-1	061699	1146	3.8	37.2	55.92	29.69	8.02	6.47	106.5
10-2	061699	0447	0.2	36.8	55.45	29.68	8.01	5.62	92.2
10-2	061699	0449	0.9	36.9	55.56	29.70	8.01	5.68	93.2
10-2	061699	0450	1.6	37.0	55.57	29.72	8.01	5.73	94.1
10-2	061699	1059	0.2	37.1	55.75	30.18	8.00	6.31	104.5
10-2	061699	1059	1.0	37.2	55.87	30.20	8.01	6.34	106.1
10-2	061699	1100	1.7	37.2	55.92	30.19	8.01	6.49	107.9
10-3	061699	0620	0.3	37.0	55.62	29.43	7.94	3.81	62.2
10-3	061699	1350	0.2	37.2	56.00	30.43	8.02	6.43	107.3
10-3	061699	1351	1.0	37.2	55.97	30.36	8.02	6.55	108.9
10-3	061699	1352	3.4	37.2	55.96	29.39	7.92	4.06	66.5
10-4	061699	0556	0.2	37.1	55.77	29.69	8.00	5.61	92.1
10-4	061699	0557	1.0	37.1	55.78	29.70	8.00	5.65	93.1
10-4	061699	0557	3.6	37.2	55.87	29.69	7.98	5.63	92.5
10-4	061699	1325	0.2	37.3	56.10	30.29	8.06	7.49	124.6
10-4	061699	1326	1.0	37.4	56.13	30.09	8.04	7.32	121.9
10-4	061699	1327	4.0	37.4	56.24	29.40	7.99	6.71	109.9
10-5	061699	0551	0.2	37.2	55.97	29.16	7.97	5.73	94.1
10-5	061699	0551	1.0	37.2	55.96	29.19	7.97	5.77	94.2
10-5	061699	0552	3.5	37.3	55.99	29.19	7.97	5.97	97.5
10-5	061699	1304	0.2	37.4	56.20	29.76	8.01	6.64	109.4
10-5	061699	1305	1.0	37.4	56.21	29.76	8.00	6.65	109.7
10-5	061699	1305	3.6	37.4	56.21	29.76	8.00	6.80	112.2

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
11-1	061699	0503	0.2	36.6	55.09	30.27	8.01	5.89	97.5
11-1	061699	0505	1.0	36.6	55.11	30.30	8.01	5.98	99.1
11-1	061699	0505	3.1	36.6	55.13	30.32	8.01	6.05	100.1
11-1	061699	1126	0.2	36.8	55.38	30.24	8.01	6.44	106.5
11-1	061699	1127	1.0	36.8	55.35	30.22	8.01	6.55	107.5
11-1	061699	1127	3.1	36.8	55.38	30.18	8.01	6.40	105.7
11-2	061699	0457	0.2	37.0	55.62	29.42	7.98	5.31	86.8
11-2	061699	0458	1.0	37.0	55.66	29.45	7.98	5.38	88.1
11-2	061699	0458	3.4	37.0	55.71	29.50	7.98	5.48	89.7
11-2	061699	1109	0.2	37.2	55.87	29.73	8.01	6.08	99.5
11-2	061699	1110	1.0	37.2	55.89	29.72	8.01	6.13	100.8
11-2	061699	1110	3.7	37.2	55.93	29.72	8.01	6.11	101.0
11-3	061699	0525	0.2	36.8	55.34	29.80	7.96	5.51	90.0
11-3	061699	0526	1.0	36.8	55.37	29.84	7.96	5.56	91.5
11-3	061699	0526	3.5	37.0	55.69	29.80	7.98	5.61	93.1
11-3	061699	1213	0.2	37.3	56.05	30.25	8.01	6.39	105.5
11-3	061699	1213	1.0	37.3	55.99	30.14	8.00	6.42	106.9
11-3	061699	1214	4.0	37.3	55.99	29.79	7.99	6.51	106.0
11-4	061699	0532	0.2	36.7	55.25	29.53	7.97	5.50	90.1
11-4	061699	0532	1.0	36.8	55.35	29.50	7.96	5.57	91.0
11-4	061699	0533	2.0	37.0	55.64	29.46	7.96	5.70	93.3
11-4	061699	1229	0.2	37.4	56.16	29.45	7.99	6.53	107.4
11-4	061699	1230	1.0	37.4	56.21	29.44	7.99	6.63	108.2
11-4	061699	1230	2.5	37.4	56.18	29.46	7.99	6.79	111.4
11-5	061699	0541	0.2	36.8	55.40	29.26	7.94	5.59	92.3
11-5	061699	0542	1.0	37.1	55.78	29.28	7.96	5.77	94.1
11-5	061699	0542	2.7	37.2	55.95	29.28	7.96	5.81	94.9
11-5	061699	1246	0.2	37.4	56.19	29.64	8.00	6.58	108.2
11-5	061699	1248	1.0	37.4	56.17	29.62	8.00	6.66	109.3
11-5	061699	1248	2.5	37.4	56.18	29.61	8.00	6.73	110.7

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
13-1	061699	0444	0.2	36.1	54.37	30.43	8.15	5.06	83.8
13-1	061699	0444	0.5	36.1	54.46	30.44	8.16	5.11	84.5
13-1	061699	0445	0.8	36.2	54.53	30.43	8.16	5.09	83.6
13-1	061699	1333	0.2	37.1	55.76	30.28	8.20	6.15	103.3
13-1	061699	1333	0.7	37.1	55.78	30.30	8.20	6.34	105.6
13-1	061699	1334	1.1	37.1	55.77	30.31	8.20	6.38	106.3
13-2	061699	0457	0.2	35.4	53.51	30.61	8.10	5.06	83.6
13-2	061699	0458	1.0	35.4	53.52	30.62	8.11	5.07	83.5
13-2	061699	0459	3.5	35.9	54.14	30.89	8.19	5.25	87.8
13-2	061699	1316	0.2	36.0	54.35	31.17	8.14	6.11	102.3
13-2	061699	1316	1.0	36.4	54.83	30.89	8.16	6.14	103.3
13-2	061699	1317	2.4	36.6	55.10	30.58	8.18	6.12	101.7
13-3	061699	0504	0.2	34.8	52.66	30.64	8.08	4.58	75.1
13-3	061699	0505	1.0	34.7	52.55	30.64	8.08	4.53	74.6
13-3	061699	0505	4.1	34.8	52.66	30.71	8.09	4.57	74.8
13-3	061699	1251	0.2	35.6	53.82	31.15	8.10	5.56	92.9
13-3	061699	1252	1.0	35.8	54.04	30.99	8.13	5.70	95.6
13-3	061699	1253	2.1	35.8	54.09	30.96	8.13	5.95	98.0
13-4	061699	0513	0.2	34.7	52.50	30.62	8.05	4.29	69.0
13-4	061699	0514	1.0	34.7	52.50	30.63	8.05	4.21	69.1
13-4	061699	0515	3.7	34.6	52.47	30.61	8.05	4.12	67.6
13-4	061699	1229	0.2	35.7	53.92	30.96	8.10	5.51	92.4
13-4	061699	1232	1.0	35.7	53.92	30.97	8.10	5.49	92.2
13-4	061699	1233	4.1	35.7	53.88	30.95	8.11	5.70	94.6
13-5	061699	0523	0.2	34.6	52.45	30.72	8.06	4.19	68.8
13-5	061699	0524	1.0	34.6	52.45	30.75	8.06	4.22	69.7
13-5	061699	0525	1.9	34.9	52.76	30.65	8.09	4.74	79.3
13-5	061699	1212	0.2	34.8	52.69	30.99	7.93	4.19	68.7
13-5	061699	1213	1.0	34.8	52.69	30.90	7.93	4.16	68.8
13-5	061699	1214	2.0	34.8	52.71	30.78	7.94	3.81	62.9

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Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
14-1	061699	0529	0.2	35.3	53.32	30.12	8.13	4.89	79.7
14-1	061699	0530	0.8	35.3	53.31	30.07	8.13	4.88	79.8
14-1	061699	0531	1.3	35.2	53.27	30.08	8.10	4.24	69.4
14-1	061699	1140	0.2	35.2	53.20	30.57	8.07	5.59	91.8
14-1	061699	1141	0.8	35.2	53.23	30.62	8.07	5.57	92.7
14-1	061699	1142	1.4	35.2	53.18	30.54	8.08	5.55	91.4
14-2	061699	0538	0.2	35.1	53.10	30.63	8.13	5.22	86.0
14-2	061699	0539	0.9	35.1	53.14	30.61	8.13	5.08	82.8
14-2	061699	0540	1.6	35.5	53.59	31.04	8.17	4.81	79.8
14-2	061699	1126	0.2	35.3	53.34	30.81	8.06	5.30	87.9
14-2	061699	1127	1.0	35.3	53.31	30.79	8.06	5.11	85.6
14-2	061699	1128	1.9	35.3	53.33	30.77	8.08	5.14	85.6
14-3	061699	0547	0.2	37.0	55.64	30.52	8.20	4.45	74.2
14-3	061699	0548	0.6	37.0	55.63	30.48	8.19	4.08	66.5
14-3	061699	0549	0.9	37.0	55.63	30.43	8.15	3.57	58.4
14-3	061699	1111	0.2	37.4	56.14	30.78	8.19	5.66	94.4
14-3	061699	1112	0.6	37.4	56.13	30.77	8.19	5.56	93.5
14-3	061699	1113	0.9	37.4	56.12	30.78	8.19	5.62	95.0
14-4	061699	0600	0.2	37.4	56.20	29.93	8.14	3.27	58.2
14-4	061699	1054	0.2	37.5	56.32	30.56	8.17	5.28	88.9
14-4	061699	1055	0.7	37.5	56.31	30.55	8.17	5.15	86.1
14-4	061699	1056	1.1	37.5	56.33	30.58	8.19	5.57	93.4
14-5	061699	0615	0.2	37.6	56.36	29.91	8.07	3.31	51.2
14-5	061699	0616	0.7	37.5	56.35	29.94	8.07	2.82	48.2
14-5	061699	0616	1.2	37.5	56.33	29.98	8.09	2.96	49.4
14-5	061699	1033	0.2	37.4	56.22	30.25	8.03	4.26	72.1
14-5	061699	1034	0.7	37.5	56.26	30.23	8.04	3.97	66.0
14-5	061699	1035	1.2	37.5	56.28	30.16	8.06	4.08	67.5

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
16-1	061599	0412	0.2	37.1	55.79	30.40	8.01	5.60	93.2
16-1	061599	0413	1.0	37.1	55.82	30.43	8.02	5.70	95.0
16-1	061599	0414	3.4	37.2	55.96	30.27	7.98	5.21	86.5
16-1	061599	1341	0.2	37.2	55.88	31.06	8.22	7.47	125.7
16-1	061599	1342	1.0	37.1	55.84	30.91	8.22	7.65	129.1
16-1	061599	1343	1.9	37.1	55.83	31.07	8.28	8.33	140.2
16-2	061599	0440	0.2	37.2	55.93	30.13	8.02	5.68	94.1
16-2	061599	0441	1.0	37.3	56.06	30.26	7.89	3.62	61.4
16-2	061599	0442	2.1	37.2	55.94	30.19	8.00	5.36	88.9
16-2	061599	1324	0.2	37.1	55.83	31.05	8.25	8.88	149.1
16-2	061599	1325	0.6	37.1	55.82	31.06	8.25	8.88	150.5
16-2	061599	1326	0.9	37.2	55.85	30.66	8.22	8.41	139.1
16-3	061599	0425	0.3	37.4	56.15	30.25	7.95	4.33	71.6
16-3	061599	1309	0.2	37.4	56.14	31.71	8.16	7.07	121.6
16-3	061599	1310	0.9	37.3	56.10	31.62	8.16	7.35	124.2
16-3	061599	1311	1.5	37.4	56.13	31.29	8.22	8.82	150.3
16-4	061599	0454	0.2	37.2	55.98	29.94	7.97	4.88	80.7
16-4	061599	0455	0.8	37.2	55.94	29.97	7.97	4.85	80.1
16-4	061599	0456	1.4	37.2	55.91	29.92	7.97	4.84	80.0
16-4	061599	1249	0.2	37.2	55.84	31.07	8.21	8.05	135.5
16-4	061599	1250	0.7	37.1	55.83	30.94	8.21	8.12	134.5
16-4	061599	1250	1.2	37.1	55.83	30.96	8.22	8.38	140.5
16-5	061599	0502	0.2	37.2	55.88	29.72	7.97	4.85	80.3
16-5	061599	0504	0.6	37.2	55.86	29.75	7.98	5.04	82.9
16-5	061599	0505	0.9	37.2	55.88	29.74	7.98	5.29	86.8
16-5	061599	1232	0.2	37.1	55.84	30.63	8.17	7.93	132.4
16-5	061599	1233	0.6	37.2	55.85	30.66	8.18	7.96	133.0
16-5	061599	1234	0.9	37.1	55.83	30.67	8.19	8.17	136.5

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	061599	0540	0.2	35.1	53.02	31.50	7.80	4.14	69.3
LB-1	061599	0540	1.0	35.0	53.02	31.48	7.80	3.91	65.7
LB-1	061599	0541	3.4	35.0	52.97	31.44	7.77	3.30	55.2
LB-1	061599	1145	0.2	34.5	52.32	32.24	7.92	5.04	85.2
LB-1	061599	1146	1.0	34.5	52.26	31.89	7.91	4.74	79.4
LB-1	061599	1147	2.4	34.5	52.25	31.84	7.91	4.76	80.0
LB-2	061599	0549	0.2	35.4	53.52	31.21	7.87	4.12	69.0
LB-2	061599	0550	1.0	35.4	53.51	31.22	7.86	4.11	67.9
LB-2	061599	0551	3.2	35.4	53.52	30.94	7.83	3.53	58.6
LB-2	061599	1128	0.2	35.0	52.93	31.98	7.92	4.44	74.9
LB-2	061599	1129	0.7	35.0	52.92	31.97	7.92	4.41	73.7
LB-2	061599	1129	1.1	35.0	52.95	31.98	7.93	4.45	74.4
LB-3	061599	0557	0.2	36.0	54.25	30.50	7.93	3.93	64.7
LB-3	061599	0558	0.7	36.0	54.31	30.09	7.89	3.14	51.6
LB-3	061599	0559	1.2	36.0	54.32	30.14	7.90	3.22	53.0
LB-3	061599	1111	0.2	35.8	54.05	31.37	8.08	4.78	80.3
LB-3	061599	1112	0.5	35.8	54.02	31.36	8.08	4.65	78.8
LB-3	061599	1113	0.7	35.8	54.05	31.18	8.07	4.49	75.0
LB-4	061599	0606	0.2	36.4	54.85	29.75	7.92	4.11	67.4
LB-4	061599	0607	0.8	36.4	54.86	29.75	7.91	4.02	65.9
LB-4	061599	0608	1.3	36.4	54.88	29.67	7.90	3.89	63.8
LB-4	061599	1055	0.2	36.3	54.63	30.69	8.10	5.68	94.7
LB-4	061599	1055	0.8	36.3	54.69	30.59	8.13	6.08	102.3
LB-4	061599	1056	1.4	36.5	54.98	29.88	8.08	4.93	80.0
LB-5	061599	0618	0.2	37.1	55.79	30.25	7.99	4.77	79.0
LB-5	061599	0619	1.0	37.1	55.76	30.28	7.98	4.81	79.9
LB-5	061599	0619	2.1	37.1	55.73	30.28	7.98	4.62	76.7
LB-5	061599	1031	0.2	36.9	55.54	30.71	8.13	5.44	89.6
LB-5	061599	1032	1.0	37.0	55.66	30.53	8.16	5.27	87.9
LB-5	061599	1033	2.0	37.1	55.79	30.58	8.21	5.72	95.4

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
ML-1	061599	0529	0.2	17.8	28.89	29.74	7.29	5.29	77.1
ML-1	061599	0529	1.0	17.9	29.08	29.91	7.30	5.09	74.4
ML-1	061599	0530	2.1	17.9	29.06	29.92	7.30	5.01	73.9
ML-1	061599	1232	0.2	18.5	29.87	31.32	7.44	6.36	96.2
ML-1	061599	1233	1.0	18.6	30.03	30.90	7.43	6.26	94.2
ML-1	061599	1234	2.2	18.6	30.05	30.76	7.41	6.05	90.9
ML-2	061599	0523	0.2	18.2	29.41	29.77	7.32	5.17	75.6
ML-2	061599	0523	0.6	18.1	29.39	29.79	7.31	4.98	72.7
ML-2	061599	0523	1.0	18.1	29.39	29.78	7.31	4.93	72.6
ML-2	061599	1242	0.2	19.0	30.66	30.87	7.38	5.69	85.0
ML-2	061599	1244	0.6	19.1	30.88	30.42	7.39	5.54	82.8
ML-2	061599	1244	0.9	19.2	30.95	30.17	7.39	5.47	81.9
ML-3	061599	0516	0.2	18.2	29.57	29.71	7.32	5.24	76.5
ML-3	061599	0516	1.0	18.6	30.01	29.65	7.32	4.88	71.3
ML-3	061599	0518	3.4	18.7	30.23	29.60	7.32	4.79	70.6
ML-3	061599	1257	0.2	19.6	31.47	30.45	7.45	5.94	89.4
ML-3	061599	1258	1.0	19.6	31.45	30.40	7.44	5.95	89.3
ML-3	061599	1258	3.8	19.8	31.81	30.44	7.45	5.97	89.8
ML-4	061599	0505	0.2	19.8	30.73	29.04	7.36	4.91	71.65
ML-4	061599	0505	1.0	19.8	31.80	29.09	7.38	4.87	70.99
ML-4	061599	0505	2.4	19.1	32.01	29.08	7.39	5.00	72.91
ML-4	061599	1315	0.2	21.0	33.55	31.00	7.56	6.34	97.0
ML-4	061599	1315	1.0	21.1	33.62	30.99	7.55	6.36	97.3
ML-4	061599	1316	2.2	21.2	33.77	30.99	7.56	6.33	98.1
ML-5	061599	0451	0.3	21.0	33.46	29.26	7.39	4.43	65.7
ML-5	061599	1334	0.2	22.3	35.33	31.77	7.67	6.75	105.4
ML-5	061599	1335	0.4	22.6	35.81	31.68	7.68	6.76	105.5
ML-5	061599	1335	0.6	22.6	35.84	31.67	7.68	6.78	105.4

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
MU-1	061599	0648	0.2	4.30	7.66	29.65	7.14	3.80	51.1
MU-1	061599	0648	1.0	4.30	7.71	29.71	7.13	3.68	49.6
MU-1	061599	0648	2.0	4.30	7.73	29.72	7.13	3.69	50.0
MU-1	061599	1030	0.2	4.30	7.69	30.22	7.11	4.28	58.5
MU-1	061599	1031	1.0	4.30	7.73	30.16	7.10	4.17	56.5
MU-1	061599	1032	2.4	4.50	8.01	30.00	7.09	3.94	53.4
MU-2	061599	0633	0.2	6.20	10.82	30.01	7.15	4.73	64.4
MU-2	061599	0634	1.0	6.20	10.83	30.00	7.14	4.38	60.4
MU-2	061599	0634	2.1	6.20	10.85	30.01	7.13	4.45	60.5
MU-2	061599	1058	0.2	6.20	10.83	30.57	7.17	4.56	63.4
MU-2	061599	1059	1.0	6.20	10.94	30.36	7.16	4.51	62.5
MU-2	061599	1100	1.7	6.30	11.04	30.32	7.15	4.44	61.6
MU-3	061599	0605	0.2	12.9	21.58	29.57	7.05	4.24	60.3
MU-3	061599	0606	1.0	12.7	21.31	29.57	7.04	3.82	53.6
MU-3	061599	0607	2.3	13.1	21.86	29.67	7.02	3.42	48.7
MU-3	061599	1131	0.2	12.3	20.73	31.03	7.12	4.26	62.0
MU-3	061599	1131	1.0	13.2	21.95	30.31	7.04	3.56	51.4
MU-3	061599	1132	1.8	13.4	22.36	30.12	7.01	3.13	45.0
MU-4	061599	0559	0.2	13.5	22.52	29.64	7.02	3.57	50.8
MU-4	061599	0600	0.5	13.5	22.51	29.66	7.02	3.41	48.8
MU-4	061599	0600	0.7	13.5	22.49	29.66	7.02	3.36	48.0
MU-4	061599	1148	0.2	13.8	22.89	31.12	7.08	4.29	62.7
MU-4	061599	1148	0.7	13.9	23.24	30.73	7.04	4.00	58.0
MU-4	061599	1149	1.1	14.1	23.43	30.54	7.03	3.73	54.3
MU-5	061599	0546	0.2	16.5	27.03	29.62	7.13	4.15	60.1
MU-5	061599	0546	0.7	16.6	27.13	29.66	7.13	4.05	58.8
MU-5	061599	0547	1.2	16.6	27.13	29.67	7.13	3.96	58.1
MU-5	061599	1206	0.2	16.7	27.26	30.82	7.22	4.47	66.5
MU-5	061599	1206	0.5	16.7	27.32	30.72	7.20	4.32	64.1
MU-5	061599	1207	0.8	16.8	27.35	30.66	7.19	4.32	63.1

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	061699	0513	27.35861	-82.57750	27.35932	-82.57790	3.7			
10-1	061699	1145	27.35861	-82.57750	27.35893	-82.57735	4.0	1.5	991228	0.77
10-2	061699	0447	27.33611	-82.56778	27.35917	-82.56877	1.8			
10-2	061699	1059	27.33611	-82.56778	27.33558	-82.56785	1.9	>B	991219	0.25
10-3	061699	0620	27.32639	-82.57917	27.32455	-82.58035	0.6			
10-3	061699	1350	27.32639	-82.57917	27.32442	-82.57935	3.6	1.5	991224	0.31
10-4	061699	0556	27.32417	-82.55583	27.32438	-82.55572	3.8			
10-4	061699	1325	27.32417	-82.55583	27.32458	-82.55582	4.2	2.0	991227	0.59
10-5	061699	0551	27.31194	-82.55111	27.31193	-82.55262	3.7			
10-5	061699	1304	27.31194	-82.55111	27.31292	-82.55187	3.8	2.0	991222	0.04
11-1	061699	0503	27.37028	-82.56833	27.37063	-82.56860	3.3			
11-1	061699	1126	27.37028	-82.56833	27.37052	-82.56827	3.3	1.3	991225	0.37
11-2	061699	0457	27.35278	-82.56556	27.35332	-82.56648	3.6			
11-2	061699	1109	27.35278	-82.56556	27.35325	-82.56630	3.9	1.5	991223	0.49
11-3	061699	0525	27.33361	-82.55917	27.33332	-82.55932	3.7			
11-3	061699	1213	27.33361	-82.55917	27.33260	-82.55998	4.2	1.5	991229	0.48
11-4	061699	0532	27.32389	-82.54778	27.32397	-82.54882	2.2			
11-4	061699	1229	27.32389	-82.54778	27.32333	-82.54818	2.7	>B	991220	0.15
11-5	061699	0541	27.31167	-82.54500	27.31210	-82.54568	2.9			
11-5	061699	1246	27.31167	-82.54500	27.31170	-82.54482	2.7	2.5	991226	0.18
13-1	061699	0444	27.29722	-82.54750	27.29692	-82.54805	1.0			
13-1	061699	1333	27.29722	-82.54750	27.29782	-82.54778	1.3	>B	991218	0.36
13-2	061699	0457	27.28111	-82.54472	27.28153	-82.54503	3.7			
13-2	061699	1316	27.28111	-82.54472	27.28110	-82.54507	2.6	1.3	991217	0.63
13-3	061699	0504	27.26333	-82.54167	27.26437	-82.53960	4.3			
13-3	061699	1251	27.26333	-82.54167	27.26377	-82.53945	2.3	1.3	991213	0.81
13-4	061699	0513	27.25778	-82.53500	27.25813	-82.53498	3.9			
13-4	061699	1229	27.25778	-82.53500	27.25787	-82.53397	4.3	ND	991209	0.58
13-5	061699	0523	27.24361	-82.52194	27.24425	-82.52245	2.1			
13-5	061699	1212	27.24361	-82.52194	27.24383	-82.52180	2.2	1.3	991216	0.62
14-1	061699	0529	27.23361	-82.52000	27.23355	-82.51937	1.5			
14-1	061699	1140	27.23361	-82.52000	27.23367	-82.51903	1.6	1.2	991208	0.63
14-2	061699	0538	27.23111	-82.51083	27.22760	-82.51085	1.8			
14-2	061699	1126	27.23111	-82.51083	27.23137	-82.51112	2.1	1.0	991212	1.29
14-3	061699	0547	27.21139	-82.50472	27.21097	-82.50383	1.1			
14-3	061699	1111	27.21139	-82.50472	27.21103	-82.50350	1.1	>B	991211	0.69
14-4	061699	0600	27.19111	-82.50056	27.19127	-82.50030	0.4			
14-4	061699	1054	27.19111	-82.50056	27.19202	-82.49963	1.3	>B	991214	0.40
14-5	061699	0615	27.18556	-82.49333	27.18587	-82.49332	1.4			
14-5	061699	1033	27.18556	-82.49333	27.18633	-82.49303	1.4	>B	991210	0.43

ND = Not Determined due to strong current

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
16-1	061599	0412	27.16944	-82.48833	27.16858	-82.48793	3.6			
16-1	061599	1341	27.16944	-82.48833	27.16940	-82.48777	2.1	>B	991233	0.37
16-2	061599	0440	27.14639	-82.48556	27.16068	-82.48430	2.3			
16-2	061599	1324	27.14639	-82.48556	27.16050	-82.48405	1.1	>B	991238	0.21
16-3	061599	0425	27.15056	-82.48000	27.15202	-82.47915	0.6			
16-3	061599	1309	27.15056	-82.48000	27.15093	-82.47962	1.7	>B	991237	0.74
16-4	061599	0454	27.13806	-82.47139	27.13677	-82.47138	1.6			
16-4	061599	1249	27.13806	-82.47139	27.13733	-82.47128	1.4	>B	991240	0.71
16-5	061599	0502	27.13056	-82.46972	27.13068	-82.46987	1.1			
16-5	061599	1232	27.13056	-82.46972	27.13097	-82.46953	1.1	>B	991234	0.32
LB-1	061599	0540	27.04139	-82.43139	27.04148	-82.42990	3.6			
LB-1	061599	1145	27.04139	-82.43139	27.04143	-82.43023	2.6	1.2	991239	0.79
LB-2	061599	0549	27.02583	-82.42222	27.02575	-82.42018	3.4			
LB-2	061599	1128	27.02583	-82.42222	27.02617	-82.42080	1.3	1.2	991231	0.76
LB-3	061599	0557	27.00472	-82.40806	27.00563	-82.40683	1.4			
LB-3	061599	1111	27.00472	-82.40806	27.00540	-82.40620	0.9	1.2	991236	0.87
LB-4	061599	0606	26.98389	-82.39389	26.98432	-82.39437	1.5			
LB-4	061599	1055	26.98389	-82.39389	26.98328	-82.39365	1.6	0.9	991235	1.12
LB-5	061599	0618	26.94833	-82.36139	26.94833	-82.36150	2.3			
LB-5	061599	1031	26.94833	-82.36139	26.94815	-82.36110	2.2	1.7	991232	0.62
ML-1	061599	0529	27.03667	-82.28222	27.03747	-82.28192	2.3			
ML-1	061599	1232	27.03667	-82.28222	27.03695	-82.28185	2.4	0.8	991205	1.99
ML-2	061599	0523	27.03083	-82.27833	27.03280	-82.27817	1.2			
ML-2	061599	1242	27.03083	-82.27833	27.03252	-82.27815	1.1	0.8	991206	2.26
ML-3	061599	0516	27.02944	-82.27278	27.02982	-82.27280	3.6			
ML-3	061599	1257	27.02944	-82.27278	27.02933	-82.27373	4.0	1.0	991200	2.08
ML-4	061599	0505	27.01778	-82.27333	27.01843	-82.27253	2.6			
ML-4	061599	1315	27.01778	-82.27333	27.01807	-82.27193	2.4	1.0	991207	2.09
ML-5	061599	0451	27.00278	-82.25944	27.00232	-82.26000	0.6			
ML-5	061599	1334	27.00278	-82.25944	27.00340	-82.25928	0.8	>B	991198	1.73
MU-1	061599	0648	27.10000	-82.33278	27.09980	-82.33353	2.2			
MU-1	061599	1030	27.10000	-82.33278	27.09953	-82.33275	2.6	1.3	991197	1.74
MU-2	061599	0633	27.08500	-82.32750	27.08698	-82.32732	2.3			
MU-2	061599	1058	27.08500	-82.32750	27.08690	-82.32713	1.9	1.0	991201	1.65
MU-3	061599	0605	27.06472	-82.31444	27.06572	-82.31383	2.5			
MU-3	061599	1131	27.06472	-82.31444	27.06553	-82.31338	2.0	1.3	991203	1.45
MU-4	061599	0559	27.06167	-82.31056	27.06310	-82.31005	0.9			
MU-4	061599	1148	27.06167	-82.31056	27.06212	-82.30993	1.3	>B	991204	1.35
MU-5	061599	0546	27.04889	-82.29361	27.04863	-82.29367	1.4			
MU-5	061599	1206	27.04889	-82.29361	27.04845	-82.29405	1.0	>B	991202	2.00

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH ₄ -N Diss (mg/l)	NO ₂₃ -N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO ₄ -P Diss (mg/l)	Total P (mg/l)	BOD ₅ (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	1.0M	1144	991228	6/16/1999	0.017	U0.005	U0.005	0.24	0.24	0.009	0.38	1.8	9	4.4	9	8.35	5.3	U0.5	37.1
10-2	MID	1030	991219	6/16/1999	0.023	U0.005	U0.005	0.18	0.18	0.010	0.40	1.1	6	3.6	8	8.31	3.3	0.7	37.1
10-2 REP	MID	1040	991221	6/16/1999	0.016	U0.005	U0.005	0.18	0.18	0.010	0.42	1.2	5	3.1	7	8.30	2.6	1.1	NA
10-3	1.0M	1349	991224	6/16/1999	0.014	U0.005	U0.005	0.23	0.23	0.007	0.49	1.8	4	2.4	9	8.37	5.2	1.1	37.2
10-4	1.0M	1325	991227	6/16/1999	0.019	U0.005	U0.005	0.15	0.15	0.010	0.32	1.2	6	2.0	7	8.36	3.0	U0.5	37.3
10-5	1.0M	1305	991222	6/16/1999	0.009	U0.005	U0.005	0.16	0.16	0.011	0.36	1.0	2	1.8	5	8.36	3.5	U0.5	37.4
11-1	1.0M	1125	991225	6/16/1999	0.018	U0.005	U0.005	0.22	0.22	0.011	0.48	1.4	7	3.2	10	8.32	5.3	0.9	36.8
11-2	1.0M	1108	991223	6/16/1999	0.014	U0.005	U0.005	0.24	0.24	0.009	0.32	1.4	7	3.4	8	8.36	4.7	0.8	37.2
11-3	1.0M	1212	991229	6/16/1999	0.011	U0.005	U0.005	0.23	0.23	0.009	0.37	1.2	4	3.2	9	8.37	3.9	0.7	37.3
11-4	1.0M	1229	991220	6/16/1999	0.016	U0.005	U0.005	0.13	0.13	0.010	0.40	0.8	5	1.1	6	8.35	2.5	U0.5	37.4
11-5	1.0M	1246	991226	6/16/1999	0.013	U0.005	U0.005	0.15	0.15	0.011	0.42	1.1	3	0.95	6	8.32	2.0	U0.5	37.4
13-1	MID	1333	991218	6/16/1999	0.031	U0.005	U0.005	0.16	0.16	0.012	0.43	1.0	5	1.7	10	8.29	2.9	U0.5	37.1
13-2	1.0M	1316	991217	6/16/1999	0.020	U0.005	U0.005	0.28	0.28	0.022	0.48	1.6	9	3.5	11	8.24	5.6	1.1	36.0
13-3	1.0M	1251	991213	6/16/1999	0.015	U0.005	U0.005	0.33	0.33	0.032	0.44	1.5	9	5.3	13	8.25	8.4	1.0	35.6
13-4	1.0M	1229	991209	6/16/1999	0.018	U0.005	U0.005	0.34	0.34	0.035	0.43	1.5	9	3.7	13	8.22	6.7	1.8	35.7
13-5	1.0M	1212	991216	6/16/1999	0.032	0.009	0.007	0.35	0.36	0.056	0.45	1.1	2	3.1	14	8.07	7.9	2.1	34.8
14-1	MID	1140	991208	6/16/1999	0.016	U0.005	U0.005	0.47	0.47	0.040	0.49	1.9	11	6.4	24	8.41	9.4	2.2	35.2
14-2	1.0M	1125	991212	6/16/1999	0.017	U0.005	U0.005	0.45	0.45	0.041	0.41	1.4	8	6.4	22	8.18	9.1	1.9	35.3
14-3	MID	1112	991211	6/16/1999	0.017	U0.005	U0.005	0.45	0.45	0.008	0.51	1.4	5	3.6	13	8.32	8.4	1.6	37.4
14-4	MID	1054	991214	6/16/1999	0.027	U0.005	U0.005	0.34	0.34	0.007	0.31	1.6	3	1.7	13	8.27	4.6	0.6	37.5
14-5	MID	1033	991210	6/16/1999	0.026	U0.005	U0.005	0.35	0.35	0.009	0.50	1.7	2	1.7	13	8.17	3.6	0.7	37.4
14-5 REP	MID	1041	991215	6/16/1999	0.024	U0.005	U0.005	0.36	0.36	0.009	0.43	1.3	8	1.4	12	8.19	4.4	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH ₄ -N Diss (mg/l)	NO ₂₃ -N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO ₄ -P Diss (mg/l)	Total P (mg/l)	BOD ₅ (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	1.0M	1341	991233	6/15/1999	0.027	U0.005	U0.005	0.18	0.18	0.009	0.48	1.5	4	1.7	7	8.33	4.9	U0.5	37.2
16-2	MID	1330	991238	6/15/1999	0.015	U0.005	U0.005	0.15	0.15	0.008	0.31	1.2	4	1.9	6	8.36	4.7	U0.5	37.1
16-3	MID	1309	991237	6/15/1999	0.020	U0.005	U0.005	0.24	0.24	0.008	0.36	1.2	3	2.7	10	8.29	3.1	0.5	37.4
16-4	MID	1243	991240	6/15/1999	0.021	U0.005	U0.005	0.20	0.20	0.009	0.53	1.4	7	4.5	9	8.34	5.0	0.5	37.2
16-5	MID	1232	991234	6/15/1999	0.028	U0.005	U0.005	0.23	0.23	0.011	0.48	1.0	3	1.4	6	8.34	3.1	U0.5	37.1
LB-1	1.0M	1145	991239	6/15/1999	0.047	0.022	0.014	0.38	0.39	0.051	0.47	0.8	6	3.6	21	8.07	5.3	1.3	34.5
LB-2	MID	1127	991231	6/15/1999	0.021	0.016	0.013	0.37	0.38	0.059	0.50	1.2	6	3.1	24	8.07	5.2	1.3	35.0
LB-3	MID	1111	991236	6/15/1999	0.016	U0.005	U0.005	0.63	0.63	0.052	0.69	1.9	15	8.7	29	8.19	14.7	5.3	35.8
LB-4	MID	1055	991235	6/15/1999	0.019	U0.005	U0.005	0.59	0.59	0.048	0.54	2.8	10	5.6	27	8.22	15.4	3.6	36.3
LB-5	1.0M	1031	991232	6/15/1999	0.018	U0.005	U0.005	0.35	0.35	0.009	0.29	1.5	6	3.7	12	8.23	6.7	1.9	36.9
LB-5 REP	1.0M	1040	991230	6/15/1999	0.016	U0.005	U0.005	0.34	0.34	0.008	0.32	1.6	8	3.6	12	8.26	6.0	2.0	NA
ML-1	1.0M	1232	991205	6/15/1999	0.017	U0.005	U0.005	0.83	0.83	0.205	0.40	2.9	11	5.9	60	7.87	17.9	6.8	18.5
ML-2	MID	1242	991206	6/15/1999	0.016	U0.005	U0.005	0.82	0.82	0.205	0.41	1.9	12	6.5	80	7.74	17.3	5.2	19.0
ML-3	1.0M	1256	991200	6/15/1999	0.022	U0.005	U0.005	0.80	0.80	0.169	0.52	2.2	10	5.1	55	7.81	16.6	6.3	19.6
ML-4	1.0M	1315	991207	6/15/1999	0.018	U0.005	U0.005	0.82	0.82	0.202	0.41	2.5	19	6.2	55	7.86	13.6	3.8	21.0
ML-5	MID	1334	991198	6/15/1999	0.019	U0.005	U0.005	0.76	0.76	0.191	0.45	2.3	11	5.3	85	8.08	13.0	3.1	22.3
MU-1	1.0M	1010	991197	6/15/1999	0.060	U0.005	U0.005	0.83	0.83	0.289	0.36	1.5	3	2.9	85	7.49	9.7	5.2	4.30
MU-1 REP	1.0M	1018	991199	6/15/1999	0.017	U0.005	U0.005	0.84	0.84	0.227	0.39	1.9	3	3.0	100	7.57	10.9	5.3	NA
MU-2	MID	1050	991201	6/15/1999	0.020	U0.005	U0.005	0.84	0.84	0.269	0.43	1.7	4	3.3	85	7.54	12.3	6.7	6.20
MU-3	1.0M	1129	991203	6/15/1999	0.014	U0.005	U0.005	0.75	0.75	0.236	0.39	1.6	3	2.0	75	7.45	10.0	3.2	12.3
MU-4	MID	1147	991204	6/15/1999	0.020	0.009	0.007	0.70	0.71	0.233	0.32	1.4	U2	1.6	75	7.46	6.0	2.6	13.8
MU-5	MID	1205	991202	6/15/1999	0.027	U0.005	U0.005	0.67	0.67	0.216	0.39	1.5	7	3.4	50	7.58	11.3	3.8	16.7
EQP BLK		1545	991241	6/16/1999	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	4.99	U0.5	U0.5	NA
EQP BLK		1545	991242	6/16/1999	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	4.83	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rainfall		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)
			Begin (EST)	End (EST)	No	Yes	Min (%)	Max				
061599	AM	16	0412	0502	0		10		26.9	Calm	<5	<0.5
061599	PM	16	1232	1341	0		10	- 25		90 - 210	<5 - 5	<0.5
061599	AM	LB	0540	0618	0		10	- 20		Calm	<5	<0.5
061599	PM	LB	1031	1145	0		15	- 20	30.8	120	<5	<0.5
061599	AM	ML	0451	0529	0		0	- 5	27.6	Calm	<5	<0.5
061599	PM	ML	1232	1334	0		40	- 65		000	5 - 10	<0.5
061599	AM	MU	0546	0648	0		5			Calm	<5	<0.5
061599	PM	MU	1030	1206	0		15	- 40	26.8	Calm	<5	<0.5
061699	AM	10	0447	0620	0		50			120	5	<0.5 - 0.5
061699	PM	10	1059	1350	0		65	- 90	30.1	150 - 220	5	<0.5 - 1.0
061699	AM	11	0457	0541	0		50			120	5	<0.5 - 0.5
061699	PM	11	1109	1246	0		75	- 80		150 - 270	5	<0.5 - 1.0
061699	AM	13	0444	0523	0		15	- 40	29.7	120	<5 - 5	<0.5 - 0.5
061699	PM	13	1212	1333	0	- 1	80	- 90		180 - 300	5 - 10	<0.5 - 0.5
061699	AM	14	0529	0615	0		30	- 40		120	5	<0.5 - 0.5
061699	PM	14	1033	1140	0		50	- 90	29.1	190 - 210	5	<0.5

Hydrolab DS3 Continuous Deployment at Station 11-5

June 15-17, 1999

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
11-5	061599	1500	30.38	7.79	54.1	35.9	104.7	6.3
11-5	061599	1515	30.44	7.83	54.1	35.8	109.0	6.6
11-5	061599	1530	30.52	7.84	54.1	35.9	106.9	6.5
11-5	061599	1545	30.56	7.85	54.1	35.8	105.9	6.4
11-5	061599	1600	30.62	7.86	54.1	35.9	107.9	6.5
11-5	061599	1615	30.60	7.86	54.1	35.8	108.1	6.5
11-5	061599	1630	30.60	7.86	54.1	35.8	109.6	6.6
11-5	061599	1645	30.66	7.87	54.1	35.8	109.1	6.6
11-5	061599	1700	30.84	7.89	53.9	35.7	113.7	6.8
11-5	061599	1715	30.90	7.89	53.8	35.6	114.2	6.9
11-5	061599	1730	31.07	7.89	53.7	35.5	117.7	7.1
11-5	061599	1745	31.07	7.89	53.6	35.5	116.4	7.0
11-5	061599	1800	31.07	7.89	53.7	35.5	115.5	6.9
11-5	061599	1815	31.13	7.89	53.6	35.5	115.3	6.9
11-5	061599	1830	31.11	7.89	53.6	35.5	113.5	6.8
11-5	061599	1845	31.11	7.89	53.6	35.5	112.7	6.8
11-5	061599	1900	31.15	7.88	53.5	35.4	111.0	6.7
11-5	061599	1915	31.17	7.88	53.4	35.3	110.1	6.6
11-5	061599	1930	31.19	7.87	53.3	35.2	109.5	6.6
11-5	061599	1945	31.23	7.87	53.2	35.2	108.6	6.5
11-5	061599	2000	31.29	7.86	53.1	35.1	107.1	6.4
11-5	061599	2015	31.31	7.86	53.0	35.0	106.4	6.4
11-5	061599	2030	31.31	7.85	52.9	35.0	105.9	6.4
11-5	061599	2045	31.33	7.85	52.9	34.9	104.9	6.3
11-5	061599	2100	31.35	7.84	52.7	34.8	103.1	6.2
11-5	061599	2115	31.38	7.84	52.7	34.8	101.9	6.1
11-5	061599	2130	31.40	7.83	52.6	34.8	100.4	6.0
11-5	061599	2145	31.40	7.82	52.6	34.7	99.4	6.0
11-5	061599	2200	31.40	7.82	52.4	34.6	95.7	5.7
11-5	061599	2215	31.40	7.81	52.4	34.6	93.4	5.6
11-5	061599	2230	31.38	7.80	52.4	34.6	85.8	5.2
11-5	061599	2245	31.25	7.79	52.8	34.9	80.5	4.8
11-5	061599	2300	31.23	7.81	52.8	34.9	88.6	5.3
11-5	061599	2315	31.21	7.81	52.8	34.9	88.4	5.3

Hydrolab DS3 Continuous Deployment at Station 11-5

June 15-17, 1999

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
11-5	061599	2330	31.11	7.83	53.0	35.1	94.8	5.7
11-5	061599	2345	31.01	7.85	53.2	35.2	98.5	5.9
11-5	061699	0000	30.86	7.85	53.3	35.2	97.2	5.9
11-5	061699	0015	30.74	7.86	53.3	35.2	95.2	5.8
11-5	061699	0030	30.56	7.86	53.3	35.3	96.5	5.9
11-5	061699	0045	30.56	7.87	53.3	35.3	96.5	5.9
11-5	061699	0100	30.44	7.88	53.5	35.4	96.2	5.8
11-5	061699	0115	30.44	7.88	53.5	35.4	96.4	5.9
11-5	061699	0130	30.42	7.88	53.5	35.4	97.1	5.9
11-5	061699	0145	30.36	7.88	53.5	35.4	95.9	5.8
11-5	061699	0200	30.24	7.87	53.6	35.5	94.9	5.8
11-5	061699	0215	30.18	7.87	53.7	35.5	94.0	5.7
11-5	061699	0230	30.09	7.86	53.7	35.6	93.9	5.7
11-5	061699	0245	30.05	7.86	53.7	35.5	93.5	5.7
11-5	061699	0300	29.99	7.86	53.7	35.6	93.1	5.7
11-5	061699	0315	29.91	7.86	53.7	35.5	92.8	5.7
11-5	061699	0330	29.89	7.85	53.8	35.6	91.9	5.6
11-5	061699	0345	29.85	7.85	53.7	35.6	91.5	5.6
11-5	061699	0400	29.81	7.85	53.7	35.6	90.4	5.5
11-5	061699	0415	29.77	7.85	53.8	35.6	89.8	5.5
11-5	061699	0430	29.73	7.85	53.8	35.6	88.6	5.4
11-5	061699	0445	29.71	7.85	53.8	35.6	88.0	5.4
11-5	061699	0500	29.67	7.85	53.7	35.6	87.0	5.3
11-5	061699	0515	29.63	7.85	53.7	35.6	86.1	5.3
11-5	061699	0530	29.63	7.84	53.7	35.6	83.3	5.1
11-5	061699	0545	29.57	7.84	53.8	35.6	87.5	5.4
11-5	061699	0600	29.54	7.84	53.8	35.6	85.2	5.2
11-5	061699	0615	29.52	7.84	53.7	35.6	84.3	5.2
11-5	061699	0630	29.50	7.84	53.7	35.6	82.6	5.1
11-5	061699	0645	29.50	7.84	53.7	35.5	80.4	5.0
11-5	061699	0700	29.52	7.84	53.7	35.5	75.9	4.7
11-5	061699	0715	29.56	7.83	53.6	35.5	82.2	5.1
11-5	061699	0730	29.56	7.83	53.6	35.5	79.6	4.9
11-5	061699	0745	29.59	7.84	53.6	35.5	78.5	4.8
11-5	061699	0800	29.63	7.84	53.5	35.4	81.3	5.0

Hydrolab DS3 Continuous Deployment at Station 11-5

June 15-17, 1999

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
11-5	061699	0815	29.65	7.84	53.5	35.4	81.9	5.0
11-5	061699	0830	29.73	7.85	53.4	35.4	83.2	5.1
11-5	061699	0845	29.73	7.84	53.5	35.4	85.1	5.2
11-5	061699	0900	29.69	7.84	53.5	35.4	84.8	5.2
11-5	061699	0915	29.69	7.84	53.5	35.4	84.1	5.2
11-5	061699	0930	29.67	7.85	53.5	35.4	87.5	5.4
11-5	061699	0945	29.61	7.84	53.6	35.5	85.9	5.3
11-5	061699	1000	29.69	7.86	53.7	35.5	91.3	5.6
11-5	061699	1015	29.75	7.86	53.6	35.5	90.9	5.6
11-5	061699	1030	29.73	7.86	53.7	35.5	91.4	5.6
11-5	061699	1045	29.69	7.86	53.7	35.6	93.5	5.7
11-5	061699	1100	29.69	7.86	53.7	35.5	92.8	5.7
11-5	061699	1115	29.75	7.86	53.7	35.6	93.6	5.7
11-5	061699	1130	29.77	7.86	53.6	35.5	93.4	5.7
11-5	061699	1145	29.75	7.87	53.7	35.6	95.8	5.9
11-5	061699	1200	29.79	7.88	53.7	35.6	98.0	6.0
11-5	061699	1215	29.83	7.88	53.7	35.5	99.6	6.1
11-5	061699	1230	29.89	7.88	53.7	35.5	100.4	6.1
11-5	061699	1245	29.93	7.89	53.6	35.5	101.5	6.2
11-5	061699	1300	29.97	7.89	53.7	35.5	103.7	6.3
11-5	061699	1315	30.07	7.89	53.6	35.5	104.0	6.4
11-5	061699	1330	30.09	7.89	53.6	35.5	103.6	6.3
11-5	061699	1345	30.11	7.89	53.6	35.5	104.2	6.4
11-5	061699	1400	30.09	7.89	53.6	35.5	104.2	6.4
11-5	061699	1415	30.11	7.90	53.6	35.5	105.0	6.4
11-5	061699	1430	30.11	7.90	53.6	35.5	104.4	6.4
11-5	061699	1445	30.18	7.90	53.6	35.5	106.0	6.5
11-5	061699	1500	30.20	7.90	53.6	35.5	105.8	6.4
11-5	061699	1515	30.22	7.90	53.6	35.5	105.6	6.4
11-5	061699	1530	30.24	7.90	53.6	35.5	103.0	6.3
11-5	061699	1545	30.26	7.91	53.6	35.5	105.5	6.4
11-5	061699	1600	30.26	7.91	53.6	35.5	105.2	6.4
11-5	061699	1615	30.26	7.91	53.6	35.5	105.7	6.4
11-5	061699	1630	30.26	7.91	53.6	35.5	107.6	6.6
11-5	061699	1645	30.28	7.91	53.6	35.5	108.0	6.6

Hydrolab DS3 Continuous Deployment at Station 11-5
June 15-17, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
11-5	061699	1700	30.28	7.91	53.6	35.5	106.8	6.5
11-5	061699	1715	30.28	7.90	53.6	35.5	105.6	6.4
11-5	061699	1730	30.38	7.90	53.5	35.4	104.9	6.4
11-5	061699	1745	30.48	7.90	53.3	35.3	105.6	6.4
11-5	061699	1800	30.56	7.89	53.2	35.2	105.1	6.4
11-5	061699	1815	30.60	7.89	53.1	35.1	104.5	6.3
11-5	061699	1830	30.54	7.88	53.2	35.2	101.4	6.2
11-5	061699	1845	30.62	7.88	53.0	35.1	101.5	6.2
11-5	061699	1900	30.70	7.88	52.9	35.0	103.7	6.3
11-5	061699	1915	30.72	7.87	52.9	34.9	102.6	6.2
11-5	061699	1930	30.72	7.87	52.9	34.9	100.2	6.1
11-5	061699	1945	30.72	7.86	52.8	34.9	99.1	6.0
11-5	061699	2000	30.74	7.86	52.6	34.8	101.0	6.1
11-5	061699	2015	30.76	7.86	52.6	34.7	99.5	6.0
11-5	061699	2030	30.76	7.85	52.4	34.6	98.6	6.0
11-5	061699	2045	30.74	7.84	52.4	34.6	96.5	5.9
11-5	061699	2100	30.82	7.82	52.1	34.4	94.2	5.7
11-5	061699	2115	30.80	7.81	52.1	34.3	92.7	5.6
11-5	061699	2130	30.80	7.80	52.0	34.3	90.7	5.5
11-5	061699	2145	30.74	7.80	52.0	34.3	87.0	5.3
11-5	061699	2200	30.72	7.80	52.0	34.3	86.2	5.2
11-5	061699	2215	30.70	7.80	52.0	34.3	83.5	5.1
11-5	061699	2230	30.72	7.79	52.0	34.3	81.7	5.0
11-5	061699	2245	30.72	7.78	51.9	34.2	77.7	4.7
11-5	061699	2300	30.70	7.77	51.9	34.2	72.2	4.4
11-5	061699	2315	30.70	7.76	51.9	34.2	75.9	4.6
11-5	061699	2330	30.74	7.77	51.8	34.2	76.3	4.6
11-5	061699	2345	30.74	7.76	51.8	34.2	75.1	4.6
11-5	061799	0000	30.66	7.77	52.2	34.4	77.1	4.7
11-5	061799	0015	30.46	7.80	52.7	34.8	77.7	4.7
11-5	061799	0030	30.36	7.82	52.7	34.8	83.6	5.1
11-5	061799	0045	30.13	7.86	53.1	35.1	88.0	5.4
11-5	061799	0100	30.11	7.87	53.0	35.1	89.9	5.5
11-5	061799	0115	30.11	7.87	53.0	35.1	90.9	5.6
11-5	061799	0130	30.09	7.88	53.2	35.2	90.2	5.5

Hydrolab DS3 Continuous Deployment at Station 11-5
June 15-17, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
11-5	061799	0145	30.05	7.88	53.2	35.2	91.4	5.6
11-5	061799	0200	30.09	7.87	53.1	35.1	90.4	5.5
11-5	061799	0215	30.05	7.87	53.1	35.1	91.5	5.6
11-5	061799	0230	29.79	7.87	53.3	35.2	88.9	5.5
11-5	061799	0245	29.75	7.87	53.2	35.2	87.3	5.4
11-5	061799	0300	29.71	7.87	53.3	35.2	87.5	5.4
11-5	061799	0315	29.65	7.86	53.3	35.2	88.5	5.5
11-5	061799	0330	29.61	7.86	53.3	35.3	88.1	5.4
11-5	061799	0345	29.57	7.86	53.3	35.3	87.1	5.4
11-5	061799	0400	29.54	7.86	53.4	35.3	87.2	5.4
11-5	061799	0415	29.52	7.86	53.3	35.2	85.9	5.3
11-5	061799	0430	29.48	7.86	53.3	35.3	85.7	5.3
11-5	061799	0445	29.46	7.86	53.4	35.3	85.2	5.3
11-5	061799	0500	29.44	7.86	53.4	35.3	83.0	5.1
11-5	061799	0515	29.42	7.85	53.4	35.3	82.2	5.1
11-5	061799	0530	29.40	7.85	53.4	35.3	83.8	5.2
11-5	061799	0545	29.38	7.85	53.4	35.3	82.1	5.1
11-5	061799	0600	29.36	7.85	53.4	35.3	80.6	5.0
11-5	061799	0615	29.34	7.85	53.4	35.3	78.7	4.9
11-5	061799	0630	29.36	7.85	53.4	35.3	77.6	4.8
11-5	061799	0645	29.36	7.85	53.4	35.3	78.3	4.8
11-5	061799	0700	29.34	7.84	53.4	35.3	78.6	4.9
11-5	061799	0715	29.30	7.85	53.3	35.3	78.9	4.9
11-5	061799	0730	29.32	7.84	53.3	35.2	73.8	4.6
11-5	061799	0745	29.36	7.84	53.4	35.3	72.5	4.5
11-5	061799	0800	29.36	7.84	53.4	35.3	73.3	4.5
11-5	061799	0815	29.36	7.84	53.3	35.3	76.7	4.7
11-5	061799	0830	29.36	7.84	53.3	35.3	74.3	4.6
11-5	061799	0845	29.38	7.84	53.3	35.3	78.2	4.8
11-5	061799	0900	29.36	7.85	53.2	35.2	79.7	4.9
11-5	061799	0915	29.38	7.85	53.2	35.2	81.2	5.0
11-5	061799	0930	29.42	7.85	53.2	35.2	79.8	4.9
11-5	061799	0945	29.48	7.85	53.2	35.2	77.3	4.8
11-5	061799	1000	29.50	7.85	53.2	35.2	81.3	5.0
11-5	061799	1015	29.52	7.86	53.1	35.1	85.2	5.3

Hydrolab DS3 Continuous Deployment at Station 11-5

June 15-17, 1999

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
11-5	061799	1030	29.52	7.86	53.1	35.1	86.8	5.4

Hydrolab DS3 Continuous Deployment at Station 10-2
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Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
10-2	061599	1515	30.89	8.04	52.8	34.9	122.1	7.4
10-2	061599	1530	30.88	8.07	52.8	34.9	122.8	7.4
10-2	061599	1545	30.80	8.07	52.8	34.9	120.1	7.3
10-2	061599	1600	30.72	8.08	52.8	34.9	120.8	7.3
10-2	061599	1615	30.50	8.10	52.7	34.8	118.1	7.2
10-2	061599	1630	30.39	8.10	52.7	34.8	115.6	7.0
10-2	061599	1645	30.40	8.09	52.8	34.9	114.8	7.0
10-2	061599	1700	30.45	8.09	52.8	34.9	114.7	7.0
10-2	061599	1715	30.45	8.10	52.8	34.9	114.8	7.0
10-2	061599	1730	30.45	8.10	52.7	34.8	113.7	6.9
10-2	061599	1745	30.48	8.10	52.7	34.8	114.9	7.0
10-2	061599	1800	30.49	8.10	52.6	34.7	115.0	7.0
10-2	061599	1815	30.50	8.10	52.6	34.7	113.6	6.9
10-2	061599	1830	30.51	8.10	52.6	34.7	113.2	6.9
10-2	061599	1845	30.48	8.10	52.5	34.7	112.7	6.9
10-2	061599	1900	30.46	8.10	52.5	34.7	111.1	6.8
10-2	061599	1915	30.45	8.10	52.5	34.6	111.0	6.8
10-2	061599	1930	30.45	8.09	52.4	34.6	109.4	6.7
10-2	061599	1945	30.44	8.09	52.4	34.6	108.4	6.6
10-2	061599	2000	30.44	8.09	52.4	34.6	108.0	6.6
10-2	061599	2015	30.44	8.09	52.5	34.6	105.9	6.5
10-2	061599	2030	30.42	8.09	52.4	34.6	105.9	6.5
10-2	061599	2045	30.40	8.09	52.4	34.6	105.6	6.4
10-2	061599	2100	30.36	8.09	52.4	34.6	103.5	6.3
10-2	061599	2115	30.35	8.08	52.4	34.6	101.7	6.2
10-2	061599	2130	30.32	8.08	52.4	34.6	101.3	6.2
10-2	061599	2145	30.30	8.08	52.4	34.6	100.7	6.2
10-2	061599	2200	30.26	8.08	52.5	34.6	98.3	6.0
10-2	061599	2215	30.21	8.07	52.5	34.6	97.3	6.0
10-2	061599	2230	30.14	8.07	52.5	34.7	97.4	6.0
10-2	061599	2245	30.05	8.06	52.5	34.7	94.2	5.8
10-2	061599	2300	30.01	8.06	52.6	34.7	93.6	5.7
10-2	061599	2315	29.98	8.06	52.6	34.7	94.1	5.8
10-2	061599	2330	29.89	8.06	52.6	34.8	90.5	5.6

Hydrolab DS3 Continuous Deployment at Station 10-2
June 15-17, 1999
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Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
10-2	061599	2345	29.82	8.04	52.7	34.8	86.1	5.3
10-2	061699	0000	29.75	8.03	52.7	34.8	77.6	4.8
10-2	061699	0015	29.74	8.03	52.7	34.8	78.7	4.9
10-2	061699	0030	29.68	8.02	52.6	34.8	74.8	4.6
10-2	061699	0045	29.63	8.02	52.6	34.8	73.0	4.5
10-2	061699	0100	29.60	8.02	52.7	34.8	73.1	4.5
10-2	061699	0115	29.66	8.03	52.7	34.8	79.5	4.9
10-2	061699	0130	29.73	8.05	52.7	34.8	80.6	5.0
10-2	061699	0145	29.80	8.05	52.7	34.8	82.5	5.1
10-2	061699	0200	29.83	8.05	52.7	34.8	82.5	5.1
10-2	061699	0215	29.81	8.05	52.7	34.8	80.4	5.0
10-2	061699	0230	29.82	8.05	52.7	34.8	83.7	5.2
10-2	061699	0245	29.80	8.05	52.7	34.8	81.3	5.0
10-2	061699	0300	29.82	8.04	52.7	34.8	80.4	5.0
10-2	061699	0315	29.83	8.04	52.7	34.8	81.1	5.0
10-2	061699	0330	29.78	8.04	52.7	34.8	76.7	4.7
10-2	061699	0345	29.76	8.04	52.7	34.8	74.3	4.6
10-2	061699	0400	29.70	8.04	52.8	34.9	77.9	4.8
10-2	061699	0415	29.70	8.04	52.7	34.8	77.4	4.8
10-2	061699	0430	29.73	8.04	52.7	34.8	78.6	4.8
10-2	061699	0445	29.73	8.04	52.7	34.8	75.0	4.6
10-2	061699	0500	29.72	8.04	52.7	34.8	76.9	4.7
10-2	061699	0515	29.72	8.04	52.7	34.8	76.3	4.7
10-2	061699	0530	29.72	8.04	52.7	34.8	79.0	4.9
10-2	061699	0545	29.75	8.05	52.7	34.8	80.6	5.0
10-2	061699	0600	29.70	8.05	52.7	34.8	79.7	4.9
10-2	061699	0615	29.65	8.04	52.7	34.8	78.3	4.8
10-2	061699	0630	29.60	8.05	52.7	34.8	81.2	5.0
10-2	061699	0645	29.57	8.04	52.7	34.8	81.0	5.0
10-2	061699	0700	29.55	8.04	52.7	34.8	80.2	5.0
10-2	061699	0715	29.60	8.04	52.7	34.8	80.0	4.9
10-2	061699	0730	29.64	8.04	52.8	34.9	82.3	5.1
10-2	061699	0745	29.84	8.06	52.8	34.9	88.1	5.4
10-2	061699	0800	29.85	8.06	52.8	34.9	88.6	5.5

Hydrolab DS3 Continuous Deployment at Station 10-2
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Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
10-2	061699	0815	29.77	8.05	52.8	34.9	88.0	5.4
10-2	061699	0830	29.75	8.05	52.7	34.8	86.2	5.3
10-2	061699	0845	29.77	8.05	52.7	34.8	87.4	5.4
10-2	061699	0900	29.77	8.05	52.7	34.8	85.8	5.3
10-2	061699	0915	29.77	8.05	52.7	34.8	86.8	5.4
10-2	061699	0930	29.88	8.04	52.8	34.9	83.9	5.2
10-2	061699	0945	29.98	8.05	52.8	34.9	87.0	5.3
10-2	061699	1000	30.05	8.05	52.8	34.9	89.3	5.5
10-2	061699	1015	30.27	8.07	52.8	34.9	94.5	5.8
10-2	061699	1030	30.41	8.07	52.7	34.8	98.5	6.0
10-2	061699	1045	30.50	8.08	52.7	34.8	98.6	6.0
10-2	061699	1100	30.58	8.08	52.7	34.8	99.4	6.0
10-2	061699	1115	30.69	8.08	52.7	34.8	102.0	6.2
10-2	061699	1130	30.79	8.08	52.6	34.8	100.1	6.1
10-2	061699	1145	30.87	8.09	52.6	34.8	104.4	6.3
10-2	061699	1200	30.91	8.09	52.6	34.8	108.4	6.6
10-2	061699	1215	31.00	8.10	52.6	34.7	108.3	6.5
10-2	061699	1230	31.03	8.10	52.5	34.6	112.3	6.8
10-2	061699	1245	31.06	8.10	52.5	34.6	110.6	6.7
10-2	061699	1300	31.11	8.11	52.4	34.6	111.3	6.7
10-2	061699	1315	31.13	8.11	52.5	34.6	112.6	6.8
10-2	061699	1330	31.11	8.11	52.4	34.6	115.1	6.9
10-2	061699	1345	31.12	8.11	52.5	34.6	113.2	6.8
10-2	061699	1400	31.08	8.11	52.4	34.6	110.9	6.7
10-2	061699	1415	31.06	8.11	52.5	34.6	115.4	7.0
10-2	061699	1430	31.06	8.11	52.5	34.6	112.1	6.8
10-2	061699	1445	31.05	8.10	52.5	34.6	110.6	6.7
10-2	061699	1500	31.05	8.11	52.5	34.6	113.8	6.9
10-2	061699	1515	30.97	8.11	52.5	34.6	112.8	6.8
10-2	061699	1530	31.00	8.11	52.5	34.6	112.3	6.8
10-2	061699	1545	31.01	8.13	52.5	34.7	117.8	7.1
10-2	061699	1600	31.05	8.14	52.5	34.7	120.4	7.3
10-2	061699	1615	31.11	8.16	52.5	34.6	128.4	7.7
10-2	061699	1630	31.13	8.14	52.5	34.6	121.5	7.3

Hydrolab DS3 Continuous Deployment at Station 10-2
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Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
10-2	061699	1645	31.20	8.13	52.5	34.6	121.2	7.3
10-2	061699	1700	31.02	8.13	52.5	34.6	119.1	7.2
10-2	061699	1715	30.83	8.12	52.5	34.6	116.9	7.1
10-2	061699	1730	30.72	8.12	52.5	34.6	114.3	6.9
10-2	061699	1745	30.59	8.12	52.4	34.6	111.9	6.8
10-2	061699	1800	30.51	8.11	52.4	34.6	110.2	6.7
10-2	061699	1815	30.50	8.11	52.4	34.6	109.7	6.7
10-2	061699	1830	30.49	8.11	52.4	34.6	108.6	6.6
10-2	061699	1845	30.47	8.11	52.4	34.6	107.7	6.6
10-2	061699	1900	30.45	8.10	52.4	34.6	106.4	6.5
10-2	061699	1915	30.44	8.10	52.4	34.6	105.6	6.4
10-2	061699	1930	30.43	8.10	52.4	34.6	105.3	6.4
10-2	061699	1945	30.41	8.10	52.3	34.5	104.6	6.4
10-2	061699	2000	30.40	8.10	52.3	34.5	101.7	6.2
10-2	061699	2015	30.37	8.10	52.3	34.5	100.6	6.2
10-2	061699	2030	30.32	8.09	52.3	34.5	99.4	6.1
10-2	061699	2045	30.29	8.09	52.2	34.5	98.8	6.0
10-2	061699	2100	30.29	8.09	52.2	34.5	98.7	6.0
10-2	061699	2115	30.28	8.08	52.2	34.5	98.2	6.0
10-2	061699	2130	30.26	8.08	52.2	34.4	98.4	6.0
10-2	061699	2145	30.25	8.08	52.2	34.4	97.3	6.0
10-2	061699	2200	30.23	8.08	52.1	34.4	96.8	5.9
10-2	061699	2215	30.21	8.08	52.2	34.4	93.4	5.7
10-2	061699	2230	30.16	8.07	52.2	34.4	91.6	5.6
10-2	061699	2245	30.08	8.07	52.2	34.4	89.7	5.5
10-2	061699	2300	30.00	8.07	52.2	34.5	92.9	5.7
10-2	061699	2315	29.89	8.06	52.3	34.5	88.7	5.5
10-2	061699	2330	29.82	8.06	52.3	34.5	86.9	5.4
10-2	061699	2345	29.73	8.06	52.3	34.5	85.5	5.3
10-2	061799	0000	29.65	8.06	52.3	34.6	83.1	5.1
10-2	061799	0015	29.57	8.05	52.4	34.6	80.9	5.0
10-2	061799	0030	29.52	8.04	52.4	34.6	76.2	4.7
10-2	061799	0045	29.48	8.03	52.4	34.6	74.9	4.6
10-2	061799	0100	29.39	8.02	52.4	34.6	72.4	4.5

Hydrolab DS3 Continuous Deployment at Station 10-2
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Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
10-2	061799	0115	29.41	8.03	52.4	34.6	75.1	4.7
10-2	061799	0130	29.43	8.03	52.4	34.6	77.0	4.8
10-2	061799	0145	29.50	8.04	52.4	34.6	77.6	4.8
10-2	061799	0200	29.60	8.04	52.3	34.5	78.3	4.9
10-2	061799	0215	29.62	8.04	52.3	34.5	79.5	4.9
10-2	061799	0230	29.74	8.05	52.3	34.5	81.7	5.0
10-2	061799	0245	29.82	8.05	52.3	34.5	82.6	5.1
10-2	061799	0300	29.77	8.04	52.3	34.5	80.0	4.9
10-2	061799	0315	29.75	8.04	52.3	34.5	81.0	5.0
10-2	061799	0330	29.70	8.04	52.3	34.5	80.5	5.0
10-2	061799	0345	29.64	8.04	52.3	34.5	76.2	4.7
10-2	061799	0400	29.67	8.03	52.3	34.5	68.4	4.2
10-2	061799	0415	29.69	8.03	52.3	34.5	71.2	4.4
10-2	061799	0430	29.71	8.03	52.3	34.5	71.5	4.4
10-2	061799	0445	29.78	8.03	52.3	34.5	74.4	4.6
10-2	061799	0500	29.80	8.04	52.3	34.5	76.8	4.7
10-2	061799	0515	29.78	8.04	52.3	34.5	79.5	4.9
10-2	061799	0530	29.77	8.04	52.3	34.5	75.7	4.7
10-2	061799	0545	29.75	8.04	52.3	34.5	77.7	4.8
10-2	061799	0600	29.73	8.04	52.3	34.5	78.2	4.8
10-2	061799	0615	29.74	8.04	52.3	34.5	76.4	4.7
10-2	061799	0630	29.71	8.04	52.3	34.5	76.6	4.7
10-2	061799	0645	29.65	8.03	52.3	34.5	72.8	4.5
10-2	061799	0700	29.61	8.03	52.3	34.5	74.2	4.6
10-2	061799	0715	29.55	8.03	52.3	34.5	77.5	4.8
10-2	061799	0730	29.45	8.03	52.3	34.6	75.0	4.7
10-2	061799	0745	29.44	8.03	52.3	34.5	74.3	4.6
10-2	061799	0800	29.43	8.03	52.3	34.6	75.8	4.7
10-2	061799	0815	29.43	8.04	52.3	34.5	78.8	4.9
10-2	061799	0830	29.45	8.03	52.3	34.5	75.4	4.7
10-2	061799	0845	29.48	8.04	52.3	34.5	78.3	4.9
10-2	061799	0900	29.46	8.03	52.3	34.5	77.3	4.8
10-2	061799	0915	29.48	8.04	52.3	34.5	79.9	5.0
10-2	061799	0930	29.51	8.04	52.3	34.5	79.9	5.0

Hydrolab DS3 Continuous Deployment at Station 10-2

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Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
10-2	061799	0945	29.56	8.04	52.3	34.5	81.2	5.0
10-2	061799	1000	29.61	8.04	52.3	34.6	81.3	5.0
10-2	061799	1015	29.69	8.04	52.4	34.6	81.1	5.0
10-2	061799	1030	29.78	8.04	52.3	34.6	82.3	5.1
10-2	061799	1045	29.86	8.04	52.3	34.5	83.7	5.2

Hydrolab DS3 Continuous Deployment at Station 13-1
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Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
13-1	061599	1445	31.58	8.08	52.8	34.9	122.6	7.3
13-1	061599	1500	31.58	8.10	52.8	34.9	122.1	7.3
13-1	061599	1515	31.41	8.11	52.9	35.0	122.0	7.3
13-1	061599	1530	31.33	8.11	53.0	35.0	121.5	7.3
13-1	061599	1545	31.37	8.11	53.0	35.0	120.6	7.2
13-1	061599	1600	31.44	8.11	52.9	35.0	120.3	7.2
13-1	061599	1615	31.52	8.11	52.9	35.0	119.0	7.1
13-1	061599	1630	31.50	8.10	52.8	34.9	117.1	7.0
13-1	061599	1645	31.50	8.09	52.7	34.8	110.8	6.6
13-1	061599	1700	31.48	8.09	52.7	34.8	111.9	6.7
13-1	061599	1715	31.50	8.09	52.7	34.8	106.9	6.4
13-1	061599	1730	31.46	8.08	52.7	34.8	110.3	6.6
13-1	061599	1745	31.39	8.08	52.8	34.9	101.9	6.1
13-1	061599	1800	31.35	8.07	52.8	34.9	101.1	6.1
13-1	061599	1815	31.33	8.07	52.7	34.8	101.3	6.1
13-1	061599	1830	31.35	8.06	52.7	34.8	101.7	6.1
13-1	061599	1845	31.33	8.06	52.6	34.7	101.0	6.1
13-1	061599	1900	31.29	8.04	52.5	34.7	88.9	5.3
13-1	061599	1915	31.23	8.03	52.5	34.7	87.4	5.3
13-1	061599	1930	31.11	8.02	52.5	34.7	83.1	5.0
13-1	061599	1945	30.98	7.99	52.5	34.7	74.8	4.5
13-1	061599	2000	30.90	7.96	52.5	34.7	63.3	3.8
13-1	061599	2015	30.74	7.93	52.5	34.7	56.5	3.4
13-1	061599	2030	30.64	7.90	52.5	34.7	51.1	3.1
13-1	061599	2045	30.51	7.86	52.5	34.7	43.1	2.6
13-1	061599	2100	30.39	7.82	52.6	34.7	30.8	1.9
13-1	061599	2115	30.27	7.78	52.6	34.7	26.3	1.6
13-1	061599	2130	30.13	7.76	52.5	34.7	20.8	1.3
13-1	061599	2145	30.03	7.74	52.6	34.7	17.7	1.1
13-1	061599	2200	29.89	7.73	52.6	34.7	17.0	1.1
13-1	061599	2215	29.83	7.74	52.6	34.8	16.7	1.0
13-1	061599	2230	29.73	7.77	52.6	34.7	27.2	1.7
13-1	061599	2245	29.87	7.81	52.4	34.6	29.6	1.8
13-1	061599	2300	29.99	7.84	52.2	34.5	34.4	2.1

Hydrolab DS3 Continuous Deployment at Station 13-1
June 15-17, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
13-1	061599	2315	30.05	7.83	52.2	34.4	31.8	2.0
13-1	061599	2330	30.11	7.82	52.1	34.3	31.8	2.0
13-1	061599	2345	30.17	7.81	52.0	34.3	29.6	1.8
13-1	061699	0000	30.17	7.80	51.9	34.3	29.1	1.8
13-1	061699	0015	30.25	7.79	51.9	34.2	27.5	1.7
13-1	061699	0030	30.29	7.76	51.9	34.2	23.3	1.4
13-1	061699	0045	30.39	7.76	51.7	34.1	24.2	1.5
13-1	061699	0100	30.47	7.74	51.6	34.0	22.9	1.4
13-1	061699	0115	30.70	7.89	51.6	34.0	53.3	3.3
13-1	061699	0130	30.72	7.95	51.8	34.2	72.1	4.4
13-1	061699	0145	30.78	7.95	51.9	34.2	68.6	4.2
13-1	061699	0200	30.74	7.97	52.0	34.3	73.9	4.5
13-1	061699	0215	30.68	7.98	52.3	34.5	70.7	4.3
13-1	061699	0230	30.66	7.98	52.4	34.6	69.2	4.2
13-1	061699	0245	30.66	7.97	52.4	34.6	69.5	4.2
13-1	061699	0300	30.66	7.96	52.4	34.6	71.0	4.3
13-1	061699	0315	30.62	7.97	52.4	34.6	69.1	4.2
13-1	061699	0330	30.60	7.96	52.4	34.6	66.8	4.1
13-1	061699	0345	30.58	7.97	52.4	34.6	64.7	3.9
13-1	061699	0400	30.55	7.96	52.5	34.7	62.3	3.8
13-1	061699	0415	30.51	7.96	52.5	34.7	66.0	4.0
13-1	061699	0430	30.47	7.97	52.5	34.7	61.3	3.7
13-1	061699	0445	30.39	7.97	52.6	34.7	63.4	3.9
13-1	061699	0500	30.35	7.97	52.6	34.7	59.4	3.6
13-1	061699	0515	30.31	7.97	52.7	34.8	62.3	3.8
13-1	061699	0530	30.23	7.95	52.6	34.7	53.8	3.3
13-1	061699	0545	30.11	7.92	52.7	34.8	48.7	3.0
13-1	061699	0600	29.99	7.89	52.8	34.9	43.1	2.6
13-1	061699	0615	30.01	7.89	52.6	34.8	38.7	2.4
13-1	061699	0630	29.85	7.87	52.7	34.8	41.2	2.5
13-1	061699	0645	29.83	7.86	52.6	34.8	37.8	2.3
13-1	061699	0700	29.89	7.79	52.6	34.7	34.0	2.1
13-1	061699	0715	29.93	7.80	52.6	34.7	35.2	2.2
13-1	061699	0730	29.95	7.87	52.5	34.6	47.2	2.9

Hydrolab DS3 Continuous Deployment at Station 13-1
June 15-17, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
13-1	061699	0745	29.87	7.80	52.5	34.7	44.2	2.7
13-1	061699	0800	29.97	7.78	52.5	34.6	48.2	3.0
13-1	061699	0815	30.05	7.83	52.5	34.7	49.4	3.0
13-1	061699	0830	30.09	7.88	52.5	34.6	53.8	3.3
13-1	061699	0845	30.11	7.92	52.5	34.6	57.8	3.6
13-1	061699	0900	30.25	7.98	52.5	34.7	72.5	4.4
13-1	061699	0915	30.37	7.93	52.5	34.7	72.4	4.4
13-1	061699	0930	30.47	7.95	52.5	34.7	75.6	4.6
13-1	061699	0945	30.43	7.95	52.5	34.7	77.4	4.7
13-1	061699	1000	30.43	7.94	52.8	34.9	83.1	5.1
13-1	061699	1015	30.35	7.99	53.0	35.1	81.5	5.0
13-1	061699	1030	30.29	8.02	53.1	35.1	84.0	5.1
13-1	061699	1045	30.23	8.01	53.2	35.2	81.6	5.0
13-1	061699	1100	30.25	7.99	53.2	35.2	84.4	5.1
13-1	061699	1115	30.25	7.99	53.2	35.2	85.8	5.2
13-1	061699	1130	30.29	7.99	53.2	35.2	86.6	5.3
13-1	061699	1145	30.33	8.05	53.2	35.2	91.8	5.6
13-1	061699	1200	30.41	8.06	53.2	35.2	90.5	5.5
13-1	061699	1215	30.43	8.05	53.2	35.2	91.4	5.6
13-1	061699	1230	30.43	8.03	53.3	35.2	87.5	5.3
13-1	061699	1245	30.43	8.05	53.3	35.3	88.8	5.4
13-1	061699	1300	30.41	8.05	53.4	35.3	88.2	5.4
13-1	061699	1315	30.45	8.06	53.5	35.4	96.3	5.8
13-1	061699	1330	30.41	8.04	53.5	35.4	91.0	5.5
13-1	061699	1345	30.35	8.05	53.5	35.4	91.1	5.5
13-1	061699	1400	30.33	8.05	53.5	35.4	89.0	5.4
13-1	061699	1415	30.39	7.94	53.4	35.4	87.3	5.3
13-1	061699	1430	30.45	8.05	53.4	35.3	85.5	5.2
13-1	061699	1445	30.66	8.01	53.3	35.3	90.9	5.5
13-1	061699	1500	30.82	8.07	53.3	35.2	98.9	6.0
13-1	061699	1515	30.96	8.00	53.3	35.2	96.0	5.8
13-1	061699	1530	31.04	8.05	53.0	35.1	104.6	6.3
13-1	061699	1545	30.98	8.05	53.0	35.0	99.3	6.0
13-1	061699	1600	31.00	8.06	53.0	35.0	98.8	6.0

Hydrolab DS3 Continuous Deployment at Station 13-1
June 15-17, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
13-1	061699	1615	30.96	7.99	53.1	35.1	96.7	5.8
13-1	061699	1630	31.04	7.97	53.0	35.1	98.1	5.9
13-1	061699	1645	31.09	7.96	53.0	35.1	97.2	5.9
13-1	061699	1700	31.06	7.95	53.0	35.1	94.5	5.7
13-1	061699	1715	31.00	7.99	53.0	35.0	93.0	5.6
13-1	061699	1730	30.96	8.02	52.9	35.0	96.6	5.8
13-1	061699	1745	30.96	8.04	52.9	35.0	89.8	5.4
13-1	061699	1800	30.94	8.01	52.9	34.9	83.1	5.0
13-1	061699	1815	30.94	8.04	52.9	34.9	83.7	5.1
13-1	061699	1830	30.94	8.03	52.9	34.9	79.8	4.8
13-1	061699	1845	30.92	8.00	52.8	34.9	74.0	4.5
13-1	061699	1900	30.86	8.01	52.8	34.9	76.4	4.6
13-1	061699	1915	30.78	8.01	52.8	34.9	72.2	4.4
13-1	061699	1930	30.74	7.98	52.7	34.8	69.2	4.2
13-1	061699	1945	30.60	7.98	52.6	34.8	72.6	4.4
13-1	061699	2000	30.49	7.96	52.5	34.7	65.1	4.0
13-1	061699	2015	30.43	7.94	52.5	34.7	59.5	3.6
13-1	061699	2030	30.31	7.90	52.5	34.7	49.8	3.0
13-1	061699	2045	30.25	7.88	52.5	34.7	38.8	2.4
13-1	061699	2100	30.17	7.85	52.6	34.7	31.9	2.0
13-1	061699	2115	30.03	7.82	52.6	34.7	26.6	1.6
13-1	061699	2130	29.87	7.79	52.6	34.7	24.3	1.5
13-1	061699	2145	29.59	7.77	52.7	34.8	20.1	1.2
13-1	061699	2200	29.55	7.74	52.7	34.8	17.6	1.1
13-1	061699	2215	29.39	7.74	52.7	34.8	13.1	0.8
13-1	061699	2230	29.27	7.72	52.8	34.9	12.4	0.8
13-1	061699	2245	29.17	7.73	52.8	34.9	13.2	0.8
13-1	061699	2300	29.17	7.71	52.8	34.9	10.0	0.6
13-1	061699	2315	29.21	7.71	52.8	34.9	7.8	0.5
13-1	061699	2330	29.31	7.69	52.8	34.9	6.0	0.4
13-1	061699	2345	29.41	7.67	52.7	34.8	3.6	0.2
13-1	061799	0000	29.45	7.68	52.7	34.8	7.3	0.5
13-1	061799	0015	29.61	7.68	52.5	34.7	4.4	0.3
13-1	061799	0030	29.65	7.68	52.6	34.7	5.3	0.3

Hydrolab DS3 Continuous Deployment at Station 13-1
June 15-17, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
13-1	061799	0045	29.71	7.68	52.4	34.6	6.9	0.4
13-1	061799	0100	29.81	7.70	52.3	34.6	11.2	0.7
13-1	061799	0115	29.41	7.77	52.3	34.5	26.5	1.7
13-1	061799	0130	29.33	7.81	52.0	34.3	41.3	2.6
13-1	061799	0145	29.29	7.77	52.0	34.3	29.1	1.8
13-1	061799	0200	29.77	7.86	52.0	34.3	48.8	3.0
13-1	061799	0215	30.07	7.93	52.3	34.5	61.6	3.8
13-1	061799	0230	30.11	7.96	52.3	34.5	65.4	4.0
13-1	061799	0245	30.11	7.96	52.5	34.6	62.0	3.8
13-1	061799	0300	30.09	7.96	52.5	34.7	61.9	3.8
13-1	061799	0315	30.11	7.96	52.6	34.7	62.3	3.8
13-1	061799	0330	30.11	7.95	52.7	34.8	58.0	3.6
13-1	061799	0345	30.09	7.95	52.7	34.8	58.3	3.6
13-1	061799	0400	30.07	7.94	52.6	34.8	57.7	3.5
13-1	061799	0415	30.09	7.95	52.7	34.8	56.8	3.5
13-1	061799	0430	30.07	7.93	52.7	34.8	55.7	3.4
13-1	061799	0445	30.01	7.94	52.7	34.8	50.8	3.1
13-1	061799	0500	29.99	7.94	52.7	34.8	49.0	3.0
13-1	061799	0515	29.95	7.94	52.7	34.8	49.4	3.0
13-1	061799	0530	29.93	7.92	52.7	34.8	48.1	3.0
13-1	061799	0545	29.87	7.94	52.8	34.9	46.8	2.9
13-1	061799	0600	29.79	7.93	52.8	34.9	43.3	2.7
13-1	061799	0615	29.75	7.91	52.8	34.9	45.1	2.8
13-1	061799	0630	29.73	7.90	52.8	34.9	39.5	2.4
13-1	061799	0645	29.67	7.89	52.8	34.9	38.7	2.4
13-1	061799	0700	29.65	7.89	52.8	34.9	39.5	2.4
13-1	061799	0715	29.63	7.89	52.8	34.9	40.3	2.5
13-1	061799	0730	29.63	7.88	52.8	34.9	38.6	2.4
13-1	061799	0745	29.65	7.88	52.8	34.9	42.0	2.6
13-1	061799	0800	29.69	7.88	52.8	34.9	41.2	2.5
13-1	061799	0815	29.71	7.86	52.8	34.9	35.9	2.2
13-1	061799	0830	29.75	7.86	52.7	34.8	38.2	2.4
13-1	061799	0845	29.79	7.87	52.7	34.8	39.9	2.5
13-1	061799	0900	29.87	7.90	52.6	34.8	47.0	2.9

Hydrolab DS3 Continuous Deployment at Station 13-1

June 15-17, 1999

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
13-1	061799	0915	29.95	7.94	52.6	34.7	56.7	3.5
13-1	061799	0930	29.97	7.96	52.6	34.7	64.7	4.0
13-1	061799	0945	30.09	7.99	52.6	34.7	74.0	4.5
13-1	061799	1000	30.21	8.00	52.6	34.7	79.4	4.9
13-1	061799	1015	30.31	8.01	52.6	34.7	80.1	4.9

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
10-1	072199	0522	0.2	34.6	52.57	30.71	7.88	5.34	87.2
10-1	072199	0523	0.9	34.9	52.79	30.73	7.87	5.41	89.0
10-1	072199	0524	1.6	34.9	52.85	30.75	7.86	5.43	89.6
10-1	072199	1109	0.2	33.8	51.39	31.14	7.84	5.53	91.4
10-1	072199	1110	0.8	34.2	51.83	30.88	7.86	5.64	92.4
10-1	072199	1110	1.4	34.2	51.88	30.88	7.86	5.58	92.1
10-2	072199	0515	0.2	33.7	51.23	30.37	7.87	5.10	82.9
10-2	072199	0516	1.0	34.0	51.58	30.40	7.87	5.07	82.0
10-2	072199	0516	2.4	33.9	51.46	30.40	7.87	5.06	82.6
10-2	072199	1124	0.2	33.5	50.86	30.91	7.82	5.38	88.6
10-2	072199	1125	1.0	33.8	51.26	31.03	7.83	5.40	88.3
10-2	072199	1125	2.0	34.0	51.54	30.75	7.85	5.45	89.8
10-3	072199	0502	0.2	34.7	52.54	30.70	7.86	5.34	88.4
10-3	072199	0503	1.0	35.0	52.90	30.73	7.86	5.41	89.2
10-3	072199	0503	4.8	34.8	52.72	30.73	7.85	5.55	91.5
10-3	072199	1050	0.2	34.1	51.79	31.02	7.86	5.75	95.3
10-3	072199	1052	1.0	34.4	52.08	31.01	7.86	5.65	93.5
10-3	072199	1053	4.6	34.3	51.97	30.97	7.87	5.74	95.0
10-4	072199	0638	0.2	33.3	50.62	30.63	7.87	5.16	84.3
10-4	072199	0639	0.7	33.5	50.93	30.68	7.87	5.16	84.8
10-4	072199	0639	1.2	34.4	52.21	30.87	7.89	5.13	84.7
10-4	072199	1332	0.2	33.3	50.73	31.83	7.88	6.32	105.4
10-4	072199	1333	0.5	33.4	50.78	31.83	7.89	6.38	106.9
10-4	072199	1334	0.8	33.6	51.00	31.84	7.89	6.47	108.2
10-5	072199	0614	0.2	31.2	47.73	30.42	7.88	5.42	87.0
10-5	072199	0614	1.0	31.2	47.77	30.38	7.88	5.39	86.4
10-5	072199	0615	2.9	33.3	50.72	30.81	7.85	4.38	72.6
10-5	072199	1244	0.2	30.4	46.68	31.48	7.82	5.72	91.5
10-5	072199	1245	1.0	31.0	47.61	31.37	7.83	5.62	91.6
10-5	072199	1245	2.2	33.2	50.54	31.24	7.87	5.52	91.4

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
11-1	072199	0540	0.2	33.4	50.82	30.91	7.84	5.01	82.3
11-1	072199	0541	1.0	33.7	51.18	30.92	7.84	4.98	81.9
11-1	072199	0541	3.2	33.6	51.07	30.91	7.84	5.01	82.2
11-1	072199	1138	0.2	33.4	50.84	31.98	7.81	5.20	86.6
11-1	072199	1139	1.0	33.7	51.20	31.35	7.80	5.11	84.4
11-1	072199	1139	3.0	33.7	51.17	30.81	7.80	4.75	78.1
11-2	072199	0548	0.2	32.9	50.12	30.63	7.87	5.32	86.6
11-2	072199	0548	1.0	33.6	51.07	30.75	7.86	5.07	83.1
11-2	072199	0549	2.8	33.7	51.18	30.81	7.82	4.51	74.3
11-2	072199	1152	0.2	33.3	50.65	31.75	7.81	5.25	86.8
11-2	072199	1153	1.0	33.7	51.16	31.01	7.80	5.13	84.5
11-2	072199	1154	2.6	33.6	51.03	30.83	7.81	5.06	83.1
11-3	072199	0554	0.2	32.8	49.97	30.67	7.88	5.38	87.8
11-3	072199	0554	1.0	33.3	50.69	30.97	7.87	5.32	86.7
11-3	072199	0555	3.3	33.4	50.81	30.76	7.84	4.96	81.3
11-3	072199	1209	0.2	33.4	50.88	31.25	7.83	5.49	90.7
11-3	072199	1209	1.0	33.7	51.22	31.27	7.84	5.37	88.9
11-3	072199	1210	2.7	34.2	51.87	30.90	7.86	5.63	92.7
11-4	072199	0603	0.2	32.1	49.04	30.46	7.79	4.13	66.4
11-4	072199	0603	1.0	33.5	50.97	30.96	7.88	5.05	82.8
11-4	072199	0604	1.9	33.5	50.85	30.97	7.87	4.96	81.5
11-4	072199	1225	0.2	33.0	50.26	31.89	7.84	5.65	93.9
11-4	072199	1226	0.7	33.1	50.42	31.92	7.84	5.64	93.9
11-4	072199	1226	1.2	33.4	50.87	31.842	7.85	5.7	93.4
11-5	072199	0622	0.2	32.0	48.84	31.15	7.90	5.26	87.3
11-5	072199	0624	1.0	33.1	50.35	31.04	7.86	4.77	76.3
11-5	072199	0624	2.2	33.2	50.54	31.25	7.81	3.57	59.2
11-5	072199	1301	0.2	30.2	46.44	32.03	7.83	6.03	98.7
11-5	072199	1301	1.0	30.4	46.66	32.03	7.84	5.98	98.2
11-5	072199	1302	1.9	33.3	50.61	31.56	7.91	6.51	108.0

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
13-1	072199	0509	0.2	27.1	42.18	30.45	7.87	5.92	92.9
13-1	072199	0510	0.7	29.5	45.50	30.42	7.86	5.10	81.2
13-1	072199	0511	1.2	31.4	48.09	30.74	7.87	4.92	78.4
13-1	072199	1031	0.2	28.7	44.33	31.19	7.90	5.25	84.2
13-1	072199	1033	0.7	29.9	45.84	31.09	7.91	5.07	81.7
13-1	072199	1034	1.1	31.9	48.70	30.92	7.91	4.12	67.0
13-2	072199	0518	0.2	27.7	42.88	30.56	7.86	5.78	90.2
13-2	072199	0519	0.5	27.7	42.96	30.60	7.85	5.52	87.2
13-2	072199	0520	0.8	27.6	42.81	30.56	7.84	5.48	86.4
13-2	072199	1048	0.2	25.7	40.19	31.43	7.86	5.91	94.0
13-2	072199	1049	0.6	26.3	40.94	31.45	7.90	6.66	105.4
13-2	072199	1050	1.0	26.6	41.41	31.45	7.93	6.86	109.6
13-3	072199	0528	0.2	24.9	37.04	30.98	7.68	5.01	78.3
13-3	072199	0528	1.0	27.3	42.40	31.03	7.80	4.76	76.3
13-3	072199	0529	1.9	27.7	42.94	30.92	7.82	5.01	80.1
13-3	072199	1107	0.2	27.0	41.95	32.02	7.82	5.43	87.8
13-3	072199	1107	0.9	27.1	42.19	31.66	7.83	5.46	87.8
13-3	072199	1108	1.6	28.2	43.67	31.02	7.86	5.23	83.8
13-4	072199	0542	0.2	26.3	40.59	30.78	7.76	4.46	70.1
13-4	072199	0543	1.0	26.5	41.24	30.91	7.77	4.41	69.6
13-4	072199	0543	3.9	26.9	41.88	30.99	7.79	4.54	72.4
13-4	072199	1130	0.2	26.7	41.57	31.28	7.84	5.72	90.8
13-4	072199	1131	1.0	26.7	41.57	31.23	7.84	5.77	91.5
13-4	072199	1132	4.1	27.5	42.63	30.99	7.79	4.54	71.8
13-5	072199	0547	0.2	26.5	41.40	30.86	7.78	4.42	69.6
13-5	072199	0548	0.5	26.6	41.39	30.86	7.78	4.41	68.9
13-5	072199	0549	0.8	26.6	41.38	30.88	7.78	4.32	67.7
13-5	072199	1144	0.2	26.7	41.54	31.87	7.80	5.23	83.8
13-5	072199	1145	0.4	26.7	41.54	31.88	7.80	5.21	83.8
13-5	072199	1146	0.5	26.7	41.53	31.87	7.80	5.19	83.3

Sarasota Bay / Myakka River Status and Trends Monitoring Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
14-1	072199	0554	0.2	26.6	41.39	30.68	7.79	4.70	73.8
14-1	072199	0555	0.9	26.6	41.45	30.70	7.79	4.73	74.8
14-1	072199	0556	1.5	27.1	42.18	30.82	7.91	6.56	103.7
14-1	072199	1200	0.2	27.0	41.93	31.87	7.92	6.74	108.6
14-1	072199	1201	0.8	27.2	42.25	30.91	7.90	6.29	99.7
14-1	072199	1202	1.4	27.7	42.99	31.24	7.89	6.00	95.5
14-2	072199	0601	0.2	27.4	42.50	30.45	7.91	5.94	93.7
14-2	072199	0602	0.7	27.4	42.57	30.56	7.92	6.00	94.5
14-2	072199	0602	1.2	27.4	42.58	30.55	7.91	5.86	92.3
14-2	072199	1216	0.2	27.2	42.32	32.01	7.94	6.81	109.8
14-2	072199	1217	0.8	27.3	42.39	31.92	7.94	7.06	113.7
14-2	072199	1217	1.4	27.5	42.90	31.10	7.99	7.71	122.6
14-3	072199	0609	0.2	27.7	42.98	30.54	7.94	4.91	77.4
14-3	072199	0610	0.5	27.7	42.98	30.52	7.94	4.89	77.1
14-3	072199	0611	0.7	27.7	42.97	30.55	7.94	4.99	78.7
14-3	072199	1231	0.2	27.7	43.01	31.92	7.98	7.14	115.2
14-3	072199	1232	0.5	27.7	43.01	31.98	8.01	7.30	117.9
14-3	072199	1236	0.7	27.7	42.99	31.88	8.03	7.63	123.4
14-4	072199	0618	0.2	29.2	45.06	30.00	8.05	6.85	108.0
14-4	072199	0618	0.7	29.3	45.12	30.02	8.04	6.86	108.5
14-4	072199	0619	1.2	31.0	47.51	31.26	7.87	3.97	64.6
14-4	072199	1247	0.2	28.7	44.36	31.79	8.02	6.80	110.4
14-4	072199	1248	0.8	29.0	44.62	31.54	8.02	6.54	105.6
14-4	072199	1249	1.3	30.7	47.09	31.85	8.07	8.51	140.1
14-5	072199	0627	0.2	32.2	49.11	30.70	7.89	4.79	78.1
14-5	072199	0627	1.0	32.4	49.38	30.69	7.89	4.80	78.1
14-5	072199	0628	2.2	32.4	49.35	30.68	7.88	4.75	77.2
14-5	072199	1301	0.2	31.3	47.89	32.57	7.98	6.55	109.6
14-5	072199	1301	1.0	31.3	47.90	32.59	7.98	6.77	113.5
14-5	072199	1302	2.0	32.4	49.37	31.17	7.90	5.71	93.6

**Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles**

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
16-1	072099	0449	0.2	32.4	49.46	29.99	7.81	4.67	74.9
16-1	072099	0451	1.0	32.6	49.68	30.05	7.81	4.87	78.4
16-1	072099	0452	1.7	32.9	50.09	30.24	7.83	5.67	92.2
16-1	072099	1352	0.2	32.1	49.07	31.33	7.88	6.68	109.6
16-1	072099	1353	0.7	32.2	49.14	31.29	7.88	6.77	111.0
16-1	072099	1354	1.2	32.4	49.47	31.24	7.90	7.64	125.3
16-2	072099	0500	0.2	33.4	50.77	29.99	7.82	5.20	84.6
16-2	072099	0501	0.7	33.4	50.77	30.01	7.82	5.14	83.3
16-2	072099	0502	1.1	33.4	50.79	30.03	7.81	5.01	81.0
16-2	072099	1326	0.2	32.4	49.37	31.86	7.91	8.09	134.1
16-2	072099	1327	0.6	32.4	49.41	31.76	7.91	8.19	135.5
16-2	072099	1328	0.9	32.6	49.68	31.51	7.93	8.69	143.7
16-3	072099	0509	0.2	33.0	50.28	30.04	7.83	5.58	90.0
16-3	072099	0510	1.0	33.5	50.93	30.11	7.83	5.49	89.0
16-3	072099	0511	1.9	33.5	50.97	30.11	7.82	5.31	86.8
16-3	072099	1309	0.2	33.5	50.92	31.46	7.88	7.27	120.5
16-3	072099	1310	1.0	33.5	50.90	31.44	7.88	7.33	121.4
16-3	072099	1311	1.7	34.2	51.83	30.54	7.87	6.68	109.1
16-4	072099	0517	0.3	34.4	52.12	29.68	7.79	4.32	69.8
16-4	072099	1251	0.2	33.8	51.35	31.33	7.94	8.55	141.8
16-5	072099	0525	0.2	34.9	52.84	29.65	7.84	5.07	82.2
16-5	072099	0526	1.0	35.0	52.89	29.67	7.84	5.06	82.4
16-5	072099	0527	3.1	34.9	52.88	29.68	7.83	5.16	83.8
16-5	072099	1233	0.2	33.8	51.37	30.72	7.83	6.65	110.1
16-5	072099	1234	1.0	33.8	51.34	30.72	7.85	6.77	111.4
16-5	072099	1235	2.0	33.8	51.34	30.73	7.85	6.88	112.8

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	072099	0600	0.2	27.1	42.19	30.30	7.48	3.11	48.7
LB-1	072099	0601	0.6	27.1	42.17	30.27	7.48	2.99	47.5
LB-1	072099	0602	0.9	27.1	42.17	30.26	7.48	2.99	46.9
LB-1	072099	1147	0.2	26.9	41.92	31.91	7.80	7.78	125.0
LB-1	072099	1148	0.6	27.4	42.51	31.11	7.64	5.47	87.0
LB-1	072099	1149	1.0	27.6	42.86	30.81	7.61	4.68	73.6
LB-2	072099	0608	0.3	27.7	42.91	29.82	7.65	4.01	62.2
LB-2	072099	1129	0.2	28.5	44.04	31.09	7.79	6.56	104.9
LB-2	072099	1130	0.4	28.5	44.05	31.09	7.79	6.69	107.3
LB-2	072099	1131	0.6	28.5	44.03	31.09	7.79	6.75	106.9
LB-3	072099	0617	0.2	29.7	45.78	29.86	7.78	4.63	73.0
LB-3	072099	0618	1.0	31.5	48.24	30.19	7.78	3.71	60.8
LB-3	072099	0619	3.2	33.5	50.81	29.60	7.65	1.11	17.8
LB-3	072099	1114	0.2	30.5	46.83	31.15	7.86	5.92	95.9
LB-3	072099	1116	0.6	30.5	46.79	31.11	7.88	5.92	95.9
LB-3	072099	1117	1.0	30.9	47.41	30.69	7.90	6.34	102.2
LB-4	072099	0628	0.2	33.1	50.37	29.05	7.89	5.36	85.0
LB-4	072099	0628	0.8	33.2	50.57	29.20	7.89	5.38	85.7
LB-4	072099	0629	1.3	33.5	50.87	29.49	7.84	4.24	68.0
LB-4	072099	1056	0.2	33.1	50.36	30.64	7.90	5.89	96.0
LB-4	072099	1057	0.7	33.2	50.52	30.16	7.90	5.88	94.6
LB-4	072099	1100	1.2	33.8	51.28	30.12	7.86	5.16	83.7
LB-5	072099	0640	0.2	35.2	53.25	29.86	7.95	4.96	79.3
LB-5	072099	0641	0.5	35.2	53.27	29.82	7.93	4.64	75.6
LB-5	072099	0642	0.8	35.2	53.25	29.83	7.92	4.26	69.4
LB-5	072099	1036	0.2	35.0	52.97	30.73	8.04	7.34	121.7
LB-5	072099	1037	0.5	35.1	53.06	30.69	8.04	7.61	125.5
LB-5	072099	1038	0.7	35.1	53.04	30.68	8.05	8.20	134.9

Sarasota Bay / Myakka River Status and Trends Monitoring Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
ML-1	072099	0618	0.2	0.17	0.35	28.92	6.59	3.01	37.9
ML-1	072099	0618	1.0	0.17	0.34	28.91	6.59	2.79	35.5
ML-1	072099	0618	2.3	0.17	0.35	28.93	6.60	2.59	33.8
ML-1	072099	1252	0.2	0.20	0.41	30.51	6.62	2.81	37.5
ML-1	072099	1253	1.0	0.20	0.40	30.19	6.60	2.71	36.0
ML-1	072099	1254	2.5	0.20	0.40	30.09	6.59	2.65	35.2
ML-2	072099	0630	0.2	0.34	0.66	29.24	6.67	3.26	42.4
ML-2	072099	0630	0.9	0.34	0.67	29.25	6.67	3.07	40.1
ML-2	072099	0631	1.6	0.34	0.67	29.26	6.67	3.07	39.9
ML-2	072099	1220	0.2	0.40	0.78	31.54	6.66	3.72	50.7
ML-2	072099	1221	0.9	0.52	0.99	29.92	6.63	3.39	44.9
ML-2	072099	1221	1.6	0.53	1.02	29.82	6.62	3.18	42.2
ML-3	072099	0640	0.2	0.48	0.92	29.10	6.69	4.19	54.8
ML-3	072099	0641	0.6	0.50	0.95	29.09	6.69	3.31	43.1
ML-3	072099	0641	0.9	0.52	0.99	29.08	6.69	3.24	42.2
ML-3	072099	1202	0.2	0.52	1.00	30.52	6.67	3.99	53.2
ML-3	072099	1203	0.6	0.55	1.05	30.23	6.67	3.28	43.5
ML-3	072099	1203	0.9	0.55	1.05	30.21	6.66	3.21	42.6
ML-4	072099	0652	0.2	0.44	0.84	29.45	6.77	4.44	57.7
ML-4	072099	0653	0.5	0.44	0.84	29.44	6.76	4.14	54.3
ML-4	072099	0653	0.7	0.44	0.84	29.44	6.77	4.06	53.4
ML-4	072099	1140	0.2	0.40	0.77	30.46	6.80	3.88	51.3
ML-4	072099	1140	1.0	0.39	0.76	30.41	6.80	3.88	51.4
ML-4	072099	1141	2.2	0.40	0.76	30.40	6.80	3.75	49.9
ML-5	072099	0711	0.2	0.38	0.73	29.58	6.97	4.21	55.5
ML-5	072099	0711	0.6	0.38	0.73	29.56	6.97	4.11	54.1
ML-5	072099	0712	0.9	0.38	0.74	29.52	6.97	4.11	53.7
ML-5	072099	1112	0.2	0.39	0.75	30.33	6.89	4.91	65.2
ML-5	072099	1113	0.7	0.39	0.75	30.22	6.91	4.51	60.2
ML-5	072099	1113	1.2	0.39	0.75	30.21	6.91	4.47	59.5

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
MU-1	072099	0518	0.2	0.12	0.26	28.92	6.53	3.16	41.2
MU-1	072099	0519	0.5	0.12	0.26	28.96	6.54	2.82	36.6
MU-1	072099	0519	0.8	0.12	0.26	28.96	6.54	2.42	31.3
MU-1	072099	1444	0.2	0.12	0.26	30.48	6.49	2.56	34.5
MU-1	072099	1444	1.0	0.12	0.26	30.44	6.48	2.48	33.3
MU-1	072099	1445	1.7	0.12	0.26	30.44	6.48	2.47	32.7
MU-2	072099	0534	0.2	0.13	0.28	28.85	6.56	3.20	41.3
MU-2	072099	0534	0.8	0.13	0.28	28.87	6.56	3.01	38.9
MU-2	072099	0535	1.4	0.13	0.28	28.87	6.57	2.84	36.6
MU-2	072099	1415	0.2	0.13	0.27	30.39	6.55	2.64	35.3
MU-2	072099	1416	0.9	0.13	0.27	30.21	6.52	2.41	32.2
MU-2	072099	1416	1.6	0.13	0.27	30.19	6.52	2.37	31.6
MU-3	072099	0549	0.2	0.14	0.30	28.82	6.57	2.56	33.1
MU-3	072099	0549	0.4	0.15	0.30	28.82	6.59	2.39	30.9
MU-3	072099	0550	0.6	0.14	0.30	28.80	6.59	2.37	30.4
MU-3	072099	1349	0.2	0.15	0.30	30.14	6.56	2.46	32.5
MU-3	072099	1349	0.6	0.15	0.31	30.15	6.56	2.40	31.9
MU-3	072099	1350	0.9	0.15	0.31	30.15	6.56	2.36	31.3
MU-4	072099	0559	0.2	0.16	0.33	28.79	6.60	2.91	37.2
MU-4	072099	0600	0.8	0.16	0.33	28.79	6.60	2.76	35.8
MU-4	072099	0600	1.3	0.17	0.34	28.79	6.60	2.66	34.4
MU-4	072099	1329	0.2	0.15	0.31	30.35	6.57	2.45	32.0
MU-4	072099	1330	1.0	0.15	0.31	30.26	6.55	2.32	30.7
MU-4	072099	1330	1.9	0.15	0.32	30.23	6.56	2.25	29.8
MU-5	072099	0605	0.2	0.16	0.33	28.76	6.57	2.82	36.3
MU-5	072099	0606	1.0	0.16	0.33	28.76	6.57	2.65	34.4
MU-5	072099	0606	2.4	0.17	0.35	28.77	6.59	2.56	33.2
MU-5	072099	1310	0.2	0.18	0.36	30.68	6.62	3.16	41.5
MU-5	072099	1310	1.0	0.17	0.34	30.27	6.57	2.69	35.9
MU-5	072099	1311	2.4	0.17	0.34	30.11	6.57	2.48	32.7

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	072199	0522	27.34417	-82.58306	27.34392	-82.58265	1.8			
10-1	072199	1109	27.34417	-82.58306	27.34370	-82.58255	1.6	>B	991564	0.39
10-2	072199	0515	27.34944	-82.56972	27.34930	-82.57025	2.6			
10-2	072199	1124	27.34944	-82.56972	27.34947	-82.56990	2.2	>B	991571	0.49
10-3	072199	0502	27.33333	-82.58139	27.33418	-82.58118	5.0			
10-3	072199	1050	27.33333	-82.58139	27.33345	-82.58172	4.8	2.3	991568	0.40
10-4	072199	0638	27.32056	-82.56611	27.32012	-82.56628	1.4			
10-4	072199	1332	27.32056	-82.56611	27.32012	-82.56628	1.0	>B	991569	0.72
10-5	072199	0614	27.30556	-82.54917	27.30597	-82.54888	3.1			
10-5	072199	1244	27.30556	-82.54917	27.30600	-82.54780	2.4	0.7	991570	0.81
11-1	072199	0540	27.36583	-82.56278	27.36550	-82.56298	3.4			
11-1	072199	1138	27.36583	-82.56278	27.36518	-82.56288	3.2	1.6	991572	0.39
11-2	072199	0548	27.35333	-82.55556	27.35357	-82.55545	3.0			
11-2	072199	1152	27.35333	-82.55556	27.35310	-82.55542	2.8	1.7	991567	0.45
11-3	072199	0554	27.33722	-82.55639	27.33708	-82.55610	3.5			
11-3	072199	1209	27.33722	-82.55639	27.33743	-82.55590	2.9	1.7	991563	0.67
11-4	072199	0603	27.32222	-82.54528	27.32213	-82.54583	2.1			
11-4	072199	1225	27.32222	-82.54528	27.32223	-82.54545	1.4	>B	991565	0.67
11-5	072199	0622	27.31028	-82.54111	27.31003	-82.54095	2.4			
11-5	072199	1301	27.31028	-82.54111	27.31020	-82.54088	2.1	1.3	991566	0.80
13-1	072199	0509	27.29139	-82.54417	27.29155	-82.54463	1.4			
13-1	072199	1031	27.29139	-82.54417	27.29128	-82.54483	1.3	1.4	991555	0.84
13-2	072199	0518	27.27944	-82.54583	27.27903	-82.54610	1.0			
13-2	072199	1048	27.27944	-82.54583	27.27893	-82.54530	1.2	>B	991552	1.31
13-3	072199	0528	27.27056	-82.54278	27.27018	-82.54268	2.1			
13-3	072199	1107	27.27056	-82.54278	27.27037	-82.54320	1.8	1.4	991562	1.18
13-4	072199	0542	27.25472	-82.53222	27.25442	-82.53232	4.1			
13-4	072199	1130	27.25472	-82.53222	27.25483	-82.53078	4.3	1.1	991559	1.12
13-5	072199	0547	27.25250	-82.52944	27.25255	-82.52883	1.0			
13-5	072199	1144	27.25250	-82.52944	27.25265	-82.52957	0.7	>B	991558	1.30
14-1	072199	0554	27.24111	-82.51861	27.24102	-82.51820	1.7			
14-1	072199	1200	27.24111	-82.51861	27.24145	-82.51842	1.6	1.4	991561	1.05
14-2	072199	0601	27.22556	-82.51250	27.22510	-82.51260	1.4			
14-2	072199	1216	27.22556	-82.51250	27.22538	-82.51257	1.6	>B	991560	0.85
14-3	072199	0609	27.22111	-82.50556	27.22090	-82.50592	0.9			
14-3	072199	1231	27.22111	-82.50556	27.22112	-82.50560	0.9	>B	991553	1.01
14-4	072199	0618	27.20056	-82.50250	27.20065	-82.50245	1.4			
14-4	072199	1247	27.20056	-82.50250	27.20017	-82.50228	1.5	>B	991556	0.74
14-5	072199	0627	27.18111	-82.49306	27.18123	-82.49315	2.4			
14-5	072199	1301	27.18111	-82.49306	27.18108	-82.49298	2.2	1.5	991554	0.91

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
16-1	072099	0449	27.17444	-82.49111	27.17488	-82.49135	1.9			
16-1	072099	1352	27.17444	-82.49111	27.17473	-82.49105	1.4	>B	991538	0.87
16-2	072099	0500	27.16000	-82.48222	27.16062	-82.48213	1.3			
16-2	072099	1326	27.16000	-82.48222	27.16018	-82.48198	1.1	0.9	991532	0.99
16-3	072099	0509	27.14889	-82.47389	27.14883	-82.47425	2.1			
16-3	072099	1309	27.14889	-82.47389	27.14888	-82.47343	1.9	1.2	991530	0.83
16-4	072099	0517	27.14000	-82.47000	27.14017	-82.47037	0.5			
16-4	072099	1251	27.14000	-82.47000	27.13990	-82.47028	0.4	>B	991534	0.69
16-5	072099	0525	27.12778	-82.46944	27.12853	-82.46960	3.3			
16-5	072099	1233	27.12778	-82.46944	27.12777	-82.46927	2.2	1.2	991536	0.81
LB-1	072099	0600	27.03444	-82.42667	27.03472	-82.42598	1.1			
LB-1	072099	1147	27.03444	-82.42667	27.03452	-82.42583	1.2	>B	991537	0.98
LB-2	072099	0608	27.01583	-82.41417	27.01575	-82.41380	0.5			
LB-2	072099	1129	27.01583	-82.41417	27.01643	-82.41363	0.8	>B	991535	1.09
LB-3	072099	0617	27.00056	-82.40306	27.00078	-82.40345	3.4			
LB-3	072099	1114	27.00056	-82.40306	27.00070	-82.40287	1.2	>B	991533	0.76
LB-4	072099	0628	26.97556	-82.38750	26.97518	-82.38770	1.5			
LB-4	072099	1056	26.97556	-82.38750	26.97552	-82.38737	1.4	1.3	991540	0.72
LB-5	072099	0640	26.95250	-82.37056	26.95233	-82.37108	1.0			
LB-5	072099	1036	26.95250	-82.37056	26.95212	-82.37072	0.9	>B	991539	0.92
ML-1	072099	0618	27.04417	-82.29278	27.04435	-82.29262	2.5			
ML-1	072099	1252	27.04417	-82.29278	27.04452	-82.29310	2.7	0.5	991542	2.50
ML-2	072099	0630	27.03444	-82.28000	27.03507	-82.27997	1.8			
ML-2	072099	1220	27.03444	-82.28000	27.03378	-82.27935	1.8	0.5	991547	4.88
ML-3	072099	0640	27.03500	-82.27417	27.03528	-82.27477	1.1			
ML-3	072099	1202	27.03500	-82.27417	27.03530	-82.27430	1.1	0.5	991545	4.58
ML-4	072099	0652	27.02444	-82.27472	27.02472	-82.27453	0.9			
ML-4	072099	1140	27.02444	-82.27472	27.02383	-82.27478	2.4	0.5	991548	4.47
ML-5	072099	0711	27.00389	-82.25528	27.00388	-82.25592	1.1			
ML-5	072099	1112	27.00389	-82.25528	27.00373	-82.25562	1.4	0.3	991544	4.24
MU-1	072099	0518	27.09833	-82.33278	27.09923	-82.33273	1.0			
MU-1	072099	1444	27.09833	-82.33278	27.09787	-82.33198	1.9	0.5	991551	4.48
MU-2	072099	0534	27.08500	-82.32222	27.08505	-82.32192	1.6			
MU-2	072099	1415	27.08500	-82.32222	27.08457	-82.32217	1.8	0.5	991541	4.59
MU-3	072099	0549	27.07028	-82.31389	27.07048	-82.31363	0.8			
MU-3	072099	1349	27.07028	-82.31389	27.06988	-82.31388	1.1	0.3	991543	4.24
MU-4	072099	0559	27.05611	-82.30389	27.05638	-82.30332	1.5			
MU-4	072099	1329	27.05611	-82.30389	27.05675	-82.30357	2.1	0.5	991546	4.22
MU-5	072099	0605	27.05278	-82.29333	27.05310	-82.29357	2.6			
MU-5	072099	1310	27.05278	-82.29333	27.05257	-82.29295	2.6	0.5	991549	4.46

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH ₄ -N Diss (mg/l)	NO ₂₃ -N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO ₄ -P Diss (mg/l)	Total P (mg/l)	BOD ₅ (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	MID	1109	991564	7/21/1999	0.009	U0.005	U0.005	0.23	0.23	0.007	0.17	1.0	6	2.5	13	8.32	2.5	U0.5	33.8
10-2	1.0M	1123	991571	7/21/1999	U0.005	U0.005	U0.005	0.33	0.33	0.011	0.17	0.9	5	2.3	11	8.32	3.2	0.6	33.5
10-3	1.0M	1045	991568	7/21/1999	U0.005	U0.005	U0.005	0.28	0.28	0.008	0.16	0.9	6	2.0	10	8.36	3.1	0.7	34.1
10-4	MID	1332	991569	7/21/1999	0.011	U0.005	U0.005	0.33	0.33	0.010	0.18	0.9	12	4.6	11	8.39	3.8	0.9	33.3
10-5	1.0M	1244	991570	7/21/1999	U0.005	U0.005	U0.005	0.42	0.42	0.026	0.19	1.0	10	4.4	21	8.32	6.9	1.6	30.4
11-1	1.0M	1138	991572	7/21/1999	U0.005	U0.005	U0.005	0.32	0.32	0.011	0.18	0.9	9	2.2	10	8.32	3.1	U0.5	33.4
11-2	1.0M	1152	991567	7/21/1999	U0.005	U0.005	U0.005	0.27	0.27	0.014	0.18	0.7	9	2.1	11	8.32	2.9	U0.5	33.3
11-3	1.0M	1208	991563	7/21/1999	U0.005	U0.005	U0.005	0.30	0.30	0.012	0.20	0.7	5	3.0	12	8.33	4.2	U0.5	33.4
11-4	MID	1225	991565	7/21/1999	U0.005	U0.005	U0.005	0.38	0.38	0.015	0.18	1.4	7	3.7	12	8.36	5.4	0.9	33.0
11-5	1.0M	1300	991566	7/21/1999	0.018	U0.005	U0.005	0.41	0.41	0.029	0.18	1.3	10	5.0	23	8.35	8.3	2.2	30.2
11-5 REP	1.0M	1306	991573	7/21/1999	0.007	U0.005	U0.005	0.42	0.42	0.029	0.20	1.3	6	4.0	23	8.30	7.8	1.5	NA
13-1	MID	1029	991555	7/21/1999	U0.005	U0.005	U0.005	0.33	0.33	0.035	0.21	0.9	6	3.2	23	8.31	6.4	1.4	28.7
13-1 REP	MID	1039	991557	7/21/1999	U0.005	U0.005	U0.005	0.32	0.32	0.033	0.21	0.9	7	3.9	21	8.32	6.1	1.7	NA
13-2	MID	1048	991552	7/21/1999	0.017	0.010	0.008	0.68	0.69	0.068	0.33	1.2	11	4.5	41	8.28	11.3	3.2	25.7
13-3	MID	1107	991562	7/21/1999	U0.005	U0.005	U0.005	0.58	0.58	0.059	0.24	1.5	8	4.4	33	8.23	9.5	2.4	27.0
13-4	1.0M	1130	991559	7/21/1999	U0.005	U0.005	U0.005	0.49	0.49	0.056	0.22	1.8	9	3.8	27	8.23	10.4	2.0	26.7
13-5	MID	1144	991558	7/21/1999	0.022	0.009	0.011	0.31	0.32	0.061	0.09	1.3	8	5.2	31	8.20	6.5	2.8	26.7
14-1	MID	1200	991561	7/21/1999	U0.005	U0.005	U0.005	0.57	0.57	0.047	0.24	1.6	8	3.2	24	8.34	7.0	0.8	27.0
14-2	MID	1215	991560	7/21/1999	U0.005	U0.005	U0.005	0.47	0.47	0.044	0.22	1.4	9	3.3	23	8.32	6.1	U0.5	27.2
14-3	MID	1231	991553	7/21/1999	0.007	U0.005	U0.005	0.44	0.44	0.030	0.22	1.3	8	4.0	24	8.42	6.4	0.6	27.7
14-4	MID	1247	991556	7/21/1999	U0.005	U0.005	U0.005	0.52	0.52	0.008	0.18	1.2	8	2.6	24	8.48	4.7	0.6	28.7
14-5	1.0M	1301	991554	7/21/1999	U0.005	U0.005	U0.005	0.46	0.46	0.007	0.20	1.5	12	4.3	23	8.46	5.9	1.4	31.3

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH ₄ -N Diss (mg/l)	NO ₂₃ -N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO ₄ -P Diss (mg/l)	Total P (mg/l)	BOD ₅ (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	MID	1353	991538	7/20/1999	0.009	U0.005	U0.005	0.48	0.48	0.007	0.13	1.6	7	3.8	19	8.35	5.4	3.2	32.1
16-2	MID	1327	991532	7/20/1999	0.011	U0.005	U0.005	0.48	0.48	0.009	0.19	1.9	8	6.4	23	8.37	8.0	3.9	32.4
16-3	MID	1310	991530	7/20/1999	0.010	U0.005	U0.005	0.39	0.39	0.008	0.25	2.1	9	6.4	17	8.38	5.7	4.7	33.5
16-4	MID	1250	991534	7/20/1999	0.019	U0.005	U0.005	0.34	0.34	0.010	0.21	1.6	9	6.5	16	8.43	6.0	4.1	33.8
16-5	1.0M	1234	991536	7/20/1999	0.013	U0.005	U0.005	0.33	0.33	0.010	0.23	1.4	7	5.1	15	8.33	6.8	4.1	33.8
LB-1	MID	1147	991537	7/20/1999	0.021	0.008	0.006	0.57	0.58	0.075	0.26	1.7	7	3.6	37	8.15	13.2	2.7	26.9
LB-2	MID	1129	991535	7/20/1999	0.015	U0.005	U0.005	0.64	0.64	0.067	0.28	2.2	8	3.7	31	8.24	13.0	1.9	28.5
LB-3	MID	1114	991533	7/20/1999	0.019	U0.005	U0.005	0.60	0.60	0.054	0.26	1.9	5	3.5	26	8.34	9.3	1.5	30.5
LB-4	MID	1056	991540	7/20/1999	0.015	U0.005	U0.005	0.61	0.61	0.036	0.30	2.5	8	4.2	23	8.27	9.7	1.7	33.1
LB-5	MID	1028	991539	7/20/1999	0.009	U0.005	U0.005	0.52	0.52	0.007	0.19	3.9	5	3.2	14	8.34	9.9	3.6	35.0
LB-5 REP	MID	1039	991531	7/20/1999	0.015	U0.005	U0.005	0.46	0.46	0.006	0.17	1.9	4	2.4	13	8.34	5.3	0.8	NA
ML-1	1.0M	1251	991542	7/20/1999	0.073	0.031	0.030	1.34	1.37	0.369	0.42	1.9	2	2.2	260	6.42	2.2	0.9	0.20
ML-2	MID	1220	991547	7/20/1999	0.074	0.036	0.035	1.21	1.24	0.365	0.49	1.9	U2	2.1	240	6.17	2.1	0.6	0.40
ML-3	MID	1202	991545	7/20/1999	0.072	0.039	0.036	1.31	1.35	0.351	0.44	2.2	4	2.9	260	6.35	10.8	1.8	0.52
ML-4	1.0M	1135	991548	7/20/1999	0.051	0.052	0.049	1.17	1.22	0.317	0.42	2.1	2	2.9	250	6.18	7.1	1.5	0.40
ML-5	MID	1050	991544	7/20/1999	0.059	0.078	0.074	1.20	1.27	0.302	0.39	2.2	4	4.0	240	6.45	10.7	3.3	0.39
ML-5 REP	MID	1100	991550	7/20/1999	0.047	0.079	0.075	1.31	1.39	0.298	0.39	2.5	5	4.1	240	6.06	19.4	3.9	NA
MU-1	MID	1443	991551	7/20/1999	0.058	0.025	0.022	1.31	1.33	0.439	0.54	0.7	3	2.3	230	5.56	2.4	1.8	0.12
MU-2	MID	1414	991541	7/20/1999	0.067	0.027	0.026	1.32	1.35	0.447	0.55	1.9	2	1.8	230	6.21	2.0	1.7	0.13
MU-3	MID	1348	991543	7/20/1999	0.072	0.031	0.029	1.32	1.35	0.457	0.58	1.8	U2	1.8	240	6.13	1.6	1.4	0.15
MU-4	1.0M	1325	991546	7/20/1999	0.090	0.033	0.031	1.29	1.32	0.449	0.49	1.7	3	2.5	240	5.95	1.4	1.5	0.15
MU-5	1.0M	1308	991549	7/20/1999	0.087	0.037	0.034	1.31	1.34	0.443	0.53	1.7	U2	1.7	250	5.81	1.0	0.8	0.18
EQP BLK		1420	991574	7/21/1999	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.86	U0.5	U0.5	NA
EQP BLK		0730	991575	7/21/1999	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	4.79	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rainfall		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)
			Begin (EST)	End (EST)	No	Yes	Min (%)	Max				
072099	AM	16	0449	0525	0		50		27.8	60	<5	<0.5
072099	PM	16	1233	1352	0		5	- 40		60 - 150	5	<0.5
072099	AM	LB	0600	0640	0		30	- 40		60	<5 - 5	<0.5 - 0.5
072099	PM	LB	1036	1147	0		15	- 40	28.0	30 - 330	<5 - 5	<0.5
072099	AM	ML	0618	0711	0		10	- 30		100	<5 - 5	<0.5
072099	PM	ML	1112	1252	0		20	- 45	29.7	Calm	<5	<0.5
072099	AM	MU	0518	0605	0		10	- 30	28.0	Calm	<5	<0.5
072099	PM	MU	1310	1444	0		30	- 45		30	<5 - 5	<0.5
072199	AM	10	0502	0638	0		0	- 10		30	5	<0.5
072199	PM	10	1050	1332	0		30	- 45	32.3	30 - 330	5 - 10	<0.5
072199	AM	11	0540	0622	0		10			30	5	<0.5
072199	PM	11	1138	1301	0		35	- 45		270 - 330	5 - 10	<0.5
072199	AM	13	0509	0547	0		10	- 80	30.6	30 - 60	<5	<0.5
072199	PM	13	1031	1144	0		0	- 50		150	<5 - 5	<0.5
072199	AM	14	0554	0627	0		10	- 30		30 - 45	<5 - 5	<0.5
072199	PM	14	1200	1301	0		50	- 70		120	5 - 10	<0.5 - 0.5

Hydrolab DS3 Continuous Deployment at Station 16-2

July 20-21, 1999

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
16-2	072099	1345	31.79	8.06	48.2	31.5	150.2	9.1
16-2	072099	1400	31.79	8.13	48.4	31.6	156.2	9.5
16-2	072099	1415	31.73	8.15	48.5	31.7	153.6	9.3
16-2	072099	1430	31.71	8.18	48.5	31.7	178.0	10.8
16-2	072099	1445	31.73	8.20	48.5	31.7	160.8	9.8
16-2	072099	1500	31.73	8.21	48.6	31.8	185.4	11.3
16-2	072099	1515	31.75	8.21	48.5	31.8	178.7	10.8
16-2	072099	1530	31.77	8.21	48.6	31.8	157.3	9.5
16-2	072099	1545	31.81	8.20	48.6	31.8	180.5	10.9
16-2	072099	1600	31.83	8.20	48.5	31.7	152.1	9.2
16-2	072099	1615	31.83	8.19	48.5	31.7	156.3	9.5
16-2	072099	1630	31.79	8.19	48.5	31.7	153.7	9.3
16-2	072099	1645	31.77	8.19	48.6	31.8	153.7	9.3
16-2	072099	1700	31.75	8.19	48.6	31.8	151.6	9.2
16-2	072099	1715	31.75	8.18	48.5	31.7	146.9	8.9
16-2	072099	1730	31.75	8.17	48.5	31.7	145.1	8.8
16-2	072099	1745	31.75	8.17	48.4	31.7	142.8	8.7
16-2	072099	1800	31.83	8.16	48.4	31.7	156.7	9.5
16-2	072099	1815	31.83	8.15	48.4	31.6	135.4	8.2
16-2	072099	1830	31.79	8.15	48.4	31.6	146.4	8.9
16-2	072099	1845	31.79	8.13	48.5	31.7	127.6	7.7
16-2	072099	1900	31.77	8.12	48.4	31.7	120.4	7.3
16-2	072099	1915	31.77	8.11	48.4	31.7	121.5	7.4
16-2	072099	1930	31.83	8.14	48.4	31.6	139.9	8.5
16-2	072099	1945	31.83	8.14	48.3	31.6	138.0	8.4
16-2	072099	2000	31.73	8.10	48.2	31.5	128.1	7.8
16-2	072099	2015	31.60	8.10	48.3	31.6	113.6	6.9
16-2	072099	2030	31.58	8.09	48.2	31.5	110.2	6.7
16-2	072099	2045	31.50	8.10	48.2	31.5	106.5	6.5
16-2	072099	2100	31.46	8.08	48.2	31.5	107.0	6.5
16-2	072099	2115	31.46	8.08	48.2	31.5	115.1	7.0
16-2	072099	2130	31.40	8.08	48.3	31.6	102.5	6.3
16-2	072099	2145	31.33	8.06	48.3	31.6	99.2	6.1
16-2	072099	2200	31.33	8.06	48.3	31.5	91.7	5.6

Hydrolab DS3 Continuous Deployment at Station 16-2

July 20-21, 1999

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
16-2	072099	2215	31.33	8.04	48.3	31.6	89.8	5.5
16-2	072099	2230	31.35	8.04	48.3	31.5	92.2	5.6
16-2	072099	2245	31.33	8.00	48.3	31.6	76.8	4.7
16-2	072099	2300	31.33	7.99	48.3	31.6	70.2	4.3
16-2	072099	2315	31.33	7.96	48.3	31.6	66.9	4.1
16-2	072099	2330	31.33	7.94	48.3	31.6	60.5	3.7
16-2	072099	2345	31.35	7.93	48.3	31.5	60.9	3.7
16-2	072199	0000	31.40	8.02	48.1	31.5	74.2	4.5
16-2	072199	0015	31.38	7.98	48.1	31.5	74.0	4.5
16-2	072199	0030	31.38	7.94	48.1	31.5	61.3	3.8
16-2	072199	0045	31.35	7.94	48.2	31.5	52.7	3.2
16-2	072199	0100	31.33	7.93	48.1	31.4	57.0	3.5
16-2	072199	0115	31.31	7.93	48.2	31.5	59.0	3.6
16-2	072199	0130	31.31	7.89	48.2	31.5	44.0	2.7
16-2	072199	0145	31.31	7.87	48.2	31.5	42.2	2.6
16-2	072199	0200	31.27	7.88	48.2	31.5	45.7	2.8
16-2	072199	0215	31.27	7.97	48.1	31.4	60.9	3.7
16-2	072199	0230	31.33	8.02	48.0	31.3	80.0	4.9
16-2	072199	0245	31.29	8.05	48.0	31.4	89.9	5.5
16-2	072199	0300	31.21	8.05	48.1	31.4	98.6	6.1
16-2	072199	0315	31.23	8.07	48.0	31.4	100.5	6.2
16-2	072199	0330	31.23	8.08	48.1	31.4	100.8	6.2
16-2	072199	0345	31.27	8.08	48.2	31.5	101.6	6.2
16-2	072199	0400	31.23	8.08	48.2	31.5	101.7	6.2
16-2	072199	0415	31.15	8.07	48.3	31.6	96.5	5.9
16-2	072199	0430	31.13	8.04	48.5	31.7	92.6	5.7
16-2	072199	0445	31.05	8.04	48.6	31.8	89.7	5.5
16-2	072199	0500	30.99	8.05	48.6	31.8	88.6	5.4
16-2	072199	0515	30.92	8.04	48.6	31.8	89.3	5.5
16-2	072199	0530	30.90	8.03	48.6	31.8	86.1	5.3
16-2	072199	0545	30.92	8.03	48.7	31.9	86.0	5.3
16-2	072199	0600	30.88	8.03	48.7	31.9	82.9	5.1
16-2	072199	0615	30.84	8.03	48.8	31.9	80.6	5.0
16-2	072199	0630	30.78	8.03	49.0	32.1	80.7	5.0
16-2	072199	0645	30.76	8.03	48.9	32.0	76.9	4.7

Hydrolab DS3 Continuous Deployment at Station 16-2

July 20-21, 1999

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
16-2	072199	0700	30.78	8.03	48.9	32.0	73.6	4.5
16-2	072199	0715	30.78	8.02	48.9	32.0	77.1	4.8
16-2	072199	0730	30.78	8.03	49.0	32.1	83.9	5.2
16-2	072199	0745	30.78	8.01	49.0	32.1	85.9	5.3
16-2	072199	0800	30.78	8.02	48.7	31.9	82.6	5.1
16-2	072199	0815	30.80	8.01	49.0	32.1	84.3	5.2
16-2	072199	0830	30.82	8.01	48.7	31.8	76.3	4.7
16-2	072199	0845	30.84	8.00	47.9	31.3	78.3	4.8
16-2	072199	0900	30.88	8.01	48.3	31.6	82.8	5.1
16-2	072199	0915	30.92	8.02	48.7	31.9	82.7	5.1
16-2	072199	0930	31.01	8.03	48.7	31.9	88.0	5.4
16-2	072199	0945	31.11	8.05	48.8	31.9	85.1	5.2
16-2	072199	1000	31.19	8.07	48.7	31.8	83.0	5.1
16-2	072199	1015	31.27	8.08	48.8	31.9	94.0	5.7
16-2	072199	1030	31.35	8.10	48.8	31.9	113.3	6.9
16-2	072199	1045	31.44	8.13	48.8	31.9	134.0	8.2
16-2	072199	1100	31.54	8.14	48.7	31.8	125.8	7.7
16-2	072199	1115	31.62	8.15	48.8	31.9	118.8	7.2
16-2	072199	1130	31.66	8.17	48.8	32.0	129.7	7.9
16-2	072199	1145	31.71	8.17	48.7	31.9	133.9	8.1
16-2	072199	1200	31.81	8.19	48.7	31.9	136.9	8.3
16-2	072199	1215	31.87	8.22	48.7	31.9	147.9	9.0
16-2	072199	1230	31.91	8.23	48.7	31.9	174.5	10.6
16-2	072199	1245	31.98	8.24	48.7	31.9	162.3	9.8
16-2	072199	1300	32.02	8.25	48.5	31.7	167.5	10.1
16-2	072199	1315	32.08	8.24	48.5	31.7	169.1	10.2
16-2	072199	1330	32.16	8.25	48.0	31.3	182.6	11.0
16-2	072199	1345	32.31	8.23	47.6	31.1	175.7	10.6
16-2	072199	1400	32.33	8.24	48.0	31.3	176.2	10.6
16-2	072199	1415	32.44	8.25	48.0	31.3	177.6	10.7
16-2	072199	1430	32.54	8.25	47.7	31.2	166.9	10.0
16-2	072199	1445	32.58	8.26	47.5	31.0	194.6	11.7
16-2	072199	1500	32.56	8.25	47.5	31.0	171.5	10.3
16-2	072199	1515	32.52	8.23	47.6	31.1	165.6	10.0
16-2	072199	1530	32.58	8.24	47.5	31.0	170.9	10.3

Hydrolab DS3 Continuous Deployment at Station LB-2

July 20-21, 1999

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
LB-2	072099	0800	30.60	7.78	42.5	27.4	63.3	4.0
LB-2	072099	0815	30.62	7.75	42.3	27.2	61.2	3.9
LB-2	072099	0830	30.72	7.82	42.5	27.3	64.3	4.1
LB-2	072099	0845	30.77	7.84	42.5	27.4	64.8	4.1
LB-2	072099	0900	30.78	7.88	42.5	27.4	73.4	4.7
LB-2	072099	0915	30.86	7.90	42.4	27.3	78.2	4.9
LB-2	072099	0930	30.87	7.88	42.3	27.2	83.8	5.3
LB-2	072099	0945	31.02	7.91	42.2	27.1	97.2	6.1
LB-2	072099	1000	31.10	7.92	42.1	27.1	100.3	6.3
LB-2	072099	1015	31.16	7.90	42.2	27.2	94.6	6.0
LB-2	072099	1030	31.32	7.91	42.1	27.1	98.5	6.2
LB-2	072099	1045	31.48	7.92	42.1	27.1	98.6	6.2
LB-2	072099	1100	31.54	7.94	42.2	27.1	110.4	6.9
LB-2	072099	1115	31.91	7.98	42.5	27.4	123.1	7.6
LB-2	072099	1130	32.10	7.98	42.5	27.4	117.7	7.3
LB-2	072099	1145	32.25	7.99	42.5	27.4	117.0	7.2
LB-2	072099	1200	32.48	8.01	42.4	27.3	122.2	7.5
LB-2	072099	1215	32.66	7.99	42.4	27.3	123.4	7.6
LB-2	072099	1230	33.03	8.11	42.5	27.4	166.7	10.2
LB-2	072099	1245	33.30	8.18	42.7	27.5	182.3	11.1
LB-2	072099	1300	33.29	8.12	42.7	27.5	168.4	10.2
LB-2	072099	1315	33.19	8.06	42.4	27.3	147.1	8.9
LB-2	072099	1330	33.61	8.15	42.6	27.4	186.7	11.3
LB-2	072099	1345	33.36	8.12	42.4	27.3	176.6	10.7
LB-2	072099	1400	33.37	8.13	42.4	27.3	151.1	9.2
LB-2	072099	1415	33.45	8.14	42.6	27.4	180.5	10.9
LB-2	072099	1430	33.56	8.16	42.6	27.5	166.3	10.0
LB-2	072099	1445	33.60	8.14	42.7	27.5	173.4	10.5
LB-2	072099	1500	33.60	8.12	42.8	27.6	150.6	9.1
LB-2	072099	1515	33.67	8.11	42.9	27.7	142.2	8.6
LB-2	072099	1530	33.60	8.10	43.0	27.7	144.1	8.7
LB-2	072099	1545	33.61	8.10	43.1	27.8	140.4	8.5
LB-2	072099	1600	33.40	8.10	43.2	27.9	140.3	8.5
LB-2	072099	1615	33.43	8.10	43.2	27.9	146.4	8.8

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July 20-21, 1999

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Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
LB-2	072099	1630	33.34	8.09	43.3	27.9	146.7	8.9
LB-2	072099	1645	33.37	8.09	43.2	27.9	143.6	8.7
LB-2	072099	1700	33.32	8.10	43.2	27.9	143.3	8.7
LB-2	072099	1715	33.28	8.10	43.2	27.8	146.8	8.9
LB-2	072099	1730	33.26	8.10	43.2	27.8	140.4	8.5
LB-2	072099	1745	33.21	8.11	43.2	27.8	151.4	9.2
LB-2	072099	1800	33.22	8.10	43.1	27.8	134.7	8.2
LB-2	072099	1815	33.20	8.09	43.1	27.8	132.0	8.0
LB-2	072099	1830	33.24	8.08	43.1	27.8	127.9	7.8
LB-2	072099	1845	33.24	8.08	43.1	27.8	128.4	7.8
LB-2	072099	1900	33.20	8.06	42.9	27.7	122.8	7.5
LB-2	072099	1915	33.13	8.06	42.9	27.6	122.6	7.5
LB-2	072099	1930	32.90	8.02	42.5	27.4	118.8	7.3
LB-2	072099	1945	32.84	8.00	42.5	27.3	103.2	6.3
LB-2	072099	2000	32.69	7.98	42.4	27.3	105.4	6.5
LB-2	072099	2015	32.65	7.95	42.4	27.3	95.3	5.9
LB-2	072099	2030	32.53	7.93	42.4	27.3	85.9	5.3
LB-2	072099	2045	32.51	7.90	42.5	27.3	81.8	5.0
LB-2	072099	2100	32.37	7.84	42.5	27.3	70.9	4.4
LB-2	072099	2115	32.26	7.83	42.4	27.3	70.5	4.4
LB-2	072099	2130	32.27	7.84	42.4	27.3	70.9	4.4
LB-2	072099	2145	32.19	7.76	42.4	27.3	59.0	3.7
LB-2	072099	2200	32.05	7.77	42.4	27.3	52.5	3.3
LB-2	072099	2215	31.98	7.76	42.4	27.3	58.9	3.7
LB-2	072099	2230	31.92	7.79	42.4	27.3	64.0	4.0
LB-2	072099	2245	31.84	7.82	42.4	27.3	73.8	4.6
LB-2	072099	2300	31.98	7.77	42.2	27.2	60.8	3.8
LB-2	072099	2315	31.72	7.84	42.3	27.2	66.6	4.2
LB-2	072099	2330	31.66	7.83	42.3	27.2	63.5	4.0
LB-2	072099	2345	31.58	7.82	42.3	27.2	61.9	3.9
LB-2	072199	0000	31.50	7.80	42.3	27.2	57.8	3.6
LB-2	072199	0015	31.46	7.80	42.3	27.2	64.8	4.1
LB-2	072199	0030	31.38	7.78	42.3	27.3	57.0	3.6
LB-2	072199	0045	31.26	7.75	42.4	27.3	49.7	3.1

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Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
LB-2	072199	0100	31.13	7.74	42.4	27.3	46.4	2.9
LB-2	072199	0115	31.06	7.72	42.4	27.3	42.5	2.7
LB-2	072199	0130	30.98	7.72	42.4	27.3	43.8	2.8
LB-2	072199	0145	30.93	7.71	42.4	27.3	40.2	2.5
LB-2	072199	0200	30.83	7.71	42.4	27.3	39.0	2.5
LB-2	072199	0215	30.81	7.69	42.4	27.3	33.3	2.1
LB-2	072199	0230	30.83	7.66	42.4	27.3	31.1	2.0
LB-2	072199	0245	30.90	7.66	42.4	27.3	29.4	1.9
LB-2	072199	0300	31.00	7.77	42.5	27.3	52.3	3.3
LB-2	072199	0315	31.17	7.76	42.5	27.4	52.3	3.3
LB-2	072199	0330	31.24	7.80	42.6	27.4	51.6	3.2
LB-2	072199	0345	31.20	7.78	42.6	27.4	45.0	2.8
LB-2	072199	0400	31.22	7.77	42.6	27.4	46.2	2.9
LB-2	072199	0415	31.13	7.79	42.6	27.5	52.5	3.3
LB-2	072199	0430	31.10	7.79	42.7	27.5	48.5	3.1
LB-2	072199	0445	31.08	7.79	42.7	27.5	51.3	3.2
LB-2	072199	0500	31.05	7.78	42.7	27.5	46.8	3.0
LB-2	072199	0515	31.01	7.75	42.7	27.5	45.0	2.8
LB-2	072199	0530	31.02	7.71	42.7	27.5	38.5	2.4
LB-2	072199	0545	31.01	7.70	42.7	27.5	32.5	2.1
LB-2	072199	0600	31.02	7.67	42.7	27.5	31.1	2.0
LB-2	072199	0615	31.01	7.67	42.6	27.5	35.0	2.2
LB-2	072199	0630	31.04	7.65	42.6	27.5	27.5	1.7
LB-2	072199	0645	31.02	7.66	42.6	27.4	29.1	1.8
LB-2	072199	0700	30.99	7.70	42.5	27.4	32.9	2.1
LB-2	072199	0715	30.98	7.72	42.5	27.3	42.9	2.7
LB-2	072199	0730	31.02	7.73	42.4	27.3	39.1	2.5
LB-2	072199	0745	31.06	7.75	42.3	27.2	50.1	3.2
LB-2	072199	0800	30.97	7.74	42.2	27.2	48.2	3.0
LB-2	072199	0815	31.01	7.77	42.2	27.1	52.0	3.3
LB-2	072199	0830	31.08	7.81	42.2	27.1	68.1	4.3
LB-2	072199	0845	31.13	7.82	42.2	27.1	54.5	3.4
LB-2	072199	0900	31.16	7.81	42.2	27.2	54.4	3.4
LB-2	072199	0915	31.31	7.87	42.2	27.1	65.8	4.1

Hydrolab DS3 Continuous Deployment at Station LB-2

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Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
LB-2	072199	0930	31.46	7.92	42.1	27.1	90.7	5.7
LB-2	072199	0945	31.63	7.92	42.1	27.0	94.0	5.9
LB-2	072199	1000	31.82	7.97	42.0	27.0	106.3	6.6
LB-2	072199	1015	32.04	8.02	41.9	27.0	105.7	6.6
LB-2	072199	1030	32.22	8.06	41.9	27.0	126.6	7.8
LB-2	072199	1045	32.15	7.95	41.9	27.0	104.9	6.5
LB-2	072199	1100	32.06	7.90	41.9	26.9	99.6	6.2
LB-2	072199	1115	32.16	7.90	41.8	26.9	93.8	5.8
LB-2	072199	1130	32.32	7.91	41.8	26.8	78.7	4.9
LB-2	072199	1145	32.47	7.95	41.8	26.8	102.9	6.4
LB-2	072199	1200	32.61	7.93	41.7	26.8	91.8	5.7
LB-2	072199	1215	32.72	7.98	41.7	26.8	108.4	6.7
LB-2	072199	1230	32.87	7.99	41.8	26.8	115.1	7.1
LB-2	072199	1245	33.11	8.06	41.9	26.9	129.0	7.9
LB-2	072199	1300	33.45	8.13	41.8	26.9	152.5	9.3
LB-2	072199	1315	33.71	8.14	42.0	27.0	171.3	10.4
LB-2	072199	1330	34.04	8.22	41.9	27.0	187.4	11.3
LB-2	072199	1345	34.40	8.26	41.9	26.9	###.#	##.##
LB-2	072199	1400	34.50	8.25	42.0	27.0	###.#	##.##

Hydrolab DS3 Continuous Deployment at Station 16-4
July 20-21, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
16-4	072099	1315	32.18	8.15	49.9	32.7	149.3	8.9
16-4	072099	1330	32.29	8.15	49.8	32.7	149.6	9.0
16-4	072099	1345	32.48	8.17	49.8	32.7	154.9	9.2
16-4	072099	1400	32.77	8.28	49.8	32.7	186.3	11.1
16-4	072099	1415	32.80	8.22	49.7	32.6	166.4	9.9
16-4	072099	1430	32.77	8.22	49.7	32.6	161.2	9.6
16-4	072099	1445	33.24	8.23	49.7	32.6	158.3	9.3
16-4	072099	1500	32.95	8.20	49.7	32.6	154.7	9.2
16-4	072099	1515	32.88	8.20	49.6	32.5	154.0	9.1
16-4	072099	1530	32.63	8.17	49.5	32.5	144.8	8.6
16-4	072099	1545	32.77	8.22	49.5	32.5	158.8	9.4
16-4	072099	1600	32.90	8.24	49.5	32.4	164.1	9.7
16-4	072099	1615	32.97	8.24	49.6	32.5	165.5	9.8
16-4	072099	1630	33.14	8.28	49.7	32.6	175.5	10.4
16-4	072099	1645	33.29	8.30	49.7	32.6	188.3	11.1
16-4	072099	1700	33.39	8.32	49.7	32.6	188.2	11.1
16-4	072099	1715	33.39	8.31	49.6	32.6	186.5	11.0
16-4	072099	1730	33.50	8.30	49.8	32.6	185.1	10.9
16-4	072099	1745	33.57	8.30	49.8	32.7	179.9	10.5
16-4	072099	1800	33.48	8.28	49.8	32.6	177.3	10.4
16-4	072099	1815	33.18	8.27	49.8	32.6	173.5	10.2
16-4	072099	1830	33.09	8.25	49.7	32.6	166.1	9.8
16-4	072099	1845	33.20	8.24	49.8	32.7	163.6	9.6
16-4	072099	1900	33.20	8.22	49.8	32.7	154.9	9.1
16-4	072099	1915	32.92	8.19	49.7	32.6	146.8	8.7
16-4	072099	1930	32.52	8.14	49.7	32.6	130.8	7.8
16-4	072099	1945	32.39	8.11	49.6	32.5	120.1	7.2
16-4	072099	2000	32.33	8.09	49.7	32.6	114.4	6.8
16-4	072099	2015	32.14	8.08	49.8	32.7	109.6	6.6
16-4	072099	2030	31.95	8.07	49.6	32.6	106.2	6.4
16-4	072099	2045	32.02	8.08	49.6	32.5	105.9	6.4
16-4	072099	2100	32.08	8.11	49.6	32.5	110.4	6.6
16-4	072099	2115	32.08	8.10	49.8	32.6	109.7	6.6
16-4	072099	2130	32.12	8.09	49.7	32.6	106.1	6.4

Hydrolab DS3 Continuous Deployment at Station 16-4
July 20-21, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
16-4	072099	2145	32.14	8.07	49.7	32.6	103.9	6.2
16-4	072099	2200	32.12	8.07	49.6	32.6	101.2	6.1
16-4	072099	2215	32.10	8.05	49.6	32.6	96.0	5.8
16-4	072099	2230	32.08	8.03	49.7	32.6	89.6	5.4
16-4	072099	2245	32.06	8.00	49.5	32.5	82.6	5.0
16-4	072099	2300	31.95	7.99	49.6	32.5	81.5	4.9
16-4	072099	2315	31.91	7.99	49.5	32.4	77.8	4.7
16-4	072099	2330	31.79	7.99	49.6	32.5	75.8	4.6
16-4	072099	2345	31.79	7.97	49.4	32.4	73.5	4.4
16-4	072199	0000	31.64	7.97	49.4	32.4	77.0	4.7
16-4	072199	0015	31.58	7.99	49.4	32.4	78.2	4.7
16-4	072199	0030	31.58	7.97	49.5	32.4	71.7	4.3
16-4	072199	0045	31.56	7.97	49.5	32.4	77.2	4.7
16-4	072199	0100	31.54	7.96	49.5	32.4	71.0	4.3
16-4	072199	0115	31.46	7.95	49.5	32.5	66.6	4.0
16-4	072199	0130	31.48	7.94	49.4	32.4	63.5	3.9
16-4	072199	0145	31.33	7.95	49.5	32.4	66.0	4.0
16-4	072199	0200	31.35	7.92	49.5	32.4	60.8	3.7
16-4	072199	0215	31.35	7.87	49.5	32.4	50.5	3.1
16-4	072199	0230	31.35	7.84	49.5	32.4	49.7	3.0
16-4	072199	0245	31.33	7.91	49.5	32.4	59.1	3.6
16-4	072199	0300	31.29	7.96	49.4	32.4	63.7	3.9
16-4	072199	0315	31.25	7.96	49.5	32.4	61.0	3.7
16-4	072199	0330	31.21	7.94	49.5	32.5	57.6	3.5
16-4	072199	0345	31.13	7.94	49.5	32.5	55.5	3.4
16-4	072199	0400	31.13	7.89	49.6	32.5	46.2	2.8
16-4	072199	0415	31.11	7.86	49.6	32.5	37.9	2.3
16-4	072199	0430	31.04	7.87	49.6	32.5	37.6	2.3
16-4	072199	0445	31.00	7.83	49.5	32.5	31.4	1.9
16-4	072199	0500	30.86	7.88	49.8	32.6	32.1	2.0
16-4	072199	0515	30.80	7.87	49.9	32.8	25.4	1.6
16-4	072199	0530	30.80	7.89	50.2	33.0	36.1	2.2
16-4	072199	0545	30.74	7.92	50.5	33.2	43.3	2.7
16-4	072199	0600	30.68	7.91	50.7	33.3	43.4	2.7

Hydrolab DS3 Continuous Deployment at Station 16-4
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Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
16-4	072199	0615	30.62	7.90	51.0	33.5	42.3	2.6
16-4	072199	0630	30.58	7.90	51.1	33.6	42.5	2.6
16-4	072199	0645	30.49	7.91	51.2	33.7	48.4	3.0
16-4	072199	0700	30.51	7.91	51.3	33.7	46.8	2.9
16-4	072199	0715	30.49	7.92	51.4	33.8	48.4	3.0
16-4	072199	0730	30.55	7.91	51.3	33.8	50.2	3.1
16-4	072199	0745	30.55	7.94	51.3	33.8	54.4	3.3
16-4	072199	0800	30.58	7.95	51.3	33.8	57.7	3.5
16-4	072199	0815	30.60	7.96	51.3	33.8	62.1	3.8
16-4	072199	0830	30.62	7.98	51.2	33.7	66.1	4.0
16-4	072199	0845	30.66	7.98	51.0	33.5	69.2	4.2
16-4	072199	0900	30.72	7.99	50.7	33.3	70.7	4.3
16-4	072199	0915	30.82	8.00	50.7	33.3	75.1	4.6
16-4	072199	0930	30.94	8.01	50.5	33.2	79.7	4.9
16-4	072199	0945	31.04	8.03	50.4	33.1	84.6	5.2
16-4	072199	1000	31.19	8.05	50.3	33.0	89.9	5.5
16-4	072199	1015	31.27	8.06	50.3	33.1	92.0	5.6
16-4	072199	1030	31.41	8.07	50.3	33.1	99.6	6.0
16-4	072199	1045	31.56	8.08	50.2	32.9	102.8	6.2
16-4	072199	1100	31.68	8.08	50.1	32.9	105.0	6.3
16-4	072199	1115	31.77	8.10	50.2	33.0	110.7	6.7
16-4	072199	1130	31.89	8.11	49.9	32.7	117.6	7.1
16-4	072199	1145	32.08	8.14	50.0	32.8	124.2	7.4
16-4	072199	1200	32.21	8.15	50.0	32.8	126.6	7.6
16-4	072199	1215	32.33	8.16	49.9	32.8	134.3	8.0
16-4	072199	1230	32.35	8.14	49.9	32.7	124.5	7.4
16-4	072199	1245	32.50	8.17	49.9	32.7	139.0	8.3
16-4	072199	1300	32.50	8.18	49.9	32.7	142.5	8.5
16-4	072199	1315	32.56	8.19	49.8	32.7	146.8	8.7
16-4	072199	1330	32.65	8.20	49.8	32.7	148.6	8.8
16-4	072199	1345	32.75	8.21	49.7	32.6	156.3	9.3
16-4	072199	1400	32.90	8.23	49.6	32.6	162.1	9.6
16-4	072199	1415	33.05	8.23	49.6	32.5	159.6	9.4
16-4	072199	1430	33.18	8.26	49.5	32.5	168.9	10.0

Hydrolab DS3 Continuous Deployment at Station 16-4

July 20-21, 1999

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent	Dissolved
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	Saturation	Oxygen
							(%)	(mg/l)
16-4	072199	1445	33.31	8.25	49.5	32.4	167.6	9.9

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
10-1	081199	0547	0.2	33.9	51.56	29.56	7.83	5.81	93.7
10-1	081199	0548	1.0	34.0	51.55	29.58	7.83	5.83	93.9
10-1	081199	0548	3.5	35.1	53.11	30.00	7.79	5.20	84.1
10-1	081199	1233	0.2	34.7	52.61	30.14	8.01	6.63	107.9
10-1	081199	1234	1.0	34.7	52.57	30.12	8.02	6.57	107.2
10-1	081199	1234	3.9	35.7	53.83	30.07	7.95	6.38	104.7
10-2	081199	0609	0.2	34.6	52.40	29.65	7.82	4.96	80.2
10-2	081199	0610	1.0	34.6	52.38	29.65	7.82	5.08	82.3
10-2	081199	0610	1.8	34.6	52.47	29.70	7.82	4.93	80.1
10-2	081199	1321	0.2	34.8	52.61	30.39	7.98	6.54	107.2
10-2	081199	1321	1.0	34.7	52.60	30.37	7.98	6.59	107.7
10-2	081199	1322	2.0	34.8	52.67	30.39	7.98	6.66	109.3
10-3	081199	0526	0.2	34.7	52.50	29.61	7.77	5.48	88.7
10-3	081199	0527	1.0	34.8	52.58	29.64	7.76	5.49	88.8
10-3	081199	0528	4.8	35.0	52.97	29.74	7.72	5.01	81.4
10-3	081199	1256	0.2	35.4	53.54	30.32	7.99	6.73	111.3
10-3	081199	1257	1.0	35.5	53.56	30.30	7.98	6.70	110.3
10-3	081199	1258	2.5	35.4	53.51	30.31	7.99	6.85	112.6
10-4	081199	0714	0.2	34.5	52.24	29.83	7.86	4.89	79.3
10-4	081199	0715	1.0	34.5	52.26	29.84	7.85	4.86	78.8
10-4	081199	0715	3.0	34.5	52.27	29.84	7.85	4.91	79.3
10-4	081199	1337	0.2	34.8	52.65	30.46	8.00	7.09	116.9
10-4	081199	1338	0.5	34.8	52.62	30.47	8.00	7.23	118.7
10-4	081199	1339	0.8	34.7	52.63	30.47	8.00	7.22	118.5
10-5	081199	0649	0.2	32.8	49.98	29.44	7.84	5.35	85.1
10-5	081199	0649	1.0	33.1	50.34	29.65	7.84	5.45	87.4
10-5	081199	0650	3.9	35.0	53.00	29.98	7.83	5.22	85.1
10-5	081199	1036	0.2	35.2	53.26	30.06	7.90	5.95	97.4
10-5	081199	1036	1.0	35.3	53.30	30.03	7.90	6.01	98.0
10-5	081199	1038	5.3	35.3	53.35	29.99	7.91	5.99	97.9

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
11-1	081199	0555	0.2	33.5	50.87	29.84	7.80	5.62	90.3
11-1	081199	0555	1.0	33.5	50.87	29.84	7.80	5.64	90.6
11-1	081199	0556	3.0	33.5	50.90	29.82	7.79	5.66	91.1
11-1	081199	1212	0.2	34.2	51.93	30.21	7.95	6.03	98.4
11-1	081199	1213	1.0	34.3	51.97	30.21	7.94	6.06	98.7
11-1	081199	1213	3.7	34.3	51.94	30.21	7.94	6.07	99.1
11-2	081199	0601	0.2	33.4	50.85	29.61	7.81	5.76	92.4
11-2	081199	0601	1.0	33.6	50.95	29.63	7.81	5.78	92.4
11-2	081199	0602	3.4	34.2	51.80	29.78	7.79	5.23	84.5
11-2	081199	1154	0.2	34.4	52.14	30.22	7.94	5.97	97.4
11-2	081199	1154	1.0	34.4	52.14	30.24	7.93	6.02	98.1
11-2	081199	1155	3.9	34.9	52.85	29.84	7.92	5.61	90.5
11-3	081199	0616	0.2	32.9	50.05	29.92	7.82	5.40	86.5
11-3	081199	0617	1.0	32.9	50.06	29.93	7.81	5.42	87.2
11-3	081199	0618	4.6	34.5	52.22	30.01	7.82	5.11	83.2
11-3	081199	1135	0.2	33.2	50.45	30.32	7.94	6.24	101.3
11-3	081199	1135	1.0	33.2	50.45	30.32	7.94	6.24	102.1
11-3	081199	1136	2.8	33.1	50.45	30.17	7.90	5.68	91.9
11-4	081199	0626	0.2	26.3	41.07	28.77	7.84	5.88	89.3
11-4	081199	0627	1.0	31.3	47.91	29.72	7.86	5.77	91.9
11-4	081199	0627	1.9	34.8	52.71	30.09	7.77	4.52	72.8
11-4	081199	1114	0.2	35.3	53.39	30.14	7.93	6.17	101.7
11-4	081199	1115	1.0	35.3	53.37	30.13	7.93	6.22	102.6
11-4	081199	1116	2.6	35.3	53.38	30.13	7.93	6.49	106.3
11-5	081199	0639	0.2	27.5	42.72	29.42	7.81	5.37	83.0
11-5	081199	0639	1.0	29.0	44.74	29.53	7.81	5.30	82.8
11-5	081199	0640	2.4	34.7	52.54	30.11	7.81	4.93	80.4
11-5	081199	1101	0.2	33.1	50.44	30.37	7.92	6.05	97.9
11-5	081199	1102	1.0	33.6	51.12	30.37	7.91	6.03	98.5
11-5	081199	1103	2.9	35.3	53.37	30.01	7.91	6.14	100.5

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
13-1	081099	0559	0.2	22.1	35.16	29.61	7.75	4.78	72.0
13-1	081099	0559	0.6	22.8	36.10	29.73	7.75	4.74	71.4
13-1	081099	0600	0.9	23.4	36.90	29.86	7.69	3.65	55.4
13-1	081099	1407	0.2	23.3	36.77	32.14	7.91	8.63	136.4
13-1	081099	1407	0.7	26.4	41.21	31.54	7.82	7.38	118.2
13-1	081099	1408	1.2	31.4	48.19	31.17	7.71	5.10	82.1
13-2	081099	0604	0.2	22.9	36.23	29.78	7.62	3.93	59.5
13-2	081099	0605	0.9	25.6	40.08	30.27	7.63	3.50	54.1
13-2	081099	0605	1.5	29.2	45.06	30.75	7.65	3.09	49.2
13-2	081099	1351	0.2	27.7	42.83	31.02	7.68	5.49	86.7
13-2	081099	1351	1.0	28.6	44.32	31.09	7.70	5.66	90.1
13-2	081099	1352	1.7	32.2	49.18	30.74	7.71	5.18	83.9
13-3	081099	0610	0.2	7.85	13.60	28.20	7.24	4.49	60.3
13-3	081099	0611	1.0	22.0	34.90	30.23	7.61	3.88	58.8
13-3	081099	0611	3.8	30.6	46.89	30.77	7.68	3.48	55.9
13-3	081099	1331	0.2	8.59	14.80	30.00	7.17	4.46	62.4
13-3	081099	1332	1.0	9.33	15.99	30.02	7.21	4.64	65.3
13-3	081099	1333	3.3	28.2	43.69	30.79	7.65	4.89	78.1
13-4	081099	0619	0.2	19.6	31.59	29.19	7.66	4.51	66.0
13-4	081099	0619	0.6	20.7	33.11	29.79	7.63	3.96	59.2
13-4	081099	0620	1.0	20.8	33.36	29.84	7.62	3.85	57.1
13-4	081099	1228	0.2	20.3	32.62	31.45	7.64	5.59	85.5
13-4	081099	1229	0.5	24.0	37.56	30.84	7.65	5.29	82.1
13-4	081099	1230	0.8	24.2	38.04	30.85	7.66	5.18	80.4
13-5	081099	0623	0.2	20.2	32.40	29.12	7.64	4.54	67.8
13-5	081099	0623	1.0	24.0	37.75	30.12	7.76	4.71	72.3
13-5	081099	0624	1.8	24.5	38.45	30.76	7.59	2.76	40.8
13-5	081099	1208	0.2	20.3	32.55	31.08	7.77	7.04	107.1
13-5	081099	1209	1.0	21.6	34.43	30.86	7.68	5.99	90.1
13-5	081099	1209	2.0	23.1	36.54	30.53	7.55	3.17	49.0

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
14-1	081099	0627	0.2	19.4	31.19	28.98	7.64	4.69	69.6
14-1	081099	0628	1.0	23.0	36.38	30.56	7.70	3.89	61.9
14-1	081099	0629	1.8	24.7	38.73	30.66	7.68	3.53	54.8
14-1	081099	1152	0.2	21.8	34.63	30.84	7.67	5.39	83.7
14-1	081099	1152	0.9	23.1	36.39	30.41	7.55	3.79	57.5
14-1	081099	1158	1.5	23.3	36.75	30.35	7.54	3.92	59.2
14-2	081099	0633	0.2	23.5	37.11	29.31	7.82	5.54	83.5
14-2	081099	0634	0.9	24.4	38.40	30.06	7.82	5.12	78.6
14-2	081099	0635	1.6	26.7	41.53	30.99	7.45	0.67	11.1
14-2	081099	1134	0.2	22.6	35.88	30.70	7.85	7.24	111.1
14-2	081099	1135	1.0	23.0	36.37	30.10	7.84	6.92	105.3
14-2	081099	1136	2.1	26.2	38.05	30.87	7.44	0.20	2.8
14-3	081099	0641	0.2	23.1	36.16	29.06	7.79	4.57	68.5
14-3	081099	0641	0.5	24.6	38.60	29.40	7.75	3.51	53.3
14-3	081099	0642	0.8	26.6	41.40	30.25	7.63	1.11	17.3
14-3	081099	1118	0.2	23.3	36.82	30.67	7.91	7.52	116.0
14-3	081099	1118	0.7	25.2	39.58	30.08	7.92	7.34	112.5
14-3	081099	1119	1.1	26.3	41.01	30.39	8.01	9.10	142.8
14-4	081099	0646	0.2	24.7	38.77	28.53	7.99	6.37	95.0
14-4	081099	0647	1.0	27.2	44.60	29.67	7.95	5.93	90.0
14-4	081099	0648	1.7	29.9	45.99	30.50	7.70	2.36	37.6
14-4	081099	1059	0.2	25.9	40.50	30.20	7.99	7.32	113.5
14-4	081099	1100	0.8	26.7	41.51	29.90	7.99	7.72	119.5
14-4	081099	1100	1.4	30.0	46.12	30.78	7.70	3.18	48.5
14-5	081099	0651	0.2	24.9	39.10	28.21	7.96	6.04	90.3
14-5	081099	0651	0.7	25.3	39.54	28.30	7.93	5.61	84.4
14-5	081099	0652	1.1	28.6	43.35	29.84	7.76	2.51	39.4
14-5	081099	1042	0.2	26.2	41.85	30.38	7.92	6.19	95.3
14-5	081099	1045	0.6	29.2	45.14	30.62	7.89	5.90	92.9
14-5	081099	1045	0.9	29.4	45.28	30.633	7.82	4.73	74.5

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
16-1	081199	0506	0.2	28.3	43.78	30.40	7.90	5.43	85.8
16-1	081199	0506	0.7	28.4	43.90	30.39	7.90	5.42	85.6
16-1	081199	0507	1.1	28.5	44.01	30.40	7.89	5.41	84.9
16-1	081199	1401	0.2	29.6	45.51	31.52	7.94	7.81	127.0
16-1	081199	1402	1.0	29.9	45.90	31.50	7.93	7.76	125.9
16-1	081199	1402	2.0	29.9	45.99	31.49	7.93	7.65	123.6
16-2	081199	0517	0.2	24.5	38.50	30.49	7.75	4.68	72.9
16-2	081199	0517	0.7	29.3	45.19	30.31	7.84	5.47	87.3
16-2	081199	0518	1.2	29.3	45.20	30.27	7.84	5.41	85.9
16-2	081199	1335	0.2	28.9	45.08	31.71	7.98	9.15	148.4
16-2	081199	1335	0.9	30.2	46.49	31.60	7.97	8.60	141.5
16-2	081199	1336	1.6	30.5	46.78	31.56	7.95	8.40	137.3
16-3	081199	0524	0.2	28.0	43.31	29.84	7.81	5.48	85.2
16-3	081199	0525	1.0	30.1	46.27	30.41	7.84	5.80	92.2
16-3	081199	0525	1.7	32.3	49.34	30.81	7.68	3.60	57.4
16-3	081199	1316	0.2	32.7	49.80	31.46	7.86	7.28	119.9
16-3	081199	1317	1.0	32.9	50.46	31.22	7.84	6.95	112.8
16-3	081199	1317	1.8	34.2	51.87	30.94	7.76	5.84	95.7
16-4	081199	0531	0.2	30.9	47.43	30.31	7.81	5.57	88.9
16-4	081199	0532	0.7	32.7	49.77	30.66	7.76	4.74	77.0
16-4	081199	0532	1.1	32.3	49.34	30.68	7.76	4.68	76.8
16-4	081199	1259	0.2	34.0	51.61	31.53	7.79	6.47	107.7
16-4	081199	1259	0.7	34.0	51.61	31.70	7.78	6.34	106.0
16-4	081199	1300	1.2	35.0	52.99	31.30	7.78	6.46	107.7
16-5	081199	0539	0.2	31.7	48.46	29.80	7.74	4.51	72.2
16-5	081199	0540	0.4	31.8	48.52	29.78	7.74	4.48	72.0
16-5	081199	0540	0.6	32.4	49.42	29.46	7.67	3.47	55.2
16-5	081199	1244	0.2	35.1	53.01	31.53	7.77	6.22	104.5
16-5	081199	1245	0.9	35.2	53.35	31.55	7.77	6.33	105.8
16-5	081199	1246	1.5	35.3	53.43	31.54	7.77	6.27	105.3

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	081199	0623	0.2	28.2	43.66	30.57	7.54	3.90	61.6
LB-1	081199	0623	1.0	28.7	44.42	30.84	7.56	3.84	61.4
LB-1	081199	0624	3.2	29.2	44.96	31.52	7.56	3.13	51.1
LB-1	081199	1154	0.2	27.1	42.26	31.85	7.41	3.84	60.4
LB-1	081199	1155	1.0	27.4	42.57	31.76	7.41	3.62	58.3
LB-1	081199	1155	3.7	27.4	42.54	31.56	7.39	3.29	52.7
LB-2	081199	0630	0.2	29.8	45.90	30.52	7.60	3.22	51.0
LB-2	081199	0630	0.5	30.0	46.20	30.61	7.63	3.53	55.8
LB-2	081199	0631	0.8	30.1	46.32	30.63	7.63	3.54	56.8
LB-2	081199	1134	0.2	28.1	43.54	31.80	7.52	4.21	68.0
LB-2	081199	1134	0.7	28.5	44.06	31.81	7.56	4.44	72.0
LB-2	081199	1135	1.1	28.7	44.30	31.81	7.56	4.40	71.3
LB-3	081199	0639	0.2	32.6	49.71	30.18	7.71	2.98	48.6
LB-3	081199	0640	0.6	32.7	49.77	30.18	7.71	2.95	47.7
LB-3	081199	0640	0.9	32.9	50.05	30.20	7.70	2.76	44.2
LB-3	081199	1112	0.2	32.5	49.46	31.01	7.75	4.95	80.6
LB-3	081199	1113	0.8	32.6	49.61	30.97	7.75	4.99	81.7
LB-3	081199	1113	1.3	33.0	50.20	30.89	7.79	5.68	92.4
LB-4	081199	0649	0.2	34.2	51.88	29.53	7.63	1.68	27.0
LB-4	081199	0650	0.5	34.3	51.95	29.54	7.63	1.65	26.4
LB-4	081199	0650	0.7	34.3	52.03	29.55	7.63	1.58	24.9
LB-4	081199	1048	0.2	34.4	52.18	30.69	7.86	5.86	96.2
LB-4	081199	1048	0.6	34.6	52.37	30.67	7.86	5.93	98.4
LB-4	081199	1049	1.0	34.7	52.60	30.68	7.86	6.19	101.4
LB-5	081199	0656	0.2	34.5	52.22	30.27	7.65	2.62	42.8
LB-5	081199	0657	0.9	34.8	52.63	30.27	7.65	2.37	39.0
LB-5	081199	0657	1.6	34.7	52.51	30.27	7.65	2.31	38.3
LB-5	081199	1025	0.2	34.7	52.51	30.35	7.66	3.46	56.8
LB-5	081199	1026	1.0	34.9	52.86	30.39	7.66	3.38	55.5
LB-5	081199	1026	1.8	34.8	52.75	30.27	7.68	3.62	59.8

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
ML-1	081099	0632	0.2	0.98	1.84	28.60	7.03	3.44	44.7
ML-1	081099	0632	0.5	0.98	1.81	28.60	7.03	3.39	44.1
ML-1	081099	0633	0.8	0.96	1.81	28.68	7.05	3.42	44.7
ML-1	081099	1148	0.2	1.10	2.06	29.50	7.06	3.94	52.0
ML-1	081099	1148	0.6	1.10	2.05	29.48	7.07	3.91	51.6
ML-1	081099	1149	1.0	1.10	2.05	29.47	7.07	3.90	51.4
ML-2	081099	0639	0.2	1.07	2.00	28.79	7.08	3.70	48.3
ML-2	081099	0640	0.6	1.07	2.00	28.80	7.08	3.66	47.7
ML-2	081099	0640	0.9	1.07	2.00	28.80	7.08	3.64	47.5
ML-2	081099	1131	0.2	1.06	1.99	29.69	7.11	4.21	55.8
ML-2	081099	1132	0.5	1.07	2.00	29.72	7.10	4.13	54.7
ML-2	081099	1132	0.7	1.07	2.00	29.75	7.10	4.12	54.6
ML-3	081099	0646	0.2	1.19	2.22	28.85	7.13	3.96	51.7
ML-3	081099	0647	1.0	1.19	2.23	28.85	7.13	3.91	51.1
ML-3	081099	0647	2.1	1.21	2.25	28.82	7.12	3.87	50.6
ML-3	081099	1111	0.2	1.10	2.06	29.42	7.12	4.11	54.1
ML-3	081099	1112	0.4	1.10	2.05	29.33	7.11	4.00	52.8
ML-3	081099	1112	0.6	1.09	2.03	29.16	7.10	3.90	51.4
ML-4	081099	0657	0.2	1.55	2.88	28.78	7.16	4.32	56.5
ML-4	081099	0657	1.0	1.55	2.88	28.78	7.16	4.26	55.7
ML-4	081099	0658	3.2	1.52	2.82	28.76	7.16	4.25	55.6
ML-4	081099	1049	0.2	1.50	2.79	29.31	7.17	4.32	57.1
ML-4	081099	1050	1.0	1.52	2.81	29.20	7.16	4.28	56.4
ML-4	081099	1050	1.8	1.53	2.84	29.19	7.17	4.29	56.6
ML-5	081099	0718	0.2	2.96	5.38	28.99	7.23	4.69	62.1
ML-5	081099	0719	0.5	2.98	5.42	29.01	7.23	4.63	61.4
ML-5	081099	0720	0.7	2.99	5.43	29.00	7.23	4.63	61.4
ML-5	081099	1019	0.2	3.20	5.82	29.51	7.33	5.44	72.7
ML-5	081099	1020	0.6	3.36	6.07	29.15	7.27	4.87	64.9
ML-5	081099	1020	0.9	3.35	6.07	29.14	7.27	4.83	64.3

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
MU-1	081099	0526	0.2	0.14	0.29	28.06	6.92	3.57	45.8
MU-1	081099	0528	0.9	0.14	0.29	28.08	6.93	3.52	45.0
MU-1	081099	0529	1.5	0.14	0.29	28.08	6.94	3.55	45.4
MU-1	081099	1340	0.2	0.14	0.29	29.86	6.85	3.85	50.9
MU-1	081099	1341	1.0	0.14	0.29	29.66	6.84	3.69	48.4
MU-1	081099	1341	1.7	0.14	0.29	28.70	6.82	3.42	44.3
MU-2	081099	0541	0.2	0.15	0.30	28.30	6.93	3.00	38.5
MU-2	081099	0541	1.0	0.15	0.30	28.35	6.92	2.94	37.8
MU-2	081099	0542	1.7	0.15	0.30	28.31	6.92	2.99	38.5
MU-2	081099	1317	0.2	0.15	0.31	30.07	6.86	3.46	45.8
MU-2	081099	1318	1.0	0.15	0.31	29.25	6.84	3.15	41.2
MU-2	081099	1318	2.1	0.15	0.31	28.73	6.84	3.01	39.0
MU-3	081099	0559	0.2	0.19	0.38	28.12	6.94	3.09	39.6
MU-3	081099	0600	0.7	0.19	0.38	28.15	6.95	3.04	39.1
MU-3	081099	0600	1.1	0.19	0.38	28.13	6.94	2.99	38.5
MU-3	081099	1252	0.2	0.19	0.38	30.12	6.92	3.56	47.2
MU-3	081099	1253	0.6	0.19	0.38	29.88	6.92	3.44	45.5
MU-3	081099	1254	0.9	0.19	0.38	29.80	6.91	3.40	44.8
MU-4	081099	0608	0.2	0.22	0.43	28.20	6.91	3.01	38.7
MU-4	081099	0609	0.6	0.22	0.43	28.18	6.92	3.00	38.5
MU-4	081099	0609	1.0	0.22	0.43	28.20	6.92	2.97	38.2
MU-4	081099	1235	0.2	0.23	0.45	29.51	6.91	3.34	43.9
MU-4	081099	1235	0.6	0.23	0.45	29.34	6.91	3.26	42.7
MU-4	081099	1236	1.0	0.22	0.45	29.33	6.91	3.25	42.5
MU-5	081099	0619	0.2	0.64	1.22	28.36	6.96	3.22	41.5
MU-5	081099	0620	0.7	0.66	1.25	28.38	6.96	3.15	40.7
MU-5	081099	0620	1.2	0.71	1.35	28.41	6.96	3.14	40.6
MU-5	081099	1210	0.2	0.79	1.50	29.36	6.95	3.58	47.1
MU-5	081099	1211	0.9	0.85	1.60	29.32	6.95	3.53	46.4
MU-5	081099	1212	1.5	0.86	1.62	29.29	6.95	3.49	45.9

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	081199	0547	27.35444	-82.58500	27.35465	-82.58540	3.7			
10-1	081199	1233	27.35444	-82.58500	27.35445	-82.58467	4.1	2.0	991704	0.82
10-2	081199	0609	27.33528	-82.56750	27.33550	-82.56693	2.0			
10-2	081199	1321	27.33528	-82.56750	27.33483	-82.56775	2.2	1.5	991701	0.62
10-3	081199	0526	27.33111	-82.58444	27.33103	-82.58375	5.0			
10-3	081199	1256	27.33111	-82.58444	27.33127	-82.58452	2.7	2.0	991709	0.44
10-4	081199	0714	27.32889	-82.57028	27.33013	-82.56980	3.2			
10-4	081199	1337	27.32889	-82.57028	27.32920	-82.57010	1.0	>B	991703	0.57
10-5	081199	0649	27.31250	-82.55389	27.31268	-82.55427	4.1			
10-5	081199	1036	27.31250	-82.55389	27.31223	-82.55348	5.5	3.0	991710	0.62
11-1	081199	0555	27.36222	-82.56333	27.36195	-82.56265	3.2			
11-1	081199	1212	27.36222	-82.56333	27.36230	-82.56265	3.9	1.5	991706	0.84
11-2	081199	0601	27.35333	-82.56250	27.35363	-82.56162	3.6			
11-2	081199	1154	27.35333	-82.56250	27.35325	-82.56175	4.1	2.0	991705	0.74
11-3	081199	0616	27.33972	-82.55306	27.34000	-82.55302	4.8			
11-3	081199	1135	27.33972	-82.55306	27.33968	-82.55315	3.0	1.5	991702	0.51
11-4	081199	0626	27.31917	-82.54778	27.31963	-82.54767	2.1			
11-4	081199	1114	27.31917	-82.54778	27.31930	-82.54725	2.8	2.0	991700	0.54
11-5	081199	0639	27.30889	-82.54333	27.30900	-82.54330	2.6			
11-5	081199	1101	27.30889	-82.54333	27.30880	-82.54335	3.1	2.0	991708	0.83
13-1	081099	0559	27.29611	-82.54278	27.29585	-82.54450	1.1			
13-1	081099	1407	27.29611	-82.54278	27.29613	-82.54277	1.4	0.8	991720	1.42
13-2	081099	0604	27.28611	-82.55056	27.28603	-82.55072	1.7			
13-2	081099	1351	27.28611	-82.55056	27.28613	-82.55052	1.9	1.0	991713	1.36
13-3	081099	0610	27.27389	-82.54500	27.27425	-82.54362	4.0			
13-3	081099	1331	27.27389	-82.54500	27.27470	-82.54388	3.5	0.5	991711	2.11
13-4	081099	0619	27.25250	-82.52944	27.25208	-82.52893	1.2			
13-4	081099	1228	27.25250	-82.52944	27.25265	-82.52960	1.0	>B	991717	1.31
13-5	081099	0623	27.24889	-82.52278	27.24858	-82.52297	2.0			
13-5	081099	1208	27.24889	-82.52278	27.24850	-82.52275	2.2	0.8	991712	1.61
14-1	081099	0627	27.24278	-82.52222	27.24267	-82.52288	2.0			
14-1	081099	1152	27.24278	-82.52222	27.24277	-82.52200	1.7	0.8	991715	1.51
14-2	081099	0633	27.23167	-82.50806	27.23145	-82.50910	1.8			
14-2	081099	1134	27.23167	-82.50806	27.23187	-82.50828	2.3	0.7	991714	1.36
14-3	081099	0641	27.20972	-82.50389	27.20982	-82.50358	1.0			
14-3	081099	1118	27.20972	-82.50389	27.20978	-82.50348	1.3	0.8	991716	1.10
14-4	081099	0646	27.19611	-82.49639	27.19567	-82.49650	1.9			
14-4	081099	1059	27.19611	-82.49639	27.19658	-82.49675	1.6	0.8	991721	1.01
14-5	081099	0651	27.19028	-82.49972	27.19022	-82.49985	1.3			
14-5	081099	1042	27.19028	-82.49972	27.19033	-82.49965	1.1	0.8	991718	1.15

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
16-1	081199	0506	27.17806	-82.49333	27.17787	-82.49348	1.3			
16-1	081199	1401	27.17806	-82.49333	27.17818	-82.49348	2.2	0.6	991743	1.17
16-2	081199	0517	27.16583	-82.48694	27.16605	-82.48662	1.4			
16-2	081199	1335	27.16583	-82.48694	27.16580	-82.48647	1.8	0.6	991742	0.94
16-3	081199	0524	27.15472	-82.47889	27.15447	-82.47908	1.9			
16-3	081199	1316	27.15472	-82.47889	27.15468	-82.47882	2.0	0.8	991739	0.94
16-4	081199	0531	27.14194	-82.47417	27.14433	-82.47415	1.3			
16-4	081199	1259	27.14194	-82.47417	27.14400	-82.47437	1.4	0.8	991736	0.68
16-5	081199	0539	27.13472	-82.46917	27.13415	-82.46970	0.8			
16-5	081199	1244	27.13472	-82.46917	27.13448	-82.46892	1.7	1.0	991738	0.85
LB-1	081199	0623	27.03833	-82.42750	27.03807	-82.42730	3.4			
LB-1	081199	1154	27.03833	-82.42750	27.03793	-82.42735	3.9	0.8	991740	1.30
LB-2	081199	0630	27.01861	-82.41611	27.01848	-82.41573	1.0			
LB-2	081199	1134	27.01861	-82.41611	27.01835	-82.41575	1.3	0.8	991741	1.30
LB-3	081199	0639	26.99056	-82.39889	26.99043	-82.39820	1.1			
LB-3	081199	1112	26.99056	-82.39889	26.99032	-82.39858	1.5	1.0	991733	0.64
LB-4	081199	0649	26.96917	-82.38167	26.96905	-82.38103	0.9			
LB-4	081199	1048	26.96917	-82.38167	26.96908	-82.38157	1.2	0.8	991734	0.75
LB-5	081199	0656	26.96556	-82.37417	26.96548	-82.37380	1.8			
LB-5	081199	1025	26.96556	-82.37417	26.96555	-82.37352	2.0	1.5	991735	0.70
ML-1	081099	0632	27.04028	-82.28417	27.04008	-82.28400	1.0			
ML-1	081099	1148	27.04028	-82.28417	27.04057	-82.28395	1.2	0.5	991724	3.92
ML-2	081099	0639	27.03639	-82.27972	27.03558	-82.28030	1.1			
ML-2	081099	1131	27.03639	-82.27972	27.03635	-82.28037	0.9	0.5	991726	3.87
ML-3	081099	0646	27.03444	-82.27417	27.03163	-82.27547	2.3			
ML-3	081099	1111	27.03444	-82.27417	27.03380	-82.27377	0.8	0.5	991728	3.52
ML-4	081099	0657	27.02222	-82.27500	27.02190	-82.27470	3.4			
ML-4	081099	1049	27.02222	-82.27500	27.02245	-82.27460	2.0	0.5	991727	4.37
ML-5	081099	0718	27.00056	-82.26111	27.00082	-82.26077	0.9			
ML-5	081099	1019	27.00056	-82.26111	27.00060	-82.26042	1.1	0.6	991730	4.34
MU-1	081099	0526	27.09389	-82.32778	27.09323	-82.32687	1.7			
MU-1	081099	1340	27.09389	-82.32778	27.09415	-82.32707	1.9	0.8	991731	4.07
MU-2	081099	0541	27.08444	-82.32000	27.08583	-82.32208	1.9			
MU-2	081099	1317	27.08444	-82.32000	27.08395	-82.32022	2.3	0.7	991722	4.07
MU-3	081099	0559	27.06778	-82.31333	27.06818	-82.31357	1.3			
MU-3	081099	1252	27.06778	-82.31333	27.06778	-82.31320	1.1	0.7	991723	4.08
MU-4	081099	0608	27.06250	-82.30944	27.06260	-82.30960	1.2			
MU-4	081099	1235	27.06250	-82.30944	27.06247	-82.30920	1.2	0.7	991729	3.54
MU-5	081099	0619	27.04861	-82.29361	27.04892	-82.29402	1.4			
MU-5	081099	1210	27.04861	-82.29361	27.04855	-82.29375	1.7	0.6	991732	3.86

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH ₄ -N Diss (mg/l)	NO ₂₃ -N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO ₄ -P Diss (mg/l)	Total P (mg/l)	BOD ₅ (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	1.0M	1233	991704	8/11/1999	0.008	U0.005	U0.005	0.11	0.11	0.008	0.30	1.8	7	3.2	12	8.35	8.5	U0.5	34.7
10-2	1.0M	1321	991701	8/11/1999	0.010	U0.005	U0.005	U0.05	U0.05	0.009	0.12	1.7	11	4.0	12	8.30	9.0	1.2	34.8
10-2 REP	1.0M	1335	991707	8/11/1999	0.006	U0.005	U0.005	0.07	0.07	0.007	0.25	1.9	9	3.8	11	8.32	8.5	0.8	NA
10-3	1.0M	1256	991709	8/11/1999	0.014	U0.005	U0.005	U0.05	U0.05	0.008	0.27	1.6	6	2.4	10	8.32	7.0	U0.5	35.4
10-4	MID	1347	991703	8/11/1999	0.013	U0.005	U0.005	0.13	0.13	0.007	0.12	2.0	8	3.4	11	8.33	8.4	1.5	34.8
10-5	1.0M	1036	991710	8/11/1999	0.024	U0.005	U0.005	0.06	0.06	0.009	0.27	0.8	5	2.6	11	8.26	3.5	1.9	35.2
11-1	1.0M	1212	991706	8/11/1999	0.027	U0.005	U0.005	0.09	0.09	0.011	0.27	1.8	11	5.4	12	8.29	10.1	1.8	34.2
11-2	1.0M	1153	991705	8/11/1999	0.010	U0.005	U0.005	0.11	0.11	0.009	0.31	1.5	9	3.9	11	8.29	9.4	0.9	34.4
11-3	1.0M	1135	991702	8/11/1999	0.011	U0.005	U0.005	0.09	0.09	0.013	0.13	2.0	17	5.2	13	8.29	11.9	1.9	33.2
11-4	1.0M	1114	991700	8/11/1999	0.013	U0.005	U0.005	U0.05	U0.05	0.008	0.12	1.1	6	3.1	9	8.28	4.1	0.7	35.3
11-5	1.0M	1101	991708	8/11/1999	0.009	U0.005	U0.005	0.14	0.14	0.012	0.27	1.2	7	3.0	12	8.22	7.5	0.6	33.1
13-1	MID	1406	991720	8/10/1999	0.013	U0.005	U0.005	0.39	0.39	0.060	0.21	3.8	10	5.4	46	8.35	23.9	3.2	23.3
13-1 REP	MID	1416	991719	8/10/1999	0.011	U0.005	U0.005	0.34	0.34	0.061	0.17	4.0	8	5.3	48	8.44	24.1	3.5	NA
13-2	MID	1350	991713	8/10/1999	0.019	U0.005	U0.005	0.30	0.30	0.050	0.18	2.5	11	5.2	36	8.24	28.6	4.5	27.7
13-3	1.0M	1331	991711	8/10/1999	0.085	0.087	0.085	0.61	0.70	0.172	0.28	2.4	9	7.0	90	7.59	19.6	3.8	8.59
13-4	MID	1228	991717	8/10/1999	0.015	0.018	0.017	0.42	0.44	0.086	0.18	2.5	8	4.4	49	8.13	20.4	2.4	20.3
13-5	1.0M	1208	991712	8/10/1999	0.007	U0.005	U0.005	0.48	0.48	0.076	0.19	3.2	8	5.3	55	8.15	35.6	6.0	20.3
14-1	MID	1152	991715	8/10/1999	0.013	0.011	0.010	0.67	0.68	0.077	0.27	2.5	9	4.9	50	8.16	26.0	4.3	21.8
14-2	1.0M	1134	991714	8/10/1999	0.007	U0.005	U0.005	0.61	0.61	0.049	0.25	3.3	10	4.9	42	8.37	22.0	3.2	22.6
14-3	MID	1116	991716	8/10/1999	0.010	U0.005	U0.005	0.56	0.56	0.009	0.14	4.1	10	4.4	40	8.41	24.0	1.8	23.3
14-4	MID	1059	991721	8/10/1999	0.011	U0.005	U0.005	0.53	0.53	0.008	0.18	3.3	9	4.1	29	8.49	18.8	U0.5	25.9
14-5	MID	1040	991718	8/10/1999	0.014	U0.005	U0.005	0.51	0.51	0.010	0.17	4.0	16	7.2	29	8.35	26.0	1.5	26.2

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH ₄ -N Diss (mg/l)	NO ₂₃ -N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO ₄ -P Diss (mg/l)	Total P (mg/l)	BOD ₅ (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	1.0M	1400	991743	8/11/1999	0.012	U0.005	U0.005	0.33	0.33	0.007	0.16	2.6	17	5.0	28	8.43	20.6	1.4	29.6
16-2	MID	1334	991742	8/11/1999	0.018	0.007	0.008	0.54	0.55	0.045	0.20	2.5	12	5.0	55	8.36	22.5	2.2	28.9
16-3	1.0M	1316	991739	8/11/1999	0.010	U0.005	U0.005	0.26	0.26	0.007	0.17	2.8	21	6.7	26	8.41	20.5	1.9	32.7
16-4	MID	1258	991736	8/11/1999	0.012	U0.005	U0.005	0.09	0.09	0.010	0.15	2.3	11	6.1	22	8.34	16.7	0.6	34.0
16-5	MID	1245	991738	8/11/1999	0.015	U0.005	U0.005	U0.05	U0.05	0.017	0.16	0.9	10	6.8	18	8.33	6.9	1.8	35.1
LB-1	1.0M	1153	991740	8/11/1999	0.084	0.057	0.057	0.29	0.35	0.087	0.28	1.1	13	3.7	44	7.93	6.9	2.8	27.1
LB-2	MID	1134	991741	8/11/1999	0.018	0.016	0.017	0.40	0.42	0.091	0.32	2.1	8	3.8	39	8.03	10.8	4.3	28.1
LB-3	MID	1112	991733	8/11/1999	0.010	U0.005	U0.005	0.35	0.35	0.067	0.24	2.3	4	2.2	26	8.25	10.3	0.9	32.5
LB-4	MID	1045	991734	8/11/1999	0.010	U0.005	U0.005	0.48	0.48	0.028	0.18	3.4	12	3.6	25	8.36	14.0	1.9	34.4
LB-5	1.0M	1624	991735	8/11/1999	0.014	U0.005	U0.005	0.34	0.34	0.026	0.16	2.4	6	2.7	20	8.17	9.8	1.4	34.7
LB-5 REP	1.0M	1030	991737	8/11/1999	0.012	U0.005	U0.005	0.33	0.33	0.025	0.17	2.2	3	2.5	20	8.18	8.3	1.1	NA
ML-1	MID	1148	991724	8/10/1999	0.063	0.082	0.080	1.08	1.16	0.322	0.42	1.9	4	3.0	210	7.09	7.0	2.6	1.10
ML-2	MID	1131	991726	8/10/1999	0.060	0.084	0.082	1.07	1.15	0.318	0.38	2.1	3	2.8	220	7.21	6.5	2.6	1.06
ML-3	MID	1111	991728	8/10/1999	0.063	0.079	0.080	1.22	1.30	0.323	0.40	1.9	4	3.6	210	7.13	7.2	4.2	1.10
ML-4	1.0M	1049	991727	8/10/1999	0.053	0.074	0.076	1.04	1.12	0.304	0.36	2.0	4	3.5	210	7.25	10.1	4.1	1.50
ML-5	MID	1015	991730	8/10/1999	0.017	0.035	0.032	1.10	1.13	0.290	0.39	2.0	6	4.5	200	7.29	27.3	5.6	3.20
ML-5 REP	MID	1030	991725	8/10/1999	0.017	0.039	0.039	1.14	1.18	0.290	0.40	1.9	7	4.8	230	7.41	25.9	6.1	NA
MU-1	MID	1340	991731	8/10/1999	0.077	0.067	0.068	1.33	1.40	0.391	0.46	1.7	U2	1.2	210	7.05	3.0	U0.5	0.14
MU-2	1.0M	1317	991722	8/10/1999	0.086	0.079	0.081	1.30	1.38	0.406	0.49	2.0	U2	1.3	220	6.94	1.3	0.7	0.15
MU-3	MID	1252	991723	8/10/1999	0.083	0.090	0.092	1.29	1.38	0.403	0.44	2.1	U2	1.5	220	7.29	2.2	1.2	0.19
MU-4	MID	1235	991729	8/10/1999	0.088	0.090	0.091	1.36	1.45	0.393	0.51	2.0	U2	1.5	220	6.98	0.8	1.7	0.23
MU-5	MID	1210	991732	8/10/1999	0.068	0.079	0.080	1.14	1.22	0.354	0.40	2.1	U2	2.1	210	6.98	3.7	1.0	0.79
EQP BLK		1425	991745	8/11/1999	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.43	U0.5	U0.5	NA
EQP BLK		1550	991744	8/11/1999	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.14	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rainfall		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)
			Begin (EST)	End (EST)	No	Yes	Min (%)	Max				
081099	AM	13	0559	0623	0		60	- 80	25.9	60	<5	<0.5
081099	PM	13	1208	1407	0		45	- 65		200 - 225	<5 - 5	<0.5 - 0.5
081099	AM	14	0627	0651	0		50	- 60		Calm	<5	<0.5
081099	PM	14	1042	1152	0		35	- 60	30.3	210 - 240	5 - 10	<0.5 - 0.5
081099	AM	ML	0632	0718	0		60	- 80		Calm	<5	<0.5
081099	PM	ML	1019	1148	0		50	- 60	28.6	90 - 270	<5 - 10	<0.5 - 0.5
081099	AM	MU	0526	0619	0	- 1	80	- 90	25.6	Calm	<5	<0.5
081099	PM	MU	1210	1340	0		50	- 60		225 - 270	<5 - 5	<0.5
081199	AM	10	0526	0714	0		30	- 50	29.3	20 - 60	5 - 10	<0.5 - 1.0
081199	PM	10	1036	1337	0		40	- 80		30 - 310	5 - 10	<0.5 - 1.0
081199	AM	11	0555	0639	0		40	- 50		40 - 60	5 - 10	1.0
081199	PM	11	1101	1212	0		50	- 75		210 - 330	5 - 10	<0.5 - 2.0
081199	AM	16	0506	0539	0		30		30.7	240	10	<0.5
081199	PM	16	1244	1401	0		50	- 75		300 - 350	10	<0.5
081199	AM	LB	0623	0656	0		30	- 40		240	5 - 10	<0.5 - 0.5
081199	PM	LB	1025	1154	0		30	- 40	30.3	270 - 320	10	<0.5 - 1.0

Hydrolab DS3 Continuous Deployment at Station 14-5

August 10-11, 1999

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
14-5	081099	1030	30.50	7.84	44.4	28.7	34.6	2.2
14-5	081099	1045	30.50	7.93	44.5	28.8	38.5	2.4
14-5	081099	1100	30.60	7.98	44.5	28.8	48.8	3.1
14-5	081099	1115	30.44	8.04	44.6	28.8	64.5	4.1
14-5	081099	1130	30.54	8.02	44.6	28.9	61.2	3.9
14-5	081099	1145	30.54	8.03	44.6	28.9	66.3	4.2
14-5	081099	1200	30.62	8.05	44.7	28.9	71.7	4.5
14-5	081099	1215	30.60	8.05	44.7	28.9	68.6	4.3
14-5	081099	1230	30.60	8.06	44.7	28.9	76.6	4.8
14-5	081099	1245	30.48	8.07	44.7	29.0	81.3	5.1
14-5	081099	1300	30.46	8.07	44.7	28.9	73.1	4.6
14-5	081099	1315	30.48	8.08	44.7	29.0	92.3	5.8
14-5	081099	1330	30.52	8.09	44.7	29.0	90.2	5.7
14-5	081099	1345	30.56	8.07	44.7	29.0	81.6	5.1
14-5	081099	1400	30.58	8.04	44.7	29.0	79.3	5.0
14-5	081099	1415	30.60	8.05	44.7	29.0	89.7	5.6
14-5	081099	1430	30.66	8.03	44.8	29.0	68.4	4.3
14-5	081099	1445	30.70	8.04	44.8	29.0	68.1	4.3
14-5	081099	1500	30.72	8.00	44.8	29.0	60.3	3.8
14-5	081099	1515	30.78	8.01	44.7	29.0	59.9	3.8
14-5	081099	1530	30.86	8.04	44.8	29.0	60.2	3.8
14-5	081099	1545	31.01	8.03	44.8	29.0	78.6	4.9
14-5	081099	1600	31.05	8.06	44.7	29.0	83.3	5.2
14-5	081099	1615	31.11	8.09	44.8	29.0	85.3	5.3
14-5	081099	1630	31.17	8.13	44.7	29.0	92.7	5.8
14-5	081099	1645	31.17	8.10	44.7	29.0	87.4	5.4
14-5	081099	1700	31.19	8.09	44.7	29.0	83.0	5.2
14-5	081099	1715	31.25	8.16	44.8	29.0	102.8	6.4
14-5	081099	1730	31.27	8.23	44.7	29.0	115.6	7.2
14-5	081099	1745	31.35	8.18	44.7	28.9	113.3	7.0
14-5	081099	1800	31.46	8.20	44.6	28.9	104.0	6.5
14-5	081099	1815	31.56	8.22	44.5	28.8	119.5	7.4
14-5	081099	1830	31.71	8.29	44.3	28.6	131.6	8.1
14-5	081099	1845	31.79	8.25	44.0	28.5	122.0	7.5

Hydrolab DS3 Continuous Deployment at Station 14-5

August 10-11, 1999

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
14-5	081099	1900	31.83	8.23	43.6	28.1	113.5	7.0
14-5	081099	1915	31.89	8.22	43.3	28.0	111.4	6.9
14-5	081099	1930	31.87	8.18	43.1	27.8	103.1	6.4
14-5	081099	1945	31.83	8.15	43.0	27.7	79.0	4.9
14-5	081099	2000	31.77	8.13	42.6	27.4	69.8	4.3
14-5	081099	2015	31.71	8.07	42.5	27.3	49.3	3.1
14-5	081099	2030	31.64	8.04	42.1	27.1	40.6	2.5
14-5	081099	2045	31.60	8.02	41.9	26.9	33.4	2.1
14-5	081099	2100	31.56	7.99	41.7	26.8	30.7	1.9
14-5	081099	2115	31.56	7.99	41.6	26.7	26.8	1.7
14-5	081099	2130	31.54	7.93	41.6	26.7	15.8	1.0
14-5	081099	2145	31.54	7.93	41.7	26.8	16.6	1.0
14-5	081099	2200	31.46	7.95	41.5	26.6	15.8	1.0
14-5	081099	2215	31.42	7.93	41.4	26.6	10.4	0.7
14-5	081099	2230	31.33	7.95	41.3	26.5	15.3	1.0
14-5	081099	2245	31.40	7.91	41.3	26.5	5.7	0.4
14-5	081099	2300	31.44	7.91	41.3	26.5	5.8	0.4
14-5	081099	2315	31.42	7.91	41.4	26.6	10.3	0.7
14-5	081099	2330	31.44	7.85	41.9	26.9	1.7	0.1
14-5	081099	2345	31.42	7.89	41.8	26.8	3.9	0.2
14-5	081199	0000	31.48	7.84	42.4	27.3	3.2	0.2
14-5	081199	0015	31.38	7.83	43.0	27.7	0.8	0.1
14-5	081199	0030	31.38	8.07	43.3	27.9	68.6	4.3
14-5	081199	0045	31.38	8.18	43.3	27.9	73.1	4.6
14-5	081199	0100	31.38	8.11	43.2	27.9	72.5	4.5
14-5	081199	0115	31.31	8.06	43.3	28.0	54.7	3.4
14-5	081199	0130	31.33	8.06	43.3	28.0	48.8	3.1
14-5	081199	0145	31.33	8.04	43.4	28.0	42.8	2.7
14-5	081199	0200	31.31	7.98	43.4	28.0	35.1	2.2
14-5	081199	0215	31.29	7.98	43.4	28.0	30.8	1.9
14-5	081199	0230	31.29	7.94	43.3	27.9	23.2	1.5
14-5	081199	0245	31.29	7.86	43.3	27.9	15.9	1.0
14-5	081199	0300	31.27	7.95	43.0	27.8	15.6	1.0
14-5	081199	0315	31.25	7.98	43.1	27.8	17.4	1.1
14-5	081199	0330	31.25	7.95	43.4	28.0	19.6	1.2

Hydrolab DS3 Continuous Deployment at Station 14-5

August 10-11, 1999

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
14-5	081199	0345	31.25	7.91	43.4	28.0	17.4	1.1
14-5	081199	0400	31.23	7.98	43.3	27.9	34.4	2.2
14-5	081199	0415	31.21	7.95	43.3	27.9	45.2	2.8
14-5	081199	0430	31.17	7.94	43.3	27.9	30.6	1.9
14-5	081199	0445	31.13	7.83	43.2	27.9	34.9	2.2
14-5	081199	0500	31.15	7.89	43.2	27.9	16.5	1.0
14-5	081199	0515	31.15	7.82	43.3	28.0	2.4	0.2
14-5	081199	0530	31.15	7.81	43.3	28.0	8.1	0.5
14-5	081199	0545	31.15	7.82	43.3	28.0	10.6	0.7
14-5	081199	0600	31.11	7.81	43.3	28.0	5.3	0.3
14-5	081199	0615	31.11	7.78	43.3	28.0	1.1	0.1
14-5	081199	0630	31.11	7.78	43.3	28.0	0.7	0.0
14-5	081199	0645	31.11	7.76	43.3	28.0	0.6	0.0
14-5	081199	0700	31.09	7.74	43.2	27.9	11.1	0.7
14-5	081199	0715	31.13	7.68	43.3	27.9	0.6	0.0
14-5	081199	0730	31.11	7.72	43.1	27.8	0.6	0.0
14-5	081199	0745	31.05	7.74	42.9	27.6	0.6	0.0
14-5	081199	0800	30.99	7.76	42.7	27.5	0.6	0.0
14-5	081199	0815	30.90	7.76	42.7	27.5	0.4	0.0
14-5	081199	0830	30.86	7.77	42.6	27.4	0.4	0.0
14-5	081199	0845	30.94	7.65	42.7	27.5	0.4	0.0
14-5	081199	0900	30.90	7.65	42.9	27.6	0.6	0.0
14-5	081199	0915	30.76	7.81	43.0	27.7	5.5	0.4
14-5	081199	0930	30.86	7.82	43.2	27.8	23.2	1.5
14-5	081199	0945	30.94	7.92	43.2	27.9	32.1	2.0
14-5	081199	1000	30.99	7.92	43.3	27.9	33.2	2.1
14-5	081199	1015	31.03	8.02	43.4	28.0	58.6	3.7
14-5	081199	1030	31.07	8.03	43.5	28.1	60.6	3.8
14-5	081199	1045	30.99	8.02	43.6	28.2	58.2	3.7
14-5	081199	1100	30.90	7.99	43.7	28.2	53.0	3.3
14-5	081199	1115	30.90	8.00	43.8	28.3	50.4	3.2
14-5	081199	1130	30.90	7.98	43.8	28.3	44.7	2.8
14-5	081199	1145	30.82	8.01	43.9	28.4	52.1	3.3
14-5	081199	1200	30.76	8.02	44.0	28.4	53.2	3.3
14-5	081199	1215	30.78	8.01	44.1	28.5	58.1	3.7

Hydrolab DS3 Continuous Deployment at Station 14-5

August 10-11, 1999

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
14-5	081199	1230	30.78	8.03	44.2	28.6	66.7	4.2
14-5	081199	1245	30.80	8.04	44.2	28.6	58.6	3.7
14-5	081199	1300	30.80	8.07	44.3	28.6	78.3	4.9
14-5	081199	1315	30.80	8.07	44.3	28.7	78.5	4.9
14-5	081199	1330	30.80	8.07	44.4	28.7	80.4	5.1
14-5	081199	1345	30.84	8.06	44.4	28.8	77.2	4.8
14-5	081199	1400	30.86	8.07	44.4	28.7	80.3	5.0
14-5	081199	1415	30.90	8.07	44.4	28.7	78.7	4.9

Hydrolab DS3 Continuous Deployment at Station 13-1
August 10-11, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
13-1	081099	1430	31.01	7.83	45.6	29.6	87.9	5.5
13-1	081099	1445	31.09	7.89	45.6	29.6	92.2	5.7
13-1	081099	1500	31.11	7.91	45.6	29.6	93.5	5.8
13-1	081099	1515	31.13	7.93	45.6	29.6	98.3	6.1
13-1	081099	1530	31.15	7.95	45.7	29.7	102.3	6.4
13-1	081099	1545	31.20	7.96	45.7	29.7	107.2	6.7
13-1	081099	1600	31.23	7.98	45.7	29.7	109.3	6.8
13-1	081099	1615	31.24	7.98	45.7	29.7	99.0	6.1
13-1	081099	1630	31.28	7.99	45.7	29.7	102.4	6.3
13-1	081099	1645	31.30	8.00	45.7	29.7	109.5	6.8
13-1	081099	1700	31.35	8.00	45.6	29.6	109.2	6.8
13-1	081099	1715	31.39	8.01	45.7	29.6	112.9	7.0
13-1	081099	1730	31.41	8.02	45.6	29.6	112.5	7.0
13-1	081099	1745	31.46	8.02	45.5	29.5	106.6	6.6
13-1	081099	1800	31.47	8.02	45.4	29.5	110.7	6.8
13-1	081099	1815	31.66	8.04	44.9	29.1	103.9	6.4
13-1	081099	1830	31.53	8.02	45.2	29.3	90.2	5.6
13-1	081099	1845	31.52	8.00	45.2	29.3	88.1	5.4
13-1	081099	1900	31.52	7.98	45.1	29.3	89.1	5.5
13-1	081099	1915	31.54	7.99	45.0	29.2	83.2	5.1
13-1	081099	1930	31.57	7.97	44.8	29.1	83.5	5.2
13-1	081099	1945	31.52	7.96	45.0	29.1	80.1	5.0
13-1	081099	2000	31.49	7.94	44.9	29.1	74.2	4.6
13-1	081099	2015	31.48	7.92	45.0	29.1	66.9	4.1
13-1	081099	2030	31.49	7.91	45.0	29.1	73.3	4.5
13-1	081099	2045	31.47	7.90	45.0	29.1	67.2	4.2
13-1	081099	2100	31.46	7.88	45.0	29.2	59.9	3.7
13-1	081099	2115	31.44	7.85	45.0	29.2	53.5	3.3
13-1	081099	2130	31.46	7.85	45.0	29.2	48.0	3.0
13-1	081099	2145	31.47	7.84	45.0	29.2	44.0	2.7
13-1	081099	2200	31.48	7.83	44.9	29.1	43.9	2.7
13-1	081099	2215	31.47	7.82	44.9	29.1	39.1	2.4
13-1	081099	2230	31.45	7.80	44.9	29.1	36.0	2.2
13-1	081099	2245	31.45	7.78	44.9	29.1	32.0	2.0

Hydrolab DS3 Continuous Deployment at Station 13-1
August 10-11, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
13-1	081099	2300	31.45	7.78	44.9	29.1	29.1	1.8
13-1	081099	2315	31.44	7.75	44.9	29.1	26.2	1.6
13-1	081099	2330	31.45	7.76	44.8	29.0	27.7	1.7
13-1	081099	2345	31.45	7.76	44.8	29.0	23.3	1.4
13-1	081199	0000	31.46	7.75	44.7	28.9	30.5	1.9
13-1	081199	0015	31.48	7.73	44.7	28.9	23.9	1.5
13-1	081199	0030	31.46	7.70	44.7	29.0	12.4	0.8
13-1	081199	0045	31.47	7.71	44.7	28.9	17.4	1.1
13-1	081199	0100	31.46	7.71	44.7	29.0	13.7	0.9
13-1	081199	0115	31.44	7.67	44.8	29.0	9.2	0.6
13-1	081199	0130	31.47	7.67	44.8	29.0	4.6	0.3
13-1	081199	0145	31.46	7.69	44.8	29.0	8.3	0.5
13-1	081199	0200	31.45	7.68	44.7	29.0	9.5	0.6
13-1	081199	0215	31.45	7.69	44.7	28.9	16.2	1.0
13-1	081199	0230	31.44	7.67	44.7	29.0	9.8	0.6
13-1	081199	0245	31.47	7.68	44.7	28.9	7.3	0.5
13-1	081199	0300	31.47	7.69	44.7	28.9	10.0	0.6
13-1	081199	0315	31.45	7.67	44.7	28.9	8.2	0.5
13-1	081199	0330	31.46	7.66	44.6	28.9	7.9	0.5
13-1	081199	0345	31.46	7.68	44.4	28.8	9.7	0.6
13-1	081199	0400	31.44	7.70	44.2	28.6	16.1	1.0
13-1	081199	0415	31.46	7.71	44.0	28.4	20.6	1.3
13-1	081199	0430	31.45	7.72	44.1	28.5	25.0	1.6
13-1	081199	0445	31.45	7.70	44.0	28.5	20.3	1.3
13-1	081199	0500	31.44	7.71	43.8	28.3	22.4	1.4
13-1	081199	0515	31.42	7.73	44.2	28.6	22.1	1.4
13-1	081199	0530	31.40	7.68	44.3	28.7	11.5	0.7
13-1	081199	0545	31.42	7.66	44.3	28.6	10.3	0.6
13-1	081199	0600	31.39	7.64	44.0	28.5	8.2	0.5
13-1	081199	0615	31.37	7.63	44.0	28.4	5.2	0.3
13-1	081199	0630	31.36	7.63	44.0	28.4	5.9	0.4
13-1	081199	0645	31.34	7.63	43.8	28.3	7.9	0.5
13-1	081199	0700	31.32	7.65	43.8	28.3	10.1	0.6
13-1	081199	0715	31.32	7.65	43.6	28.2	8.0	0.5

Hydrolab DS3 Continuous Deployment at Station 13-1
August 10-11, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
13-1	081199	0730	31.32	7.67	43.6	28.1	10.2	0.6
13-1	081199	0745	31.29	7.68	43.3	28.0	17.6	1.1
13-1	081199	0800	31.11	7.70	43.4	28.0	11.2	0.7
13-1	081199	0815	31.27	7.63	43.3	27.9	10.6	0.7
13-1	081199	0830	31.28	7.64	43.4	28.0	12.6	0.8
13-1	081199	0845	31.30	7.64	43.4	28.0	11.9	0.8
13-1	081199	0900	31.32	7.65	43.4	28.0	11.6	0.7
13-1	081199	0915	31.37	7.66	43.8	28.3	13.6	0.9
13-1	081199	0930	31.40	7.66	43.9	28.3	14.1	0.9
13-1	081199	0945	31.41	7.67	43.9	28.3	12.7	0.8
13-1	081199	1000	31.40	7.68	43.9	28.3	16.2	1.0
13-1	081199	1015	31.41	7.69	43.8	28.3	18.3	1.1
13-1	081199	1030	31.22	7.72	44.1	28.5	23.8	1.5
13-1	081199	1045	31.12	7.79	44.2	28.6	42.8	2.7
13-1	081199	1100	31.09	7.82	44.6	28.8	45.9	2.9
13-1	081199	1115	31.01	7.87	44.9	29.1	59.5	3.7
13-1	081199	1130	31.00	7.89	44.9	29.1	61.3	3.8
13-1	081199	1145	31.00	7.91	45.0	29.1	70.5	4.4
13-1	081199	1200	30.96	7.94	45.0	29.2	75.0	4.7
13-1	081199	1215	30.93	7.96	45.1	29.2	82.9	5.2
13-1	081199	1230	30.90	7.98	45.1	29.2	87.8	5.5
13-1	081199	1245	30.93	7.99	45.2	29.3	96.0	6.0
13-1	081199	1300	30.94	8.01	45.2	29.3	101.8	6.4
13-1	081199	1315	30.95	8.01	45.3	29.4	95.4	6.0
13-1	081199	1330	31.00	8.02	45.4	29.4	99.1	6.2
13-1	081199	1345	31.02	8.02	45.4	29.5	105.2	6.5
13-1	081199	1400	31.06	8.02	45.4	29.5	94.0	5.9
13-1	081199	1415	31.07	8.02	45.4	29.4	105.2	6.6
13-1	081199	1430	31.09	8.01	45.3	29.4	91.0	5.7
13-1	081199	1445	31.17	8.02	45.2	29.3	101.6	6.3

Sarasota Bay / Myakka River Status and Trends Monitoring Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
10-1	092399	0654	0.2	33.3	50.75	25.59	7.85	5.79	86.2
10-1	092399	0655	0.9	33.4	50.95	25.60	7.85	5.67	84.0
10-1	092399	0655	1.5	33.5	50.97	25.57	7.84	5.57	83.4
10-1	092399	1338	0.2	33.1	50.43	27.16	8.08	9.06	139.3
10-1	092399	1339	0.8	33.1	50.41	27.11	8.05	8.92	136.2
10-1	092399	1339	1.3	33.6	51.04	25.97	8.00	7.82	117.9
10-2	092399	0630	0.2	33.9	51.49	25.40	7.76	4.98	74.2
10-2	092399	0631	0.5	34.0	51.68	25.32	7.75	4.83	71.3
10-2	092399	0631	0.8	34.1	51.80	25.38	7.75	4.77	70.9
10-2	092399	1250	0.2	33.9	51.41	26.92	7.94	7.18	110.1
10-2	092399	1250	0.7	34.2	51.97	26.94	7.94	7.12	109.0
10-2	092399	1251	1.2	34.3	52.06	26.93	7.93	7.11	109.5
10-3	092399	0707	0.2	34.9	52.98	26.86	7.71	4.79	74.1
10-3	092399	0708	1.0	35.0	52.95	26.84	7.71	4.76	73.4
10-3	092399	0708	2.2	35.0	52.94	26.83	7.70	4.71	73.5
10-3	092399	1313	0.2	33.7	51.26	27.03	7.99	7.38	113.5
10-3	092399	1314	1.0	33.9	51.58	27.01	7.99	7.39	114.0
10-3	092399	1315	1.7	34.2	51.86	26.96	7.97	7.23	112.1
10-4	092399	0607	0.2	31.6	48.28	25.93	7.74	5.73	85.3
10-4	092399	0608	1.0	32.7	50.11	26.31	7.73	5.14	77.5
10-4	092399	0609	5.6	33.4	50.80	26.63	7.74	5.71	86.9
10-4	092399	1102	0.2	33.3	50.62	27.37	7.93	6.02	92.9
10-4	092399	1103	1.0	34.5	52.26	27.20	7.88	5.65	87.8
10-4	092399	1104	4.2	35.0	52.90	27.01	7.85	5.30	81.8
10-5	092399	0558	0.2	32.5	49.52	26.48	7.72	5.12	77.7
10-5	092399	0558	0.6	32.6	49.72	26.54	7.71	5.07	76.9
10-5	092399	0559	1.0	32.8	49.88	26.58	7.70	4.91	74.7
10-5	092399	1122	0.2	32.1	48.97	27.30	7.98	8.13	124.4
10-5	092399	1122	0.8	32.8	50.16	27.32	7.99	8.22	126.1
10-5	092399	1123	1.4	34.5	52.15	27.17	7.92	6.72	104.1

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
11-1	092399	0640	0.2	33.4	50.70	26.57	7.86	5.94	90.3
11-1	092399	0641	1.0	33.5	50.92	26.59	7.85	5.85	89.4
11-1	092399	0641	2.0	33.5	50.92	26.58	7.85	5.88	89.6
11-1	092399	1359	0.2	32.9	50.12	27.21	8.09	7.92	122.6
11-1	092399	1400	1.0	33.1	50.35	27.21	8.09	8.12	123.7
11-1	092399	1401	3.2	33.6	51.01	26.75	7.97	7.32	110.8
11-2	092399	0622	0.2	33.5	50.90	26.52	7.80	5.94	90.2
11-2	092399	0623	1.0	33.7	51.16	26.53	7.80	5.91	89.5
11-2	092399	0623	3.2	34.1	51.55	26.83	7.76	5.32	81.6
11-2	092399	1230	0.2	32.6	49.75	27.22	7.94	7.23	110.9
11-2	092399	1231	1.0	32.9	50.14	27.14	7.94	7.43	114.0
11-2	092399	1232	3.5	34.2	51.84	26.91	7.85	5.63	86.6
11-3	092399	0513	0.2	33.0	50.24	26.53	7.77	5.34	81.2
11-3	092399	0514	1.0	33.2	50.52	26.60	7.77	5.27	80.2
11-3	092399	0514	4.2	34.1	51.78	26.91	7.76	4.97	76.7
11-3	092399	1214	0.2	32.9	50.18	27.17	7.93	7.12	108.9
11-3	092399	1215	1.0	33.1	50.37	27.19	7.92	7.10	109.8
11-3	092399	1215	4.0	33.4	50.80	27.00	7.90	6.68	102.6
11-4	092399	0529	0.2	32.6	49.72	26.90	7.73	5.22	79.3
11-4	092399	0529	1.0	32.9	50.17	26.98	7.74	5.32	82.0
11-4	092399	0530	3.3	33.3	50.67	26.94	7.73	4.99	77.5
11-4	092399	1157	0.2	32.5	49.53	27.50	7.93	7.28	112.4
11-4	092399	1158	1.0	33.0	50.29	27.40	7.91	6.71	103.4
11-4	092399	1158	2.6	34.1	51.78	26.92	7.83	5.51	83.9
11-5	092399	0545	0.2	26.5	49.17	26.94	7.60	4.77	69.4
11-5	092399	0545	1.0	32.4	48.73	27.28	7.68	4.75	72.3
11-5	092399	0546	1.7	34.4	52.08	27.25	7.68	4.50	69.3
11-5	092399	1139	0.2	26.8	41.73	27.77	7.80	6.23	93.7
11-5	092399	1140	1.0	33.3	50.64	27.34	7.84	5.53	84.5
11-5	092399	1141	1.9	34.1	51.78	26.87	7.84	5.43	83.5

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
13-1	092899	0534	0.2	28.8	44.59	26.87	7.54	4.72	70.9
13-1	092899	0535	1.0	30.8	47.33	27.10	7.59	5.05	76.5
13-1	092899	0536	1.9	33.0	50.22	27.15	7.66	4.97	75.9
13-1	092899	1359	0.2	25.8	40.33	28.57	7.70	7.81	117.7
13-1	092899	1400	1.0	30.3	46.48	27.55	7.66	6.33	96.6
13-1	092899	1400	2.1	32.4	49.40	27.56	7.97	5.96	90.8
13-2	092899	0549	0.2	26.7	41.64	26.52	7.49	4.14	60.0
13-2	092899	0549	0.8	30.0	46.18	27.02	7.61	4.71	70.8
13-2	092899	0550	1.3	31.7	48.48	27.15	7.62	4.57	69.6
13-2	092899	1344	0.2	25.1	39.31	28.21	7.67	7.57	114.1
13-2	092899	1345	1.0	29.0	44.78	27.74	7.64	6.77	102.5
13-2	092899	1346	2.2	29.7	45.68	27.56	7.63	6.20	93.7
13-3	092899	0606	0.2	24.8	38.84	26.80	7.51	4.90	71.3
13-3	092899	0607	0.9	24.9	39.12	26.86	7.51	4.50	65.3
13-3	092899	0607	1.5	25.1	39.36	26.88	7.51	4.45	64.8
13-3	092899	1313	0.2	25.8	40.29	28.01	7.63	6.91	103.4
13-3	092899	1314	1.0	25.9	40.48	27.98	7.63	6.85	102.3
13-3	092899	1315	1.8	26.0	40.59	27.94	7.62	6.71	100.2
13-4	092899	0625	0.2	23.7	37.34	26.90	7.53	4.64	67.0
13-4	092899	0626	0.5	23.7	37.36	26.92	7.53	4.56	66.1
13-4	092899	0627	0.7	23.7	37.32	26.91	7.53	4.50	65.1
13-4	092899	1248	0.2	23.1	36.63	28.39	7.59	6.54	96.7
13-4	092899	1248	1.0	23.3	36.70	28.21	7.58	6.49	95.1
13-4	092899	1249	1.8	23.4	36.91	27.99	7.57	6.36	93.7
13-5	092899	0641	0.2	22.9	36.26	26.67	7.58	5.21	74.5
13-5	092899	0641	1.0	23.8	37.49	26.92	7.55	4.79	68.9
13-5	092899	0642	1.8	24.1	37.94	26.99	7.55	4.62	67.1
13-5	092899	1227	0.2	23.1	36.53	28.08	7.62	6.83	100.0
13-5	092899	1228	1.0	23.1	36.59	27.98	7.61	6.73	98.6
13-5	092899	1228	1.7	23.3	36.80	27.60	7.57	6.46	93.6

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
14-1	092899	0648	0.2	22.3	35.34	26.60	7.61	6.05	86.0
14-1	092899	0649	1.0	22.4	35.49	26.65	7.61	6.03	86.2
14-1	092899	0649	3.2	23.8	37.54	27.18	7.53	5.26	76.6
14-1	092899	1208	0.2	22.2	35.29	27.83	7.68	7.28	106.3
14-1	092899	1209	1.0	22.2	35.29	27.58	7.67	7.29	105.9
14-1	092899	1210	2.0	25.0	39.22	27.16	7.45	3.50	51.2
14-2	092899	0656	0.2	21.7	34.57	26.56	7.64	5.97	84.8
14-2	092899	0656	0.9	21.7	34.57	26.57	7.64	5.98	85.0
14-2	092899	0657	1.6	23.3	36.72	27.02	7.49	3.97	57.4
14-2	092899	1153	0.2	21.9	34.81	27.88	7.66	7.04	102.5
14-2	092899	1153	0.6	21.9	34.80	27.85	7.66	7.10	103.4
14-2	092899	1154	1.0	21.9	34.79	27.82	7.63	6.99	101.5
14-3	092899	0708	0.2	20.5	32.83	26.63	7.57	4.79	68.8
14-3	092899	0708	0.4	20.6	32.86	26.67	7.55	4.65	65.8
14-3	092899	0708	0.6	20.6	32.87	26.66	7.55	4.65	65.3
14-3	092899	1132	0.2	20.7	33.14	27.93	7.71	7.45	109.0
14-3	092899	1134	0.4	20.7	33.04	27.91	7.71	8.04	116.4
14-3	092899	1134	0.6	20.7	33.04	27.92	7.71	7.99	114.7
14-4	092899	0720	0.2	22.4	35.54	26.62	7.63	5.43	77.3
14-4	092899	0720	0.9	24.8	38.89	27.00	7.48	3.10	43.0
14-4	092899	0721	1.5	25.2	39.53	27.25	7.60	4.28	62.9
14-4	092899	1110	0.2	23.2	36.71	27.87	7.64	6.14	90.2
14-4	092899	1111	0.6	24.1	37.76	27.51	7.60	5.49	80.2
14-4	092899	1112	1.0	25.2	39.49	27.49	7.62	5.64	83.2
14-5	092899	0729	0.2	23.1	36.53	26.58	7.67	5.76	82.4
14-5	092899	0729	0.5	23.2	36.72	26.66	7.65	5.53	79.5
14-5	092899	0730	0.7	23.3	36.79	26.69	7.65	5.39	77.5
14-5	092899	1050	0.3	23.5	37.02	27.58	7.67	6.65	97.2

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Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
16-1	092399	0526	0.2	18.1	29.37	24.38	7.72	5.77	77.3
16-1	092399	0527	0.6	21.0	33.51	27.00	7.75	5.29	75.5
16-1	092399	0527	0.9	21.0	33.56	27.03	7.75	5.27	75.2
16-1	092399	1415	0.2	20.6	33.07	27.76	7.94	8.10	116.5
16-1	092399	1416	0.6	21.0	33.54	27.39	7.94	8.01	115.0
16-1	092399	1416	1.0	21.7	34.55	27.21	7.90	6.87	99.2
16-2	092399	0538	0.2	14.9	24.52	26.03	7.52	4.52	61.0
16-2	092399	0539	1.0	20.7	33.19	26.65	7.77	5.31	75.2
16-2	092399	0540	3.7	25.6	39.54	27.27	7.81	4.85	72.2
16-2	092399	1347	0.2	18.0	29.19	27.93	7.83	7.21	103.0
16-2	092399	1348	0.5	21.2	33.80	27.47	7.86	7.04	101.3
16-2	092399	1349	0.8	21.4	34.19	27.44	7.86	6.96	100.3
16-3	092399	0546	0.2	21.2	33.88	26.70	7.78	5.61	79.8
16-3	092399	0547	0.9	22.2	35.29	27.09	7.80	5.52	79.5
16-3	092399	0549	1.5	33.0	50.34	27.61	7.88	4.90	75.8
16-3	092399	1331	0.2	22.8	36.11	27.75	7.90	7.54	110.2
16-3	092399	1332	1.0	26.4	40.14	27.50	7.90	6.97	103.5
16-3	092399	1333	1.7	33.4	50.98	27.44	7.87	5.44	84.8
16-4	092399	0555	0.2	22.3	35.36	26.70	7.82	5.69	80.8
16-4	092399	0556	0.7	22.2	35.16	26.59	7.81	5.39	76.8
16-4	092399	0557	1.1	22.5	35.80	26.86	7.82	5.36	77.0
16-4	092399	1303	0.2	26.3	41.09	27.91	7.96	7.57	113.3
16-4	092399	1304	1.0	26.6	41.56	27.79	7.98	7.94	118.7
16-4	092399	1305	2.1	29.8	45.90	27.65	8.00	8.13	123.5
16-5	092399	0604	0.2	23.0	36.45	26.59	7.83	5.28	75.5
16-5	092399	0604	1.0	23.4	36.97	26.54	7.82	5.23	75.2
16-5	092399	0605	4.3	29.2	45.14	27.42	7.85	4.59	68.9
16-5	092399	1239	0.2	26.2	41.06	28.05	7.95	7.71	115.5
16-5	092399	1240	1.0	30.5	46.87	27.91	7.92	6.68	102.8
16-5	092399	1241	2.4	32.1	49.11	27.85	7.91	6.41	99.2

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Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
LB-1	092399	0640	0.2	9.90	16.81	23.73	7.41	4.10	51.4
LB-1	092399	0641	0.5	13.9	22.96	26.03	7.34	2.99	40.2
LB-1	092399	0641	0.7	15.6	25.58	26.84	7.33	2.80	38.5
LB-1	092399	1139	0.2	21.1	33.72	27.50	7.52	4.00	57.6
LB-1	092399	1140	0.8	21.3	33.99	27.40	7.53	3.97	57.1
LB-1	092399	1140	1.3	21.3	33.96	27.34	7.53	3.93	56.5
LB-2	092399	0648	0.2	14.7	24.21	25.34	7.41	3.60	48.3
LB-2	092399	0649	1.0	18.1	27.64	27.42	7.42	2.65	37.2
LB-2	092399	0650	3.1	25.4	39.83	27.35	7.62	1.51	22.2
LB-2	092399	1120	0.2	14.5	23.93	27.52	7.33	3.79	52.6
LB-2	092399	1121	1.0	15.2	25.09	27.02	7.31	3.36	46.3
LB-2	092399	1121	3.6	24.6	38.53	27.41	7.52	1.30	19.1
LB-3	092399	0656	0.2	17.0	27.70	24.86	7.58	4.86	65.2
LB-3	092399	0657	1.0	20.4	32.67	26.90	7.59	3.45	49.0
LB-3	092399	0658	3.1	27.1	42.22	27.36	7.70	1.55	22.7
LB-3	092399	1102	0.2	18.1	29.25	27.68	7.54	4.58	65.1
LB-3	092399	1102	0.9	18.5	30.20	27.22	7.59	4.85	68.4
LB-3	092399	1103	1.5	24.9	39.07	27.33	7.76	3.83	57.6
LB-4	092399	0703	0.2	20.8	33.23	25.30	7.78	5.43	74.9
LB-4	092399	0704	1.0	22.8	36.18	26.54	7.88	6.00	85.9
LB-4	092399	0705	1.7	27.8	43.28	27.33	7.81	2.75	40.6
LB-4	092399	1042	0.2	20.6	33.02	26.47	7.90	7.62	107.2
LB-4	092399	1043	1.0	23.9	38.01	26.67	7.85	6.00	85.3
LB-4	092399	1044	3.5	27.7	43.03	27.37	7.78	3.28	48.5
LB-5	092399	0712	0.2	22.1	35.11	25.10	7.72	4.46	61.9
LB-5	092399	0713	0.4	22.1	35.13	25.13	7.72	4.30	59.8
LB-5	092399	0714	0.5	22.1	35.20	25.12	7.72	4.18	57.8
LB-5	092399	1014	0.2	22.0	34.95	25.74	7.83	6.41	89.8
LB-5	092399	1015	0.5	22.0	35.07	25.50	7.84	6.30	88.1
LB-5	092399	1015	0.7	22.1	35.12	25.47	7.83	6.06	84.6

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Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
ML-1	092899	0656	0.2	0.30	0.70	27.43	6.88	4.87	61.2
ML-1	092899	0657	0.6	0.30	0.70	27.44	6.88	4.28	54.3
ML-1	092899	0657	1.0	0.30	0.71	27.45	6.88	4.23	53.6
ML-1	092899	1150	0.2	0.10	0.25	27.59	6.80	3.58	45.3
ML-1	092899	1150	0.4	0.10	0.25	27.55	6.80	3.48	44.2
ML-1	092899	1151	0.6	0.10	0.25	27.54	6.80	3.44	43.6
ML-2	092899	0708	0.2	0.30	0.71	27.32	6.98	4.95	61.7
ML-2	092899	0708	1.0	0.30	0.71	27.33	6.99	4.85	61.3
ML-2	092899	0709	3.1	0.30	0.71	27.34	6.99	4.93	62.4
ML-2	092899	1130	0.2	0.20	0.35	27.95	6.82	4.25	54.1
ML-2	092899	1131	1.0	0.20	0.36	27.88	6.82	3.72	47.4
ML-2	092899	1132	1.8	0.20	0.37	27.88	6.82	3.48	44.5
ML-3	092899	0714	0.2	0.30	0.71	27.27	6.99	4.62	58.4
ML-3	092899	0715	0.7	0.30	0.71	27.27	6.99	4.50	56.7
ML-3	092899	0715	1.2	0.30	0.72	27.27	7.00	4.32	54.7
ML-3	092899	1115	0.2	0.50	1.00	28.32	6.89	5.37	68.8
ML-3	092899	1116	0.5	0.60	1.24	28.05	6.83	4.79	61.2
ML-3	092899	1117	0.8	0.60	1.23	28.05	6.84	4.34	55.7
ML-4	092899	0724	0.2	0.40	0.77	27.40	7.02	4.73	60.0
ML-4	092899	0725	1.0	0.40	0.77	27.40	7.02	4.63	58.2
ML-4	092899	0725	3.3	0.40	0.77	27.40	7.02	4.67	58.2
ML-4	092899	1053	0.2	0.30	0.70	27.84	6.86	3.85	49.2
ML-4	092899	1054	1.0	0.30	0.70	27.84	6.87	3.81	48.6
ML-4	092899	1054	1.9	0.30	0.70	27.83	6.87	3.78	48.2
ML-5	092899	0732	0.3	0.50	1.09	27.50	7.06	5.08	64.3
ML-5	092899	1019	0.2	0.40	0.73	27.90	6.94	5.30	67.8

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
MU-1	092899	0554	0.2	0.10	0.19	26.69	6.70	4.42	54.6
MU-1	092899	0554	0.9	0.10	0.19	26.69	6.71	4.13	51.3
MU-1	092899	0555	1.6	0.10	0.19	26.70	6.72	4.02	50.0
MU-1	092899	1336	0.2	0.10	0.19	27.39	6.66	3.78	47.6
MU-1	092899	1337	1.0	0.10	0.19	27.37	6.68	3.61	45.6
MU-1	092899	1338	2.2	0.10	0.19	27.38	6.69	3.56	45.2
MU-2	092899	0616	0.2	0.10	0.21	26.70	6.77	4.44	55.5
MU-2	092899	0616	1.0	0.10	0.21	26.73	6.77	4.10	50.8
MU-2	092899	0617	3.2	0.10	0.21	26.70	6.78	3.76	46.8
MU-2	092899	1304	0.2	0.10	0.21	27.46	6.73	4.50	56.9
MU-2	092899	1305	0.7	0.10	0.21	27.46	6.73	3.61	45.7
MU-2	092899	1305	1.2	0.10	0.21	27.46	6.73	3.53	44.6
MU-3	092899	0624	0.2	0.10	0.22	26.69	6.77	4.04	49.4
MU-3	092899	0625	1.0	0.10	0.22	26.67	6.76	3.79	47.1
MU-3	092899	0625	2.5	0.10	0.22	26.67	6.77	3.73	46.6
MU-3	092899	1250	0.2	0.10	0.22	27.49	6.74	4.12	51.7
MU-3	092899	1251	1.0	0.10	0.22	27.47	6.74	3.76	47.5
MU-3	092899	1251	2.1	0.10	0.22	27.46	6.74	3.66	46.2
MU-4	092899	0635	0.2	0.10	0.25	26.77	6.85	3.37	42.0
MU-4	092899	0636	1.0	0.20	0.31	26.71	7.00	3.08	38.5
MU-4	092899	0636	1.8	0.20	0.37	26.70	7.08	3.29	41.2
MU-4	092899	1231	0.2	0.10	0.23	27.67	6.80	3.93	49.4
MU-4	092899	1231	0.8	0.10	0.23	27.60	6.79	3.66	46.4
MU-4	092899	1232	1.4	0.10	0.23	27.60	6.79	3.57	45.4
MU-5	092899	0646	0.2	0.20	0.41	27.27	6.86	4.12	51.7
MU-5	092899	0646	1.0	0.20	0.43	27.28	6.86	4.01	50.7
MU-5	092899	0647	2.3	0.20	0.46	27.28	6.85	4.04	51.0
MU-5	092899	1211	0.2	0.10	0.24	27.61	6.83	4.61	54.5
MU-5	092899	1212	1.0	0.10	0.24	27.52	6.82	3.50	44.3
MU-5	092899	1213	2.1	0.10	0.23	27.47	6.80	3.47	43.9

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	092399	0654	27.34472	-82.59417	27.34627	-82.59593	1.7			
10-1	092399	1338	27.34472	-82.59417	27.34403	-82.59425	1.5	1.5	992071	0.93
10-2	092399	0630	27.34333	-82.57139	27.34287	-82.57155	1.0			
10-2	092399	1250	27.34333	-82.57139	27.34365	-82.57117	1.4	1.0	992069	0.91
10-3	092399	0707	27.33917	-82.58000	27.33888	-82.58132	2.4			
10-3	092399	1313	27.33917	-82.58000	27.33893	-82.57988	1.9	1.5	992074	0.75
10-4	092399	0607	27.31500	-82.56611	27.31480	-82.56603	5.8			
10-4	092399	1102	27.31500	-82.56611	27.31532	-82.56567	4.4	1.0	992076	0.81
10-5	092399	0558	27.30889	-82.55222	27.30953	-82.55255	1.2			
10-5	092399	1122	27.30889	-82.55222	27.30865	-82.55427	1.6	1.0	992070	1.03
11-1	092399	0640	27.36722	-82.57000	27.36690	-82.57037	2.2			
11-1	092399	1359	27.36722	-82.57000	27.36590	-82.56950	3.4	1.3	992075	0.74
11-2	092399	0622	27.34889	-82.55861	27.34837	-82.55875	3.4			
11-2	092399	1230	27.34889	-82.55861	27.34878	-82.55852	3.7	1.3	992073	1.12
11-3	092399	0513	27.33167	-82.55528	27.33073	-82.55542	4.4			
11-3	092399	1214	27.33167	-82.55528	27.33102	-82.55547	4.2	1.0	992068	1.03
11-4	092399	0529	27.32528	-82.54583	27.32550	-82.54593	3.5			
11-4	092399	1157	27.32528	-82.54583	27.32540	-82.54663	2.8	1.3	992077	0.91
11-5	092399	0545	27.30361	-82.54278	27.30367	-82.54292	1.9			
11-5	092399	1139	27.30361	-82.54278	27.30405	-82.54278	2.1	1.0	992067	1.13
13-1	092899	0534	27.29028	-82.54750	27.29058	-82.54737	2.1			
13-1	092899	1359	27.29028	-82.54750	27.28988	-82.54828	2.3	0.8	992046	1.61
13-2	092899	0549	27.28111	-82.54222	27.28130	-82.54240	1.5			
13-2	092899	1344	27.28111	-82.54222	27.28085	-82.54297	2.4	0.8	992050	1.86
13-3	092899	0606	27.26722	-82.53889	27.26758	-82.53958	1.7			
13-3	092899	1313	27.26722	-82.53889	27.26690	-82.53952	2.0	1.0	992045	2.18
13-4	092899	0625	27.25750	-82.53278	27.25787	-82.53337	0.9			
13-4	092899	1248	27.25750	-82.53278	27.25692	-82.53285	2.0	0.8	992053	1.87
13-5	092899	0641	27.25083	-82.52556	27.25057	-82.52577	2.0			
13-5	092899	1227	27.25083	-82.52556	27.25055	-82.52575	1.9	0.8	992055	1.67
14-1	092899	0648	27.23833	-82.51722	27.23852	-82.51788	3.4			
14-1	092899	1208	27.23833	-82.51722	27.23848	-82.51663	2.2	1.0	992049	1.54
14-2	092899	0656	27.23167	-82.51583	27.23202	-82.51553	1.8			
14-2	092899	1153	27.23167	-82.51583	27.23235	-82.51612	1.2	0.8	992052	1.70
14-3	092899	0708	27.21750	-82.51139	27.21798	-82.51148	0.8			
14-3	092899	1132	27.21750	-82.51139	27.21787	-82.51190	0.8	0.5	992051	2.16
14-4	092899	0720	27.20028	-82.49750	27.20057	-82.49758	1.7			
14-4	092899	1110	27.20028	-82.49750	27.20120	-82.49787	1.2	0.8	992047	1.88
14-5	092899	0729	27.18389	-82.49694	27.18407	-82.49693	0.9			
14-5	092899	1050	27.18389	-82.49694	27.18332	-82.49587	0.6	0.8	992054	1.63

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
16-1	092399	0526	27.16889	-82.49000	27.17022	-82.49187	1.1			
16-1	092399	1415	27.16889	-82.49000	27.16955	-82.49043	1.2	0.6	992059	2.20
16-2	092399	0538	27.16194	-82.48472	27.16222	-82.48453	3.9			
16-2	092399	1347	27.16194	-82.48472	27.16175	-82.48403	1.0	0.6	992058	2.53
16-3	092399	0546	27.14944	-82.47528	27.14867	-82.47538	1.7			
16-3	092399	1331	27.14944	-82.47528	27.14875	-82.47282	1.9	0.8	992060	2.06
16-4	092399	0555	27.14083	-82.47167	27.14090	-82.47172	1.3			
16-4	092399	1303	27.14083	-82.47167	27.14035	-82.47088	2.3	0.6	992064	2.05
16-5	092399	0604	27.13028	-82.47028	27.13068	-82.47008	4.5			
16-5	092399	1239	27.13028	-82.47028	27.13027	-82.46958	2.6	0.8	992065	1.46
LB-1	092399	0640	27.04917	-82.43722	27.04888	-82.43673	0.9			
LB-1	092399	1139	27.04917	-82.43722	27.04933	-82.43668	1.5	0.8	992056	2.26
LB-2	092399	0648	27.02306	-82.41806	27.02285	-82.41785	3.3			
LB-2	092399	1120	27.02306	-82.41806	27.02323	-82.41830	3.8	1.0	992061	2.08
LB-3	092399	0656	26.99611	-82.40000	26.99558	-82.40030	3.3			
LB-3	092399	1102	26.99611	-82.40000	26.99582	-82.39975	1.7	1.1	992057	1.90
LB-4	092399	0703	26.97611	-82.38361	26.97597	-82.38353	1.9			
LB-4	092399	1042	26.97611	-82.38361	26.97573	-82.38365	3.7	0.9	992066	1.90
LB-5	092399	0712	26.96333	-82.37833	26.96228	-82.37842	0.7			
LB-5	092399	1014	26.96333	-82.37833	26.96320	-82.37807	0.9	>B	992063	1.77
ML-1	092899	0656	27.04139	-82.28639	27.04147	-82.28683	1.2			
ML-1	092899	1150	27.04139	-82.28639	27.04140	-82.28647	0.8	0.5	992039	3.36
ML-2	092899	0708	27.03056	-82.27583	27.03087	-82.27477	3.3			
ML-2	092899	1130	27.03056	-82.27583	27.03050	-82.27532	2.0	0.5	992034	3.96
ML-3	092899	0714	27.03194	-82.27222	27.03115	-82.27220	1.4			
ML-3	092899	1115	27.03194	-82.27222	27.03180	-82.27212	1.0	0.5	992040	4.64
ML-4	092899	0724	27.01806	-82.27250	27.01828	-82.27272	3.5			
ML-4	092899	1053	27.01806	-82.27250	27.01722	-82.27213	2.1	0.8	992037	4.06
ML-5	092899	0732	27.00306	-82.25833	27.00328	-82.25848	0.6			
ML-5	092899	1019	27.00306	-82.25833	27.00262	-82.25837	0.4	>B	992041	4.08
MU-1	092899	0554	27.10278	-82.33278	27.09930	-82.33300	1.8			
MU-1	092899	1336	27.10278	-82.33278	27.10275	-82.33287	2.4	0.8	992042	4.38
MU-2	092899	0616	27.07944	-82.31889	27.08468	-82.32012	3.4			
MU-2	092899	1304	27.07944	-82.31889	27.07918	-82.31840	1.4	0.5	992035	3.90
MU-3	092899	0624	27.07583	-82.31694	27.07582	-82.31640	2.7			
MU-3	092899	1250	27.07583	-82.31694	27.07613	-82.31638	2.3	0.5	992036	4.26
MU-4	092899	0635	27.06417	-82.31333	27.06468	-80.31307	2.0			
MU-4	092899	1231	27.06417	-82.31333	27.06492	-82.31288	1.6	0.8	992044	4.08
MU-5	092899	0646	27.06417	-82.31333	27.05318	-82.29325	2.5			
MU-5	092899	1211	27.06417	-82.31333	27.05308	-82.29318	2.3	0.4	992038	1.40

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH ₄ -N Diss (mg/l)	NO ₂₃ -N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO ₄ -P Diss (mg/l)	Total P (mg/l)	BOD ₅ (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	MID	1336	992071	9/23/1999	U0.005	U0.005	U0.005	0.31	0.31	0.006	0.08	2.4	6	2.8	14	8.37	8.4	2.9	33.1
10-2	MID	1249	992069	9/23/1999	0.007	U0.005	U0.005	0.30	0.30	0.009	0.10	1.8	11	6.6	14	8.20	9.0	3.2	33.9
10-3	MID	1313	992074	9/23/1999	U0.005	U0.005	U0.005	0.11	0.11	0.007	0.25	1.7	7	3.6	11	8.34	4.0	1.6	33.7
10-4	1.0M	1039	992076	9/23/1999	0.031	0.008	0.006	0.10	0.11	0.012	0.28	1.1	9	7.3	11	8.14	7.3	2.1	33.3
10-4 REP	1.0M	1053	992072	9/23/1999	0.017	0.007	0.005	U0.05	U0.05	0.013	0.27	1.1	9	7.4	10	8.14	6.4	3.6	NA
10-5	MID	1122	992070	9/23/1999	0.009	U0.005	U0.005	0.24	0.24	0.019	0.15	1.7	9	5.9	13	8.24	11.5	4.0	32.1
11-1	1.0M	1402	992075	9/23/1999	0.006	U0.005	U0.005	0.15	0.15	0.007	0.26	2.8	7	2.3	10	8.43	7.8	2.2	32.9
11-2	1.0M	1229	992073	9/23/1999	U0.005	U0.005	U0.005	0.13	0.13	0.013	0.28	1.9	8	4.7	12	8.25	9.6	5.2	32.6
11-3	1.0M	1212	992068	9/23/1999	U0.005	U0.005	U0.005	0.26	0.26	0.014	0.20	2.2	10	5.3	12	8.24	10.3	5.2	32.9
11-4	1.0M	1156	992077	9/23/1999	0.006	U0.005	U0.005	0.09	0.09	0.013	0.29	2.0	9	4.4	10	8.22	6.6	9.3	32.5
11-5	1.0M	1139	992067	9/23/1999	0.012	0.023	0.020	0.35	0.37	0.036	0.20	2.1	8	5.8	23	8.11	11.6	4.3	26.8
13-1	1.0M	1358	992046	9/28/1999	U0.005	U0.005	U0.005	0.32	0.32	0.041	0.38	2.7	17	5.7	46	8.05	21.2	5.5	25.8
13-1 REP	1.0M	1409	992048	9/28/1999	0.007	U0.005	U0.005	0.26	0.26	0.033	0.36	2.5	15	5.2	50	8.01	17.4	6.2	NA
13-2	1.0M	1344	992050	9/28/1999	U0.005	U0.005	U0.005	0.37	0.37	0.049	0.42	2.8	14	5.0	47	8.08	23.6	6.6	25.1
13-3	MID	1312	992045	9/28/1999	0.007	U0.005	U0.005	0.42	0.42	0.049	0.42	2.6	7	7.2	48	8.05	25.5	5.7	25.8
13-4	1.0M	1247	992053	9/28/1999	0.006	0.017	0.011	0.76	0.77	0.064	0.21	2.2	7	7.0	55	8.00	21.0	8.0	23.1
13-5	MID	1227	992055	9/28/1999	U0.005	U0.005	U0.005	0.76	0.76	0.060	0.19	2.7	13	5.7	50	8.03	19.6	5.9	23.1
14-1	1.0M	1208	992049	9/28/1999	0.006	U0.005	U0.005	0.55	0.55	0.063	0.44	3.2	7	4.2	55	8.08	21.1	5.2	22.2
14-2	MID	1152	992052	9/28/1999	0.009	U0.005	U0.005	0.81	0.81	0.070	0.21	3.8	8	4.7	55	8.07	18.0	5.0	21.9
14-3	MID	1133	992051	9/28/1999	U0.005	U0.005	U0.005	0.65	0.65	0.075	0.41	3.6	5	5.4	60	8.09	25.5	13.0	20.7
14-4	MID	1111	992047	9/28/1999	U0.005	U0.005	U0.005	0.58	0.58	0.061	0.41	3.2	6	3.9	55	8.02	17.4	6.5	23.2
14-5	MID	1050	992054	9/28/1999	0.010	U0.005	U0.005	0.71	0.71	0.055	0.20	2.8	12	4.2	60	8.06	16.6	6.9	23.5

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH ₄ -N Diss (mg/l)	NO ₂₃ -N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO ₄ -P Diss (mg/l)	Total P (mg/l)	BOD ₅ (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	MID	1408	992059	9/23/1999	U0.005	U0.005	U0.005	0.65	0.65	0.070	0.40	3.4	10	4.7	100	8.23	33.1	5.6	20.6
16-2	MID	1347	992058	9/23/1999	0.012	U0.005	U0.005	0.75	0.75	0.083	0.45	3.1	16	5.3	220	8.08	26.1	5.5	18.0
16-3	MID	1331	992060	9/23/1999	0.007	U0.005	U0.005	0.48	0.48	0.058	0.40	3.1	12	4.3	200	8.19	25.9	4.6	22.8
16-4	1.0M	1303	992064	9/23/1999	0.014	U0.005	U0.005	0.38	0.38	0.048	0.38	2.2	16	5.3	55	8.11	21.8	4.1	26.3
16-5	1.0M	1239	992065	9/23/1999	U0.005	0.007	0.006	0.28	0.29	0.042	0.41	2.1	15	7.4	50	8.12	17.6	3.1	26.2
LB-1	MID	1139	992056	9/23/1999	0.153	0.081	0.071	0.53	0.60	0.119	0.44	1.0	9	5.6	200	7.83	3.9	3.7	21.1
LB-2	1.0M	1120	992061	9/23/1999	0.227	0.080	0.074	0.77	0.84	0.206	0.57	1.3	8	3.7	240	7.71	4.1	6.7	14.5
LB-3	MID	1102	992057	9/23/1999	0.126	0.034	0.028	0.68	0.71	0.183	0.58	2.6	6	3.1	70	7.89	21.6	4.4	18.1
LB-4	1.0M	1042	992066	9/23/1999	0.007	U0.005	U0.005	0.65	0.65	0.116	0.50	4.3	9	3.9	70	8.06	40.2	4.6	20.6
LB-5	MID	1015	992063	9/23/1999	0.014	0.007	U0.005	0.58	0.58	0.109	0.48	3.2	7	3.7	55	8.01	29.7	3.8	22.0
LB-5 REP	MID	1022	992062	9/23/1999	0.008	U0.005	U0.005	0.57	0.57	0.110	0.49	3.1	7	3.3	60	8.03	31.0	3.6	NA
ML-1	MID	1149	992039	9/28/1999	0.059	0.060	0.053	1.09	1.14	0.239	0.28	1.6	U2	1.6	250	6.77	1.8	U0.5	0.10
ML-2	1.0M	1130	992034	9/28/1999	0.049	0.052	0.044	1.10	1.14	0.218	0.24	0.7	U2	1.4	220	6.76	0.9	0.8	0.20
ML-3	MID	1115	992040	9/28/1999	0.053	0.050	0.043	1.04	1.08	0.209	0.25	0.8	2	2.0	230	6.80	3.0	0.6	0.50
ML-4	1.0M	1052	992037	9/28/1999	0.050	0.052	0.044	1.06	1.10	0.210	0.25	0.9	U2	1.9	220	6.84	1.5	1.5	0.30
ML-5	MID	1019	992041	9/28/1999	0.049	0.058	0.049	1.05	1.10	0.199	0.24	1.1	3	2.3	220	6.98	2.3	1.2	0.40
MU-1	1.0M	1336	992042	9/28/1999	0.063	0.054	0.048	1.01	1.06	0.271	0.30	1.7	U2	1.6	240	6.73	1.0	0.8	0.10
MU-1 REP	1.0M	1345	992043	9/28/1999	0.057	0.054	0.048	0.76	0.81	0.271	0.23	1.5	U2	1.5	220	6.69	1.2	0.9	NA
MU-2	MID	1304	992035	9/28/1999	0.068	0.060	0.053	1.07	1.12	0.259	0.29	1.7	U2	1.5	240	6.66	0.9	0.5	0.10
MU-3	1.0M	1250	992036	9/28/1999	0.064	0.061	0.054	1.24	1.29	0.259	0.32	1.0	U2	1.5	240	6.72	1.2	0.6	0.10
MU-4	MID	1231	992044	9/28/1999	0.065	0.062	0.056	1.10	1.16	0.262	0.30	0.7	U2	1.2	240	6.73	0.7	0.6	0.10
MU-5	1.0M	1211	992038	9/28/1999	0.066	0.063	0.057	1.05	1.11	0.254	0.28	1.0	U2	1.1	200	6.80	1.0	U0.5	0.10
EQP BLK		1600	992079	9/28/1999	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.56	U0.5	U0.5	NA
EQP BLK		1520	992078	9/28/1999	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.60	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rainfall		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)
			Begin (EST)	End (EST)	No	Yes	Min	Max				
092399	AM	10	0558	0707	0		30	- 50		60	5	<0.5 - 1.0
092399	PM	10	1102	1338	0		50	- 80	27.9	300	<5 - 5	<0.5
092399	AM	11	0513	0640	0		30	- 50	24.0	60	5	<0.5
092399	PM	11	1139	1359	0		75	- 90		270 - 300	<5 - 5	<0.5
092399	AM	16	0526	0604	0		60	- 70	24.6	40	5	<0.5
092399	PM	16	1239	1415	0		70	- 80		300	5	<0.5
092399	AM	LB	0640	0712	0		20	- 30		40	5	<0.5
092399	PM	LB	1014	1139	0		30	- 80	22.3	0 - 300	<5 - 5	<0.5 - 0.5
092899	AM	13	0534	0641	0		50		26.2	60	<5 - 5	<0.5
092899	PM	13	1227	1359	0		50	- 60		60	<5 - 5	<0.5
092899	AM	14	0648	0729	0		50	- 100		60	<5 - 5	<0.5
092899	PM	14	1050	1208	0		20	- 50		60	<5 - 5	<0.5
092899	AM	ML	0656	0732	0		75	- 95		20 - 330	<5	<0.5
092899	PM	ML	1019	1150	0		75	- 80		203 - 270	5	<0.5
092899	AM	MU	0554	0646	0		100		27.2	Calm	<5	<0.5
092899	PM	MU	1211	1336	0		60	- 75		225 - 315	<5 - 5	<0.5

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
10-1	101999	0544	0.2	30.7	47.27	26.37	8.17	6.72	100.5
10-1	101999	0544	1.0	30.7	47.27	26.35	8.17	6.83	101.8
10-1	101999	0545	3.6	30.7	47.21	26.38	8.18	7.05	104.9
10-1	101999	1107	0.2	30.8	47.37	26.60	8.17	7.13	107.5
10-1	101999	1108	1.0	30.8	47.37	26.57	8.18	7.32	109.6
10-1	101999	1109	3.3	31.1	47.81	26.07	8.13	6.70	99.8
10-2	101999	0621	0.2	31.5	48.28	25.92	8.05	5.39	80.2
10-2	101999	0622	1.0	31.5	48.27	25.93	8.05	5.55	82.6
10-2	101999	0622	2.2	31.5	48.36	25.92	8.04	5.35	79.7
10-2	101999	1021	0.2	30.4	46.78	26.26	8.16	6.40	97.0
10-2	101999	1021	1.0	30.5	46.97	26.20	8.16	6.60	97.2
10-2	101999	1023	2.0	30.9	47.45	26.06	8.15	6.85	100.4
10-3	101999	0609	0.2	31.9	48.84	25.85	8.01	4.86	72.5
10-3	101999	0610	1.0	31.9	48.84	25.86	8.01	4.86	72.4
10-3	101999	0610	2.8	31.9	48.84	25.88	8.01	4.81	73.8
10-3	101999	1146	0.2	31.2	47.96	26.52	8.15	7.24	108.9
10-3	101999	1147	1.0	31.2	47.96	26.50	8.15	7.33	110.2
10-3	101999	1147	3.0	31.2	47.93	26.49	8.16	7.50	112.6
10-4	101999	0702	0.2	31.0	47.71	26.02	8.06	5.45	81.2
10-4	101999	0702	1.0	31.0	47.68	26.01	8.06	5.39	80.2
10-4	101999	0703	4.2	31.2	47.96	25.93	8.02	5.14	76.5
10-4	101999	1316	0.2	31.0	47.66	26.98	8.17	6.99	105.9
10-4	101999	1317	1.0	31.0	47.66	26.79	8.17	7.22	109.0
10-4	101999	1318	4.3	31.0	47.64	26.72	8.18	7.10	106.9
10-5	101999	0710	0.2	31.1	47.71	26.05	8.08	5.69	84.9
10-5	101999	0711	1.0	31.0	47.71	26.05	8.08	5.82	85.6
10-5	101999	0711	4.7	31.0	47.66	26.07	8.08	6.02	87.2
10-5	101999	1342	0.2	30.4	46.88	27.27	8.12	7.63	115.6
10-5	101999	1343	1.0	30.6	47.11	27.07	8.14	7.91	119.8
10-5	101999	1343	4.3	31.0	47.66	26.72	8.13	7.51	112.6

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
11-1	101999	0532	0.2	30.2	46.57	26.36	8.10	6.67	99.3
11-1	101999	0532	1.0	30.3	46.72	26.37	8.14	6.85	102.1
11-1	101999	0534	3.1	30.3	46.74	26.37	8.16	7.11	105.9
11-1	101999	1048	0.2	30.6	47.14	26.72	8.18	6.64	99.8
11-1	101999	1049	1.0	30.6	47.13	26.71	8.18	6.86	104.0
11-1	101999	1050	2.9	30.6	47.15	26.25	8.16	6.49	96.1
11-2	101999	0554	0.2	30.6	47.09	26.12	8.17	6.64	98.7
11-2	101999	0554	1.0	30.6	47.08	26.14	8.17	6.72	99.9
11-2	101999	0555	3.5	30.6	47.07	26.13	8.16	6.82	101.6
11-2	101999	1122	0.2	30.7	47.29	26.73	8.15	7.04	105.9
11-2	101999	1123	1.0	30.8	47.30	26.63	8.16	7.14	109.5
11-2	101999	1124	3.2	30.7	47.28	26.13	8.14	6.89	106.0
11-3	101999	0628	0.2	30.8	47.32	26.16	8.11	6.00	88.4
11-3	101999	0628	1.0	30.8	47.34	26.15	8.11	6.09	90.7
11-3	101999	0629	3.1	30.8	47.36	26.11	8.11	6.41	95.3
11-3	101999	1215	0.2	30.9	47.52	26.85	8.12	6.94	105.6
11-3	101999	1216	1.0	30.9	47.52	26.80	8.13	7.25	109.8
11-3	101999	1216	3.4	31.1	47.73	26.28	8.11	7.10	106.1
11-4	101999	0639	0.2	30.6	47.11	25.89	8.15	6.62	97.4
11-4	101999	0639	1.0	30.6	47.10	25.90	8.15	6.79	100.1
11-4	101999	0640	1.8	30.7	47.22	25.95	8.13	6.67	97.4
11-4	101999	1235	0.2	30.8	47.34	27.51	8.16	7.70	117.8
11-4	101999	1235	0.9	31.0	47.61	26.84	8.15	7.84	118.0
11-4	101999	1236	1.6	31.0	47.59	26.83	8.15	7.85	118.1
11-5	101999	0650	0.2	30.7	47.23	26.05	8.10	5.90	87.4
11-5	101999	0651	1.0	30.7	47.21	26.05	8.10	6.03	89.9
11-5	101999	0651	2.4	30.7	47.26	26.14	8.09	6.02	89.6
11-5	101999	1254	0.2	30.0	46.32	27.18	8.10	7.55	114.0
11-5	101999	1255	1.0	30.6	47.11	26.90	8.11	7.30	110.3
11-5	101999	1255	1.9	31.0	47.65	26.50	8.10	6.71	100.8

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
13-1	102099	0531	0.3	29.3	45.15	26.41	7.84	6.34	93.9
13-1	102099	1323	0.2	30.3	46.57	28.15	7.89	7.81	120.0
13-1	102099	1323	1.0	32.3	49.29	27.35	7.89	7.23	110.9
13-1	102099	1324	1.7	33.2	50.46	27.08	7.86	6.45	99.0
13-2	102099	0547	0.2	28.3	43.83	26.72	7.81	6.22	92.2
13-2	102099	0548	1.0	30.5	46.84	27.11	7.89	6.38	96.4
13-2	102099	0548	1.8	32.5	49.57	27.10	7.91	6.14	93.6
13-2	102099	1308	0.2	28.8	44.49	27.69	7.74	5.99	90.5
13-2	102099	1309	1.0	30.2	46.42	27.43	7.80	6.20	94.1
13-2	102099	1309	1.7	33.2	50.57	27.07	7.81	5.26	80.7
13-3	102099	0556	0.2	20.3	34.08	25.60	7.64	5.96	82.6
13-3	102099	0557	1.0	27.4	42.55	26.91	7.72	5.23	77.3
13-3	102099	0557	1.8	28.5	44.14	27.03	7.74	5.27	78.6
13-3	102099	1247	0.2	27.8	43.12	27.87	7.74	6.54	98.5
13-3	102099	1248	0.9	27.9	43.25	27.84	7.74	6.55	98.6
13-3	102099	1248	1.5	28.4	43.48	27.77	7.74	5.35	91.2
13-4	102099	0607	0.2	27.2	42.32	27.00	7.70	4.96	73.4
13-4	102099	0608	0.6	27.4	42.56	27.00	7.71	4.95	73.2
13-4	102099	0608	1.0	27.6	42.80	26.83	7.67	4.65	68.6
13-4	102099	1229	0.2	27.0	42.05	28.18	7.71	6.40	96.2
13-4	102099	1230	0.8	27.1	42.12	28.16	7.71	6.36	96.3
13-4	102099	1230	1.3	27.1	42.15	28.13	7.71	6.32	95.3
13-5	102099	0617	0.2	26.8	41.67	27.06	7.77	5.57	82.4
13-5	102099	0617	0.5	26.8	41.73	27.14	7.77	5.56	82.0
13-5	102099	0618	0.8	26.8	41.77	27.17	7.76	5.48	81.2
13-5	102099	1152	0.2	26.3	41.12	27.58	7.82	6.82	101.4
13-5	102099	1153	0.6	26.7	41.55	27.54	7.81	6.74	100.9
13-5	102099	1154	0.9	27.1	42.13	27.44	7.74	6.02	89.7

**Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles**

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
14-1	102099	0624	0.2	25.2	39.44	26.24	7.81	5.85	84.6
14-1	102099	0624	0.8	25.2	39.43	26.21	7.80	5.96	85.8
14-1	102099	0625	1.4	25.8	40.28	26.51	7.74	5.48	78.6
14-1	102099	1136	0.2	24.9	39.16	27.27	7.75	5.83	85.7
14-1	102099	1136	0.9	25.3	39.68	26.60	7.72	5.47	80.1
14-1	102099	1138	1.6	26.4	41.19	26.99	7.38	1.00	14.9
14-2	102099	0630	0.2	23.7	37.33	26.42	7.86	5.96	85.3
14-2	102099	0630	1.0	24.2	38.06	26.53	7.84	5.87	84.7
14-2	102099	0631	1.7	26.0	40.74	27.11	7.67	4.02	59.1
14-2	102099	1117	0.2	23.4	36.88	27.52	7.85	6.32	92.3
14-2	102099	1118	1.0	24.6	38.81	26.84	7.84	6.74	97.9
14-2	102099	1119	1.7	26.1	40.78	27.19	7.52	3.02	41.8
14-3	102099	0639	0.2	23.6	37.26	26.95	7.85	5.74	83.0
14-3	102099	0640	0.7	24.2	38.15	27.31	7.81	5.47	79.4
14-3	102099	0640	1.1	24.5	38.56	27.26	7.73	4.66	67.8
14-3	102099	1101	0.2	21.6	34.43	28.23	7.70	4.76	69.7
14-3	102099	1101	0.7	24.7	38.81	27.50	7.70	4.41	64.8
14-3	102099	1102	1.2	25.4	39.86	27.48	7.70	4.48	66.2
14-4	102099	0650	0.2	23.2	36.68	26.60	7.85	5.43	77.9
14-4	102099	0650	0.9	23.2	36.65	26.62	7.85	5.33	76.4
14-4	102099	0650	1.6	23.2	36.64	26.61	7.85	5.40	76.9
14-4	102099	1041	0.2	23.0	36.44	27.06	7.85	6.04	87.3
14-4	102099	1042	0.9	23.1	36.50	26.80	7.84	5.87	85.1
14-4	102099	1043	1.6	24.7	38.66	27.08	7.70	4.28	62.1
14-5	102099	0658	0.2	23.6	37.27	26.61	7.82	5.63	80.8
14-5	102099	0658	0.9	24.2	38.05	26.99	7.73	5.06	70.1
14-5	102099	0659	1.5	24.9	39.05	27.24	7.74	4.46	65.4
14-5	102099	1021	0.2	23.4	36.91	27.28	7.70	4.92	71.7
14-5	102099	1022	0.9	23.8	37.48	27.06	7.71	4.76	69.7
14-5	102099	1022	1.6	24.9	39.10	26.93	7.70	4.50	65.6

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
16-1	101999	0542	0.2	22.2	35.26	25.60	7.80	5.76	80.0
16-1	101999	0542	0.7	22.3	35.34	25.67	7.80	5.61	78.1
16-1	101999	0543	1.1	22.3	35.33	25.78	7.81	5.23	73.5
16-1	101999	1356	0.2	22.4	35.58	28.20	7.90	6.64	97.5
16-1	101999	1357	0.6	23.4	36.91	27.38	7.87	6.43	93.6
16-1	101999	1357	0.9	23.4	37.03	27.32	7.88	6.58	95.6
16-2	101999	0555	0.2	23.3	36.81	25.74	7.83	5.65	79.7
16-2	101999	1332	0.2	22.1	35.19	28.13	7.99	7.77	113.9
16-3	101999	0603	0.2	23.4	36.94	25.87	7.87	6.22	88.1
16-3	101999	0604	1.0	23.4	37.04	25.88	7.87	6.08	86.3
16-3	101999	0604	1.9	32.2	49.12	27.21	7.73	3.49	53.4
16-3	101999	1315	0.2	23.8	37.44	27.22	7.88	6.38	93.3
16-3	101999	1316	1.0	25.4	39.76	26.91	7.84	5.76	84.2
16-3	101999	1317	1.7	29.9	45.81	26.92	7.81	4.64	69.3
16-4	101999	0610	0.2	24.0	37.81	25.71	7.89	6.03	85.7
16-4	101999	0610	0.7	24.0	37.79	25.74	7.89	6.11	86.3
16-4	101999	0611	1.1	29.0	44.83	26.43	7.81	4.37	64.6
16-4	101999	1257	0.2	25.0	39.16	27.96	7.89	6.38	94.9
16-4	101999	1258	0.5	25.4	39.82	27.75	7.88	6.25	92.7
16-4	101999	1258	0.8	26.6	41.50	27.04	7.91	6.48	95.7
16-5	101999	0616	0.2	25.8	40.32	25.18	7.85	5.31	75.3
16-5	101999	0616	0.4	27.1	42.19	25.54	7.84	4.97	71.6
16-5	101999	0617	0.6	28.1	43.53	25.77	7.83	4.62	67.2
16-5	101999	1239	0.3	26.5	41.41	27.51	7.96	7.18	107.4

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	101999	0647	0.2	25.8	40.38	26.21	7.69	5.13	74.0
LB-1	101999	0648	1.0	26.2	40.93	26.54	7.72	5.25	76.3
LB-1	101999	0648	3.3	26.4	41.16	26.62	7.72	5.18	75.5
LB-1	101999	1151	0.2	25.0	39.30	27.42	7.66	5.14	75.6
LB-1	101999	1152	1.0	26.0	40.61	26.98	7.66	4.86	71.6
LB-1	101999	1152	2.1	26.2	40.89	26.90	7.66	4.75	69.8
LB-2	101999	0655	0.2	26.2	40.92	26.35	7.63	4.56	66.3
LB-2	101999	0656	1.0	26.1	40.79	26.37	7.64	4.62	67.1
LB-2	101999	0656	3.0	26.1	40.78	26.24	7.63	4.60	66.7
LB-2	101999	1127	0.2	26.3	41.05	27.21	7.70	5.79	85.6
LB-2	101999	1127	0.4	26.3	41.06	27.20	7.72	5.90	87.2
LB-2	101999	1128	0.5	26.3	41.07	27.20	7.72	6.00	88.7
LB-3	101999	0701	0.2	26.5	41.30	25.77	7.67	4.44	63.5
LB-3	101999	0702	0.5	26.5	41.30	25.74	7.67	4.42	63.7
LB-3	101999	0702	0.8	26.5	41.30	25.72	7.67	4.34	62.6
LB-3	101999	1110	0.2	26.6	41.44	26.97	7.80	6.35	94.1
LB-3	101999	1110	0.5	26.6	41.51	26.97	7.80	6.39	94.4
LB-3	101999	1111	0.8	26.6	41.50	26.94	7.80	6.44	94.9
LB-4	101999	0709	0.2	25.7	40.19	25.97	7.89	5.29	76.1
LB-4	101999	0710	0.6	25.7	40.10	26.00	7.89	5.30	76.2
LB-4	101999	0710	1.0	25.6	40.07	26.00	7.89	5.29	76.2
LB-4	101999	1052	0.2	25.8	40.28	26.75	7.97	6.77	99.1
LB-4	101999	1053	0.6	25.8	40.31	26.69	7.97	6.84	99.8
LB-4	101999	1053	1.0	25.8	40.38	26.64	7.98	6.83	100.1
LB-5	101999	0717	0.2	25.3	39.65	25.90	8.05	6.64	95.5
LB-5	101999	0717	1.0	25.3	39.56	25.95	8.06	6.87	98.8
LB-5	101999	0718	2.3	29.2	45.01	26.99	7.98	5.86	86.6
LB-5	101999	1028	0.2	25.4	39.73	26.32	8.06	7.50	108.4
LB-5	101999	1028	1.0	25.5	39.86	26.25	8.08	7.65	110.6
LB-5	101999	1029	2.1	29.3	45.49	27.09	7.91	4.60	68.5

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
ML-1	102099	0651	0.2	0.14	0.28	25.75	6.91	4.95	60.5
ML-1	102099	0651	0.6	0.14	0.28	25.76	6.91	4.77	58.4
ML-1	102099	0652	1.0	0.14	0.28	25.77	6.91	4.65	57.1
ML-1	102099	1113	0.2	0.34	0.71	27.05	6.89	4.97	62.1
ML-1	102099	1114	1.0	0.34	0.69	26.61	6.88	4.79	59.8
ML-1	102099	1114	2.0	0.34	0.69	26.59	6.89	4.72	58.9
ML-2	102099	0659	0.2	0.11	0.23	25.78	6.87	5.41	66.5
ML-2	102099	0659	0.6	0.11	0.24	25.80	6.87	4.85	59.3
ML-2	102099	0700	0.9	0.12	0.24	25.81	6.87	4.74	58.3
ML-2	102099	1056	0.2	0.43	0.88	26.64	6.93	5.55	69.4
ML-2	102099	1057	0.8	0.43	0.88	26.65	6.94	5.03	63.2
ML-2	102099	1057	1.3	0.43	0.87	26.63	6.94	5.09	63.6
ML-3	102099	0706	0.2	0.61	1.23	26.02	6.92	4.84	59.9
ML-3	102099	0706	0.7	0.61	1.23	26.03	6.92	4.77	58.9
ML-3	102099	0707	1.1	0.61	1.22	26.02	6.92	4.70	58.1
ML-3	102099	1042	0.2	0.41	0.84	26.66	6.97	5.12	64.1
ML-3	102099	1043	0.8	0.41	0.84	26.60	6.97	4.99	62.1
ML-3	102099	1043	1.4	0.41	0.83	26.59	6.97	4.92	61.5
ML-4	102099	0713	0.2	0.41	0.83	26.14	6.93	4.79	59.1
ML-4	102099	0714	1.0	0.43	0.88	26.13	6.94	4.66	57.3
ML-4	102099	0714	2.0	0.44	0.90	26.13	6.95	4.67	57.9
ML-4	102099	1025	0.2	0.49	1.00	26.78	6.99	5.05	63.3
ML-4	102099	1026	0.9	0.49	1.00	26.78	7.00	5.02	63.0
ML-4	102099	1026	1.6	0.49	1.00	26.76	7.00	5.01	62.6
ML-5	102099	0727	0.2	0.44	0.90	26.22	6.98	4.90	60.8
ML-5	102099	0728	0.5	0.44	0.90	26.23	6.98	4.90	60.8
ML-5	102099	0728	0.7	0.44	0.90	26.23	6.98	4.86	60.0
ML-5	102099	1005	0.2	0.95	1.87	26.99	7.05	5.55	69.6
ML-5	102099	1005	0.5	0.95	1.89	26.94	7.06	5.41	68.2
ML-5	102099	1006	0.7	0.96	1.89	26.95	7.06	5.39	68.0

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
MU-1	102099	0547	0.2	0.10	0.20	25.32	6.72	4.37	52.9
MU-1	102099	0547	1.0	0.12	0.26	25.15	6.85	3.99	48.5
MU-1	102099	0547	2.0	0.12	0.24	25.06	6.86	3.97	48.1
MU-1	102099	1321	0.2	0.09	0.18	26.41	6.69	4.43	55.0
MU-1	102099	1321	1.0	0.09	0.18	26.41	6.70	4.30	53.4
MU-1	102099	1322	2.1	0.09	0.18	26.36	6.70	4.07	50.5
MU-2	102099	0558	0.2	0.09	0.19	25.32	6.77	4.32	52.3
MU-2	102099	0559	1.0	0.09	0.19	25.33	6.77	4.23	51.4
MU-2	102099	0559	1.9	0.09	0.19	25.33	6.77	4.24	51.4
MU-2	102099	1301	0.2	0.09	0.19	29.14	6.78	5.40	69.4
MU-2	102099	1301	0.9	0.09	0.19	25.75	6.73	4.60	55.9
MU-2	102099	1302	1.5	0.09	0.19	25.76	6.73	4.28	52.2
MU-3	102099	0613	0.2	0.10	0.20	25.44	6.82	4.45	54.0
MU-3	102099	0614	0.4	0.10	0.20	25.44	6.82	4.29	52.2
MU-3	102099	0614	0.5	0.10	0.20	25.44	6.81	4.25	51.9
MU-3	102099	1222	0.2	0.10	0.20	27.26	6.77	4.90	61.9
MU-3	102099	1222	0.4	0.10	0.20	26.68	6.75	4.61	57.6
MU-3	102099	1223	0.5	0.10	0.20	25.66	6.73	4.28	52.5
MU-4	102099	0627	0.2	0.10	0.21	25.55	6.89	4.94	60.4
MU-4	102099	0627	0.5	0.10	0.21	25.55	6.88	4.47	53.6
MU-4	102099	0628	0.7	0.10	0.21	25.55	6.88	4.28	52.1
MU-4	102099	1157	0.2	0.10	0.22	27.34	6.84	4.72	59.3
MU-4	102099	1158	0.6	0.10	0.22	27.28	6.84	4.55	57.5
MU-4	102099	1159	1.0	0.14	0.30	25.44	6.74	3.39	41.0
MU-5	102099	0634	0.2	0.10	0.21	25.58	6.88	4.51	55.2
MU-5	102099	0634	0.9	0.10	0.21	25.58	6.87	4.50	55.1
MU-5	102099	0635	1.5	0.10	0.21	25.59	6.87	4.39	53.5
MU-5	102099	1139	0.2	0.11	0.24	26.87	6.82	4.77	59.8
MU-5	102099	1140	1.0	0.11	0.23	25.89	6.80	4.64	56.8
MU-5	102099	1140	2.5	0.11	0.23	25.78	6.80	4.35	53.3

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	101999	0544	27.35306	-82.58167	27.35273	-82.58195	3.8			
10-1	101999	1107	27.35306	-82.58167	27.35287	-82.58395	3.5	1.3	992228	0.89
10-2	101999	0621	27.33944	-82.56750	27.33927	-82.56775	2.4			
10-2	101999	1021	27.33944	-82.56750	27.33942	-82.56770	2.2	1.6	992229	0.76
10-3	101999	0609	27.33083	-82.58472	27.33142	-82.58445	3.0			
10-3	101999	1146	27.33083	-82.58472	27.33135	-82.58542	3.2	1.4	992225	0.76
10-4	101999	0702	27.31194	-82.56528	27.31213	-82.56577	4.4			
10-4	101999	1316	27.31194	-82.56528	27.31187	-82.56527	4.5	1.2	992234	0.28
10-5	101999	0710	27.31417	-82.55306	27.31392	-82.55352	4.9			
10-5	101999	1342	27.31417	-82.55306	27.31392	-82.55352	4.5	ND	992231	1.15
11-1	101999	0532	27.36361	-82.56167	27.36430	-82.56233	3.3			
11-1	101999	1048	27.36361	-82.56167	27.36393	-82.56232	3.1	1.3	992235	1.48
11-2	101999	0554	27.35306	-82.56194	27.35300	-82.56220	3.7			
11-2	101999	1122	27.35306	-82.56194	27.35300	-82.56202	3.4	1.4	992227	0.75
11-3	101999	0628	27.33778	-82.55500	27.33798	-82.55507	3.3			
11-3	101999	1215	27.33778	-82.55500	27.33810	-82.55503	3.6	1.5	992226	0.72
11-4	101999	0639	27.31972	-82.54583	27.31947	-82.54618	2.0			
11-4	101999	1235	27.31972	-82.54583	27.32055	-82.54740	1.8	1.2	992233	1.09
11-5	101999	0650	27.31194	-82.54222	27.31152	-82.54237	2.6			
11-5	101999	1254	27.31194	-82.54222	27.31165	-82.54238	2.1	1.1	992232	1.35
13-1	102099	0531	27.29250	-82.55194	27.29242	-82.54988	0.5			
13-1	102099	1323	27.29250	-82.55194	27.29112	-82.55105	1.9	0.9	992247	1.22
13-2	102099	0547	27.28556	-82.54444	27.28545	-82.54413	2.0			
13-2	102099	1308	27.28556	-82.54444	27.28585	-82.54445	1.9	0.9	992250	1.82
13-3	102099	0556	27.26583	-82.54194	27.26637	-83.37443	2.0			
13-3	102099	1247	27.26583	-82.54194	27.26588	-82.54057	1.7	0.9	992253	1.38
13-4	102099	0607	27.25694	-82.53222	27.25728	-82.53232	1.2			
13-4	102099	1229	27.25694	-82.53222	27.25708	-82.53267	1.5	1.0	992252	1.24
13-5	102099	0617	27.24750	-82.52222	27.24750	-82.52203	1.0			
13-5	102099	1152	27.24750	-82.52222	27.26460	-82.52203	1.1	0.7	992249	1.95
14-1	102099	0624	27.23500	-82.52028	27.23523	-82.52005	1.6			
14-1	102099	1136	27.23500	-82.52028	27.23482	-82.52027	1.8	1.0	992248	1.58
14-2	102099	0630	27.22639	-82.51333	27.22647	-82.51328	1.9			
14-2	102099	1117	27.22639	-82.51333	27.22635	-82.51375	1.9	1.1	992254	1.20
14-3	102099	0639	27.21750	-82.50278	27.21777	-82.50285	1.3			
14-3	102099	1101	27.21750	-82.50278	27.21755	-82.50282	1.4	=B	992251	1.42
14-4	102099	0650	27.19861	-82.50222	27.19835	-82.50237	1.8			
14-4	102099	1041	27.19861	-82.50222	27.19858	-82.50262	1.8	1.1	992256	1.31
14-5	102099	0658	27.19000	-82.49444	27.18998	-82.49415	1.7			
14-5	102099	1021	27.19000	-82.49444	27.18963	-82.49472	1.8	1.2	992257	1.45

ND = Not Determined due to boat trouble

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
16-1	101999	0542	27.17194	-82.49250	27.17145	-82.49242	1.3			
16-1	101999	1356	27.17194	-82.49250	27.17178	-82.49225	1.1	>B	992236	1.60
16-2	101999	0555	27.16167	-82.48611	27.16117	-82.48460	0.4			
16-2	101999	1332	27.16167	-82.48611	27.16135	-82.48472	0.4	>B	992237	1.43
16-3	101999	0603	27.15306	-82.48028	27.15298	-82.48008	2.1			
16-3	101999	1315	27.15306	-82.48028	27.15375	-82.48040	1.9	1.0	992246	1.46
16-4	101999	0610	27.14333	-82.47528	28.39523	-82.47502	1.3			
16-4	101999	1257	27.14333	-82.47528	27.14720	-82.47507	1.0	>B	992238	1.69
16-5	101999	0616	27.13417	-82.47083	27.13423	-82.47070	0.8			
16-5	101999	1239	27.13417	-82.47083	27.13465	-82.47055	0.5	>B	992239	0.87
LB-1	101999	0647	27.04472	-82.43222	27.03810	-82.43238	3.5			
LB-1	101999	1151	27.04472	-82.43222	27.04535	-82.43235	2.3	1.0	992245	1.76
LB-2	101999	0655	27.01556	-82.41306	27.01557	-82.41300	3.2			
LB-2	101999	1127	27.01556	-82.41306	27.01547	-82.41343	0.7	>B	992243	1.63
LB-3	101999	0701	27.00139	-82.40556	27.00145	-82.40547	1.0			
LB-3	101999	1110	27.00139	-82.40556	27.00135	-82.40540	1.0	>B	992241	1.62
LB-4	101999	0709	26.98139	-82.38917	26.98130	-82.38913	1.2			
LB-4	101999	1052	26.98139	-82.38917	26.98140	-82.38927	1.2	>B	992240	1.69
LB-5	101999	0717	26.95139	-82.36583	26.95120	-82.36587	2.5			
LB-5	101999	1028	26.95139	-82.36583	26.95197	-82.36533	2.3	0.7	992242	1.23
ML-1	102099	0651	27.03917	-82.28333	27.03937	-82.28365	1.2			
ML-1	102099	1113	27.03917	-82.28333	27.03950	-82.28317	2.2	0.6	992267	4.78
ML-2	102099	0659	27.03278	-82.27806	27.03268	-82.27783	1.1			
ML-2	102099	1056	27.03278	-82.27806	27.03245	-82.27788	1.5	0.6	992260	3.96
ML-3	102099	0706	27.03083	-82.27111	27.03073	-82.27118	1.3			
ML-3	102099	1042	27.03083	-82.27111	27.03070	-82.27125	1.6	0.5	992268	4.67
ML-4	102099	0713	27.02333	-82.27472	27.02340	-82.27495	2.2			
ML-4	102099	1025	27.02333	-82.27472	27.02307	-82.27505	1.8	0.6	992262	5.03
ML-5	102099	0727	27.01056	-82.26861	27.01063	-82.26872	0.9			
ML-5	102099	1005	27.01056	-82.26861	27.01060	-82.26862	0.9	0.6	992261	5.30
MU-1	102099	0547	27.09528	-82.32972	27.09580	-82.33050	2.2			
MU-1	102099	1321	27.09528	-82.32972	27.09490	-82.32987	2.3	0.6	992264	3.97
MU-2	102099	0558	27.08722	-82.32361	27.08820	-82.32413	2.1			
MU-2	102099	1301	27.08722	-82.32361	27.08772	-82.32352	1.7	0.6	992259	4.33
MU-3	102099	0613	27.07389	-82.31667	27.07435	-82.31653	0.7			
MU-3	102099	1222	27.07389	-82.31667	27.07368	-82.31673	0.7	>B	992263	2.41
MU-4	102099	0627	27.06028	-82.30722	27.06072	-82.30685	0.9			
MU-4	102099	1157	27.06028	-82.30722	27.06002	-82.30713	1.2	0.6	992258	4.12
MU-5	102099	0634	27.05306	-82.29472	27.05310	-82.29493	1.7			
MU-5	102099	1139	27.05306	-82.29472	27.05287	-82.29472	2.7	0.7	992265	4.55

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH ₄ -N Diss (mg/l)	NO ₂₃ -N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO ₄ -P Diss (mg/l)	Total P (mg/l)	BOD ₅ (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	1.0M	1106	992228	10/19/1999	0.009	U0.005	U0.005	0.40	0.40	0.008	0.17	1.8	11	2.7	12	8.25	4.1	0.9	30.8
10-2	1.0M	1020	992229	10/19/1999	0.007	U0.005	U0.005	0.39	0.39	0.009	0.18	1.8	13	3.1	14	8.23	4.9	1.3	30.4
10-3	1.0M	1146	992225	10/19/1999	0.015	U0.005	U0.005	0.30	0.30	0.009	0.16	1.7	14	3.9	11	8.22	5.7	2.3	31.2
10-4	1.0M	1315	992234	10/19/1999	0.010	U0.005	U0.005	0.37	0.37	0.009	0.17	1.7	17	3.4	14	8.18	5.3	3.5	31.0
10-4 REP	1.0M	1326	992230	10/19/1999	0.007	U0.005	U0.005	0.35	0.35	0.010	0.18	1.7	8	3.3	11	8.26	1.2	11.2	NA
10-5	1.0M	1340	992231	10/19/1999	U0.005	U0.005	U0.005	0.32	0.32	0.009	0.27	1.8	11	5.0	20	8.19	4.6	6.0	30.4
11-1	1.0M	1050	992235	10/19/1999	0.006	U0.005	U0.005	0.42	0.42	0.009	0.18	2.3	11	3.8	18	8.19	7.2	3.1	30.6
11-2	1.0M	1122	992227	10/19/1999	0.006	U0.005	U0.005	0.35	0.35	0.008	0.18	1.9	7	3.5	14	8.22	5.8	2.9	30.7
11-3	1.0M	1215	992226	10/19/1999	0.006	U0.005	U0.005	0.38	0.38	0.010	0.19	1.9	10	4.4	13	8.15	6.5	3.5	30.9
11-4	1.0M	1234	992233	10/19/1999	U0.005	U0.005	U0.005	0.37	0.37	0.009	0.22	1.9	9	4.8	17	8.17	5.9	4.6	30.8
11-5	1.0M	1253	992232	10/19/1999	0.006	U0.005	U0.005	0.42	0.42	0.010	0.21	1.7	11	6.8	21	8.23	6.4	6.9	30.0
13-1	MID	1325	992247	10/20/1999	U0.005	U0.005	U0.005	0.60	0.60	0.024	0.18	2.9	18	6.2	27	8.23	7.0	7.3	30.3
13-2	MID	1308	992250	10/20/1999	0.022	U0.005	U0.005	0.65	0.65	0.036	0.22	2.1	25	8.8	37	8.06	13.0	8.0	28.8
13-3	MID	1247	992253	10/20/1999	0.017	U0.005	U0.005	0.69	0.69	0.044	0.25	2.7	19	7.3	39	8.10	12.0	8.4	27.8
13-4	MID	1229	992252	10/20/1999	0.007	U0.005	U0.005	0.73	0.73	0.049	0.22	2.5	19	6.2	36	8.05	11.4	7.2	27.0
13-5	MID	1152	992249	10/20/1999	0.007	U0.005	U0.005	0.87	0.87	0.044	0.22	3.0	14	7.6	46	8.12	10.9	9.2	26.3
14-1	MID	1136	992248	10/20/1999	0.010	U0.005	U0.005	0.82	0.82	0.052	0.21	2.8	20	8.0	48	8.04	14.2	6.0	24.9
14-2	MID	1117	992254	10/20/1999	0.011	U0.005	U0.005	0.88	0.88	0.055	0.24	2.9	13	4.6	44	8.14	9.8	4.8	23.4
14-3	MID	1102	992251	10/20/1999	0.022	U0.005	U0.005	0.86	0.86	0.063	0.27	3.1	11	4.6	42	8.00	9.9	5.3	21.6
14-4	MID	1041	992256	10/20/1999	U0.005	U0.005	U0.005	1.07	1.07	0.049	0.23	2.9	9	4.0	46	8.13	10.7	3.5	23.0
14-5	MID	1021	992257	10/20/1999	0.037	U0.005	U0.005	0.82	0.82	0.064	0.23	2.9	6	4.3	47	8.02	11.1	4.0	23.4
14-5 REP	MID	1026	992255	10/20/1999	0.026	U0.005	U0.005	0.84	0.84	0.063	0.21	2.6	6	4.2	42	8.02	10.7	4.7	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH ₄ -N Diss (mg/l)	NO ₂₃ -N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO ₄ -P Diss (mg/l)	Total P (mg/l)	BOD ₅ (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	MID	1356	992236	10/19/1999	0.007	U0.005	U0.005	0.75	0.75	0.052	0.22	2.5	8	3.7	55	7.94	12.5	3.9	22.4
16-2	MID	1332	992237	10/19/1999	0.014	U0.005	U0.005	0.79	0.79	0.056	0.23	2.0	12	6.2	65	8.23	9.1	4.3	22.1
16-3	MID	1315	992246	10/19/1999	U0.005	U0.005	U0.005	0.68	0.68	0.049	0.50	2.2	9	5.1	48	8.18	11.2	5.6	23.8
16-4	MID	1257	992238	10/19/1999	U0.005	U0.005	U0.005	0.55	0.55	0.044	0.21	2.0	12	4.7	50	8.21	6.6	3.7	25.0
16-5	MID	1239	992239	10/19/1999	0.007	U0.005	U0.005	0.65	0.65	0.040	0.19	1.8	10	4.8	44	8.31	8.7	5.4	26.5
LB-1	1.0M	1151	992245	10/19/1999	0.042	0.058	0.054	0.64	0.69	0.078	0.50	0.9	7	3.7	65	8.01	6.3	3.1	25.0
LB-2	MID	1127	992243	10/19/1999	0.031	0.043	0.041	0.70	0.74	0.081	0.49	1.2	9	3.4	50	8.05	11.2	4.7	26.3
LB-3	MID	1109	992241	10/19/1999	U0.005	U0.005	U0.005	0.72	0.72	0.073	0.40	1.9	12	3.5	55	8.14	8.3	21.3	26.6
LB-4	MID	1052	992240	10/19/1999	0.009	U0.005	U0.005	0.88	0.88	0.077	0.29	3.4	10	3.8	50	8.11	22.8	4.2	25.8
LB-5	1.0M	1028	992242	10/19/1999	U0.005	U0.005	U0.005	0.86	0.86	0.069	0.41	3.2	11	3.4	46	8.40	0.7	8.7	25.4
LB-5 REP	1.0M	1032	992244	10/19/1999	U0.005	U0.005	U0.005	0.96	0.96	0.070	0.49	2.9	7	3.4	48	8.39	11.9	2.4	NA
ML-1	1.0M	1112	992267	10/20/1999	0.050	0.069	0.068	1.26	1.33	0.262	0.32	1.5	U2	1.3	250	6.92	3.2	U0.5	0.34
ML-2	MID	1055	992260	10/20/1999	0.057	0.073	0.071	1.24	1.31	0.252	0.29	1.2	2	1.6	250	6.59	1.5	0.6	0.43
ML-3	MID	1041	992268	10/20/1999	0.058	0.076	0.074	1.22	1.29	0.253	0.28	1.0	U2	1.7	240	6.96	1.8	U0.5	0.41
ML-4	MID	1024	992262	10/20/1999	0.055	0.077	0.075	1.13	1.20	0.257	0.34	1.0	2	1.8	250	6.74	2.4	U0.5	0.49
ML-5	MID	0950	992261	10/20/1999	0.071	0.081	0.077	1.30	1.38	0.242	0.29	1.3	2	1.9	260	6.79	5.1	4.1	0.95
ML-5 REP	MID	1005	992266	10/20/1999	0.053	0.080	0.077	1.27	1.35	0.244	0.34	1.2	2	1.9	240	6.96	5.4	0.9	NA
MU-1	1.0M	1320	992264	10/20/1999	0.040	0.076	0.074	1.11	1.18	0.324	0.39	1.6	2	1.0	230	6.60	U0.5	0.5	0.09
MU-2	MID	1300	992259	10/20/1999	0.041	0.076	0.074	1.25	1.32	0.321	0.37	1.0	U2	0.95	240	7.05	1.4	U0.5	0.09
MU-3	MID	1220	992263	10/20/1999	0.043	0.073	0.071	1.09	1.16	0.320	0.37	0.9	U2	1.0	240	6.70	0.7	U0.5	0.10
MU-4	MID	1157	992258	10/20/1999	0.041	0.077	0.075	1.03	1.11	0.321	0.38	1.1	U2	0.95	250	7.02	U0.5	U0.5	0.10
MU-5	1.0M	1139	992265	10/20/1999	0.052	0.070	0.069	1.09	1.16	0.296	0.35	1.6	U2	1.1	250	6.79	U0.5	U0.5	0.11
EQP BLK		1440	992270	10/20/1999	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	0.5	U2	U0.2	U1	5.96	U0.5	U0.5	NA
EQP BLK		1530	992269	10/20/1999	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	6.03	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rainfall		Cloud Cover		Air Temperature (Deg C)	Wind		Wave Height (ft)		
			Begin (EST)	End (EST)	No	Yes	Min (%)	Max		Direction (DegM)	Velocity (mph)			
101999	AM	10	0544	0710	0		5	-	20		60	5	<0.5 - 0.5	
101999	PM	10	1021	1342	0		5	-	20		85	- 260	5	<0.5 - 0.5
101999	AM	11	0532	0650	0		5	-	20	24.8	60	- 70	5	<0.5 - 0.5
101999	PM	11	1048	1254	0		5	-	15	27.5	90	- 120	5	<0.5
101999	AM	16	0542	0616	0		0			24.0	90		5	<0.5 - 0.5
101999	PM	16	1239	1356	0		10				90	- 240	5	<0.5
101999	AM	LB	0647	0717	0		0				90		5	<0.5 - 0.5
101999	PM	LB	1028	1151	0		10	-	20		90		10	<0.5 - 0.5
102099	AM	13	0531	0617	0		0	-	100	26.1	90		5	<0.5
102099	PM	13	1152	1323	0		30	-	40		90	- 270	5	<0.5 - 0.5
102099	AM	14	0624	0658	0		100				90		5	<0.5
102099	PM	14	1021	1136	0		10	-	40		90		5	<0.5 - 0.5
102099	AM	ML	0651	0727	0		100				Calm	<5		<0.5 - 0.5
102099	PM	ML	1005	1113	0		25	-	40		135		5	<0.5
102099	AM	MU	0547	0634	0		10	-	100	25.8	Calm	<5		<0.5
102099	PM	MU	1139	1321	0		45	-	80		Calm	<5		<0.5 - 0.5

Hydrolab DS3 Continuous Deployment at Station MU-2
October 20-22, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-2	102099	1300	26.35	6.89	0.223	0.10	56.5	4.6
MU-2	102099	1315	25.79	6.94	0.213	0.10	52.9	4.3
MU-2	102099	1330	25.81	6.94	0.212	0.10	53.9	4.4
MU-2	102099	1345	25.85	6.95	0.211	0.10	54.5	4.4
MU-2	102099	1400	25.96	6.95	0.211	0.10	54.8	4.4
MU-2	102099	1415	26.03	6.96	0.211	0.10	54.9	4.5
MU-2	102099	1430	26.39	6.97	0.210	0.10	56.3	4.5
MU-2	102099	1445	26.37	6.97	0.211	0.10	66.5	5.4
MU-2	102099	1500	26.47	6.97	0.212	0.10	64.1	5.2
MU-2	102099	1515	26.58	6.97	0.212	0.10	60.2	4.8
MU-2	102099	1530	26.62	6.97	0.211	0.10	59.6	4.8
MU-2	102099	1545	26.67	6.98	0.209	0.10	60.1	4.8
MU-2	102099	1600	26.69	6.97	0.207	0.10	60.8	4.9
MU-2	102099	1615	26.71	6.97	0.206	0.10	62.0	5.0
MU-2	102099	1630	26.71	6.96	0.206	0.10	61.9	5.0
MU-2	102099	1645	26.69	6.96	0.207	0.10	61.5	4.9
MU-2	102099	1700	26.67	6.97	0.208	0.10	61.8	5.0
MU-2	102099	1715	26.66	6.97	0.209	0.10	61.6	4.9
MU-2	102099	1730	26.67	6.96	0.211	0.10	61.3	4.9
MU-2	102099	1745	26.67	6.96	0.212	0.10	60.9	4.9
MU-2	102099	1800	26.67	6.97	0.213	0.10	56.4	4.5
MU-2	102099	1815	26.66	6.97	0.214	0.10	56.6	4.5
MU-2	102099	1830	26.66	6.98	0.215	0.10	56.4	4.5
MU-2	102099	1845	26.64	6.98	0.216	0.10	67.5	5.4
MU-2	102099	1900	26.62	6.98	0.216	0.10	61.8	5.0
MU-2	102099	1915	26.60	6.99	0.217	0.10	61.5	4.9
MU-2	102099	1930	26.60	6.99	0.216	0.10	61.5	4.9
MU-2	102099	1945	26.58	6.99	0.217	0.10	61.7	5.0
MU-2	102099	2000	26.58	6.99	0.216	0.10	61.9	5.0
MU-2	102099	2015	26.58	7.00	0.217	0.10	61.7	5.0
MU-2	102099	2030	26.60	7.00	0.216	0.10	61.5	4.9
MU-2	102099	2045	26.58	7.00	0.217	0.10	61.2	4.9
MU-2	102099	2100	26.60	7.00	0.217	0.10	56.2	4.5
MU-2	102099	2115	26.62	7.00	0.217	0.10	61.0	4.9

Hydrolab DS3 Continuous Deployment at Station MU-2
October 20-22, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-2	102099	2130	26.62	7.00	0.217	0.10	59.9	4.8
MU-2	102099	2145	26.60	7.00	0.217	0.10	54.9	4.4
MU-2	102099	2200	26.58	7.00	0.218	0.10	60.9	4.9
MU-2	102099	2215	26.58	7.00	0.217	0.10	59.3	4.8
MU-2	102099	2230	26.56	7.00	0.217	0.10	68.0	5.5
MU-2	102099	2245	26.54	7.00	0.218	0.10	58.4	4.7
MU-2	102099	2300	26.52	7.00	0.217	0.10	58.1	4.7
MU-2	102099	2315	26.52	7.00	0.217	0.10	53.4	4.3
MU-2	102099	2330	26.52	7.00	0.217	0.10	57.9	4.7
MU-2	102099	2345	26.48	7.00	0.217	0.10	60.0	4.8
MU-2	102199	0000	26.50	7.00	0.216	0.10	57.2	4.6
MU-2	102199	0015	26.50	7.00	0.216	0.10	52.8	4.2
MU-2	102199	0030	26.48	7.00	0.216	0.10	57.6	4.6
MU-2	102199	0045	26.48	7.00	0.216	0.10	56.7	4.6
MU-2	102199	0100	26.45	7.00	0.216	0.10	56.2	4.5
MU-2	102199	0115	26.45	7.00	0.216	0.10	55.9	4.5
MU-2	102199	0130	26.45	7.00	0.216	0.10	55.7	4.5
MU-2	102199	0145	26.43	7.00	0.216	0.10	51.3	4.1
MU-2	102199	0200	26.39	7.00	0.216	0.10	55.5	4.5
MU-2	102199	0215	26.39	7.00	0.216	0.10	54.8	4.4
MU-2	102199	0230	26.39	7.00	0.216	0.10	54.9	4.4
MU-2	102199	0245	26.39	7.00	0.216	0.10	55.1	4.4
MU-2	102199	0300	26.41	7.00	0.216	0.10	55.3	4.5
MU-2	102199	0315	26.41	7.00	0.215	0.10	55.8	4.5
MU-2	102199	0330	26.41	7.00	0.215	0.10	55.4	4.5
MU-2	102199	0345	26.39	6.99	0.214	0.10	55.7	4.5
MU-2	102199	0400	26.39	6.99	0.214	0.10	55.2	4.4
MU-2	102199	0415	26.37	6.99	0.213	0.10	54.8	4.4
MU-2	102199	0430	26.37	6.99	0.214	0.10	54.7	4.4
MU-2	102199	0445	26.35	6.99	0.215	0.10	55.0	4.4
MU-2	102199	0500	26.33	6.99	0.217	0.10	53.9	4.3
MU-2	102199	0515	26.31	6.99	0.216	0.10	53.5	4.3
MU-2	102199	0530	26.28	6.98	0.216	0.10	53.9	4.3
MU-2	102199	0545	26.26	6.98	0.217	0.10	53.3	4.3
MU-2	102199	0600	26.24	6.98	0.217	0.10	53.4	4.3

Hydrolab DS3 Continuous Deployment at Station MU-2

October 20-22, 1999

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-2	102199	0615	26.20	6.97	0.216	0.10	53.4	4.3
MU-2	102199	0630	26.18	6.97	0.216	0.10	53.2	4.3
MU-2	102199	0645	26.16	6.97	0.217	0.10	53.3	4.3
MU-2	102199	0700	26.13	6.97	0.217	0.10	53.4	4.3
MU-2	102199	0715	26.11	6.98	0.218	0.10	53.1	4.3
MU-2	102199	0730	26.09	6.98	0.219	0.10	53.3	4.3
MU-2	102199	0745	26.07	6.98	0.220	0.10	52.9	4.3
MU-2	102199	0800	26.07	6.98	0.221	0.10	52.5	4.3
MU-2	102199	0815	26.07	6.99	0.222	0.10	52.8	4.3
MU-2	102199	0830	26.07	6.99	0.223	0.10	52.8	4.3
MU-2	102199	0845	26.09	6.99	0.223	0.10	52.6	4.3
MU-2	102199	0900	26.09	7.00	0.222	0.10	53.2	4.3
MU-2	102199	0915	26.11	7.00	0.222	0.10	53.1	4.3
MU-2	102199	0930	26.15	7.01	0.222	0.10	53.1	4.3
MU-2	102199	0945	26.16	7.01	0.223	0.10	52.8	4.3
MU-2	102199	1000	26.16	7.01	0.224	0.10	52.5	4.2
MU-2	102199	1015	26.16	7.01	0.224	0.10	52.5	4.2
MU-2	102199	1030	26.15	7.02	0.223	0.10	51.3	4.2
MU-2	102199	1045	26.15	7.03	0.223	0.10	52.1	4.2
MU-2	102199	1100	26.20	7.03	0.223	0.10	53.1	4.3
MU-2	102199	1115	26.30	7.03	0.222	0.10	54.2	4.4
MU-2	102199	1130	26.33	7.04	0.221	0.10	55.8	4.5
MU-2	102199	1145	26.35	7.04	0.221	0.10	54.7	4.4
MU-2	102199	1200	26.28	7.03	0.222	0.10	46.8	3.8
MU-2	102199	1215	26.37	7.04	0.222	0.10	51.2	4.1
MU-2	102199	1230	26.35	7.04	0.222	0.10	50.2	4.0
MU-2	102199	1245	26.33	7.04	0.222	0.10	45.3	3.7
MU-2	102199	1300	26.30	7.03	0.223	0.10	41.6	3.4
MU-2	102199	1315	26.30	7.03	0.223	0.10	42.8	3.5
MU-2	102199	1330	26.31	7.02	0.223	0.10	43.9	3.5
MU-2	102199	1345	26.31	7.02	0.223	0.10	45.2	3.6
MU-2	102199	1400	26.33	7.03	0.222	0.10	46.5	3.8
MU-2	102199	1415	26.39	7.03	0.221	0.10	47.5	3.8
MU-2	102199	1430	26.45	7.03	0.219	0.10	48.8	3.9
MU-2	102199	1445	26.50	7.03	0.218	0.10	49.6	4.0

Hydrolab DS3 Continuous Deployment at Station MU-2
October 20-22, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-2	102199	1500	26.58	7.03	0.218	0.10	49.6	4.0
MU-2	102199	1515	26.66	7.04	0.217	0.10	50.8	4.1
MU-2	102199	1530	26.66	7.03	0.216	0.10	50.7	4.1
MU-2	102199	1545	26.64	7.03	0.217	0.10	50.5	4.0
MU-2	102199	1600	26.62	7.03	0.218	0.10	50.8	4.1
MU-2	102199	1615	26.62	7.03	0.219	0.10	56.1	4.5
MU-2	102199	1630	26.60	7.03	0.218	0.10	50.4	4.0
MU-2	102199	1645	26.58	7.02	0.216	0.10	51.5	4.1
MU-2	102199	1700	26.56	7.02	0.215	0.10	51.0	4.1
MU-2	102199	1715	26.54	7.01	0.215	0.10	73.5	5.9
MU-2	102199	1730	26.50	7.01	0.215	0.10	50.6	4.1
MU-2	102199	1745	26.45	7.01	0.216	0.10	54.8	4.4
MU-2	102199	1800	26.43	7.01	0.218	0.10	55.1	4.4
MU-2	102199	1815	26.37	7.01	0.219	0.10	54.3	4.4
MU-2	102199	1830	26.33	7.01	0.220	0.10	54.3	4.4
MU-2	102199	1845	26.30	7.02	0.222	0.10	54.1	4.4
MU-2	102199	1900	26.28	7.02	0.223	0.10	49.7	4.0
MU-2	102199	1915	26.24	7.02	0.224	0.10	49.8	4.0
MU-2	102199	1930	26.22	7.02	0.226	0.10	58.2	4.7
MU-2	102199	1945	26.20	7.02	0.226	0.10	49.6	4.0
MU-2	102199	2000	26.16	7.03	0.225	0.10	54.6	4.4
MU-2	102199	2015	26.13	7.03	0.226	0.10	54.5	4.4
MU-2	102199	2030	26.11	7.03	0.226	0.10	54.2	4.4
MU-2	102199	2045	26.07	7.03	0.226	0.10	53.1	4.3
MU-2	102199	2100	26.07	7.04	0.224	0.10	55.4	4.5
MU-2	102199	2115	26.07	7.04	0.224	0.10	55.8	4.5
MU-2	102199	2130	26.03	7.04	0.224	0.10	54.9	4.5
MU-2	102199	2145	26.01	7.04	0.223	0.10	56.1	4.5
MU-2	102199	2200	26.00	7.04	0.223	0.10	50.7	4.1
MU-2	102199	2215	25.98	7.04	0.223	0.10	55.4	4.5
MU-2	102199	2230	25.94	7.04	0.223	0.10	55.6	4.5
MU-2	102199	2245	25.94	7.04	0.223	0.10	55.6	4.5
MU-2	102199	2300	25.92	7.04	0.223	0.10	55.1	4.5
MU-2	102199	2315	25.90	7.04	0.223	0.10	54.1	4.4
MU-2	102199	2330	25.86	7.04	0.224	0.10	54.2	4.4

Hydrolab DS3 Continuous Deployment at Station MU-2
October 20-22, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-2	102199	2345	25.83	7.04	0.224	0.10	54.1	4.4
MU-2	102299	0000	25.83	7.04	0.223	0.10	49.8	4.1
MU-2	102299	0015	25.79	7.04	0.224	0.10	54.7	4.5
MU-2	102299	0030	25.75	7.04	0.223	0.10	49.1	4.0
MU-2	102299	0045	25.73	7.04	0.223	0.10	49.7	4.1
MU-2	102299	0100	25.66	7.04	0.223	0.10	49.3	4.0
MU-2	102299	0115	25.71	7.04	0.222	0.10	49.1	4.0
MU-2	102299	0130	25.64	7.04	0.222	0.10	49.8	4.1
MU-2	102299	0145	25.64	7.04	0.222	0.10	57.8	4.7
MU-2	102299	0200	25.64	7.04	0.222	0.10	52.2	4.3
MU-2	102299	0215	25.62	7.04	0.221	0.10	57.9	4.7
MU-2	102299	0230	25.58	7.05	0.221	0.10	53.2	4.4
MU-2	102299	0245	25.55	7.05	0.221	0.10	53.4	4.4
MU-2	102299	0300	25.60	7.04	0.221	0.10	53.1	4.3
MU-2	102299	0315	25.62	7.04	0.221	0.10	54.3	4.4
MU-2	102299	0330	25.60	7.04	0.221	0.10	54.3	4.4
MU-2	102299	0345	25.53	7.04	0.221	0.10	54.4	4.5
MU-2	102299	0400	25.53	7.03	0.221	0.10	54.4	4.5
MU-2	102299	0415	25.53	7.03	0.221	0.10	50.7	4.1
MU-2	102299	0430	25.51	7.03	0.222	0.10	50.8	4.2
MU-2	102299	0445	25.47	7.04	0.223	0.10	51.4	4.2
MU-2	102299	0500	25.45	7.04	0.225	0.10	50.8	4.2
MU-2	102299	0515	25.42	7.04	0.226	0.10	58.0	4.8
MU-2	102299	0530	25.38	7.04	0.227	0.10	54.7	4.5
MU-2	102299	0545	25.34	7.04	0.227	0.10	54.7	4.5
MU-2	102299	0600	25.30	7.03	0.226	0.10	54.9	4.5
MU-2	102299	0615	25.27	7.03	0.225	0.10	54.6	4.5
MU-2	102299	0630	25.23	7.03	0.225	0.10	55.1	4.5
MU-2	102299	0645	25.19	7.03	0.225	0.10	54.7	4.5
MU-2	102299	0700	25.17	7.03	0.225	0.10	54.9	4.5
MU-2	102299	0715	25.14	7.03	0.227	0.10	54.6	4.5
MU-2	102299	0730	25.10	7.04	0.228	0.10	55.0	4.5
MU-2	102299	0745	25.06	7.04	0.229	0.10	50.9	4.2
MU-2	102299	0800	25.05	7.04	0.231	0.10	51.2	4.2
MU-2	102299	0815	25.01	7.04	0.231	0.10	51.3	4.2

Hydrolab DS3 Continuous Deployment at Station MU-2

October 20-22, 1999

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-2	102299	0830	25.01	7.05	0.231	0.10	51.3	4.2
MU-2	102299	0845	24.99	7.05	0.232	0.10	51.3	4.2
MU-2	102299	0900	24.95	7.05	0.232	0.10	51.5	4.3
MU-2	102299	0915	24.99	7.05	0.232	0.10	60.3	5.0
MU-2	102299	0930	25.01	7.05	0.232	0.10	52.3	4.3
MU-2	102299	0945	25.05	7.06	0.231	0.10	52.6	4.3
MU-2	102299	1000	25.08	7.06	0.230	0.10	52.3	4.3
MU-2	102299	1015	25.08	7.06	0.229	0.10	52.3	4.3
MU-2	102299	1030	25.14	7.06	0.229	0.10	51.6	4.3
MU-2	102299	1045	25.17	7.07	0.229	0.10	51.5	4.2
MU-2	102299	1100	25.21	7.07	0.228	0.10	52.1	4.3
MU-2	102299	1115	25.25	7.08	0.228	0.10	50.8	4.2
MU-2	102299	1130	25.27	7.08	0.229	0.10	51.6	4.2
MU-2	102299	1145	25.30	7.07	0.230	0.10	50.0	4.1
MU-2	102299	1200	25.29	7.07	0.230	0.10	46.6	3.8

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
10-1	111099	0623	0.2	30.4	46.67	20.32	8.18	7.02	93.6
10-1	111099	0624	1.0	30.4	46.67	20.32	8.18	7.17	95.5
10-1	111099	0625	3.2	30.4	46.64	20.34	8.18	7.24	96.5
10-1	111099	1132	0.2	31.4	48.13	20.74	8.14	7.42	100.4
10-1	111099	1132	1.0	31.4	48.11	20.70	8.15	7.56	102.3
10-1	111099	1133	3.7	31.4	48.09	20.55	8.15	7.82	105.4
10-2	111099	0635	0.2	30.5	46.77	20.32	8.15	7.11	94.8
10-2	111099	0635	1.0	30.5	46.76	20.34	8.15	7.11	94.7
10-2	111099	0636	1.8	30.4	46.75	20.35	8.15	7.17	95.7
10-2	111099	1111	0.2	31.6	48.30	20.88	8.08	7.24	98.2
10-2	111099	1111	1.0	31.6	48.29	20.89	8.08	7.42	100.8
10-2	111099	1112	1.8	31.5	48.25	20.85	8.09	7.54	102.1
10-3	111099	0645	0.2	30.8	47.28	20.71	8.10	7.10	95.6
10-3	111099	0645	0.5	30.8	47.28	20.72	8.10	7.16	96.4
10-3	111099	0646	0.8	30.8	47.28	20.75	8.10	7.24	97.9
10-3	111099	1044	0.2	32.1	48.99	21.00	8.02	6.92	94.4
10-3	111099	1045	1.0	32.1	48.98	21.00	8.02	6.98	95.2
10-3	111099	1045	2.8	32.0	48.94	20.99	8.03	7.12	97.0
10-4	111099	0745	0.2	30.9	47.35	20.36	8.11	6.40	86.0
10-4	111099	0745	0.8	30.9	47.35	20.42	8.13	6.53	87.5
10-4	111099	0746	1.3	30.8	47.28	20.42	8.12	6.30	84.1
10-4	111099	1440	0.2	31.6	48.42	21.51	8.04	7.08	97.4
10-4	111099	1441	1.0	31.6	48.41	21.51	8.05	7.23	99.5
10-4	111099	1442	1.9	31.9	48.72	21.32	8.06	7.23	99.1
10-5	111099	0722	0.2	30.4	46.70	20.53	8.00	6.51	87.2
10-5	111099	0722	0.9	30.4	46.72	20.49	7.99	6.41	85.7
10-5	111099	0723	1.6	30.4	46.76	20.47	7.99	6.37	85.2
10-5	111099	1310	0.2	31.6	48.41	21.78	8.07	8.07	111.5
10-5	111099	1311	0.5	31.6	48.40	21.79	8.08	8.55	119.4
10-5	111099	1311	0.7	31.6	48.40	21.81	8.10	9.38	129.0

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
11-1	111099	0618	0.2	30.3	46.63	20.35	8.15	6.81	91.0
11-1	111099	0619	1.0	30.3	46.60	20.36	8.16	7.01	93.5
11-1	111099	0619	3.5	30.3	46.58	20.37	8.16	7.39	98.9
11-1	111099	1151	0.2	31.3	48.00	20.99	8.09	7.38	100.3
11-1	111099	1152	1.0	31.3	47.96	20.93	8.10	7.47	101.3
11-1	111099	1153	3.6	31.4	48.04	20.64	8.13	7.56	101.8
11-2	111099	0612	0.2	30.3	46.61	20.73	8.05	6.99	93.8
11-2	111099	0612	1.0	30.4	46.65	20.74	8.05	7.15	96.2
11-2	111099	0613	3.0	30.3	46.61	20.74	8.06	7.37	99.0
11-2	111099	1215	0.2	31.4	48.12	21.21	8.03	7.27	99.3
11-2	111099	1215	1.0	31.4	48.12	21.20	8.03	7.38	100.6
11-2	111099	1216	3.1	31.4	48.11	21.06	8.03	7.42	101.1
11-3	111099	0604	0.2	29.2	45.09	20.76	7.94	7.26	96.8
11-3	111099	0604	1.0	29.8	45.92	20.77	7.97	7.19	95.9
11-3	111099	0605	2.1	30.3	46.54	20.77	8.00	7.46	100.2
11-3	111099	1239	0.2	31.5	48.18	21.19	7.99	7.02	96.5
11-3	111099	1240	1.0	31.4	48.15	21.17	7.99	7.09	96.8
11-3	111099	1241	2.4	31.4	48.16	21.16	8.00	7.18	97.8
11-4	111099	0703	0.2	30.5	46.92	20.74	8.04	6.89	92.7
11-4	111099	0703	0.6	30.5	46.88	20.75	8.04	6.90	91.8
11-4	111099	0704	1.0	30.5	46.89	20.76	8.04	6.84	92.1
11-4	111099	1412	0.2	31.8	48.62	21.48	7.99	7.36	101.2
11-4	111099	1412	1.0	31.8	48.59	21.47	8.00	7.55	102.9
11-4	111099	1413	1.8	31.8	48.59	21.46	8.00	7.66	104.9
11-5	111099	0710	0.2	28.9	44.62	20.85	7.93	6.23	82.8
11-5	111099	0711	1.0	29.2	44.96	20.90	7.94	6.18	82.7
11-5	111099	0711	2.1	30.3	46.61	20.87	7.96	5.92	79.6
11-5	111099	1347	0.2	30.9	47.44	22.27	7.96	7.39	103.4
11-5	111099	1348	1.0	31.2	47.84	21.69	7.96	7.32	101.4
11-5	111099	1348	2.2	31.7	48.57	21.42	7.98	7.21	98.6

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
13-1	111099	0618	0.2	29.7	45.79	20.42	7.56	6.32	84.2
13-1	111099	0619	0.9	30.3	46.60	20.44	7.61	6.02	80.4
13-1	111099	0619	1.6	32.1	48.92	20.55	7.68	6.13	82.9
13-1	111099	1347	0.2	31.4	48.03	21.53	7.73	7.07	97.0
13-1	111099	1348	1.0	32.4	49.36	21.13	7.73	6.92	94.8
13-1	111099	1349	1.8	32.7	49.84	21.11	7.75	7.16	97.7
13-2	111099	0624	0.2	30.8	47.20	19.93	7.64	6.30	82.3
13-2	111099	0624	0.8	30.8	47.29	19.98	7.63	6.07	79.9
13-2	111099	0625	1.4	31.3	47.96	20.11	7.67	6.04	81.1
13-2	111099	1323	0.2	30.8	47.16	21.54	7.73	7.33	100.3
13-2	111099	1323	0.7	30.7	47.12	21.54	7.73	7.37	100.8
13-2	111099	1324	1.2	30.7	47.11	21.55	7.73	7.38	102.2
13-3	111099	0630	0.2	29.8	45.89	20.48	7.59	6.14	81.3
13-3	111099	0631	0.8	30.0	46.05	20.49	7.59	6.09	81.2
13-3	111099	0631	1.3	30.0	46.20	20.48	7.60	6.10	81.4
13-3	111099	1258	0.2	30.5	46.76	21.39	7.70	7.11	96.8
13-3	111099	1258	0.8	30.5	46.79	21.34	7.69	6.96	94.7
13-3	111099	1259	1.3	30.5	46.82	21.30	7.69	7.00	95.3
13-4	111099	0636	0.2	29.7	45.77	20.52	7.63	6.54	87.3
13-4	111099	0636	1.0	29.7	45.76	20.54	7.63	6.61	88.1
13-4	111099	0637	3.8	29.8	45.86	20.55	7.62	6.72	89.6
13-4	111099	1237	0.2	30.1	46.20	21.25	7.66	6.62	88.5
13-4	111099	1238	1.0	30.1	46.28	21.21	7.66	6.57	89.2
13-4	111099	1239	4.0	30.1	46.32	21.19	7.65	6.59	89.3
13-5	111099	0645	0.2	29.3	45.19	20.41	7.62	6.31	83.4
13-5	111099	0645	0.9	29.3	45.19	20.44	7.62	6.17	81.5
13-5	111099	0646	1.6	29.9	45.97	20.85	7.60	5.73	75.8
13-5	111099	1211	0.2	29.6	45.59	21.14	7.66	6.84	92.2
13-5	111099	1212	0.6	29.6	45.60	21.10	7.66	6.94	93.5
13-5	111099	1212	1.0	29.6	45.60	21.10	7.64	6.88	93.1

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
14-1	111099	0650	0.2	29.1	44.90	20.48	7.59	5.89	78.2
14-1	111099	0652	1.0	29.1	44.84	20.49	7.61	5.69	75.5
14-1	111099	0652	1.9	29.6	45.66	20.93	7.59	5.42	72.8
14-1	111099	1153	0.2	29.1	44.96	20.94	7.73	7.44	99.3
14-1	111099	1154	1.0	29.1	44.91	20.92	7.73	7.46	99.9
14-1	111099	1154	1.8	29.1	44.93	20.73	7.71	7.16	94.5
14-2	111099	0659	0.2	28.4	43.99	20.29	7.67	6.24	82.2
14-2	111099	0659	0.7	28.4	43.94	20.31	7.67	5.95	78.3
14-2	111099	0700	1.2	28.4	43.92	20.30	7.68	5.97	78.6
14-2	111099	1135	0.2	28.4	43.98	21.08	7.76	7.42	98.9
14-2	111099	1136	0.6	28.4	43.99	21.11	7.77	7.43	99.4
14-2	111099	1136	1.0	28.4	43.97	21.08	7.77	7.53	100.6
14-3	111099	0705	0.2	28.5	44.09	20.24	7.66	6.24	79.5
14-3	111099	0706	0.6	28.5	44.07	20.27	7.67	5.86	77.1
14-3	111099	0706	1.0	28.5	44.05	20.30	7.67	5.88	77.5
14-3	111099	1115	0.2	28.4	43.93	21.04	7.75	7.29	97.4
14-3	111099	1116	0.7	28.4	43.95	21.04	7.75	7.41	98.9
14-3	111099	1117	1.1	28.5	44.03	20.98	7.76	7.46	99.6
14-4	111099	0712	0.2	28.5	44.07	20.43	7.70	5.85	77.3
14-4	111099	0712	0.7	28.5	44.07	20.45	7.70	5.74	75.5
14-4	111099	0713	1.2	28.6	44.15	20.58	7.68	5.52	73.1
14-4	111099	1055	0.2	28.8	44.44	21.11	7.78	6.83	91.6
14-4	111099	1055	0.6	28.8	44.45	21.11	7.78	6.83	91.6
14-4	111099	1056	0.9	28.7	44.40	21.11	7.78	6.81	91.4
14-5	111099	0717	0.2	28.9	44.64	20.32	7.71	6.10	80.7
14-5	111099	0717	0.6	29.1	44.90	20.41	7.71	5.94	77.7
14-5	111099	0718	1.0	29.2	45.07	20.45	7.68	5.71	75.4
14-5	111099	1040	0.2	28.9	44.65	20.99	7.81	6.89	92.5
14-5	111099	1041	0.6	29.1	44.88	20.97	7.81	6.93	93.4
14-5	111099	1041	1.0	29.2	44.99	20.97	7.80	6.89	92.3

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
16-1	110999	0544	0.2	28.8	44.51	20.90	7.87	6.41	85.5
16-1	110999	0545	1.0	29.1	44.86	21.00	7.88	6.45	86.4
16-1	110999	0545	1.8	31.0	47.48	21.62	7.89	6.25	85.7
16-1	110999	1400	0.2	29.6	45.61	22.21	8.06	7.63	105.0
16-1	110999	1400	0.8	29.8	45.77	22.21	8.06	7.57	104.6
16-1	110999	1401	1.4	31.0	47.51	21.91	8.04	7.19	98.9
16-2	110999	0553	0.2	29.3	45.16	21.05	7.90	6.17	82.8
16-2	110999	0554	0.4	29.3	45.18	21.06	7.89	6.07	81.5
16-2	110999	0554	0.5	29.3	45.20	21.07	7.89	6.06	81.4
16-2	110999	1338	0.2	31.5	48.16	22.08	8.05	7.31	101.6
16-2	110999	1338	0.4	31.5	48.15	22.08	8.05	7.39	102.4
16-2	110999	1339	0.6	31.5	48.14	22.08	8.05	7.39	102.6
16-3	110999	0601	0.2	32.3	49.28	20.77	7.96	6.30	85.7
16-3	110999	0602	0.6	32.3	49.31	20.78	7.96	6.42	87.1
16-3	110999	0603	0.9	32.6	49.70	20.73	7.95	6.45	87.8
16-3	110999	1322	0.2	31.1	47.66	22.07	8.05	7.56	104.7
16-3	110999	1323	0.7	31.2	47.72	22.08	8.06	7.61	105.6
16-3	110999	1324	1.2	31.9	48.73	22.00	8.05	7.36	102.2
16-4	110999	0612	0.2	31.6	48.24	21.13	7.95	6.22	84.5
16-4	110999	0612	1.0	31.6	48.25	21.13	7.95	6.23	85.1
16-4	110999	0612	4.1	31.6	48.37	21.09	7.94	6.30	85.4
16-4	110999	1305	0.2	33.7	51.01	22.11	8.06	7.24	101.9
16-4	110999	1306	0.8	34.1	51.75	21.84	8.05	6.96	97.8
16-4	110999	1306	1.3	34.3	52.06	21.67	8.05	6.86	96.1
16-5	110999	0617	0.2	32.2	49.17	21.09	7.96	6.47	88.5
16-5	110999	0618	1.0	32.2	49.17	21.08	7.96	6.55	89.6
16-5	110999	0618	2.7	32.2	49.16	21.07	7.96	6.22	85.0
16-5	110999	1248	0.2	34.4	52.17	21.56	8.03	6.60	92.3
16-5	110999	1249	1.0	33.8	50.91	21.61	8.01	6.60	92.0
16-5	110999	1249	2.8	34.4	52.13	21.57	8.03	6.63	92.6

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	110999	0648	0.2	29.4	45.30	21.30	7.87	6.10	82.1
LB-1	110999	0649	0.6	29.4	45.32	21.27	7.87	6.16	83.0
LB-1	110999	0649	1.0	29.4	45.35	21.21	7.86	6.05	81.3
LB-1	110999	1151	0.2	28.6	44.18	22.47	7.93	7.05	96.9
LB-1	110999	1152	0.5	28.9	44.69	21.99	7.89	6.44	87.9
LB-1	110999	1152	0.7	29.1	44.87	21.86	7.88	6.27	85.2
LB-2	110999	0653	0.2	28.0	43.38	21.19	7.90	6.05	80.8
LB-2	110999	0654	0.8	28.1	43.54	21.19	7.89	5.95	79.6
LB-2	110999	0654	1.4	28.1	43.55	21.20	7.89	5.95	79.4
LB-2	110999	1135	0.2	28.2	43.60	21.95	7.93	6.86	92.9
LB-2	110999	1135	0.6	28.1	43.58	21.98	7.94	6.83	92.8
LB-2	110999	1136	0.9	28.2	43.59	21.95	7.93	6.70	90.9
LB-3	110999	0701	0.2	25.9	40.48	21.06	7.86	5.87	76.8
LB-3	110999	0702	0.6	26.8	41.66	21.78	7.90	5.83	78.0
LB-3	110999	0702	1.0	27.0	41.96	22.09	7.86	4.95	67.5
LB-3	110999	1115	0.2	26.6	41.39	22.04	7.95	6.40	85.8
LB-3	110999	1115	0.6	26.5	41.27	21.98	7.96	6.38	85.7
LB-3	110999	1116	0.9	26.7	41.59	22.06	7.96	6.50	87.6
LB-4	110999	0711	0.2	26.6	41.37	20.75	8.04	5.16	67.8
LB-4	110999	0711	0.5	26.6	41.38	20.72	8.04	5.09	66.5
LB-4	110999	0712	0.7	26.5	41.32	20.75	8.01	4.88	64.1
LB-4	110999	1051	0.2	26.6	41.42	21.34	8.11	6.48	86.0
LB-4	110999	1052	0.6	26.6	41.50	21.35	8.12	6.47	86.1
LB-4	110999	1053	1.0	26.6	41.49	21.34	8.13	6.50	86.7
LB-5	110999	0724	0.2	27.0	42.06	20.63	8.28	6.58	86.5
LB-5	110999	0724	0.9	27.0	42.02	20.66	8.27	6.71	88.3
LB-5	110999	0725	1.5	27.4	42.61	21.00	8.21	6.24	82.8
LB-5	110999	1025	0.2	27.0	41.98	21.02	8.25	7.04	93.3
LB-5	110999	1026	0.8	27.0	42.00	21.02	8.27	7.06	93.2
LB-5	110999	1026	1.3	27.2	42.29	21.14	8.26	6.87	91.3

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
ML-1	110999	0643	0.2	0.86	1.63	21.65	7.38	7.26	83.3
ML-1	110999	0643	1.0	0.86	1.63	21.65	7.38	7.26	83.2
ML-1	110999	0644	2.3	0.90	1.69	21.68	7.40	7.30	83.5
ML-1	110999	1222	0.2	0.20	0.41	22.54	7.21	6.72	78.0
ML-1	110999	1222	1.0	0.22	0.44	22.54	7.19	6.86	79.5
ML-1	110999	1223	1.7	0.23	0.46	22.56	7.18	6.81	78.5
ML-2	110999	0657	0.2	1.31	2.44	21.63	7.65	7.85	89.3
ML-2	110999	0657	0.8	1.31	2.44	21.54	7.62	7.67	87.2
ML-2	110999	0658	1.4	1.31	2.44	21.46	7.59	7.54	85.6
ML-2	110999	1157	0.2	0.66	1.25	22.60	7.39	7.17	83.8
ML-2	110999	1157	0.7	0.67	1.26	22.58	7.37	7.19	83.5
ML-2	110999	1158	1.1	0.68	1.28	22.59	7.36	7.20	83.9
ML-3	110999	0703	0.2	1.52	2.82	21.73	7.62	7.65	87.8
ML-3	110999	0704	0.5	1.52	2.82	21.78	7.62	7.67	88.3
ML-3	110999	0704	0.8	1.52	2.83	21.78	7.62	7.61	87.5
ML-3	110999	1139	0.2	2.11	3.92	22.99	7.43	7.28	85.7
ML-3	110999	1139	0.4	2.16	3.97	22.94	7.38	7.10	83.9
ML-3	110999	1140	0.5	2.20	4.05	22.82	7.34	6.90	81.5
ML-4	110999	0717	0.2	1.73	3.19	21.79	7.88	7.98	91.6
ML-4	110999	0717	1.0	1.85	3.40	21.85	7.88	7.92	90.9
ML-4	110999	0718	2.8	1.90	3.50	21.79	7.87	7.95	91.7
ML-4	110999	1112	0.2	1.12	2.07	22.12	7.60	7.52	86.8
ML-4	110999	1113	0.8	1.18	2.22	22.15	7.60	7.50	86.8
ML-4	110999	1113	1.4	1.16	2.18	22.14	7.60	7.48	86.2
ML-5	110999	0730	0.2	3.70	6.68	20.98	7.91	7.72	88.8
ML-5	110999	0730	0.9	3.66	6.60	21.01	7.91	7.62	87.5
ML-5	110999	0731	1.5	5.16	9.06	20.67	7.84	7.49	86.4
ML-5	110999	1015	0.2	2.81	5.11	21.86	7.99	7.54	87.6
ML-5	110999	1015	0.7	2.90	5.27	21.86	7.98	7.48	86.8
ML-5	110999	1016	1.2	3.64	6.56	21.70	7.96	7.44	86.4

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
MU-1	110999	0539	0.2	0.11	0.24	21.26	6.89	7.03	79.8
MU-1	110999	0540	1.0	0.11	0.24	21.27	6.92	6.90	77.8
MU-1	110999	0540	2.6	0.11	0.24	21.27	6.94	6.56	74.0
MU-1	110999	1420	0.2	0.10	0.22	22.16	6.93	6.64	76.3
MU-1	110999	1420	1.0	0.10	0.22	22.13	6.92	6.59	75.7
MU-1	110999	1421	2.5	0.10	0.22	21.96	6.91	6.68	76.4
MU-2	110999	0559	0.2	0.12	0.25	21.73	7.08	7.26	82.3
MU-2	110999	0600	0.9	0.12	0.25	21.80	7.07	6.76	76.9
MU-2	110999	0600	1.5	0.12	0.25	21.81	7.06	6.60	74.8
MU-2	110999	1348	0.2	0.11	0.24	22.43	7.01	6.34	73.1
MU-2	110999	1348	1.0	0.11	0.24	22.20	6.96	6.23	71.5
MU-2	110999	1349	2.2	0.11	0.24	22.07	6.95	6.13	70.3
MU-3	110999	0615	0.2	0.15	0.30	21.82	7.16	6.87	78.4
MU-3	110999	0615	1.0	0.15	0.30	21.85	7.16	6.85	78.4
MU-3	110999	0616	1.8	0.15	0.30	21.86	7.15	6.89	78.6
MU-3	110999	1321	0.2	0.12	0.25	22.91	7.03	6.55	75.8
MU-3	110999	1322	0.6	0.12	0.25	22.55	7.01	6.25	72.3
MU-3	110999	1322	1.0	0.12	0.25	22.38	7.01	6.15	70.9
MU-4	110999	0623	0.2	0.28	0.55	21.84	7.20	6.94	79.2
MU-4	110999	0623	0.8	0.29	0.57	21.86	7.19	6.89	78.5
MU-4	110999	0623	1.4	0.30	0.58	21.86	7.19	6.83	78.0
MU-4	110999	1300	0.2	0.13	0.27	22.98	7.14	7.22	84.0
MU-4	110999	1300	0.5	0.13	0.27	22.94	7.12	7.05	80.2
MU-4	110999	1301	0.8	0.13	0.27	22.93	7.12	6.72	78.4
MU-5	110999	0629	0.2	0.53	1.02	21.81	7.24	6.91	79.2
MU-5	110999	0629	0.7	0.54	1.03	21.84	7.24	6.83	78.1
MU-5	110999	0629	1.1	0.54	1.04	21.84	7.24	6.79	77.5
MU-5	110999	1243	0.2	0.13	0.28	22.73	7.16	7.30	85.1
MU-5	110999	1243	0.5	0.13	0.28	22.70	7.14	7.19	82.8
MU-5	110999	1244	0.7	0.13	0.28	22.71	7.13	7.08	82.1

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	111099	0623	27.35917	-82.57611	27.35882	-82.57595	3.4			
10-1	111099	1132	27.35917	-82.57611	27.35907	-82.57590	3.9	1.3	992288	1.16
10-2	111099	0635	27.34750	-82.56889	27.34720	-82.56980	2.0			
10-2	111099	1111	27.34750	-82.56889	27.34713	-82.56900	2.0	1.3	992279	0.92
10-3	111099	0645	27.33972	-82.58111	27.33963	-82.58202	1.0			
10-3	111099	1044	27.33972	-82.58111	27.33988	-82.58178	3.0	1.6	992327	0.67
10-4	111099	0745	27.32333	-82.57528	27.32177	-82.57478	1.5			
10-4	111099	1440	27.32333	-82.57528	27.32230	-82.57455	2.1	>B	992282	0.42
10-5	111099	0722	27.30667	-82.55639	27.30645	-82.55730	1.8			
10-5	111099	1310	27.30667	-82.55639	27.30693	-82.55653	0.9	>B	992289	1.17
11-1	111099	0618	27.36056	-82.56750	27.36130	-82.56787	3.7			
11-1	111099	1151	27.36056	-82.56750	27.36070	-82.56765	3.8	1.5	992328	1.04
11-2	111099	0612	27.35139	-82.55639	27.35103	-82.55667	3.2			
11-2	111099	1215	27.35139	-82.55639	27.35145	-82.55670	3.3	1.5	992285	0.92
11-3	111099	0604	27.33694	-82.55944	27.33662	-82.55990	2.3			
11-3	111099	1239	27.33694	-82.55944	27.33687	-82.55948	2.6	1.7	992280	0.78
11-4	111099	0703	27.32556	-82.54972	27.32517	-82.55007	1.2			
11-4	111099	1412	27.32556	-82.54972	27.32550	-82.55018	2.0	>B	992281	1.02
11-5	111099	0710	27.30750	-82.54194	27.30728	-82.54248	2.3			
11-5	111099	1347	27.30750	-82.54194	27.30790	-82.54185	2.4	1.4	992286	0.74
13-1	111099	0618	27.29056	-82.54806	27.29043	-82.54777	1.8			
13-1	111099	1347	27.29056	-82.54806	27.29035	-82.54815	2.0	1.0	992296	1.42
13-2	111099	0624	27.28306	-82.54861	27.28263	-82.54837	1.6			
13-2	111099	1323	27.28306	-82.54861	27.28297	-82.54825	1.4	1.1	992300	1.05
13-3	111099	0630	27.26556	-82.53889	27.26578	-82.53930	1.5			
13-3	111099	1258	27.26556	-82.53889	27.26557	-82.53890	1.5	1.2	992297	1.41
13-4	111099	0636	27.25944	-82.53500	27.25978	-82.53562	4.0			
13-4	111099	1237	27.25944	-82.53500	27.25910	-82.53482	4.2	1.2	992290	0.91
13-5	111099	0645	27.25000	-82.52500	27.24982	-82.52517	1.8			
13-5	111099	1211	27.25000	-82.52500	27.24985	-82.52525	1.2	>B	992295	1.14
14-1	111099	0650	27.24083	-82.35000	27.23968	-82.51490	2.1			
14-1	111099	1153	27.24083	-82.35000	27.23960	-82.51502	2.0	1.0	992293	1.44
14-2	111099	0659	27.22333	-82.51194	27.22337	-82.51247	1.4			
14-2	111099	1135	27.22333	-82.51194	27.22320	-82.51222	1.2	=B	992299	1.44
14-3	111099	0705	27.21972	-82.50500	27.21940	-82.50513	1.2			
14-3	111099	1115	27.21972	-82.50500	27.21990	-82.50505	1.3	=B	992298	1.10
14-4	111099	0712	27.19528	-82.50250	27.19515	-82.50248	1.4			
14-4	111099	1055	27.19528	-82.50250	27.19522	-82.50237	1.1	>B	992292	1.58
14-5	111099	0717	27.18778	-82.49833	27.18735	-82.49857	1.2			
14-5	111099	1040	27.18778	-82.49833	27.18733	-82.49848	1.2	>B	992291	1.26

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Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
16-1	110999	0544	27.17472	-82.49111	27.17470	-82.49078	2.0			
16-1	110999	1400	27.17472	-82.49111	27.17442	-82.49105	1.6	1.1	992310	0.83
16-2	110999	0553	27.16056	-82.48306	27.16032	-82.48313	0.7			
16-2	110999	1338	27.16056	-82.48306	27.16068	-82.48313	0.8	>B	992311	0.68
16-3	110999	0601	27.14750	-82.47806	27.14732	-82.47820	1.1			
16-3	110999	1322	27.14750	-82.47806	27.14755	-82.47803	1.4	>B	992307	0.87
16-4	110999	0612	27.14056	-82.47028	27.13983	-82.47030	4.3			
16-4	110999	1305	27.14056	-82.47028	27.14067	-82.47050	1.5	1.5	992303	0.57
16-5	110999	0617	27.13028	-82.47000	27.12948	-82.46975	2.9			
16-5	110999	1248	27.13028	-82.47000	27.13017	-82.47008	3.0	>B	992308	0.54
LB-1	110999	0648	27.03389	-82.42639	27.03458	-82.42583	1.2			
LB-1	110999	1151	27.03389	-82.42639	27.03403	-82.42537	0.9	>B	992306	1.00
LB-2	110999	0653	27.02167	-82.41806	27.02210	-82.41758	1.6			
LB-2	110999	1135	27.02167	-82.41806	27.02138	-82.41772	1.1	>B	992304	1.21
LB-3	110999	0701	26.99583	-82.39889	26.99583	-82.39943	1.2			
LB-3	110999	1115	26.99583	-82.39889	26.99580	-82.39910	1.1	>B	992302	0.94
LB-4	110999	0711	26.97750	-82.38917	26.97733	-82.38892	0.9			
LB-4	110999	1051	26.97750	-82.38917	26.97740	-82.38943	1.2	=B	992301	1.37
LB-5	110999	0724	26.95889	-82.37667	26.95873	-82.37660	1.7			
LB-5	110999	1025	26.95889	-82.37667	26.95860	-82.37678	1.5	>B	992309	0.77
ML-1	110999	0643	27.04389	-82.29278	27.04430	-82.29255	2.5			
ML-1	110999	1222	27.04389	-82.29278	27.04407	-82.29247	1.9	0.6	992318	3.35
ML-2	110999	0657	27.03083	-82.27639	27.03078	-82.27603	1.6			
ML-2	110999	1157	27.03083	-82.27639	27.03117	-82.27648	1.3	0.4	992313	4.31
ML-3	110999	0703	27.03389	-82.27361	27.03350	-82.27345	1.0			
ML-3	110999	1139	27.03389	-82.27361	27.03425	-82.27365	0.7	>B	992322	4.42
ML-4	110999	0717	27.01972	-82.27389	27.01932	-82.27357	3.0			
ML-4	110999	1112	27.01972	-82.27389	27.01952	-82.27358	1.6	0.5	992314	3.13
ML-5	110999	0730	27.00056	-82.25694	27.00068	-82.25717	1.7			
ML-5	110999	1015	27.00056	-82.25694	27.00048	-82.25732	1.4	0.6	992317	3.99
MU-1	110999	0539	27.09667	-82.33167	27.09688	-82.33168	2.8			
MU-1	110999	1420	27.09667	-82.33167	27.09697	-82.33208	2.7	0.5	992312	4.33
MU-2	110999	0559	27.08167	-82.31944	27.08182	-82.31912	1.7			
MU-2	110999	1348	27.08167	-82.31944	27.08188	-82.31902	2.4	0.7	992315	3.97
MU-3	110999	0615	27.05944	-82.31694	27.06683	-82.31372	2.0			
MU-3	110999	1321	27.05944	-82.31694	27.06652	-82.31420	1.2	0.7	992321	3.91
MU-4	110999	0623	27.05833	-82.30500	27.05817	-82.30490	1.6			
MU-4	110999	1300	27.05833	-82.30500	27.05825	-82.30495	1.0	>B	992320	4.21
MU-5	110999	0629	27.05278	-82.29778	27.05325	-82.29730	1.3			
MU-5	110999	1243	27.05278	-82.29778	27.05320	-82.29773	0.9	>B	992319	3.53

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH ₄ -N Diss (mg/l)	NO ₂₃ -N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO ₄ -P Diss (mg/l)	Total P (mg/l)	BOD ₅ (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	1.0M	1131	992288	11/10/1999	U0.005	U0.005	U0.005	0.44	0.44	U0.005	0.17	1.9	14	7.5	14	8.28	4.1	4.7	31.4
10-2	1.0M	1110	992279	11/10/1999	U0.005	U0.005	U0.005	0.39	0.39	0.005	0.13	1.3	13	8.3	21	8.23	4.2	2.7	31.6
10-3	1.0M	1030	992327	11/10/1999	U0.005	U0.005	U0.005	0.30	0.30	0.005	0.10	0.9	8	2.7	8	8.13	3.3	U0.5	32.1
10-3 REP	1.0M	1042	992287	11/10/1999	U0.005	U0.005	U0.005	0.24	0.24	0.005	0.10	0.5	8	3.4	9	8.16	2.2	0.7	NA
10-4	1.0M	1440	992282	11/10/1999	U0.005	U0.005	U0.005	0.27	0.27	0.006	0.10	0.8	4	1.8	10	8.22	2.7	0.5	31.6
10-5	MID	1309	992289	11/10/1999	U0.005	U0.005	U0.005	0.30	0.30	0.007	0.11	1.0	7	4.5	11	8.18	3.7	1.7	31.6
11-1	1.0M	1151	992328	11/10/1999	U0.005	U0.005	U0.005	0.36	0.36	0.006	0.14	1.7	10	5.8	13	8.22	5.1	1.6	31.3
11-2	1.0M	1214	992285	11/10/1999	U0.005	U0.005	U0.005	0.30	0.30	0.006	0.15	1.2	9	6.1	12	8.19	4.3	1.9	31.4
11-3	1.0M	1238	992280	11/10/1999	U0.005	U0.005	U0.005	0.32	0.32	0.007	0.11	0.7	8	4.6	12	8.11	3.1	2.1	31.5
11-4	1.0M	1410	992281	11/10/1999	U0.005	U0.005	U0.005	0.28	0.28	0.006	0.12	1.0	7	4.4	11	8.17	2.5	1.4	31.8
11-5	1.0M	1345	992286	11/10/1999	0.007	U0.005	U0.005	0.28	0.28	0.010	0.16	1.3	6	4.5	14	8.17	2.6	2.5	30.9
13-1	1.0	1347	992296	11/10/1999	U0.005	U0.005	U0.005	0.46	0.46	0.019	0.12	1.2	12	6.0	21	7.99	5.6	3.7	31.4
13-2	MID	1338	992311	11/9/1999	U0.005	U0.005	U0.005	0.41	0.41	0.012	0.10	1.1	6	4.2	14	8.09	5.3	1.8	31.5
13-2	MID	1323	992300	11/10/1999	U0.005	U0.005	U0.005	0.49	0.49	0.020	0.13	1.6	13	6.0	21	8.05	5.3	3.8	30.8
13-3	MID	1257	992297	11/10/1999	U0.005	U0.005	U0.005	0.48	0.48	0.025	0.12	1.7	8	4.7	20	7.97	5.6	2.8	30.5
13-4	1.0M	1237	992290	11/10/1999	0.006	U0.005	U0.005	0.47	0.47	0.029	0.12	1.5	7	5.1	23	7.91	4.2	2.8	30.1
13-5	MID	1211	992295	11/10/1999	0.006	U0.005	U0.005	0.53	0.53	0.022	0.14	1.5	11	5.2	23	7.95	6.0	3.5	29.6
14-1	MID	1151	992293	11/10/1999	0.007	U0.005	U0.005	0.57	0.57	0.012	0.14	1.9	12	5.6	24	8.02	4.3	5.6	29.1
14-2	MID	1135	992299	11/10/1999	U0.005	U0.005	U0.005	0.73	0.73	0.014	0.16	2.3	26	8.0	24	8.03	6.0	5.7	28.4
14-3	MID	1115	992298	11/10/1999	U0.005	U0.005	U0.005	0.62	0.62	0.014	0.14	2.6	9	5.2	24	8.04	5.7	4.8	28.4
14-4	MID	1055	992292	11/10/1999	U0.005	U0.005	U0.005	0.73	0.73	0.016	0.16	2.4	13	6.3	26	8.08	7.9	3.2	28.8
14-5	MID	1028	992291	11/10/1999	U0.005	U0.005	U0.005	0.58	0.58	0.015	0.12	2.0	6	3.4	24	7.99	7.7	3.1	28.9
14-5 REP	MID	1040	992294	11/10/1999	U0.005	U0.005	U0.005	0.63	0.63	0.013	0.13	1.6	8	3.3	21	8.01	6.7	3.3	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH ₄ -N Diss (mg/l)	NO ₂₃ -N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO ₄ -P Diss (mg/l)	Total P (mg/l)	BOD ₅ (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	MID	1400	992310	11/9/1999	U0.005	U0.005	U0.005	0.51	0.51	0.015	0.14	1.3	13	5.0	24	8.04	5.9	4.2	29.6
16-3	MID	1322	992307	11/9/1999	U0.005	U0.005	U0.005	0.46	0.46	0.013	0.11	0.9	7	4.3	14	8.10	3.4	2.8	31.1
16-4	MID	1305	992303	11/9/1999	U0.005	U0.005	U0.005	0.35	0.35	0.008	0.09	0.5	6	3.7	12	8.12	1.3	1.9	33.7
16-5	1.0M	1248	992308	11/9/1999	U0.005	U0.005	U0.005	0.28	0.28	0.008	0.09	U0.5	4	2.6	10	8.10	1.8	1.1	34.4
LB-1	MID	1151	992306	11/9/1999	0.023	0.011	0.010	0.54	0.55	0.064	0.19	0.8	7	3.6	29	7.90	3.8	2.2	28.6
LB-2	MID	1135	992304	11/9/1999	0.021	0.006	0.007	0.59	0.60	0.071	0.25	1.3	13	4.3	27	8.00	6.1	3.6	28.2
LB-3	MID	1115	992302	11/9/1999	0.020	U0.005	U0.005	0.64	0.64	0.084	0.22	2.0	5	2.9	35	7.99	7.7	1.2	26.6
LB-4	MID	1051	992301	11/9/1999	U0.005	U0.005	U0.005	0.73	0.73	0.072	0.22	2.6	8	4.1	34	7.99	10.5	3.2	26.6
LB-5	MID	1020	992309	11/9/1999	0.034	0.005	U0.005	0.60	0.60	0.054	0.15	1.5	5	2.5	22	7.98	3.3	1.0	27.0
LB-5 REP	MID	1028	992305	11/9/1999	0.023	U0.005	U0.005	0.61	0.61	0.055	0.15	1.6	4	2.9	28	8.34	4.1	2.1	NA
ML-1	1.0M	1219	992318	11/9/1999	0.055	0.133	0.133	1.18	1.31	0.294	0.34	1.3	U2	1.2	230	7.20	4.4	4.3	0.20
ML-2	MID	1155	992313	11/9/1999	0.035	0.097	0.099	1.14	1.24	0.266	0.32	1.5	3	1.9	210	7.00	9.1	0.7	0.66
ML-3	MID	1139	992322	11/9/1999	0.040	0.066	0.069	1.12	1.19	0.222	0.28	1.5	4	2.3	200	7.00	13.6	3.9	2.11
ML-4	MID	1109	992314	11/9/1999	0.019	0.041	0.047	1.13	1.18	0.220	0.28	2.4	5	3.3	200	7.32	16.1	3.9	1.12
ML-5	MID	1015	992317	11/9/1999	0.031	U0.005	U0.005	1.12	1.12	0.176	0.29	1.9	8	4.4	200	7.44	12.4	8.0	2.81
ML-5 REP	MID	1027	992316	11/9/1999	0.021	U0.005	U0.005	1.15	1.15	0.181	0.27	1.6	9	4.1	240	7.44	2.3	U0.5	NA
MU-1	1.0M	1418	992312	11/9/1999	0.044	0.137	0.137	1.16	1.30	0.295	0.35	1.3	U2	1.5	230	6.72	3.1	2.3	0.10
MU-2	1.0M	1347	992315	11/9/1999	0.052	0.149	0.150	1.16	1.31	0.308	0.36	1.1	U2	1.5	210	7.16	1.4	1.4	0.11
MU-3	MID	1320	992321	11/9/1999	0.060	0.152	0.154	1.15	1.30	0.303	0.37	1.1	U2	2.4	200	6.46	2.2	U0.5	0.12
MU-4	MID	1300	992320	11/9/1999	0.051	0.147	0.150	1.15	1.30	0.301	0.37	1.2	U2	1.2	220	7.06	3.2	U0.5	0.13
MU-5	MID	1243	992319	11/9/1999	0.055	0.149	0.150	1.15	1.30	0.303	0.37	1.1	U2	1.2	210	7.11	2.0	1.0	0.13
EQP BLK		1535	992324	11/10/1999	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	6.67	U0.5	U0.5	NA
EQP BLK		1550	992323	11/10/1999	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	6.26	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rainfall		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)
			Begin (EST)	End (EST)	No	Yes	Min (%)	Max				
110999	AM	16	0544	0617	0		Clear		20.2	30	5	<0.5
110999	PM	16	1248	1400	0		40			90	15	<0.5 - 1.0
110999	AM	LB	0648	0724	0		Clear			30	5 - 10	<0.5 - 0.5
110999	PM	LB	1025	1151	0		0 -	20	22.0	90	15 - 20	<0.5 - 1.0
110999	AM	ML	0643	0730	0		Clear			15	<5 - 5	<0.5
110999	PM	ML	1015	1222	0		0 -	35	22.8	45	10	<0.5 - 1.0
110999	AM	MU	0539	0629	0		Clear		21.5	Calm	<5	<0.5
110999	PM	MU	1243	1420	0		20 -	40		40 - 50	10 - 15	<0.5
111099	AM	10	0623	0745	0		20			60 - 80	5	<0.5
111099	PM	10	1044	1440	0		15 -	30	21.7	30 - 45	5 - 10	<0.5 - 2.0
111099	AM	11	0604	0710	0		20		18.6	60 - 80	5	<0.5 - 0.5
111099	PM	11	1151	1412	0		30 -	40		45 - 50	5 - 15	<0.5
111099	AM	13	0618	0645	0		10 -	20	19.4	120	10	<0.5 - 0.5
111099	PM	13	1211	1347	0		40 -	50		90	10	<0.5
111099	AM	14	0650	0717	0		20			120	10	<0.5
111099	PM	14	1040	1153	0		20 -	40		60 - 90	10 - 15	<0.5 - 1.0

Hydrolab DS3 Continuous Deployment at Station 10-4
November 09-10, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
10-4	110999	1530	22.97	8.14	49.8	32.7	161.7	11.4
10-4	110999	1545	22.97	8.20	49.8	32.7	165.2	11.6
10-4	110999	1600	22.95	8.22	49.7	32.6	164.6	11.6
10-4	110999	1615	22.90	8.23	49.8	32.7	166.1	11.7
10-4	110999	1630	22.84	8.23	49.8	32.7	165.5	11.7
10-4	110999	1645	22.79	8.23	49.8	32.7	161.7	11.4
10-4	110999	1700	22.72	8.22	49.8	32.7	155.1	11.0
10-4	110999	1715	22.63	8.22	49.8	32.6	151.7	10.8
10-4	110999	1730	22.58	8.22	49.8	32.6	146.7	10.4
10-4	110999	1745	22.50	8.21	49.8	32.7	143.0	10.2
10-4	110999	1800	22.47	8.20	49.8	32.7	137.3	9.8
10-4	110999	1815	22.38	8.19	49.8	32.7	134.2	9.6
10-4	110999	1830	22.31	8.18	49.8	32.7	132.0	9.4
10-4	110999	1845	22.24	8.17	49.8	32.7	128.1	9.1
10-4	110999	1900	22.15	8.16	49.8	32.7	124.9	8.9
10-4	110999	1915	22.04	8.14	49.9	32.7	121.7	8.7
10-4	110999	1930	21.97	8.14	49.9	32.7	119.0	8.5
10-4	110999	1945	21.87	8.13	49.9	32.7	116.0	8.3
10-4	110999	2000	21.79	8.13	49.8	32.7	114.4	8.2
10-4	110999	2015	21.69	8.11	49.8	32.7	111.8	8.1
10-4	110999	2030	21.64	8.09	49.9	32.7	108.7	7.8
10-4	110999	2045	21.55	8.08	49.9	32.8	104.8	7.6
10-4	110999	2100	21.46	8.07	49.9	32.8	103.2	7.5
10-4	110999	2115	21.32	8.05	50.0	32.8	98.7	7.2
10-4	110999	2130	21.18	8.04	50.1	32.9	94.4	6.9
10-4	110999	2145	21.13	8.04	50.1	32.9	94.9	6.9
10-4	110999	2200	21.11	8.06	50.1	32.9	96.6	7.0
10-4	110999	2215	21.09	8.06	50.1	32.9	96.1	7.0
10-4	110999	2230	21.09	8.06	50.1	32.9	94.7	6.9
10-4	110999	2245	21.07	8.05	50.1	32.9	96.0	7.0
10-4	110999	2300	21.07	8.05	50.1	32.9	93.4	6.8
10-4	110999	2315	21.06	8.04	50.1	32.9	93.7	6.8
10-4	110999	2330	20.99	8.04	50.1	32.9	91.8	6.7
10-4	110999	2345	20.93	8.03	50.2	33.0	90.5	6.6

Hydrolab DS3 Continuous Deployment at Station 10-4
November 09-10, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
10-4	111099	0000	20.92	8.03	50.1	32.9	87.1	6.4
10-4	111099	0015	20.83	8.02	50.2	33.0	84.3	6.2
10-4	111099	0030	20.71	8.01	50.2	33.0	83.8	6.1
10-4	111099	0045	20.58	7.98	50.3	33.0	78.1	5.7
10-4	111099	0100	20.44	7.93	50.3	33.1	73.0	5.4
10-4	111099	0115	20.35	7.88	50.3	33.1	68.7	5.1
10-4	111099	0130	20.28	7.85	50.3	33.0	65.0	4.8
10-4	111099	0145	20.18	7.83	50.3	33.1	61.0	4.5
10-4	111099	0200	20.12	7.81	50.3	33.1	60.0	4.4
10-4	111099	0215	20.07	7.80	50.3	33.1	59.0	4.4
10-4	111099	0230	20.00	7.80	50.4	33.1	57.5	4.3
10-4	111099	0245	19.95	7.79	50.4	33.1	57.4	4.3
10-4	111099	0300	19.92	7.78	50.3	33.1	55.0	4.1
10-4	111099	0315	19.91	7.77	50.3	33.0	54.5	4.1
10-4	111099	0330	19.89	7.78	50.3	33.0	55.1	4.1
10-4	111099	0345	19.94	7.80	50.2	33.0	57.1	4.3
10-4	111099	0400	19.97	7.82	50.2	33.0	61.0	4.5
10-4	111099	0415	20.03	7.83	50.2	33.0	63.6	4.7
10-4	111099	0430	20.06	7.85	50.1	32.9	66.0	4.9
10-4	111099	0445	20.11	7.86	50.1	32.9	65.5	4.9
10-4	111099	0500	20.10	7.86	50.1	32.9	65.3	4.9
10-4	111099	0515	20.10	7.86	50.1	32.9	64.8	4.8
10-4	111099	0530	20.08	7.87	50.1	32.9	64.6	4.8
10-4	111099	0545	20.05	7.87	50.2	33.0	64.5	4.8
10-4	111099	0600	20.01	7.88	50.2	33.0	64.2	4.8
10-4	111099	0615	19.96	7.88	50.3	33.0	63.2	4.7
10-4	111099	0630	19.91	7.89	50.3	33.0	61.9	4.6
10-4	111099	0645	19.86	7.89	50.3	33.0	61.1	4.6
10-4	111099	0700	19.82	7.89	50.3	33.0	60.4	4.5
10-4	111099	0715	19.78	7.90	50.3	33.0	60.1	4.5

Hydrolab DS3 Continuous Deployment at Station 10-4
November 09-10, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
10-4	111099	0730	19.72	7.89	50.3	33.0	59.6	4.5
10-4	111099	0745	19.71	7.89	50.3	33.0	60.8	4.5
10-4	111099	0800	19.70	7.89	50.3	33.0	62.0	4.6
10-4	111099	0815	19.77	7.89	50.2	33.0	65.1	4.9
10-4	111099	0830	19.80	7.90	50.2	33.0	69.1	5.2
10-4	111099	0845	19.89	7.91	50.2	33.0	73.8	5.5
10-4	111099	0900	19.96	7.93	50.2	33.0	81.7	6.1
10-4	111099	0915	20.09	7.94	50.2	33.0	87.4	6.5
10-4	111099	0930	20.24	7.94	50.1	32.9	93.4	6.9
10-4	111099	0945	20.38	7.95	50.2	32.9	98.2	7.3
10-4	111099	1000	20.56	7.96	50.2	32.9	103.4	7.6
10-4	111099	1015	20.78	7.96	50.1	32.9	107.9	7.9
10-4	111099	1030	20.97	7.98	50.1	32.9	113.9	8.3
10-4	111099	1045	21.16	8.00	50.1	32.9	118.6	8.6
10-4	111099	1100	21.32	8.02	50.1	32.9	123.7	9.0
10-4	111099	1115	21.53	8.04	50.0	32.8	130.5	9.4
10-4	111099	1130	21.72	8.07	50.0	32.8	136.8	9.9
10-4	111099	1145	21.87	8.09	50.0	32.8	140.2	10.1
10-4	111099	1200	21.99	8.10	50.0	32.8	142.1	10.2
10-4	111099	1215	22.13	8.10	49.9	32.8	146.1	10.4
10-4	111099	1230	22.22	8.12	50.0	32.8	149.4	10.7
10-4	111099	1245	22.34	8.12	49.9	32.8	147.9	10.5
10-4	111099	1300	22.50	8.13	49.9	32.7	149.0	10.6
10-4	111099	1315	22.59	8.15	49.9	32.7	149.6	10.6
10-4	111099	1330	22.63	8.15	49.9	32.7	146.5	10.4
10-4	111099	1345	22.65	8.16	49.9	32.7	145.3	10.3
10-4	111099	1400	22.70	8.15	49.8	32.7	142.3	10.1
10-4	111099	1415	22.75	8.16	49.8	32.7	142.8	10.1
10-4	111099	1430	22.83	8.16	49.8	32.7	143.8	10.2
10-4	111099	1445	22.90	8.18	49.8	32.7	151.0	10.6
10-4	111099	1500	23.06	8.20	49.8	32.6	150.0	10.5
10-4	111099	1515	23.18	8.22	49.8	32.6	157.4	11.0
10-4	111099	1530	23.26	8.23	49.7	32.6	165.6	11.6

Hydrolab DS3 Continuous Deployment at Station 11-5
November 09-10, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
11-5	110999	1500	21.29	7.78	49.5	32.4	98.6	7.4
11-5	110999	1515	21.31	7.82	49.5	32.5	98.5	7.4
11-5	110999	1530	21.32	7.82	49.6	32.5	100.1	7.5
11-5	110999	1545	21.34	7.83	49.5	32.5	97.1	7.3
11-5	110999	1600	21.35	7.83	49.5	32.5	97.8	7.3
11-5	110999	1615	21.36	7.84	49.5	32.5	96.6	7.3
11-5	110999	1630	21.38	7.84	49.5	32.5	96.5	7.3
11-5	110999	1645	21.38	7.84	49.5	32.4	96.9	7.3
11-5	110999	1700	21.38	7.84	49.5	32.4	95.0	7.1
11-5	110999	1715	21.39	7.84	49.5	32.4	94.7	7.1
11-5	110999	1730	21.40	7.84	49.4	32.4	93.6	7.0
11-5	110999	1745	21.40	7.83	49.4	32.4	92.0	6.9
11-5	110999	1800	21.40	7.83	49.4	32.4	90.0	6.8
11-5	110999	1815	21.39	7.83	49.4	32.4	91.2	6.8
11-5	110999	1830	21.38	7.83	49.4	32.4	89.4	6.7
11-5	110999	1845	21.37	7.83	49.4	32.3	89.6	6.7
11-5	110999	1900	21.36	7.84	49.3	32.3	89.3	6.7
11-5	110999	1915	21.35	7.84	49.3	32.3	89.2	6.7
11-5	110999	1930	21.35	7.83	49.3	32.3	89.8	6.8
11-5	110999	1945	21.41	7.84	49.4	32.4	88.9	6.6
11-5	110999	2000	21.42	7.84	49.4	32.4	89.0	6.6
11-5	110999	2015	21.43	7.83	49.4	32.4	94.1	7.1
11-5	110999	2030	21.43	7.84	49.4	32.4	88.9	6.6
11-5	110999	2045	21.43	7.84	49.4	32.4	88.1	6.6
11-5	110999	2100	21.43	7.84	49.4	32.4	91.3	6.8
11-5	110999	2115	21.43	7.86	49.3	32.3	92.5	7.0
11-5	110999	2130	21.44	7.86	49.4	32.4	91.8	6.9
11-5	110999	2145	21.42	7.85	49.4	32.4	90.1	6.8
11-5	110999	2200	21.38	7.85	49.3	32.3	90.0	6.8
11-5	110999	2215	21.35	7.86	49.3	32.3	90.9	6.8
11-5	110999	2230	21.33	7.86	49.3	32.3	90.9	6.8
11-5	110999	2245	21.31	7.86	49.3	32.3	91.7	6.9
11-5	110999	2300	21.21	7.87	49.2	32.2	92.7	7.0
11-5	110999	2315	21.20	7.87	49.3	32.3	93.6	7.1

Hydrolab DS3 Continuous Deployment at Station 11-5
November 09-10, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
11-5	110999	2330	21.16	7.88	49.3	32.3	99.7	7.5
11-5	110999	2345	21.15	7.88	49.4	32.4	94.3	7.1
11-5	111099	0000	21.14	7.88	49.4	32.4	100.1	7.6
11-5	111099	0015	21.09	7.88	49.4	32.4	93.7	7.1
11-5	111099	0030	21.09	7.88	49.3	32.3	94.5	7.1
11-5	111099	0045	21.08	7.88	49.3	32.3	94.6	7.1
11-5	111099	0100	21.08	7.88	49.3	32.3	92.5	7.0
11-5	111099	0115	21.06	7.88	49.3	32.3	94.2	7.1
11-5	111099	0130	21.04	7.88	49.3	32.3	92.9	7.0
11-5	111099	0145	21.02	7.88	49.3	32.3	93.6	7.1
11-5	111099	0200	20.98	7.87	49.3	32.3	92.9	7.0
11-5	111099	0215	20.94	7.87	49.3	32.3	93.0	7.0
11-5	111099	0230	20.93	7.87	49.3	32.3	93.4	7.1
11-5	111099	0245	20.96	7.87	49.3	32.3	94.0	7.1
11-5	111099	0300	20.98	7.87	49.2	32.3	92.0	7.0
11-5	111099	0315	21.01	7.86	49.3	32.3	90.5	6.8
11-5	111099	0330	21.06	7.86	49.2	32.3	88.9	6.7
11-5	111099	0345	21.08	7.86	49.2	32.3	88.6	6.7
11-5	111099	0400	21.12	7.86	49.3	32.3	90.0	6.8
11-5	111099	0415	21.06	7.85	49.2	32.2	86.3	6.5
11-5	111099	0430	21.04	7.85	49.2	32.2	86.6	6.5
11-5	111099	0445	21.02	7.84	49.2	32.2	84.7	6.4
11-5	111099	0500	21.07	7.84	49.2	32.2	84.1	6.3
11-5	111099	0515	21.04	7.84	49.2	32.2	84.1	6.3
11-5	111099	0530	20.93	7.83	49.2	32.2	82.9	6.3
11-5	111099	0545	20.95	7.83	49.2	32.2	83.4	6.3
11-5	111099	0600	20.94	7.83	49.2	32.2	83.2	6.3
11-5	111099	0615	20.92	7.83	49.2	32.2	102.2	7.7
11-5	111099	0630	20.87	7.82	49.1	32.1	82.1	6.2
11-5	111099	0645	20.86	7.81	48.9	32.0	81.2	6.2
11-5	111099	0700	20.86	7.82	49.0	32.1	81.5	6.2
11-5	111099	0715	20.88	7.81	49.0	32.1	80.4	6.1
11-5	111099	0730	20.85	7.80	49.0	32.1	78.2	6.0
11-5	111099	0745	20.78	7.80	48.8	32.0	79.7	6.0

Hydrolab DS3 Continuous Deployment at Station 11-5
November 09-10, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
11-5	111099	0800	20.71	7.80	48.6	31.8	80.4	6.2
11-5	111099	0815	20.73	7.79	48.5	31.7	80.2	6.1
11-5	111099	0830	20.74	7.79	48.5	31.7	79.6	6.1
11-5	111099	0845	20.82	7.78	48.5	31.7	77.4	5.9
11-5	111099	0900	20.90	7.78	48.6	31.8	77.2	5.9
11-5	111099	0915	20.96	7.79	48.9	32.0	75.4	5.7
11-5	111099	0930	20.97	7.81	49.0	32.1	78.3	5.9
11-5	111099	0945	20.99	7.82	49.0	32.1	81.2	6.2
11-5	111099	1000	21.02	7.82	49.0	32.1	80.8	6.1
11-5	111099	1015	21.05	7.82	48.9	32.0	82.4	6.2
11-5	111099	1030	21.08	7.83	49.0	32.1	82.6	6.3
11-5	111099	1045	21.14	7.83	49.0	32.1	81.8	6.2
11-5	111099	1100	21.17	7.84	49.1	32.2	83.2	6.3
11-5	111099	1115	21.18	7.84	49.1	32.1	83.9	6.3
11-5	111099	1130	21.20	7.85	49.1	32.1	83.7	6.3
11-5	111099	1145	21.22	7.85	49.1	32.1	85.2	6.4
11-5	111099	1200	21.26	7.85	49.1	32.1	84.4	6.3
11-5	111099	1215	21.25	7.86	49.1	32.1	86.4	6.5
11-5	111099	1230	21.25	7.87	49.1	32.1	88.7	6.7
11-5	111099	1245	21.27	7.88	49.0	32.1	93.8	7.1
11-5	111099	1300	21.29	7.89	49.0	32.1	90.6	6.8
11-5	111099	1315	21.33	7.89	49.0	32.1	91.6	6.9
11-5	111099	1330	21.34	7.90	49.0	32.1	92.5	7.0
11-5	111099	1345	21.31	7.90	49.0	32.1	94.0	7.1
11-5	111099	1400	21.27	7.90	49.0	32.1	94.3	7.1
11-5	111099	1415	21.25	7.90	48.9	32.0	96.7	7.3
11-5	111099	1430	21.24	7.90	48.9	32.0	95.5	7.2
11-5	111099	1445	21.24	7.90	48.9	32.0	104.0	7.9
11-5	111099	1500	21.24	7.90	48.9	32.0	95.4	7.2

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
10-1	121499	0637	0.2	36.6	55.08	20.97	7.94	6.82	95.3
10-1	121499	0638	1.0	36.6	55.08	20.96	7.95	7.00	98.3
10-1	121499	0638	3.1	36.6	55.09	20.96	7.95	7.27	101.8
10-1	121499	1133	0.2	36.5	54.96	21.43	7.91	6.79	95.8
10-1	121499	1134	1.0	36.5	55.02	21.36	7.91	7.01	97.4
10-1	121499	1134	2.9	36.6	55.07	21.27	7.91	7.31	103.9
10-2	121499	0619	0.2	36.5	55.03	20.97	7.91	6.62	92.8
10-2	121499	0619	0.6	36.5	55.04	20.97	7.91	6.79	95.0
10-2	121499	0620	0.9	36.5	55.04	20.97	7.91	6.82	95.6
10-2	121499	1100	0.2	36.4	54.87	21.40	7.89	6.52	92.4
10-2	121499	1101	0.5	36.4	54.88	21.39	7.89	6.58	92.6
10-2	121499	1101	0.7	36.4	54.89	21.40	7.89	6.58	92.9
10-3	121499	0605	0.2	35.3	53.36	20.67	7.83	6.83	93.9
10-3	121499	0606	1.0	36.1	54.49	20.68	7.87	6.87	95.2
10-3	121499	0606	5.1	36.5	54.95	20.72	7.92	7.23	100.8
10-3	121499	1041	0.2	35.9	54.33	21.19	7.92	6.70	94.7
10-3	121499	1042	1.0	36.4	54.88	21.18	7.93	6.73	94.6
10-3	121499	1043	3.2	36.5	55.02	21.10	7.94	6.87	96.3
10-4	121499	0733	0.2	36.4	54.83	21.09	7.91	6.47	90.6
10-4	121499	0733	1.0	36.4	54.92	21.12	7.92	6.62	92.9
10-4	121499	0734	4.9	36.5	54.97	21.10	7.92	6.72	94.4
10-4	121499	1325	0.2	36.4	54.87	21.84	7.85	7.01	99.7
10-4	121499	1325	1.0	36.5	54.95	21.71	7.86	7.06	101.2
10-4	121499	1326	4.8	36.5	55.06	21.41	7.87	6.99	98.7
10-5	121499	0721	0.2	35.7	53.93	21.48	7.84	6.05	84.3
10-5	121499	0722	1.0	35.8	54.05	21.46	7.84	6.13	86.3
10-5	121499	0722	2.0	36.3	54.79	21.25	7.86	6.08	84.8
10-5	121499	1307	0.2	35.5	53.76	22.13	7.79	6.88	97.9
10-5	121499	1307	1.0	35.6	53.78	22.12	7.80	6.88	98.0
10-5	121499	1308	1.9	35.7	53.94	22.08	7.81	6.87	98.2

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
11-1	121499	0645	0.2	36.4	54.80	21.28	7.90	6.66	93.7
11-1	121499	0646	1.0	36.4	54.82	21.29	7.91	6.82	96.1
11-1	121499	0647	3.2	36.6	55.08	21.20	7.92	6.94	97.6
11-1	121499	1150	0.2	36.3	54.76	21.83	7.86	6.64	94.4
11-1	121499	1150	1.0	36.3	54.76	21.81	7.86	6.70	95.2
11-1	121499	1151	2.9	36.6	55.20	21.36	7.90	6.85	97.0
11-2	121499	0628	0.2	36.4	54.87	21.18	7.90	6.51	91.5
11-2	121499	0628	1.0	36.4	54.88	21.19	7.90	6.60	93.0
11-2	121499	0629	3.3	36.4	54.93	21.20	7.91	6.79	95.5
11-2	121499	1116	0.2	36.3	54.79	21.56	7.87	6.66	96.4
11-2	121499	1117	1.0	36.4	54.84	21.48	7.87	6.78	95.9
11-2	121499	1118	2.9	36.6	55.15	21.02	7.89	6.99	96.2
11-3	121499	0654	0.2	35.2	53.26	21.20	7.85	6.23	87.6
11-3	121499	0655	1.0	36.3	54.70	21.38	7.90	6.72	94.7
11-3	121499	0655	2.5	36.6	55.08	21.13	7.92	6.93	97.8
11-3	121499	1211	0.2	36.4	54.83	21.62	7.84	6.68	94.4
11-3	121499	1211	1.0	36.4	54.81	21.61	7.84	6.66	93.7
11-3	121499	1212	2.4	36.6	55.19	21.32	7.87	6.79	97.2
11-4	121499	0704	0.2	36.2	54.53	21.35	7.87	6.18	87.1
11-4	121499	0704	1.0	36.3	54.72	21.33	7.89	6.35	89.7
11-4	121499	0705	4.1	36.6	55.16	21.12	7.92	6.41	90.9
11-4	121499	1227	0.2	36.5	55.02	21.75	7.85	6.95	98.8
11-4	121499	1228	1.0	36.5	55.02	21.69	7.86	7.02	99.7
11-4	121499	1229	4.0	36.8	55.36	21.21	7.85	6.54	92.2
11-5	121499	0713	0.2	35.5	53.61	21.49	7.84	6.31	88.4
11-5	121499	0714	1.0	35.9	54.24	21.45	7.86	6.35	88.9
11-5	121499	0714	2.6	36.8	55.41	20.84	7.90	6.73	94.0
11-5	121499	1249	0.2	34.7	52.60	22.57	7.73	6.28	88.8
11-5	121499	1250	1.0	35.1	53.07	22.17	7.75	6.34	89.2
11-5	121499	1250	2.5	36.8	55.37	21.40	7.88	7.26	105.4

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
13-1	121599	0620	0.2	33.7	51.26	20.76	7.74	6.23	85.2
13-1	121599	0621	1.0	33.8	51.39	20.79	7.76	6.29	86.4
13-1	121599	0621	1.8	34.7	52.61	20.71	7.79	6.04	82.8
13-1	121599	1403	0.2	33.0	50.19	21.75	7.68	6.43	89.5
13-1	121599	1403	0.9	33.0	50.25	21.69	7.69	6.47	89.9
13-1	121599	1404	1.5	33.6	51.09	21.48	7.81	7.98	111.0
13-2	121599	0628	0.2	33.9	51.47	20.81	7.81	6.68	91.3
13-2	121599	0629	0.9	33.9	51.50	20.84	7.82	6.51	89.3
13-2	121599	0629	1.6	34.0	51.63	20.88	7.81	6.43	88.6
13-2	121599	1348	0.2	32.3	49.23	21.81	7.68	6.48	89.9
13-2	121599	1348	0.7	32.4	49.51	21.77	7.71	6.86	96.1
13-2	121599	1349	1.1	33.2	50.49	21.78	7.82	8.92	123.1
13-3	121599	0637	0.2	32.4	49.53	20.99	7.68	5.69	77.7
13-3	121599	0638	0.9	33.3	50.57	21.93	7.70	5.26	73.7
13-3	121599	0638	1.6	33.5	50.96	21.34	7.75	5.46	76.3
13-3	121599	1326	0.2	32.9	50.04	21.85	7.62	5.41	75.0
13-3	121599	1327	0.7	33.1	50.43	21.87	7.63	5.45	75.3
13-3	121599	1328	1.1	33.4	50.76	21.79	7.63	5.22	73.1
13-4	121599	0649	0.2	32.0	48.94	21.06	7.62	5.39	73.6
13-4	121599	0649	1.0	32.9	50.11	21.52	7.65	5.31	73.6
13-4	121599	0650	2.0	33.0	50.34	21.74	7.70	5.41	75.3
13-4	121599	1300	0.2	31.9	48.70	22.14	7.57	5.31	74.0
13-4	121599	1300	0.8	32.3	49.24	21.94	7.59	5.26	73.2
13-4	121599	1301	1.3	32.4	49.44	21.84	7.60	5.41	75.0
13-5	121599	0659	0.2	32.7	49.89	21.07	7.68	5.94	81.4
13-5	121599	0700	0.8	32.9	50.14	21.12	7.67	5.66	76.8
13-5	121599	0700	1.4	33.0	50.24	21.22	7.70	5.55	76.3
13-5	121599	1205	0.2	32.6	49.72	21.52	7.69	7.03	97.2
13-5	121599	1205	0.6	32.7	49.73	21.49	7.70	7.17	98.8
13-5	121599	1206	1.0	32.7	49.88	21.45	7.78	8.03	112.5

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
14-1	121599	0706	0.2	32.7	49.85	21.03	7.75	6.68	90.7
14-1	121599	0707	0.9	32.7	49.85	21.02	7.73	6.59	90.3
14-1	121599	0707	1.5	32.7	49.87	20.93	7.69	6.26	82.3
14-1	121599	1148	0.2	33.0	50.25	21.21	7.70	6.82	93.9
14-1	121599	1148	0.8	33.0	50.23	21.20	7.71	6.96	94.6
14-1	121599	1149	1.3	33.0	50.26	21.19	7.71	6.89	95.1
14-2	121599	0712	0.2	33.0	50.19	21.27	7.76	6.70	92.3
14-2	121599	0712	0.9	33.0	50.19	21.30	7.77	6.69	92.7
14-2	121599	0713	1.5	33.0	50.24	21.29	7.76	6.78	93.5
14-2	121599	1130	0.2	33.1	50.37	21.38	7.73	7.03	97.3
14-2	121599	1131	0.8	33.1	50.38	21.40	7.72	7.07	97.8
14-2	121599	1131	1.3	33.1	50.39	21.40	7.72	7.15	98.8
14-3	121599	0720	0.2	32.8	49.91	20.21	7.65	5.10	66.5
14-3	121599	0720	0.4	33.1	50.35	20.31	7.65	4.40	59.7
14-3	121599	0720	0.6	33.4	50.82	20.46	7.65	4.12	56.1
14-3	121599	1104	0.2	33.4	50.75	20.57	7.67	5.83	79.6
14-3	121599	1105	0.4	33.4	50.75	20.58	7.68	5.85	80.0
14-3	121599	1105	0.5	33.4	50.76	20.59	7.70	5.99	82.0
14-4	121599	0730	0.2	34.2	51.89	21.34	7.82	6.80	94.3
14-4	121599	0730	0.9	34.2	51.85	21.40	7.82	6.76	94.1
14-4	121599	0731	1.5	34.3	51.94	21.41	7.82	6.69	93.1
14-4	121599	1049	0.2	33.9	51.48	21.47	7.75	6.27	87.2
14-4	121599	1049	0.8	34.0	51.56	21.47	7.74	6.28	87.4
14-4	121599	1050	1.3	34.0	51.56	21.48	7.74	6.29	87.9
14-5	121599	0740	0.2	34.7	52.54	21.08	7.85	6.78	93.3
14-5	121599	0740	0.4	34.7	52.56	21.11	7.85	6.73	93.5
14-5	121599	0741	0.5	34.7	52.58	21.11	7.85	6.63	91.8
14-5	121599	1017	0.3	34.0	51.66	20.78	7.75	6.87	95.7

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
16-1	121499	0609	0.2	34.8	52.66	21.14	7.81	5.62	78.2
16-1	121499	0610	1.0	35.0	52.94	21.15	7.83	5.65	78.7
16-1	121499	0611	3.3	35.2	53.23	21.11	7.84	5.78	80.1
16-1	121499	1345	0.2	35.2	53.27	22.27	7.83	6.82	97.1
16-1	121499	1346	1.0	35.3	53.29	22.12	7.83	6.94	97.9
16-1	121499	1347	1.8	35.3	53.31	22.09	7.83	6.97	99.0
16-2	121499	0615	0.2	35.1	53.11	21.12	7.85	5.70	79.1
16-2	121499	0616	0.8	35.2	53.22	21.11	7.85	5.64	78.6
16-2	121499	0616	1.3	35.3	53.28	21.10	7.85	5.67	78.3
16-2	121499	1329	0.2	35.1	53.12	22.78	7.86	7.48	107.2
16-2	121499	1330	0.7	35.1	53.11	22.43	7.83	6.87	97.9
16-2	121499	1330	1.1	35.2	53.20	22.30	7.83	6.96	99.1
16-3	121499	0623	0.2	35.8	54.01	20.85	7.91	6.43	89.0
16-3	121499	0623	1.0	35.9	54.10	20.82	7.91	6.57	91.4
16-3	121499	0624	3.6	36.1	54.47	20.78	7.92	6.62	92.2
16-3	121499	1311	0.2	35.3	53.34	21.94	7.80	6.35	90.0
16-3	121499	1312	0.7	35.3	53.37	21.94	7.79	6.45	91.2
16-3	121499	1312	1.1	35.4	53.45	21.91	7.80	6.52	92.4
16-4	121499	0630	0.2	35.9	54.21	20.61	7.88	5.89	81.7
16-4	121499	0631	0.4	36.0	54.35	20.61	7.88	5.84	80.9
16-4	121499	0631	0.6	36.0	54.36	20.61	7.88	5.80	80.5
16-4	121499	1253	0.2	36.0	54.26	22.11	7.91	7.75	110.3
16-4	121499	1254	1.0	36.2	54.51	22.12	7.94	8.44	120.7
16-4	121499	1255	2.0	36.3	54.75	21.72	7.91	8.48	120.2
16-5	121499	0639	0.2	36.0	54.25	20.66	7.91	6.22	86.4
16-5	121499	0640	0.7	36.0	54.26	20.66	7.91	6.08	84.4
16-5	121499	0640	1.2	36.0	54.30	20.66	7.91	6.09	84.5
16-5	121499	1239	0.3	35.7	53.88	21.76	7.81	6.35	89.8

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	121499	0713	0.2	31.4	48.04	21.81	7.83	5.86	80.9
LB-1	121499	0714	0.8	31.5	48.25	21.89	7.81	5.48	75.8
LB-1	121499	0714	1.3	31.6	48.31	21.93	7.79	4.86	66.8
LB-1	121499	1152	0.2	31.9	48.73	22.89	7.86	6.37	90.4
LB-1	121499	1152	0.4	31.9	48.78	22.56	7.90	6.21	87.3
LB-1	121499	1153	0.6	32.0	48.82	22.49	7.89	6.24	87.4
LB-2	121499	0723	0.2	31.6	48.33	21.76	7.95	5.64	76.9
LB-2	121499	0724	0.5	31.7	48.43	21.78	7.96	5.64	77.9
LB-2	121499	0724	0.8	31.7	48.42	21.77	7.95	5.57	76.3
LB-2	121499	1134	0.3	32.1	49.05	22.39	7.94	6.13	85.9
LB-3	121499	0731	0.2	32.2	49.13	21.82	8.05	5.93	82.3
LB-3	121499	0731	0.7	32.2	49.18	21.81	8.05	5.85	81.0
LB-3	121499	0732	1.2	32.2	49.19	21.82	8.06	5.90	82.8
LB-3	121499	1113	0.2	32.2	49.13	22.32	7.96	6.19	86.6
LB-3	121499	1114	0.8	32.3	49.25	22.25	7.96	6.17	86.3
LB-3	121499	1114	1.3	32.3	49.26	22.19	7.96	6.06	85.2
LB-4	121499	0739	0.2	32.7	49.77	21.68	8.05	5.92	81.4
LB-4	121499	0739	1.0	32.7	49.82	21.69	8.05	5.81	80.7
LB-4	121499	0740	2.6	33.3	50.69	22.09	8.02	5.84	81.9
LB-4	121499	1051	0.2	32.8	50.01	22.09	7.98	6.35	88.8
LB-4	121499	1052	0.7	32.8	50.02	22.03	7.98	6.41	89.4
LB-4	121499	1052	1.2	32.9	50.11	21.97	7.97	6.36	88.8
LB-5	121499	0747	0.2	34.1	51.73	21.67	8.04	6.56	91.5
LB-5	121499	0747	1.0	34.2	51.83	21.70	8.04	6.32	88.3
LB-5	121499	0748	2.4	35.4	53.51	21.96	7.99	5.82	82.6
LB-5	121499	1030	0.2	33.2	50.57	21.93	7.91	5.71	79.9
LB-5	121499	1031	1.0	33.4	50.87	21.84	7.91	5.78	80.6
LB-5	121499	1032	1.9	34.9	52.80	21.88	7.88	5.74	81.0

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
ML-1	121599	0740	0.2	8.13	14.03	22.32	7.33	6.54	79.3
ML-1	121599	0740	0.7	8.37	14.42	22.57	7.33	6.46	78.8
ML-1	121599	0741	1.2	8.57	14.73	22.74	7.33	6.38	78.2
ML-1	121599	1229	0.2	6.73	11.80	23.08	7.31	6.49	79.2
ML-1	121599	1229	0.5	6.78	11.86	23.07	7.30	6.47	78.9
ML-1	121599	1229	0.8	6.86	11.99	23.05	7.30	6.44	78.6
ML-2	121599	0748	0.2	8.90	15.23	22.15	7.37	6.36	76.6
ML-2	121599	0748	0.5	9.67	16.54	22.69	7.32	5.91	72.7
ML-2	121599	0749	0.7	9.72	16.55	23.03	7.25	5.42	67.2
ML-2	121599	1154	0.2	8.04	13.85	22.70	7.38	6.82	83.2
ML-2	121599	1155	0.4	8.37	14.45	22.58	7.37	6.81	83.1
ML-2	121599	1155	0.6	8.53	14.68	22.56	7.38	6.80	83.0
ML-3	121599	0756	0.2	10.7	18.02	22.84	7.40	6.07	75.3
ML-3	121599	0756	0.9	10.9	18.49	22.93	7.40	6.05	74.9
ML-3	121599	0757	1.6	11.4	19.09	23.03	7.39	5.96	74.7
ML-3	121599	1137	0.2	9.39	16.04	22.97	7.38	6.42	79.4
ML-3	121599	1137	1.0	9.47	16.19	22.97	7.37	6.43	79.5
ML-3	121599	1138	2.2	10.3	17.44	23.06	7.36	6.41	78.9
ML-4	121599	0803	0.2	11.4	19.20	22.55	7.35	5.95	73.7
ML-4	121599	0803	0.5	11.8	19.83	22.97	7.37	5.91	73.4
ML-4	121599	0804	0.7	11.9	19.96	23.02	7.37	5.91	74.3
ML-4	121599	1120	0.2	9.80	16.67	22.89	7.40	6.27	77.6
ML-4	121599	1120	0.4	9.91	16.91	22.92	7.38	6.21	76.8
ML-4	121599	1120	0.6	9.93	16.85	22.92	7.38	6.18	76.6
ML-5	121599	0818	0.3	13.4	22.17	21.72	7.38	5.92	73.3
ML-5	121599	1023	0.2	11.3	19.06	22.70	7.41	6.16	76.4
ML-5	121599	1023	0.4	11.3	19.07	22.69	7.41	6.11	76.1
ML-5	121599	1024	0.6	11.4	19.09	22.70	7.41	6.12	76.3

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
MU-1	121599	0627	0.2	0.19	0.40	21.38	6.97	5.49	62.2
MU-1	121599	0627	0.7	0.19	0.40	21.38	6.97	5.44	61.4
MU-1	121599	0627	1.1	0.19	0.40	21.36	6.98	5.35	60.5
MU-1	121599	1441	0.2	0.18	0.38	21.75	6.92	5.13	58.4
MU-1	121599	1441	0.7	0.18	0.37	21.74	6.93	5.08	57.8
MU-1	121599	1442	1.2	0.18	0.37	21.73	6.93	5.04	57.5
MU-2	121599	0643	0.2	0.21	0.43	21.52	7.10	6.01	64.5
MU-2	121599	0644	1.0	0.21	0.43	21.55	7.09	5.45	61.9
MU-2	121599	0645	3.5	0.21	0.43	21.54	7.09	5.34	60.6
MU-2	121599	1406	0.2	0.20	0.42	21.88	7.04	5.25	60.0
MU-2	121599	1406	1.0	0.20	0.42	21.84	7.04	5.21	59.5
MU-2	121599	1406	2.6	0.20	0.42	21.82	7.04	5.20	59.3
MU-3	121599	0708	0.2	0.89	1.76	22.05	7.26	6.22	71.7
MU-3	121599	0708	0.9	0.92	1.82	22.10	7.25	6.20	71.5
MU-3	121599	0709	1.5	1.00	1.97	22.21	7.24	6.21	71.8
MU-3	121599	1327	0.2	0.32	0.66	22.35	7.20	6.13	70.6
MU-3	121599	1328	1.0	0.32	0.65	22.31	7.20	6.07	70.0
MU-3	121599	1328	1.7	0.32	0.65	22.27	7.20	6.05	69.8
MU-4	121599	0715	0.2	1.89	3.63	21.94	7.24	6.73	77.4
MU-4	121599	0716	0.5	2.79	5.16	22.67	7.22	6.30	74.3
MU-4	121599	0716	0.8	2.88	5.33	22.71	7.21	6.21	73.3
MU-4	121599	1311	0.2	0.80	1.58	22.66	7.27	6.41	74.7
MU-4	121599	1312	0.4	0.81	1.60	22.67	7.28	6.43	75.0
MU-4	121599	1312	0.6	1.11	2.17	22.75	7.24	6.42	74.7
MU-5	121599	0727	0.2	4.87	8.72	21.93	7.27	6.81	80.3
MU-5	121599	0728	0.7	6.65	11.65	23.02	7.25	6.35	77.4
MU-5	121599	0728	1.1	6.67	11.67	23.05	7.25	6.14	74.8
MU-5	121599	1249	0.2	4.65	8.36	22.95	7.31	6.78	81.4
MU-5	121599	1250	0.4	4.61	8.30	22.96	7.31	6.79	81.5
MU-5	121599	1250	0.6	4.89	8.77	22.97	7.32	6.84	82.3

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	121499	0637	27.34944	-82.58139	27.34905	-82.58147	3.3			
10-1	121499	1133	27.34944	-82.58139	27.34960	-82.58140	3.1	2.0	992410	0.55
10-2	121499	0619	27.34167	-82.56889	27.34095	-82.56870	1.1			
10-2	121499	1100	27.34167	-82.56889	27.34085	-82.56843	0.9	>B	992400	0.57
10-3	121499	0605	27.33472	-82.57833	27.33480	-82.57870	5.3			
10-3	121499	1041	27.33472	-82.57833	27.33463	-82.57965	3.4	2.3	992406	0.15
10-4	121499	0733	27.32806	-82.56194	27.32802	-82.56227	5.1			
10-4	121499	1325	27.32806	-82.56194	27.32817	-82.56183	5.0	2.5	992407	0.54
10-5	121499	0721	27.30500	-82.54972	27.30525	-82.54893	2.2			
10-5	121499	1307	27.30500	-82.54972	27.30518	-82.54940	2.1	>B	992401	0.84
11-1	121499	0645	27.36389	-82.56917	27.36437	-82.56943	3.4			
11-1	121499	1150	27.36389	-82.56917	27.36377	-82.56888	3.1	2.0	992403	0.20
11-2	121499	0628	27.34639	-82.56722	27.34623	-82.56752	3.5			
11-2	121499	1116	27.34639	-82.56722	27.34632	-82.56745	3.1	2.5	992404	0.22
11-3	121499	0654	27.34056	-82.55667	27.34070	-82.55702	2.7			
11-3	121499	1211	27.34056	-82.55667	27.34047	-82.55728	2.6	>B	992409	0.45
11-4	121499	0704	27.32722	-82.54861	27.32700	-82.54883	4.3			
11-4	121499	1227	27.32722	-82.54861	27.32750	-82.54842	4.2	2.0	992405	0.71
11-5	121499	0713	27.31000	-82.54556	27.30980	-82.54572	2.8			
11-5	121499	1249	27.31000	-82.54556	27.31050	-82.54505	2.7	>B	992402	0.58
13-1	121599	0620	27.19083	-82.54361	27.29335	-82.54672	2.0			
13-1	121599	1403	27.19083	-82.54361	27.29330	-82.54692	1.7	>B	992380	0.59
13-2	121599	0628	27.28389	-82.54750	27.28392	-82.54742	1.8			
13-2	121599	1348	27.28389	-82.54750	27.28355	-82.54740	1.3	>B	992378	0.66
13-3	121599	0637	27.27000	-82.54472	27.27038	-82.54513	1.8			
13-3	121599	1326	27.27000	-82.54472	27.26985	-82.54450	1.3	>B	992384	1.13
13-4	121599	0649	27.25611	-82.53694	27.25557	-82.53612	2.2			
13-4	121599	1300	27.25611	-82.53694	27.25543	-82.53605	1.5	>B	992381	1.05
13-5	121599	0659	27.25028	-82.52917	27.25050	-82.52922	1.6			
13-5	121599	1205	27.25028	-82.52917	27.25048	-82.52900	1.2	>B	992383	0.53
14-1	121599	0706	27.23556	-82.52139	27.23572	-82.52172	1.7			
14-1	121599	1148	27.23556	-82.52139	27.23550	-82.52147	1.5	>B	992382	0.80
14-2	121599	0712	27.23028	-82.50972	27.23043	-82.50938	1.7			
14-2	121599	1130	27.23028	-82.50972	27.23025	-82.51002	1.5	>B	992387	0.39
14-3	121599	0720	27.20667	-82.50444	27.20580	-82.50475	0.8			
14-3	121599	1104	27.20667	-82.50444	27.20593	-82.50432	0.7	>B	992388	1.02
14-4	121599	0730	27.19778	-82.49722	27.19780	-82.49710	1.7			
14-4	121599	1049	27.19778	-82.49722	27.19778	-82.49773	1.5	>B	992386	0.72
14-5	121599	0740	27.18306	-82.49667	27.18302	-82.49658	0.7			
14-5	121599	1017	27.18306	-82.49667	27.18255	-82.49630	0.6	>B	992385	1.47

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth Overall	Secchi Depth	Water Quality	Attenuation Coefficient
			Latitude	Longitude	Latitude	Longitude				
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
16-1	121499	0609	27.16972	-82.48861	27.16935	-82.48800	3.5			
16-1	121499	1345	27.16972	-82.48861	27.16982	-82.48808	2.0	>B	992417	0.78
16-2	121499	0615	27.16472	-82.48639	27.16448	-82.48592	1.5			
16-2	121499	1329	27.16472	-82.48639	27.16480	-82.48587	1.3	>B	992413	0.87
16-3	121499	0623	27.15250	-82.47861	27.15200	-82.47800	3.8			
16-3	121499	1311	27.15250	-82.47861	27.15228	-82.47838	1.3	>B	992414	0.92
16-4	121499	0630	27.14028	-82.47333	27.14112	-82.47175	0.8			
16-4	121499	1253	27.14028	-82.47333	27.14050	-82.47175	2.2	2.1	992419	0.16
16-5	121499	0639	27.13278	-82.46944	27.13250	-82.46928	1.4			
16-5	121499	1239	27.13278	-82.46944	27.13282	-82.46953	0.6	>B	992415	0.64
LB-1	121499	0713	27.03917	-82.42972	27.03978	-82.47912	1.5			
LB-1	121499	1152	27.03917	-82.42972	27.03920	-82.42898	0.8	>B	992412	1.40
LB-2	121499	0723	27.01750	-82.41528	27.01757	-82.41503	1.0			
LB-2	121499	1134	27.01750	-82.41528	27.01747	-82.41493	0.5	>B	992418	1.73
LB-3	121499	0731	26.99611	-82.40333	26.99640	-82.40292	1.4			
LB-3	121499	1113	26.99611	-82.40333	26.99625	-82.40263	1.5	>B	992411	0.97
LB-4	121499	0739	26.98167	-82.38889	26.98132	-82.38887	2.8			
LB-4	121499	1051	26.98167	-82.38889	26.98138	-82.38903	1.4	>B	992416	0.70
LB-5	121499	0747	26.95000	-82.36472	26.94995	-82.36473	2.6			
LB-5	121499	1030	26.95000	-82.36472	26.94982	-82.36467	2.1	=B	992421	0.53
ML-1	121599	0740	27.03917	-82.28500	27.04007	-82.28450	1.4			
ML-1	121599	1229	27.03917	-82.28500	27.03993	-82.28403	1.0	>B	992398	1.99
ML-2	121599	0748	27.03222	-82.27917	27.03222	-82.27902	0.9			
ML-2	121599	1154	27.03222	-82.27917	27.03248	-82.27852	0.8	>B	992392	2.51
ML-3	121599	0756	27.03000	-82.27111	27.03002	-82.27127	1.8			
ML-3	121599	1137	27.03000	-82.27111	27.02952	-82.27122	2.4	1.0	992389	1.39
ML-4	121599	0803	27.02444	-82.27194	27.02447	-82.27245	0.9			
ML-4	121599	1120	27.02444	-82.27194	27.02490	-82.27228	0.8	>B	992390	1.55
ML-5	121599	0818	27.00917	-82.26944	27.00917	-82.26913	0.6			
ML-5	121599	1023	27.00917	-82.26944	27.01070	-82.26893	0.8	>B	992397	1.96
MU-1	121599	0627	27.09889	-82.33306	27.09890	-82.33302	1.3			
MU-1	121599	1441	27.09889	-82.33306	27.09922	-82.33295	1.4	>B	992393	1.83
MU-2	121599	0643	27.08667	-82.32806	27.08745	-82.32808	3.7			
MU-2	121599	1406	27.08667	-82.32806	27.08647	-82.32678	2.8	1.0	992399	1.91
MU-3	121599	0708	27.06639	-82.31333	27.06675	-82.31368	1.7			
MU-3	121599	1327	27.06639	-82.31333	27.06603	-82.31408	1.9	1.0	992396	2.32
MU-4	121599	0715	27.05917	-82.30722	27.05962	-82.30622	1.0			
MU-4	121599	1311	27.05917	-82.30722	27.05977	-82.30638	0.8	>B	992391	2.59
MU-5	121599	0727	27.04722	-82.29528	27.04763	-82.29440	1.3			
MU-5	121599	1249	27.04722	-82.29528	27.04763	-82.29470	0.8	>B	992394	2.44

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH ₄ -N Diss (mg/l)	NO ₂₃ -N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO ₄ -P Diss (mg/l)	Total P (mg/l)	BOD ₅ (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	1.0M	1133	992410	12/14/1999	0.015	U0.005	U0.005	0.53	0.53	0.007	0.18	0.8	20	2.5	9	8.13	3.3	0.8	36.5
10-2	MID	1100	992400	12/14/1999	0.023	U0.005	U0.005	Q0.21	0.21	0.010	0.14	0.7	17	2.8	9	8.15	1.7	1.3	36.4
10-3	1.0M	1041	992406	12/14/1999	0.026	U0.005	U0.005	0.28	0.28	0.006	0.18	0.6	8	2.9	11	8.17	1.0	2.5	35.9
10-4	1.0M	1325	992407	12/14/1999	0.010	U0.005	U0.005	0.25	0.25	0.012	0.17	0.6	13	2.2	8	8.07	1.8	1.8	36.4
10-4 REP	1.0M	1335	992408	12/14/1999	0.011	U0.005	U0.005	0.30	0.30	0.011	0.17	0.8	14	2.1	8	8.03	1.5	2.0	NA
10-5	1.0M	1301	992401	12/14/1999	0.017	0.005	U0.005	0.54	0.54	0.025	0.13	0.7	9	1.9	11	7.98	1.5	0.8	35.5
11-1	1.0M	1149	992403	12/14/1999	0.008	U0.005	U0.005	0.28	0.28	0.009	0.16	0.9	20	2.8	11	8.10	2.6	2.2	36.3
11-2	1.0M	1116	992404	12/14/1999	0.019	U0.005	U0.005	0.25	0.25	0.010	0.16	0.6	15	2.9	9	8.10	2.0	0.9	36.3
11-3	1.0M	1210	992409	12/14/1999	0.009	U0.005	U0.005	0.24	0.24	0.011	0.16	0.5	13	2.1	10	8.05	4.2	0.8	36.4
11-4	1.0M	1226	992405	12/14/1999	0.008	U0.005	U0.005	0.19	0.19	0.010	0.17	0.6	16	2.8	10	8.10	2.6	1.8	36.5
11-5	1.0M	1248	992402	12/14/1999	0.034	0.009	0.006	0.32	0.33	0.038	0.18	0.7	7	1.6	10	8.00	1.5	U0.5	34.7
13-1	MID	1403	992380	12/15/1999	0.052	0.017	0.014	0.27	0.28	0.056	0.20	1.0	20	1.9	13	7.96	2.1	0.8	33.0
13-2	MID	1348	992378	12/15/1999	0.052	0.019	0.013	Q0.36	0.37	0.058	0.21	0.8	4	1.9	14	7.97	2.4	0.5	32.3
13-3	MID	1326	992384	12/15/1999	0.060	0.023	0.020	0.22	0.24	0.056	0.21	1.6	12	4.6	14	7.88	10.6	1.5	32.9
13-4	MID	1300	992381	12/15/1999	0.097	0.043	0.034	0.24	0.27	0.065	0.21	1.2	18	3.6	14	7.85	6.5	1.6	31.9
13-5	MID	1205	992383	12/15/1999	0.056	0.021	0.013	0.32	0.33	0.062	0.17	0.7	15	2.3	13	7.97	2.0	0.8	32.6
14-1	MID	1148	992382	12/15/1999	0.036	0.014	0.006	Q0.41	0.42	0.059	0.19	1.1	9	2.9	14	7.98	3.4	0.9	33.0
14-2	MID	1130	992387	12/15/1999	0.031	0.007	U0.005	0.39	0.39	0.050	0.24	1.1	11	2.8	20	7.89	3.9	1.6	33.1
14-3	MID	1104	992388	12/15/1999	0.050	0.005	U0.005	0.44	0.44	0.041	0.20	2.2	11	2.4	23	7.93	7.4	2.6	33.4
14-4	MID	1049	992386	12/15/1999	0.061	0.006	U0.005	0.22	0.22	0.041	0.21	1.3	13	3.2	13	8.00	3.8	1.5	33.9
14-5	MID	1017	992385	12/15/1999	0.026	0.007	U0.005	0.30	0.30	0.035	0.18	1.1	9	1.9	13	8.02	3.0	1.4	34.0
14-5 REP	MID	1024	992379	12/15/1999	0.023	U0.005	U0.005	0.44	0.44	0.035	0.21	1.0	17	1.8	13	7.99	3.5	1.2	NA

Q = Samples held beyond the accepted holding time

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH ₄ -N Diss (mg/l)	NO ₂₃ -N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO ₄ -P Diss (mg/l)	Total P (mg/l)	BOD ₅ (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	1.0M	1345	992417	12/14/1999	0.041	0.008	U0.005	0.34	0.34	0.029	0.20	0.6	22	2.3	13	8.07	1.9	0.6	35.2
16-2	MID	1329	992413	12/14/1999	0.042	0.010	U0.005	0.48	0.48	0.030	0.20	0.8	8	1.9	11	8.00	1.4	0.9	35.1
16-3	MID	1311	992414	12/14/1999	0.047	0.009	U0.005	0.35	0.35	0.028	0.19	0.6	16	2.7	10	8.02	1.8	U0.5	35.3
16-4	1.0M	1253	992419	12/14/1999	0.022	0.005	U0.005	0.27	0.27	0.015	0.19	0.6	7	2.2	10	8.12	1.2	U0.5	36.0
16-5	MID	1238	992415	12/14/1999	0.039	0.012	U0.005	0.36	0.36	0.021	0.23	0.5	9	2.5	9	8.03	1.6	0.6	35.7
LB-1	MID	1152	992412	12/14/1999	0.075	0.012	U0.005	0.75	0.75	0.073	0.28	1.3	18	2.1	22	8.07	3.3	2.5	31.9
LB-2	MID	1134	992418	12/14/1999	0.056	0.006	U0.005	0.81	0.81	0.067	0.32	2.1	23	4.4	22	8.14	6.3	6.5	32.1
LB-3	MID	1113	992411	12/14/1999	0.028	0.007	U0.005	0.81	0.81	0.065	0.27	1.9	8	3.3	20	8.15	3.5	7.1	32.2
LB-4	MID	1051	992416	12/14/1999	0.017	0.009	U0.005	0.47	0.47	0.053	0.22	1.2	24	1.7	13	8.18	3.1	1.5	32.8
LB-5	1.0M	1025	992421	12/14/1999	0.020	0.010	0.008	0.54	0.55	0.031	0.21	0.8	9	1.9	12	8.13	2.3	1.1	33.2
LB-5 REP	1.0M	1032	992420	12/14/1999	0.021	0.016	U0.005	0.47	0.47	0.032	0.19	1.0	8	2.3	15	8.11	2.2	5.6	NA
ML-1	MID	1227	992398	12/15/1999	0.043	0.054	0.053	0.60	0.65	0.144	0.18	1.1	4	2.3	110	7.59	5.8	5.4	6.73
ML-2	MID	1154	992392	12/15/1999	0.026	0.033	0.029	0.68	0.71	0.134	0.28	1.2	8	2.8	110	7.63	8.1	2.0	8.04
ML-3	1.0M	1136	992389	12/15/1999	0.029	0.027	0.024	0.62	0.64	0.122	0.20	1.1	4	2.7	100	7.58	7.4	3.2	9.39
ML-4	MID	1119	992390	12/15/1999	0.033	0.021	0.017	0.87	0.89	0.118	0.19	0.9	5	3.0	95	7.66	7.7	2.1	9.80
ML-5	MID	1023	992397	12/15/1999	0.041	0.020	0.016	0.63	0.65	0.114	0.17	1.1	8	2.5	90	7.60	5.1	3.5	11.3
MU-1	MID	1440	992393	12/15/1999	0.055	0.145	0.145	0.80	0.95	0.217	0.21	0.7	3	1.4	150	7.30	1.3	1.1	0.18
MU-1 REP	MID	1445	992395	12/15/1999	0.054	0.144	0.145	0.76	0.91	0.218	0.20	0.6	U2	1.5	140	7.18	1.4	1.2	NA
MU-2	1.0M	1405	992399	12/15/1999	0.046	0.163	0.168	0.76	0.93	0.201	0.20	0.5	U2	1.3	140	7.36	1.5	1.7	0.20
MU-3	MID	1325	992396	12/15/1999	0.045	0.175	0.176	0.76	0.94	0.196	0.19	0.6	U2	1.4	140	7.36	1.5	1.8	0.32
MU-4	MID	1309	992391	12/15/1999	0.054	0.166	0.164	1.12	1.28	0.198	0.22	0.7	3	1.7	140	7.24	2.2	1.9	0.80
MU-5	MID	1248	992394	12/15/1999	0.029	0.077	0.074	0.67	0.74	0.164	0.24	0.8	3	1.9	120	7.58	4.9	4.8	4.65
EQP BLK		1615	992423	12/15/1999	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.53	U0.5	U0.5	NA
EQP BLK		1630	992422	12/15/1999	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.61	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rainfall		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)		Wind Velocity (mph)	Wave Height (ft)
			Begin (EST)	End (EST)	No	Yes	Min (%)	Max					
121499	AM	10	0605	0733	0		75	- 90	21.3	20	- 30	5	<0.5
121499	PM	10	1041	1325	0		5	- 75	22.6	0	- 20	5	<0.5
121499	AM	11	0628	0713	0		85	- 100		25	- 30	5	<0.5
121499	PM	11	1116	1249	0		25	- 60		10	- 20	5	<0.5
121499	AM	16	0609	0639	0		100		21.4	Calm		<5	<0.5
121499	PM	16	1239	1345	0		20	- 30		300		5 - 10	<0.5 - 0.5
121499	AM	LB	0713	0747	0		90	- 100		Calm		<5	<0.5
121499	PM	LB	1030	1152	0		20	- 30	23.9	60	- 300	5 - 10	<0.5 - 0.5
121599	AM	13	0620	0659	0		100		19.7	60		5 - 10	<0.5 - 0.5
121599	PM	13	1205	1403	0		20	- 70		0	- 60	5 - 10	<0.5 - 0.5
121599	AM	14	0706	0740	0		100			60		10	<0.5
121599	PM	14	1017	1148	0		20	- 80	19.3	60		10	<0.5
121599	AM	ML	0740	0818	0		100			45		5	<0.5
121599	PM	ML	1023	1229	0		65	- 90	19.8	45		5	<0.5
121599	AM	MU	0627	0727	0		90	- 100	19.7	Calm		<5	<0.5
121599	PM	MU	1249	1441	0		50	- 100		40	- 45	<5 - 5	<0.5 - 0.5

Hydrolab Minisonde Continuous Deployment at Station MU-2
December 15-17, 1999
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Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
MU-2	121599	1530	21.89	7.45	0.412	0.21	59.4	5.2
MU-2	121599	1545	21.85	7.35	0.408	0.20	58.2	5.1
MU-2	121599	1600	21.84	7.32	0.406	0.20	57.8	5.1
MU-2	121599	1615	21.83	7.31	0.405	0.20	57.5	5.0
MU-2	121599	1630	21.83	7.29	0.402	0.20	57.5	5.0
MU-2	121599	1645	21.83	7.29	0.401	0.20	57.3	5.0
MU-2	121599	1700	21.84	7.28	0.399	0.20	57.2	5.0
MU-2	121599	1715	21.84	7.27	0.397	0.20	57.4	5.0
MU-2	121599	1730	21.83	7.26	0.396	0.20	57.1	5.0
MU-2	121599	1745	21.83	7.26	0.396	0.20	57.0	5.0
MU-2	121599	1800	21.82	7.25	0.393	0.20	56.8	5.0
MU-2	121599	1815	21.81	7.25	0.392	0.19	56.7	5.0
MU-2	121599	1830	21.8	7.24	0.391	0.19	56.7	5.0
MU-2	121599	1845	21.79	7.24	0.388	0.19	56.6	5.0
MU-2	121599	1900	21.78	7.23	0.387	0.19	56.4	5.0
MU-2	121599	1915	21.77	7.23	0.387	0.19	56.3	4.9
MU-2	121599	1930	21.77	7.23	0.385	0.19	56.0	4.9
MU-2	121599	1945	21.74	7.23	0.385	0.19	56.0	4.9
MU-2	121599	2000	21.74	7.23	0.386	0.19	55.9	4.9
MU-2	121599	2015	21.74	7.23	0.386	0.19	56.0	4.9
MU-2	121599	2030	21.74	7.23	0.388	0.19	56.0	4.9
MU-2	121599	2045	21.73	7.23	0.39	0.19	55.9	4.9
MU-2	121599	2100	21.71	7.24	0.393	0.20	56.1	4.9
MU-2	121599	2115	21.7	7.25	0.394	0.20	56.0	4.9
MU-2	121599	2130	21.7	7.25	0.395	0.20	56.1	4.9
MU-2	121599	2145	21.7	7.25	0.397	0.20	56.0	4.9
MU-2	121599	2200	21.69	7.26	0.398	0.20	53.4	4.7
MU-2	121599	2215	21.68	7.26	0.4	0.20	56.1	4.9
MU-2	121599	2230	21.68	7.27	0.402	0.20	56.2	4.9
MU-2	121599	2245	21.67	7.27	0.403	0.20	56.2	4.9
MU-2	121599	2300	21.68	7.28	0.405	0.20	56.4	5.0
MU-2	121599	2315	21.68	7.28	0.407	0.20	56.5	5.0
MU-2	121599	2330	21.68	7.28	0.409	0.20	56.5	5.0
MU-2	121599	2345	21.7	7.29	0.411	0.21	56.6	5.0

Hydrolab Minisonde Continuous Deployment at Station MU-2
December 15-17, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
MU-2	121699	0000	21.7	7.29	0.413	0.21	56.9	5.0
MU-2	121699	0015	21.7	7.3	0.414	0.21	57.1	5.0
MU-2	121699	0030	21.7	7.3	0.415	0.21	57.0	5.0
MU-2	121699	0045	21.73	7.31	0.418	0.21	57.5	5.1
MU-2	121699	0100	21.72	7.31	0.419	0.21	57.4	5.0
MU-2	121699	0115	21.73	7.31	0.42	0.21	57.6	5.1
MU-2	121699	0130	21.71	7.31	0.42	0.21	57.5	5.1
MU-2	121699	0145	21.7	7.31	0.42	0.21	57.6	5.1
MU-2	121699	0200	21.7	7.31	0.419	0.21	57.5	5.1
MU-2	121699	0215	21.69	7.31	0.418	0.21	57.2	5.0
MU-2	121699	0230	21.66	7.3	0.417	0.21	57.0	5.0
MU-2	121699	0245	21.63	7.3	0.415	0.21	56.8	5.0
MU-2	121699	0300	21.6	7.29	0.413	0.21	56.5	5.0
MU-2	121699	0315	21.58	7.29	0.411	0.20	56.4	5.0
MU-2	121699	0330	21.56	7.28	0.408	0.20	56.0	4.9
MU-2	121699	0345	21.54	7.28	0.406	0.20	55.9	4.9
MU-2	121699	0400	21.53	7.27	0.404	0.20	55.7	4.9
MU-2	121699	0415	21.51	7.27	0.403	0.20	55.6	4.9
MU-2	121699	0430	21.49	7.26	0.4	0.20	55.6	4.9
MU-2	121699	0445	21.48	7.26	0.4	0.20	55.4	4.9
MU-2	121699	0500	21.46	7.26	0.398	0.20	55.3	4.9
MU-2	121699	0515	21.44	7.25	0.396	0.20	55.3	4.9
MU-2	121699	0530	21.43	7.25	0.394	0.20	55.2	4.9
MU-2	121699	0545	21.41	7.25	0.392	0.19	55.0	4.9
MU-2	121699	0600	21.39	7.24	0.391	0.19	54.9	4.9
MU-2	121699	0615	21.38	7.24	0.389	0.19	54.8	4.9
MU-2	121699	0630	21.36	7.24	0.388	0.19	54.9	4.9
MU-2	121699	0645	21.34	7.24	0.387	0.19	54.9	4.9
MU-2	121699	0700	21.32	7.23	0.385	0.19	54.8	4.9
MU-2	121699	0715	21.3	7.23	0.384	0.19	54.8	4.9
MU-2	121699	0730	21.29	7.23	0.384	0.19	54.6	4.8
MU-2	121699	0745	21.27	7.23	0.386	0.19	54.5	4.8
MU-2	121699	0800	21.26	7.23	0.383	0.19	54.5	4.8
MU-2	121699	0815	21.24	7.23	0.383	0.19	54.3	4.8

Hydrolab Minisonde Continuous Deployment at Station MU-2
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Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
MU-2	121699	0830	21.24	7.23	0.383	0.19	54.3	4.8
MU-2	121699	0845	21.23	7.23	0.383	0.19	54.2	4.8
MU-2	121699	0900	21.24	7.23	0.384	0.19	54.4	4.8
MU-2	121699	0915	21.22	7.23	0.384	0.19	54.4	4.8
MU-2	121699	0930	21.21	7.23	0.385	0.19	54.6	4.8
MU-2	121699	0945	21.19	7.24	0.387	0.19	54.7	4.9
MU-2	121699	1000	21.2	7.24	0.389	0.19	54.8	4.9
MU-2	121699	1015	21.24	7.25	0.39	0.19	55.1	4.9
MU-2	121699	1030	21.27	7.25	0.391	0.19	55.1	4.9
MU-2	121699	1045	21.31	7.25	0.393	0.20	55.5	4.9
MU-2	121699	1100	21.34	7.26	0.395	0.20	55.7	4.9
MU-2	121699	1115	21.45	7.26	0.398	0.20	56.1	5.0
MU-2	121699	1130	21.55	7.27	0.4	0.20	56.6	5.0
MU-2	121699	1145	21.57	7.27	0.401	0.20	57.0	5.0
MU-2	121699	1200	21.61	7.28	0.402	0.20	57.2	5.0
MU-2	121699	1215	21.71	7.28	0.403	0.20	57.8	5.1
MU-2	121699	1230	21.61	7.28	0.403	0.20	56.5	5.0
MU-2	121699	1245	21.54	7.27	0.402	0.20	55.9	4.9
MU-2	121699	1300	21.57	7.27	0.4	0.20	56.3	5.0
MU-2	121699	1315	21.83	7.28	0.399	0.20	57.9	5.1
MU-2	121699	1330	21.86	7.28	0.398	0.20	58.6	5.1
MU-2	121699	1345	21.87	7.27	0.396	0.20	58.7	5.1
MU-2	121699	1400	21.85	7.27	0.394	0.20	58.5	5.1
MU-2	121699	1415	21.79	7.26	0.392	0.19	57.6	5.1
MU-2	121699	1430	21.79	7.26	0.391	0.19	57.6	5.1
MU-2	121699	1445	21.81	7.26	0.388	0.19	57.9	5.1
MU-2	121699	1500	21.8	7.25	0.387	0.19	57.9	5.1
MU-2	121699	1515	21.77	7.25	0.386	0.19	57.7	5.1
MU-2	121699	1530	21.73	7.25	0.385	0.19	57.5	5.1
MU-2	121699	1545	21.73	7.25	0.386	0.19	57.6	5.1
MU-2	121699	1600	21.75	7.25	0.387	0.19	57.4	5.0
MU-2	121699	1615	21.75	7.25	0.387	0.19	57.5	5.0
MU-2	121699	1630	21.75	7.25	0.387	0.19	57.6	5.1
MU-2	121699	1645	21.75	7.25	0.387	0.19	57.7	5.1

Hydrolab Minisonde Continuous Deployment at Station MU-2
December 15-17, 1999
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Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
MU-2	121699	1700	21.75	7.25	0.387	0.19	57.6	5.1
MU-2	121699	1715	21.75	7.25	0.388	0.19	57.6	5.1
MU-2	121699	1730	21.73	7.25	0.388	0.19	57.6	5.1
MU-2	121699	1745	21.72	7.25	0.389	0.19	57.5	5.1
MU-2	121699	1800	21.7	7.25	0.389	0.19	57.4	5.0
MU-2	121699	1815	21.67	7.25	0.389	0.19	57.2	5.0
MU-2	121699	1830	21.65	7.24	0.389	0.19	57.0	5.0
MU-2	121699	1845	21.63	7.24	0.388	0.19	56.8	5.0
MU-2	121699	1900	21.61	7.24	0.387	0.19	56.5	5.0
MU-2	121699	1915	21.61	7.23	0.387	0.19	56.4	5.0
MU-2	121699	1930	21.58	7.23	0.387	0.19	56.2	5.0
MU-2	121699	1945	21.56	7.23	0.387	0.19	56.0	4.9
MU-2	121699	2000	21.54	7.23	0.386	0.19	56.2	5.0
MU-2	121699	2015	21.52	7.23	0.386	0.19	56.1	4.9
MU-2	121699	2030	21.47	7.23	0.386	0.19	56.1	5.0
MU-2	121699	2045	21.45	7.24	0.387	0.19	56.2	5.0
MU-2	121699	2100	21.41	7.24	0.388	0.19	56.5	5.0
MU-2	121699	2115	21.36	7.25	0.388	0.19	57.0	5.0
MU-2	121699	2130	21.33	7.26	0.389	0.19	57.4	5.1
MU-2	121699	2145	21.34	7.26	0.389	0.19	57.6	5.1
MU-2	121699	2200	21.35	7.27	0.389	0.19	57.6	5.1
MU-2	121699	2215	21.31	7.27	0.388	0.19	57.9	5.1
MU-2	121699	2230	21.26	7.27	0.388	0.19	58.0	5.1
MU-2	121699	2245	21.25	7.27	0.388	0.19	57.9	5.1
MU-2	121699	2300	21.24	7.27	0.388	0.19	57.8	5.1
MU-2	121699	2315	21.22	7.27	0.388	0.19	57.8	5.1
MU-2	121699	2330	21.23	7.27	0.388	0.19	57.9	5.1
MU-2	121699	2345	21.21	7.27	0.388	0.19	57.9	5.1
MU-2	121799	0000	21.18	7.28	0.388	0.19	58.1	5.2
MU-2	121799	0015	21.15	7.28	0.389	0.19	58.4	5.2
MU-2	121799	0030	21.12	7.29	0.39	0.19	58.6	5.2
MU-2	121799	0045	21.1	7.29	0.392	0.20	58.8	5.2
MU-2	121799	0100	21.05	7.3	0.394	0.20	58.9	5.2
MU-2	121799	0115	21.05	7.3	0.395	0.20	58.9	5.2

**Hydrolab Minisonde Continuous Deployment at Station MU-2
December 15-17, 1999
Mote Marine Laboratory**

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
MU-2	121799	0130	21.04	7.3	0.397	0.20	59.0	5.3
MU-2	121799	0145	21.01	7.3	0.397	0.20	59.1	5.3
MU-2	121799	0200	20.96	7.31	0.397	0.20	59.1	5.3
MU-2	121799	0215	20.95	7.3	0.397	0.20	59.0	5.3
MU-2	121799	0230	20.96	7.3	0.396	0.20	58.8	5.2
MU-2	121799	0245	20.92	7.3	0.395	0.20	58.9	5.3
MU-2	121799	0300	20.86	7.3	0.393	0.20	59.0	5.3
MU-2	121799	0315	20.81	7.3	0.391	0.19	58.7	5.3
MU-2	121799	0330	20.78	7.29	0.39	0.19	58.5	5.2
MU-2	121799	0345	20.79	7.29	0.388	0.19	58.3	5.2
MU-2	121799	0400	20.77	7.29	0.388	0.19	58.2	5.2
MU-2	121799	0415	20.73	7.29	0.388	0.19	58.0	5.2
MU-2	121799	0430	20.71	7.29	0.388	0.19	57.9	5.2
MU-2	121799	0445	20.68	7.29	0.388	0.19	57.9	5.2
MU-2	121799	0500	20.65	7.28	0.388	0.19	57.7	5.2
MU-2	121799	0515	20.64	7.28	0.388	0.19	57.4	5.2
MU-2	121799	0530	20.6	7.28	0.389	0.19	57.4	5.2
MU-2	121799	0545	20.56	7.28	0.39	0.19	57.3	5.2
MU-2	121799	0600	20.54	7.28	0.389	0.19	57.1	5.1
MU-2	121799	0615	20.51	7.28	0.389	0.19	56.8	5.1
MU-2	121799	0630	20.47	7.27	0.389	0.19	56.7	5.1
MU-2	121799	0645	20.44	7.27	0.389	0.19	56.5	5.1
MU-2	121799	0700	20.42	7.27	0.388	0.19	56.4	5.1
MU-2	121799	0715	20.41	7.26	0.387	0.19	56.2	5.1
MU-2	121799	0730	20.39	7.26	0.387	0.19	56.2	5.1
MU-2	121799	0745	20.38	7.26	0.387	0.19	56.1	5.1
MU-2	121799	0800	20.35	7.26	0.387	0.19	56.1	5.1
MU-2	121799	0815	20.34	7.26	0.387	0.19	56.0	5.1
MU-2	121799	0830	20.33	7.26	0.386	0.19	56.0	5.1
MU-2	121799	0845	20.32	7.26	0.386	0.19	55.9	5.0
MU-2	121799	0900	20.31	7.26	0.387	0.19	55.9	5.0
MU-2	121799	0915	20.3	7.26	0.386	0.19	55.9	5.1
MU-2	121799	0930	20.29	7.26	0.387	0.19	55.9	5.1
MU-2	121799	0945	20.28	7.26	0.386	0.19	56.1	5.1

**Hydrolab Minisonde Continuous Deployment at Station MU-2
 December 15-17, 1999
 Mote Marine Laboratory**

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
MU-2	121799	1000	20.27	7.26	0.386	0.19	56.1	5.1
MU-2	121799	1015	20.24	7.27	0.386	0.19	56.5	5.1
MU-2	121799	1030	20.25	7.26	0.386	0.19	56.4	5.1
MU-2	121799	1045	20.23	7.26	0.386	0.19	56.3	5.1

Hydrolab DS3 Continuous Deployment at Station ML-1
December 15-16, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
ML-1	121599	1230	22.93	7.31	11.17	6.40	84.9	7.0
ML-1	121599	1245	23.02	7.34	10.99	6.30	85.2	7.0
ML-1	121599	1300	23.04	7.36	10.78	6.10	85.8	7.1
ML-1	121599	1315	23.11	7.36	10.57	6.00	84.9	7.0
ML-1	121599	1330	23.20	7.37	10.27	5.80	85.0	7.0
ML-1	121599	1345	23.26	7.38	10.05	5.70	85.7	7.1
ML-1	121599	1400	23.35	7.40	9.77	5.50	87.4	7.2
ML-1	121599	1415	23.35	7.42	9.70	5.50	87.4	7.2
ML-1	121599	1430	23.31	7.41	9.31	5.20	87.6	7.2
ML-1	121599	1445	23.22	7.39	8.80	4.90	87.0	7.2
ML-1	121599	1500	23.17	7.39	8.60	4.80	86.5	7.2
ML-1	121599	1515	23.09	7.40	8.19	4.60	84.8	7.1
ML-1	121599	1530	23.02	7.39	7.88	4.40	84.5	7.0
ML-1	121599	1545	22.95	7.38	7.69	4.30	83.5	7.0
ML-1	121599	1600	22.88	7.38	7.49	4.20	82.6	6.9
ML-1	121599	1615	22.77	7.38	7.32	4.10	81.7	6.9
ML-1	121599	1630	22.63	7.36	7.07	3.90	81.3	6.9
ML-1	121599	1645	22.59	7.35	6.83	3.80	80.4	6.8
ML-1	121599	1700	22.20	7.44	6.81	3.80	82.3	7.0
ML-1	121599	1715	22.33	7.41	6.22	3.40	81.8	6.9
ML-1	121599	1730	22.33	7.42	5.91	3.30	82.3	7.0
ML-1	121599	1745	22.24	7.41	6.51	3.60	80.6	6.9
ML-1	121599	1800	22.17	7.40	6.55	3.60	79.5	6.8
ML-1	121599	1815	22.31	7.39	6.36	3.50	80.2	6.8
ML-1	121599	1830	22.92	7.37	8.76	4.90	79.9	6.7
ML-1	121599	1845	22.31	7.42	6.71	3.70	81.5	6.9
ML-1	121599	1900	23.02	7.37	9.45	5.30	77.6	6.4
ML-1	121599	1915	22.90	7.39	9.67	5.50	78.2	6.5
ML-1	121599	1930	22.93	7.38	9.90	5.60	77.8	6.4
ML-1	121599	1945	22.99	7.38	10.69	6.10	76.7	6.3
ML-1	121599	2000	22.90	7.39	10.36	5.90	78.9	6.5
ML-1	121599	2015	22.92	7.41	10.62	6.00	78.0	6.5
ML-1	121599	2030	22.95	7.41	11.11	6.30	77.6	6.4
ML-1	121599	2045	23.01	7.41	11.45	6.50	76.6	6.3

Hydrolab DS3 Continuous Deployment at Station ML-1
December 15-16, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
ML-1	121599	2100	23.04	7.42	12.02	6.90	77.4	6.3
ML-1	121599	2115	23.08	7.42	12.34	7.10	76.8	6.3
ML-1	121599	2130	23.06	7.43	12.58	7.20	76.1	6.2
ML-1	121599	2145	23.04	7.43	12.66	7.30	75.3	6.2
ML-1	121599	2200	23.01	7.44	12.89	7.40	74.2	6.1
ML-1	121599	2215	22.95	7.44	12.97	7.50	75.4	6.2
ML-1	121599	2230	22.92	7.44	13.12	7.50	78.2	6.4
ML-1	121599	2245	22.93	7.43	13.14	7.60	76.4	6.3
ML-1	121599	2300	22.92	7.43	13.22	7.60	76.5	6.3
ML-1	121599	2315	22.86	7.44	13.40	7.70	77.1	6.3
ML-1	121599	2330	22.83	7.44	13.60	7.80	77.4	6.3
ML-1	121599	2345	22.70	7.36	13.20	7.60	77.5	6.4
ML-1	121699	0000	22.79	7.42	13.38	7.70	77.1	6.3
ML-1	121699	0015	22.49	7.43	12.48	7.20	78.7	6.5
ML-1	121699	0030	22.61	7.40	13.15	7.60	75.6	6.2
ML-1	121699	0045	22.56	7.39	13.03	7.50	74.2	6.1
ML-1	121699	0100	22.52	7.38	12.83	7.40	73.6	6.1
ML-1	121699	0115	22.52	7.39	12.56	7.20	73.9	6.1
ML-1	121699	0130	22.49	7.37	12.31	7.10	72.1	6.0
ML-1	121699	0145	22.38	7.37	11.87	6.80	72.7	6.0
ML-1	121699	0200	22.33	7.37	11.67	6.70	71.6	6.0
ML-1	121699	0215	22.27	7.36	11.60	6.60	71.4	6.0
ML-1	121699	0230	22.18	7.33	11.49	6.60	70.0	5.8
ML-1	121699	0245	22.18	7.33	11.23	6.40	70.3	5.9
ML-1	121699	0300	22.20	7.33	11.13	6.30	69.9	5.9
ML-1	121699	0315	22.16	7.31	11.00	6.30	69.1	5.8
ML-1	121699	0330	22.06	7.32	10.71	6.10	69.7	5.9
ML-1	121699	0345	21.96	7.31	10.55	6.00	68.5	5.8
ML-1	121699	0400	21.97	7.34	10.31	5.80	68.1	5.7
ML-1	121699	0415	21.84	7.32	10.05	5.70	69.0	5.8
ML-1	121699	0430	21.72	7.30	9.86	5.60	65.5	5.6
ML-1	121699	0445	21.67	7.26	9.66	5.50	67.2	5.7
ML-1	121699	0500	21.58	7.27	9.51	5.40	65.4	5.6
ML-1	121699	0515	21.61	7.33	9.28	5.20	66.2	5.6

Hydrolab DS3 Continuous Deployment at Station ML-1
December 15-16, 1999
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
ML-1	121699	0530	21.57	7.36	9.04	5.10	63.1	5.4
ML-1	121699	0545	21.36	7.37	8.90	5.00	65.5	5.6
ML-1	121699	0600	21.32	7.42	7.85	4.40	65.0	5.6
ML-1	121699	0615	21.35	7.41	7.47	4.20	67.3	5.8
ML-1	121699	0630	21.30	7.38	7.34	4.10	71.8	6.2
ML-1	121699	0645	21.33	7.31	7.41	4.10	70.3	6.1
ML-1	121699	0700	21.30	7.36	7.53	4.20	71.6	6.2
ML-1	121699	0715	21.44	7.36	7.68	4.30	69.7	6.0
ML-1	121699	0730	21.47	7.38	8.09	4.50	67.1	5.8
ML-1	121699	0745	21.78	7.35	8.94	5.00	64.3	5.5
ML-1	121699	0800	21.94	7.33	9.74	5.50	65.7	5.6
ML-1	121699	0815	21.90	7.37	9.89	5.60	61.7	5.2
ML-1	121699	0830	21.92	7.37	10.00	5.70	58.1	4.9
ML-1	121699	0845	21.94	7.36	10.20	5.80	63.2	5.3
ML-1	121699	0900	22.02	7.36	10.38	5.90	61.8	5.2
ML-1	121699	0915	22.09	7.38	10.76	6.10	61.0	5.1
ML-1	121699	0930	22.04	7.38	11.02	6.30	64.8	5.4
ML-1	121699	0945	22.20	7.38	11.37	6.50	64.6	5.4
ML-1	121699	1000	22.22	7.37	11.50	6.60	67.1	5.6
ML-1	121699	1015	22.15	7.39	11.15	6.30	69.3	5.8
ML-1	121699	1030	21.98	7.40	11.24	6.40	72.9	6.1
ML-1	121699	1045	22.43	7.37	11.61	6.60	66.6	5.5
ML-1	121699	1100	22.45	7.40	11.81	6.70	70.3	5.8
ML-1	121699	1115	22.31	7.40	11.62	6.60	77.9	6.5
ML-1	121699	1130	22.31	7.44	11.52	6.60	75.7	6.3
ML-1	121699	1145	22.49	7.46	11.33	6.50	77.7	6.5
ML-1	121699	1200	22.56	7.47	11.02	6.30	82.6	6.9
ML-1	121699	1215	22.59	7.46	10.40	5.90	82.5	6.9
ML-1	121699	1230	22.59	7.46	10.14	5.70	84.0	7.0
ML-1	121699	1245	22.68	7.48	9.88	5.60	87.1	7.3
ML-1	121699	1300	22.74	7.50	9.57	5.40	89.9	7.5
ML-1	121699	1315	22.83	7.49	9.28	5.20	90.5	7.5
ML-1	121699	1330	22.77	7.48	9.21	5.20	92.7	7.7
ML-1	121699	1345	22.70	7.49	9.06	5.10	94.0	7.8

Hydrolab DS3 Continuous Deployment at Station ML-1

December 15-16, 1999

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
ML-1	121699	1400	22.54	7.46	8.93	5.00	93.1	7.8
ML-1	121699	1415	22.38	7.39	8.84	5.00	93.4	7.8
ML-1	121699	1430	22.29	7.37	8.75	4.90	91.3	7.7
ML-1	121699	1445	22.21	7.29	8.59	4.80	91.5	7.7
ML-1	121699	1500	22.11	7.38	8.55	4.80	91.1	7.7
ML-1	121699	1515	22.08	7.21	8.25	4.60	97.4	8.3

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
10-1	011100	0700	0.2	35.2	53.21	21.05	8.15	7.02	97.6
10-1	011100	0700	1.0	35.2	53.21	21.06	8.15	7.13	99.3
10-1	011100	0701	2.2	35.2	53.19	21.05	8.15	7.23	100.6
10-1	011100	1137	0.2	34.9	52.83	21.32	8.13	7.65	106.9
10-1	011100	1137	1.0	34.9	52.83	21.29	8.13	7.74	108.0
10-1	011100	1137	2.3	34.9	52.8	21.27	8.14	7.85	108.8
10-2	011100	0651	0.2	35.2	53.23	20.84	8.13	6.85	94.9
10-2	011100	0651	0.7	35.2	53.24	20.84	8.13	6.90	95.8
10-2	011100	0652	1.2	35.2	53.23	20.84	8.14	7.01	97.1
10-2	011100	1117	0.2	34.8	52.73	21.23	8.12	7.49	104.5
10-2	011100	1118	0.7	34.8	52.71	21.20	8.13	7.61	105.9
10-2	011100	1119	1.2	34.8	52.72	21.23	8.13	7.63	106.3
10-3	011100	0626	0.2	35.0	52.90	20.65	7.99	7.01	96.6
10-3	011100	0631	1.0	35.0	52.99	20.88	8.11	7.03	97.5
10-3	011100	0632	3.3	30.9	46.11	20.84	8.15	7.12	95.9
10-3	011100	1053	0.2	34.7	52.55	20.87	8.02	7.01	97.2
10-3	011100	1054	1.0	34.8	52.71	20.87	8.05	7.03	97.9
10-3	011100	1055	4.1	34.9	52.77	20.86	8.09	6.99	96.8
10-4	011100	0803	0.2	35.2	53.25	20.87	8.08	6.57	91.0
10-4	011100	0804	1.0	35.2	53.25	20.86	8.09	6.53	90.6
10-4	011100	0804	2.1	35.2	53.21	20.87	8.09	6.61	91.2
10-4	011100	1349	0.2	35.1	53.05	21.04	8.07	7.06	98.2
10-4	011100	1350	1.0	35.1	53.05	21.06	8.08	7.14	99.3
10-4	011100	1351	2.1	35.1	53.03	21.06	8.09	7.27	101.2
10-5	011100	0748	0.2	34.9	52.83	21.10	8.06	6.53	90.8
10-5	011100	0749	1.0	34.9	52.86	21.09	8.06	6.53	90.8
10-5	011100	0750	4.4	35.0	53.00	21.08	8.06	6.57	91.7
10-5	011100	1329	0.2	34.7	52.49	21.35	8.04	6.85	95.9
10-5	011100	1329	1.0	34.7	52.53	21.34	8.04	6.90	96.3
10-5	011100	1330	4.4	34.7	52.55	21.33	8.06	6.99	97.4

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
11-1	011100	0707	0.2	35.3	53.36	21.10	8.13	6.95	96.8
11-1	011100	0707	1.0	35.3	53.37	21.11	8.13	6.98	97.4
11-1	011100	0708	3.0	35.3	53.35	21.11	8.13	7.10	99.0
11-1	011100	1152	0.2	35.0	52.95	21.32	8.10	7.34	102.6
11-1	011100	1152	1.0	35.0	52.94	21.32	8.10	7.46	103.6
11-1	011100	1154	3.1	35.0	52.93	21.24	8.11	7.67	107.0
11-2	011100	0712	0.2	35.1	53.00	21.10	8.08	6.79	94.6
11-2	011100	0713	1.0	35.0	52.99	21.10	8.08	6.83	95.0
11-2	011100	0714	3.0	35.0	53.01	21.11	8.09	6.88	95.7
11-2	011100	1207	0.2	34.1	51.70	21.64	8.07	6.90	96.5
11-2	011100	1208	1.0	34.6	52.39	21.44	8.08	7.06	98.7
11-2	011100	1209	3.0	34.8	52.63	21.33	8.11	7.41	103.3
11-3	011100	0720	0.2	33.9	51.39	21.24	8.06	6.67	92.4
11-3	011100	0721	1.0	34.2	51.93	21.26	8.06	6.71	93.2
11-3	011100	0722	3.8	34.8	52.62	21.23	8.06	6.67	92.9
11-3	011100	1231	0.2	34.2	51.91	21.68	8.04	6.94	97.2
11-3	011100	1231	1.0	34.3	51.95	21.65	8.05	7.06	98.9
11-3	011100	1232	2.9	34.5	52.23	21.42	8.07	7.29	101.7
11-4	011100	0728	0.2	35.0	52.96	21.10	8.06	6.53	90.8
11-4	011100	0728	1.0	35.0	52.96	21.10	8.07	6.56	90.7
11-4	011100	0729	1.8	35.0	52.96	21.09	8.07	6.57	91.5
11-4	011100	1253	0.2	34.6	52.38	21.60	8.06	6.98	97.8
11-4	011100	1254	0.8	34.6	52.37	21.61	8.06	7.10	99.5
11-4	011100	1254	1.4	34.6	52.45	21.61	8.07	7.19	100.9
11-5	011100	0737	0.2	34.3	51.93	21.59	8.00	5.85	81.7
11-5	011100	0738	0.7	34.2	51.92	21.59	8.00	5.83	81.7
11-5	011100	0738	1.1	34.2	51.92	21.58	8.00	5.89	82.1
11-5	011100	1312	0.2	33.3	50.65	22.33	7.97	6.54	92.2
11-5	011100	1313	0.9	33.3	50.80	22.31	7.98	6.61	93.5
11-5	011100	1313	1.6	33.6	51.07	22.21	8.02	7.03	99.1

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
13-1	011200	0639	0.2	32.8	49.87	20.69	7.68	6.71	91.4
13-1	011200	0640	0.8	33.0	50.29	20.89	7.71	5.98	81.6
13-1	011200	0640	1.4	33.6	51.06	21.09	7.71	5.75	79.2
13-1	011200	1416	0.2	32.5	49.63	21.76	7.81	6.70	92.9
13-1	011200	1417	0.8	32.7	49.84	21.69	7.82	6.81	95.1
13-1	011200	1418	1.3	32.7	50.12	21.69	7.83	6.97	97.6
13-2	011200	0646	0.2	32.8	49.92	20.58	7.72	6.34	84.5
13-2	011200	0647	0.7	32.9	50.12	20.59	7.72	6.06	82.5
13-2	011200	0647	1.1	33.0	50.25	20.80	7.71	5.85	78.8
13-2	011200	1358	0.2	31.8	48.62	21.89	7.79	6.54	90.4
13-2	011200	1359	0.7	32.6	49.78	21.70	7.91	8.01	111.4
13-2	011200	1359	1.1	32.7	49.86	21.68	7.93	8.30	116.6
13-3	011200	0654	0.2	31.5	47.45	20.46	7.66	5.50	73.5
13-3	011200	0654	0.8	32.5	49.56	22.25	7.65	4.78	66.7
13-3	011200	0655	1.4	32.8	50.05	21.81	7.68	4.90	67.8
13-3	011200	1337	0.2	23.5	37.39	22.09	7.65	6.14	81.2
13-3	011200	1338	0.8	27.8	43.09	21.97	7.66	5.70	77.4
13-3	011200	1339	1.3	32.1	49.05	21.92	7.66	4.50	62.8
13-4	011200	0702	0.2	32.0	48.87	21.33	7.74	6.55	89.0
13-4	011200	0703	1.0	32.1	49.06	21.37	7.73	6.04	82.7
13-4	011200	0703	3.8	32.1	49.09	21.40	7.72	5.84	79.1
13-4	011200	1313	0.2	31.5	48.33	21.85	7.82	6.82	94.6
13-4	011200	1314	1.0	32.1	49.09	21.80	7.86	7.07	98.3
13-4	011200	1315	2.8	32.2	49.15	21.56	7.86	6.96	96.2
13-5	011200	0713	0.2	31.9	48.71	21.44	7.80	6.24	84.9
13-5	011200	0714	0.9	32.0	48.86	21.41	7.80	6.28	86.3
13-5	011200	0714	1.6	32.2	49.10	21.34	7.80	6.21	85.4
13-5	011200	1225	0.2	32.1	49.00	21.55	7.97	8.18	113.1
13-5	011200	1226	0.8	32.2	49.16	21.58	7.97	8.26	114.3
13-5	011200	1227	1.3	32.3	49.30	21.58	7.97	8.27	113.9

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
14-1	011200	0718	0.2	32.0	48.92	21.34	7.86	6.76	92.3
14-1	011200	0718	1.0	32.2	49.14	21.36	7.86	6.84	93.7
14-1	011200	0718	1.8	32.3	49.33	21.40	7.85	6.84	93.5
14-1	011200	1207	0.2	32.2	49.14	21.37	7.95	7.39	101.7
14-1	011200	1208	0.9	32.3	49.31	21.37	7.94	7.43	102.3
14-1	011200	1208	1.5	32.4	49.48	21.34	7.94	7.40	102.0
14-2	011200	0722	0.2	32.2	49.14	21.32	7.90	6.87	94.3
14-2	011200	0723	0.9	32.3	49.25	21.37	7.90	6.75	92.9
14-2	011200	0723	1.5	32.5	49.47	21.39	7.90	6.75	92.9
14-2	011200	1150	0.2	32.2	49.21	21.33	8.01	7.85	107.8
14-2	011200	1150	0.7	32.4	49.42	21.34	8.00	7.90	108.8
14-2	011200	1151	1.2	32.5	49.51	21.35	8.01	7.94	109.2
14-3	011200	0729	0.3	32.3	49.37	19.99	7.87	5.18	70.3
14-3	011200	1128	0.2	32.3	49.33	20.95	8.05	7.94	109.9
14-4	011200	0739	0.2	33.3	50.68	20.54	7.91	6.47	87.8
14-4	011200	0740	0.8	33.4	50.78	20.68	7.90	6.37	86.8
14-4	011200	0740	1.3	33.6	51.04	20.65	7.90	6.31	86.3
14-4	011200	1105	0.2	33.2	50.57	20.51	7.95	6.72	91.8
14-4	011200	1106	0.5	33.3	50.73	20.51	7.95	6.66	90.9
14-4	011200	1107	0.8	33.4	50.83	20.52	7.96	6.75	92.0
14-5	011200	0747	0.2	33.8	51.33	20.17	7.79	5.57	75.6
14-5	011200	0747	0.4	33.8	51.33	20.14	7.78	5.35	72.6
14-5	011200	0748	0.5	33.9	51.43	20.18	7.77	5.28	71.0
14-5	011200	1043	0.3	33.7	51.22	20.47	7.97	7.07	96.6

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
16-1	011100	0624	0.2	34.2	51.86	21.51	7.67	5.66	78.7
16-1	011100	0624	0.9	34.4	52.11	21.49	7.71	5.63	78.6
16-1	011100	0625	1.6	34.6	52.46	21.37	7.71	5.51	77.1
16-1	011100	1418	0.3	34.9	52.86	22.36	7.92	7.23	102.9
16-2	011100	0633	0.2	35.2	53.26	21.22	7.79	6.01	83.9
16-2	011100	0633	0.6	35.3	53.32	21.22	7.79	6.05	84.5
16-2	011100	0634	1.0	35.3	53.35	21.21	7.80	6.06	84.7
16-2	011100	1357	0.2	35.3	53.43	22.18	7.91	6.93	98.4
16-2	011100	1357	0.4	35.2	53.19	22.19	7.90	6.99	99.3
16-2	011100	1358	0.5	35.2	53.18	22.19	7.90	7.13	100.9
16-3	011100	0639	0.2	35.7	53.93	20.97	7.84	6.45	90.0
16-3	011100	0640	0.6	35.7	53.93	20.96	7.84	6.45	89.8
16-3	011100	0640	1.0	35.7	53.95	20.95	7.84	6.46	90.0
16-3	011100	1343	0.2	35.7	53.83	21.83	7.93	7.21	102.0
16-3	011100	1343	0.6	35.7	53.87	21.81	7.93	7.38	104.5
16-3	011100	1344	0.9	35.7	53.85	21.81	7.93	7.39	104.7
16-4	011100	0647	0.2	36.3	54.69	20.51	7.83	6.01	83.3
16-4	011100	0648	0.9	36.3	54.75	20.51	7.83	6.01	83.3
16-4	011100	0648	1.5	36.3	54.74	20.51	7.83	6.07	84.3
16-4	011100	1327	0.2	35.9	54.12	21.63	7.89	6.78	94.0
16-4	011100	1328	0.6	35.9	54.12	21.67	7.90	6.67	95.2
16-4	011100	1329	1.0	35.9	54.11	21.62	7.89	6.73	95.2
16-5	011100	0655	0.2	36.3	54.74	20.55	7.86	6.40	88.4
16-5	011100	0655	1.0	36.3	54.78	20.55	7.86	6.30	87.4
16-5	011100	0655	2.5	36.4	54.78	20.54	7.86	6.39	88.7
16-5	011100	1310	0.3	35.9	54.12	21.39	7.88	6.49	91.3

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	011100	0734	0.2	30.7	47.11	21.95	7.74	5.07	69.9
LB-1	011100	0734	0.6	30.7	47.10	21.92	7.73	4.95	68.2
LB-1	011100	0734	0.9	30.7	47.06	21.82	7.69	4.82	65.5
LB-1	011100	1200	0.3	30.8	47.21	22.55	7.88	6.22	85.1
LB-2	011100	0740	0.2	30.7	47.08	22.16	7.88	5.61	77.5
LB-2	011100	0740	0.4	30.7	47.10	22.14	7.87	5.49	75.9
LB-2	011100	0740	0.6	30.7	47.12	22.13	7.86	5.35	74.1
LB-2	011100	1141	0.2	30.9	47.43	22.47	7.92	6.39	89.1
LB-2	011100	1142	0.4	30.9	47.41	22.51	7.92	6.26	87.3
LB-2	011100	1143	0.6	30.9	47.39	22.51	7.91	6.24	87.0
LB-3	011100	0747	0.2	30.9	47.31	21.92	7.98	6.51	89.8
LB-3	011100	0748	0.6	30.9	47.33	21.94	7.97	6.42	86.8
LB-3	011100	0748	0.9	30.9	47.32	21.94	7.97	6.27	85.9
LB-3	011100	1121	0.2	31.2	47.86	22.48	7.98	6.88	95.8
LB-3	011100	1122	0.5	31.3	47.89	22.51	7.99	7.03	99.2
LB-3	011100	1122	0.8	31.3	47.89	22.54	7.97	6.96	96.3
LB-4	011100	0755	0.2	32.3	49.28	22.05	8.09	6.26	87.3
LB-4	011100	0756	0.5	32.3	49.28	22.06	8.09	6.23	86.9
LB-4	011100	0756	0.7	32.3	49.30	22.06	8.08	6.27	87.4
LB-4	011100	1102	0.2	32.3	49.34	22.33	8.05	6.68	95.5
LB-4	011100	1103	0.6	32.3	49.34	22.34	8.05	6.78	95.1
LB-4	011100	1103	0.9	32.3	49.36	22.34	8.05	6.83	96.4
LB-5	011100	0804	0.2	33.9	51.41	21.74	8.01	5.34	74.7
LB-5	011100	0805	0.9	33.9	51.42	21.75	8.01	5.25	73.4
LB-5	011100	0805	1.6	34.0	51.57	21.75	8.01	5.33	73.9
LB-5	011100	1037	0.2	33.1	50.44	21.96	7.90	4.82	66.7
LB-5	011100	1038	0.8	33.2	50.60	21.94	7.90	4.79	66.6
LB-5	011100	1038	1.3	33.4	50.72	21.89	7.90	4.73	66.1

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
ML-1	011200	0734	0.2	4.41	7.89	21.98	7.32	6.28	73.7
ML-1	011200	0735	0.4	4.30	7.70	21.71	7.34	6.28	73.9
ML-1	011200	0736	0.6	4.33	7.76	21.76	7.34	6.35	74.4
ML-1	011200	1229	0.2	1.36	2.52	22.27	7.56	6.88	79.8
ML-1	011200	1230	0.4	1.47	2.73	22.25	7.52	6.84	79.3
ML-1	011200	1230	0.6	1.52	2.83	22.24	7.52	6.81	79.1
ML-2	011200	0743	0.2	4.95	8.80	21.51	7.37	6.35	74.4
ML-2	011200	0743	0.5	5.19	9.22	21.69	7.36	6.33	74.2
ML-2	011200	0744	0.7	5.71	10.04	22.24	7.34	6.12	72.5
ML-2	011200	1212	0.3	3.15	5.72	22.43	7.64	7.50	88.4
ML-3	011200	0750	0.2	6.29	11.05	22.00	7.42	6.60	78.6
ML-3	011200	0750	0.7	6.32	11.07	22.11	7.41	6.52	77.6
ML-3	011200	0751	1.2	6.60	11.57	22.33	7.41	6.50	77.8
ML-3	011200	1149	0.2	3.81	6.86	22.25	7.56	6.91	81.3
ML-3	011200	1149	0.5	4.40	7.87	22.16	7.60	7.17	84.7
ML-3	011200	1150	0.7	5.26	9.38	22.24	7.66	7.72	91.7
ML-4	011200	0803	0.2	6.26	11.22	21.72	7.44	6.46	76.7
ML-4	011200	0804	1.0	6.23	10.92	21.74	7.44	6.52	77.3
ML-4	011200	0804	3.5	6.61	11.56	21.89	7.45	6.46	76.9
ML-4	011200	1131	0.2	4.67	8.33	21.97	7.50	6.46	76.1
ML-4	011200	1131	1.0	4.65	8.30	21.94	7.50	6.45	76.0
ML-4	011200	1132	2.4	4.65	8.29	21.93	7.51	6.46	76.0
ML-5	011200	0815	0.2	8.40	14.50	21.13	7.49	6.14	72.8
ML-5	011200	0815	0.4	8.50	14.69	21.08	7.49	6.14	72.9
ML-5	011200	0816	0.5	8.75	15.06	21.00	7.49	6.14	72.9
ML-5	011200	1059	0.2	6.01	10.58	22.00	7.40	5.76	68.6
ML-5	011200	1059	0.4	6.00	10.57	22.00	7.42	5.73	67.9
ML-5	011200	1100	0.6	6.01	10.58	22.01	7.44	5.76	68.5

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
MU-1	011200	0626	0.2	0.27	0.53	21.21	6.60	6.44	72.6
MU-1	011200	0626	1.0	0.25	0.49	21.26	6.66	6.46	73.0
MU-1	011200	0627	2.2	0.24	0.48	21.28	6.72	6.44	72.8
MU-1	011200	1433	0.2	0.23	0.45	21.64	7.23	7.70	86.7
MU-1	011200	1434	0.4	0.23	0.45	21.65	7.18	6.96	79.2
MU-1	011200	1434	0.6	0.23	0.45	21.64	7.14	6.89	78.2
MU-2	011200	0646	0.2	0.23	0.47	21.01	6.94	6.29	70.5
MU-2	011200	0647	0.9	0.23	0.46	21.01	6.93	6.22	69.8
MU-2	011200	0647	1.6	0.23	0.46	21.01	6.93	6.27	70.4
MU-2	011200	1414	0.2	0.23	0.46	21.67	7.23	7.08	80.6
MU-2	011200	1414	0.7	0.23	0.46	21.60	7.15	6.98	79.4
MU-2	011200	1415	1.2	0.23	0.46	21.48	7.13	6.48	73.5
MU-3	011200	0700	0.2	0.26	0.51	20.81	7.12	7.11	79.6
MU-3	011200	0701	1.0	0.26	0.51	20.82	7.10	6.78	75.9
MU-3	011200	0701	1.8	0.26	0.51	20.83	7.11	6.37	71.2
MU-3	011200	1352	0.2	0.24	0.47	22.25	7.29	7.49	86.3
MU-3	011200	1353	0.5	0.24	0.47	22.14	7.27	7.47	85.7
MU-3	011200	1353	0.7	0.24	0.47	22.09	7.27	7.42	85.2
MU-4	011200	0712	0.2	0.51	0.99	21.11	7.24	6.48	73.1
MU-4	011200	0712	0.7	0.54	1.04	21.12	7.24	6.47	72.9
MU-4	011200	0713	1.1	0.54	1.02	21.09	7.24	6.45	72.7
MU-4	011200	1324	0.2	0.26	0.52	21.68	7.39	7.15	81.1
MU-4	011200	1325	0.5	0.26	0.52	21.68	7.36	7.11	80.9
MU-4	011200	1325	0.8	0.27	0.53	21.72	7.36	7.14	81.5
MU-5	011200	0719	0.2	1.08	2.02	21.59	7.27	6.46	73.9
MU-5	011200	0719	0.6	1.09	2.04	21.60	7.27	6.49	74.2
MU-5	011200	0720	0.9	1.09	2.04	21.61	7.27	6.49	74.2
MU-5	011200	1304	0.2	0.27	0.53	21.44	7.40	7.18	80.7
MU-5	011200	1304	0.7	0.27	0.54	21.46	7.39	7.06	80.1
MU-5	011200	1305	1.1	0.27	0.54	21.44	7.39	7.00	79.4

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	011100	0700	27.34667	-82.58389	27.34658	-82.58360	2.4			
10-1	011100	1137	27.34667	-82.58389	27.34653	-82.58412	2.5	1.4	000043	0.83
10-2	011100	0651	27.34639	-82.56944	27.34515	-82.56938	1.4			
10-2	011100	1117	27.34639	-82.56944	27.34592	-82.56965	1.4	>B	000045	0.74
10-3	011100	0626	27.33083	-82.58500	27.33012	-82.58592	3.5			
10-3	011100	1053	27.33083	-82.58500	27.33000	-82.58477	4.3	1.8	000041	0.31
10-4	011100	0803	27.31750	-82.56556	27.31672	-82.56600	2.3			
10-4	011100	1349	27.31750	-82.56556	27.31695	-82.56593	2.3	2.0	000047	0.39
10-5	011100	0748	27.31361	-82.55306	27.31243	-82.55323	4.6			
10-5	011100	1329	27.31361	-82.55306	27.31325	-82.55290	4.6	2.5	000042	0.60
11-1	011100	0707	27.35833	-82.56694	27.35772	-82.56648	3.2			
11-1	011100	1152	27.35833	-82.56694	27.35903	-82.56658	3.3	2.0	000046	0.95
11-2	011100	0712	27.35361	-82.55833	27.35297	-82.55773	3.2			
11-2	011100	1207	27.35361	-82.55833	27.35290	-82.55885	3.2	1.5	000040	0.59
11-3	011100	0720	27.34028	-82.55278	27.33963	-82.55307	4.0			
11-3	011100	1231	27.34028	-82.55278	27.34027	-82.55245	3.1	2.3	000049	0.62
11-4	011100	0728	27.32667	-82.55056	27.32652	-82.55073	2.0			
11-4	011100	1253	27.32667	-82.55056	27.32673	-82.54995	1.6	>B	000044	0.71
11-5	011100	0737	27.30556	-82.54194	27.30567	-82.54162	1.3			
11-5	011100	1312	27.30556	-82.54194	27.30568	-82.54223	1.8	1.5	000050	0.61
13-1	011200	0639	27.28861	-82.55056	27.28870	-82.55067	1.6			
13-1	011200	1416	27.28861	-82.55056	27.28838	-82.55060	1.5	>B	000039	0.31
13-2	011200	0646	27.28194	-82.54278	27.28140	-82.54268	1.3			
13-2	011200	1358	27.28194	-82.54278	27.28195	-82.54282	1.3	>B	000036	0.89
13-3	011200	0654	27.27028	-82.54472	27.26988	-82.54458	1.6			
13-3	011200	1337	27.27028	-82.54472	27.27017	-82.54470	1.5	=B	000030	1.31
13-4	011200	0702	27.25917	-82.53722	27.26103	-82.53645	4.0			
13-4	011200	1313	27.25917	-82.53722	27.26022	-82.53618	3.0	2.0	000032	0.83
13-5	011200	0713	27.24444	-82.52528	27.24428	-82.52545	1.8			
13-5	011200	1225	27.24444	-82.52528	27.24415	-82.52503	1.5	>B	000037	0.76
14-1	011200	0718	27.23944	-82.51639	27.23927	-82.51645	2.0			
14-1	011200	1207	27.23944	-82.51639	27.23933	-82.51637	1.7	>B	000035	0.80
14-2	011200	0722	27.23139	-82.51278	27.23175	-82.51318	1.7			
14-2	011200	1150	27.23139	-82.51278	27.23147	-82.51293	1.4	>B	000038	0.98
14-3	011200	0729	27.21611	-82.51139	27.21610	-82.51243	0.6			
14-3	011200	1128	27.21611	-82.51139	27.21680	-82.51300	0.4	>B	000029	1.30
14-4	011200	0739	27.19806	-82.50278	27.19820	-82.50263	1.5			
14-4	011200	1105	27.19806	-82.50278	27.19815	-82.50327	1.0	>B	000031	0.88
14-5	011200	0747	27.18361	-82.49333	27.18397	-82.49358	0.7			
14-5	011200	1043	27.18361	-82.49333	27.18643	-82.49505	0.6	>B	000034	0.69

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
16-1	011100	0624	27.17639	-82.49500	27.17615	-82.49388	1.8			
16-1	011100	1418	27.17639	-82.49500	27.17720	-82.49447	0.6	>B	000065	1.42
16-2	011100	0633	27.15972	-82.48444	27.15947	-82.48357	1.2			
16-2	011100	1357	27.15972	-82.48444	27.15995	-82.48425	0.7	>B	000071	1.19
16-3	011100	0639	27.15167	-82.47694	27.15147	-82.47692	1.2			
16-3	011100	1343	27.15167	-82.47694	27.15178	-82.47707	1.1	>B	000067	0.64
16-4	011100	0647	27.13944	-82.47250	27.14083	-82.47197	1.7			
16-4	011100	1327	27.13944	-82.47250	27.14062	-82.47235	1.2	>B	000066	1.05
16-5	011100	0655	27.13139	-82.47056	27.13163	-82.47022	2.7			
16-5	011100	1310	27.13139	-82.47056	27.13118	-82.47053	0.6	>B	000063	0.76
LB-1	011100	0734	27.03500	-82.42778	27.03570	-82.42647	1.1			
LB-1	011100	1200	27.03500	-82.42778	27.03588	-82.42633	0.6	>B	000072	1.16
LB-2	011100	0740	27.01722	-82.41528	27.01733	-82.41498	0.8			
LB-2	011100	1141	27.01722	-82.41528	27.01762	-82.41503	0.8	>B	000062	1.13
LB-3	011100	0747	27.00056	-82.40583	27.00053	-82.40557	1.1			
LB-3	011100	1121	27.00056	-82.40583	26.99987	-82.40515	1.0	>B	000064	0.79
LB-4	011100	0755	26.98194	-82.39000	26.98197	-82.38978	0.9			
LB-4	011100	1102	26.98194	-82.39000	26.98215	-82.38988	1.1	>B	000070	0.77
LB-5	011100	0804	26.95611	-82.36722	26.95597	-82.36748	1.8			
LB-5	011100	1037	26.95611	-82.36722	26.95638	-82.36750	1.5	>B	000069	0.71
ML-1	011200	0734	27.03833	-82.28333	27.03872	-82.28323	0.8			
ML-1	011200	1229	27.03833	-82.28333	27.03843	-82.28277	0.8	>B	000054	2.51
ML-2	011200	0743	27.03194	-82.27889	27.03235	-82.27860	0.9			
ML-2	011200	1212	27.03194	-82.27889	27.03230	-82.27852	0.6	>B	000060	2.91
ML-3	011200	0750	27.03000	-82.27222	27.03025	-82.27225	1.4			
ML-3	011200	1149	27.03000	-82.27222	27.03052	-82.27207	0.9	>B	000057	2.33
ML-4	011200	0803	27.02222	-82.27444	27.02208	-82.27467	3.7			
ML-4	011200	1131	27.02222	-82.27444	27.02212	-82.27440	2.6	1.0	000059	2.27
ML-5	011200	0815	27.00889	-82.26806	27.00918	-82.26775	0.7			
ML-5	011200	1059	27.00889	-82.26806	27.00900	-82.26720	0.8	>B	000051	2.64
MU-1	011200	0626	27.09417	-82.32972	27.09420	-82.32937	2.4			
MU-1	011200	1433	27.09417	-82.32972	27.09468	-82.32957	0.8	>B	000055	1.36
MU-2	011200	0646	27.08583	-82.32417	27.08425	-82.32230	1.8			
MU-2	011200	1414	27.08583	-82.32417	27.08567	-82.32212	1.4	1.0	000053	2.13
MU-3	011200	0700	27.07333	-82.31694	27.07313	-82.31612	2.0			
MU-3	011200	1352	27.07333	-82.31694	27.07308	-82.31160	0.9	>B	000058	2.09
MU-4	011200	0712	27.05778	-82.30583	27.05748	-82.30437	1.3			
MU-4	011200	1324	27.05778	-82.30583	27.05890	-82.30510	1.0	>B	000056	2.05
MU-5	011200	0719	27.05250	-82.30000	27.05280	-82.29815	1.1			
MU-5	011200	1304	27.05250	-82.30000	27.05410	-82.29947	1.3	>B	000052	1.89

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH ₄ -N Diss (mg/l)	NO ₂₃ -N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO ₄ -P Diss (mg/l)	Total P (mg/l)	BOD ₅ (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	1.0M	1137	000043	1/11/2000	U0.005	U0.005	U0.005	0.24	0.24	0.006	0.16	1.3	26	5.4	13	8.11	3.4	0.9	34.9
10-2	MID	1118	000045	1/11/2000	0.010	0.006	U0.005	0.20	0.20	0.006	0.17	1.1	12	4.1	9	8.16	2.3	0.9	34.8
10-3	1.0M	1049	000041	1/11/2000	0.006	0.009	U0.005	0.19	0.19	0.006	0.16	1.0	22	4.1	11	8.11	3.3	U0.5	34.7
10-4	1.0M	1347	000047	1/11/2000	0.006	U0.005	U0.005	0.19	0.19	0.007	0.14	0.7	24	5.4	8	8.05	1.3	1.4	35.1
10-4 REP	1.0M	1358	000048	1/11/2000	U0.005	U0.005	U0.005	0.16	0.16	0.007	0.15	0.6	19	5.8	8	8.02	1.6	1.2	NA
10-5	1.0M	1328	000042	1/11/2000	U0.005	U0.005	U0.005	0.19	0.19	0.009	0.14	0.8	19	3.5	7	8.06	3.3	U0.5	34.7
11-1	1.0M	1150	000046	1/11/2000	0.007	U0.005	U0.005	0.19	0.19	0.006	0.18	0.9	20	3.6	10	8.10	1.7	1.4	35.0
11-2	1.0M	1207	000040	1/11/2000	U0.005	U0.005	U0.005	0.21	0.21	0.009	0.15	0.9	13	3.4	9	8.06	2.1	1.0	34.1
11-3	1.0M	1230	000049	1/11/2000	U0.005	U0.005	U0.005	0.19	0.19	0.012	0.16	0.8	20	3.6	11	8.04	1.7	3.4	34.2
11-4	MID	1253	000044	1/11/2000	U0.005	U0.005	U0.005	0.17	0.17	0.008	0.14	0.8	9	2.3	9	8.10	2.9	0.8	34.6
11-5	MID	1311	000050	1/11/2000	0.013	U0.005	U0.005	0.28	0.28	0.027	0.19	0.9	22	3.5	12	7.97	3.3	1.0	33.3
13-1	MID	1412	000039	1/12/2000	0.011	0.014	0.013	0.45	0.46	0.041	0.15	0.9	18	2.8	13	8.05	2.4	1.0	32.5
13-2	MID	1358	000036	1/12/2000	0.024	0.014	0.014	0.29	0.30	0.045	0.15	0.7	16	2.1	13	8.03	2.3	0.5	31.8
13-3	MID	1337	000030	1/12/2000	0.096	0.060	0.059	0.47	0.53	0.092	0.19	1.0	8	3.8	24	7.89	2.9	2.1	23.5
13-4	1.0M	1313	000032	1/12/2000	0.016	0.012	0.009	0.42	0.43	0.046	0.17	1.2	16	3.0	14	8.06	3.9	1.3	31.5
13-5	MID	1225	000037	1/12/2000	0.006	U0.005	U0.005	0.39	0.39	0.043	0.18	2.1	22	3.5	14	8.15	6.9	0.5	32.1
14-1	MID	1207	000035	1/12/2000	U0.005	U0.005	U0.005	0.37	0.37	0.039	0.18	1.4	18	3.2	13	8.14	6.6	1.5	32.2
14-2	MID	1149	000038	1/12/2000	U0.005	U0.005	U0.005	0.46	0.46	0.040	0.18	2.7	24	4.2	15	8.18	10.6	0.9	32.2
14-3	MID	1127	000029	1/12/2000	U0.005	U0.005	U0.005	0.75	0.75	0.044	0.21	3.9	30	7.4	23	8.18	14.9	6.3	32.3
14-4	MID	1105	000031	1/12/2000	U0.005	U0.005	U0.005	0.39	0.39	0.028	0.16	1.6	15	3.6	14	8.10	6.6	2.4	33.2
14-5	MID	1043	000034	1/12/2000	U0.005	U0.005	U0.005	0.37	0.37	0.026	0.14	0.9	10	2.5	14	8.00	2.9	1.2	33.7
14-5 REP	MID	1050	000033	1/12/2000	U0.005	U0.005	U0.005	0.33	0.33	0.026	0.14	1.1	7	2.5	14	8.11	2.8	0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH ₄ -N Diss (mg/l)	NO ₂₃ -N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO ₄ -P Diss (mg/l)	Total P (mg/l)	BOD ₅ (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	MID	1418	000065	1/11/2000	U0.005	U0.005	U0.005	0.31	0.31	0.027	0.18	1.4	23	2.8	12	8.04	3.7	1.3	34.9
16-2	MID	1357	000071	1/11/2000	U0.005	U0.005	U0.005	0.31	0.31	0.024	0.22	1.2	26	4.6	12	8.07	3.0	1.0	35.3
16-3	MID	1343	000067	1/11/2000	0.011	U0.005	U0.005	0.25	0.25	0.018	0.18	0.9	25	2.8	11	8.09	2.7	0.5	35.7
16-4	MID	1327	000066	1/11/2000	0.006	0.006	U0.005	0.26	0.26	0.018	0.19	0.9	27	3.9	9	8.07	2.9	U0.5	35.9
16-5	MID	1310	000063	1/11/2000	0.008	0.006	U0.005	0.23	0.23	0.016	0.16	0.8	22	2.9	12	8.03	2.3	U0.5	35.9
LB-1	MID	1159	000072	1/11/2000	0.021	U0.005	U0.005	0.57	0.57	0.067	0.27	2.4	21	3.7	20	8.04	7.2	3.5	30.8
LB-2	MID	1141	000062	1/11/2000	U0.005	U0.005	U0.005	0.58	0.58	0.065	0.31	2.9	21	3.7	23	8.06	10.5	2.9	30.9
LB-3	MID	1121	000064	1/11/2000	U0.005	U0.005	U0.005	0.51	0.51	0.063	0.26	2.9	20	3.6	24	8.17	7.6	2.8	31.2
LB-4	MID	1102	000070	1/11/2000	U0.005	0.012	U0.005	0.47	0.47	0.053	0.26	2.4	30	2.9	11	8.23	6.7	1.1	32.3
LB-5	MID	1037	000069	1/11/2000	0.024	0.017	U0.005	0.41	0.41	0.038	0.20	1.4	22	2.0	11	8.11	2.7	1.7	33.1
LB-5 REP	MID	1042	000068	1/11/2000	0.011	U0.005	U0.005	0.40	0.40	0.037	0.23	1.5	23	1.6	8	8.11	2.4	1.0	NA
ML-1	MID	1228	000054	1/12/2000	0.032	0.064	0.066	0.86	0.93	0.153	0.18	0.8	6	2.4	95	7.57	2.3	1.8	1.36
ML-2	MID	1210	000060	1/12/2000	0.032	0.052	0.031	1.64	1.67	0.141	0.42	1.4	54	18	150	7.57	6.2	12.5	3.15
ML-3	MID	1148	000057	1/12/2000	0.019	0.043	0.044	0.80	0.84	0.122	0.17	1.1	8	3.2	90	7.72	4.4	2.1	3.81
ML-4	1.0M	1130	000059	1/12/2000	0.031	0.047	0.049	0.77	0.82	0.118	0.17	0.8	6	2.7	95	7.66	3.8	2.2	4.67
ML-5	MID	1058	000051	1/12/2000	0.046	0.052	0.051	0.80	0.85	0.108	0.21	0.9	10	3.2	95	7.79	1.6	4.1	6.01
ML-5 REP	MID	1109	000061	1/12/2000	0.043	0.050	0.050	0.80	0.85	0.111	0.16	0.8	8	2.8	110	7.71	1.7	3.8	NA
MU-1	MID	1432	000055	1/12/2000	0.020	0.043	0.046	0.82	0.87	0.174	0.23	0.8	4	1.2	95	7.20	1.5	2.2	0.23
MU-2	MID	1413	000053	1/12/2000	0.034	0.052	0.054	0.85	0.90	0.174	0.19	U0.5	4	1.5	90	7.29	1.0	1.6	0.23
MU-3	MID	1352	000058	1/12/2000	0.022	0.049	0.053	0.81	0.86	0.163	0.23	U0.5	3	0.95	100	7.43	1.3	0.8	0.24
MU-4	MID	1325	000056	1/12/2000	0.029	0.055	0.058	0.85	0.91	0.163	0.20	0.5	4	1.9	100	7.40	1.5	1.3	0.26
MU-5	MID	1303	000052	1/12/2000	0.028	0.061	0.064	0.84	0.90	0.164	0.19	U0.5	4	1.2	90	7.52	1.3	0.7	0.27
EQP BLK		1555	000074	1/12/2000	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.63	U0.5	U0.5	NA
EQP BLK		1634	000073	1/12/2000	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.61	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rainfall		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)
			Begin (EST)	End (EST)	No	Yes	Min (%)	Max				
011100	AM	10	0626	0803	0		80	- 90	23.1	10 - 20	5 - 15	1.0 - 2.0
011100	PM	10	1053	1349	0		Clear		22.8	25 - 150	5 - 10	<0.5
011100	AM	11	0707	0737	0		90	- 95		10 - 20	5 - 10	1.0 - 2.0
011100	PM	11	1152	1312	0		Clear			25 - 35	5 - 15	<0.5
011100	AM	16	0624	0655	0		100		21.6	0 - 330	<5 - 5	<0.5
011100	PM	16	1310	1418	0		Clear			0 - 330	10	<0.5 - 0.5
011100	AM	LB	0734	0804	0		20	- 40		330	5	<0.5 - 0.5
011100	PM	LB	1037	1200	0		0	- 10		30 - 330	5 - 10	<0.5 - 0.5
011200	AM	13	0639	0713	0		Clear		16.6	90	5	<0.5 - 0.5
011200	PM	13	1225	1416	0		Clear			90 - 145	<5 - 10	<0.5 - 0.5
011200	AM	14	0718	0747	0		Clear			90	5	<0.5 - 0.5
011200	PM	14	1043	1207	0		Clear		17.7	90	5 - 10	<0.5 - 0.5
011200	AM	ML	0734	0815	0		Clear			Calm	<5	<0.5
011200	PM	ML	1059	1229	0		Clear		22.0	150	5 - 10	<0.5 - 0.5
011200	AM	MU	0626	0719	0		Clear		16.0	Calm	<5	<0.5
011200	PM	MU	1304	1433	0		Clear			150	5 - 10	<0.5 - 0.5

Hydrolab Minisonde Continuous Deployment at Station MU-4
January 12-14, 2000
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-4	011200	1500	22.58	7.27	564	0.27	79.3	6.8
MU-4	011200	1515	22.57	7.25	595	0.29	80.6	7.0
MU-4	011200	1530	22.53	7.24	580	0.28	88.0	7.6
MU-4	011200	1545	22.47	7.24	546	0.27	86.4	7.5
MU-4	011200	1600	22.40	7.22	549	0.27	84.6	7.3
MU-4	011200	1615	22.35	7.19	537	0.26	82.3	7.1
MU-4	011200	1630	22.09	7.23	508	0.25	82.4	7.2
MU-4	011200	1645	22.28	7.25	509	0.25	83.4	7.2
MU-4	011200	1700	22.28	7.28	521	0.25	85.1	7.4
MU-4	011200	1715	22.51	7.32	543	0.26	88.3	7.6
MU-4	011200	1730	22.39	7.35	557	0.27	87.7	7.6
MU-4	011200	1745	22.34	7.36	564	0.27	87.0	7.5
MU-4	011200	1800	22.22	7.35	563	0.27	85.4	7.4
MU-4	011200	1815	22.14	7.33	551	0.27	83.9	7.3
MU-4	011200	1830	22.01	7.30	539	0.26	82.0	7.2
MU-4	011200	1845	21.94	7.27	521	0.25	80.0	7.0
MU-4	011200	1900	21.87	7.24	508	0.25	78.7	6.9
MU-4	011200	1915	21.81	7.23	503	0.24	77.9	6.8
MU-4	011200	1930	21.80	7.23	502	0.24	78.1	6.8
MU-4	011200	1945	21.80	7.24	508	0.25	78.2	6.9
MU-4	011200	2000	21.78	7.25	523	0.25	78.4	6.9
MU-4	011200	2015	21.75	7.25	537	0.26	78.5	6.9
MU-4	011200	2030	21.72	7.26	551	0.27	78.7	6.9
MU-4	011200	2045	21.76	7.27	580	0.28	79.0	6.9
MU-4	011200	2100	21.73	7.27	609	0.30	78.8	6.9
MU-4	011200	2115	21.75	7.28	669	0.33	78.6	6.9
MU-4	011200	2130	21.72	7.28	691	0.34	78.1	6.9
MU-4	011200	2145	21.66	7.28	704	0.34	77.9	6.8
MU-4	011200	2200	21.65	7.28	761	0.37	77.3	6.8
MU-4	011200	2215	21.36	7.26	714	0.35	76.2	6.7
MU-4	011200	2230	21.08	7.25	720	0.35	74.4	6.6
MU-4	011200	2245	21.13	7.26	762	0.37	74.6	6.6
MU-4	011200	2300	21.20	7.27	736	0.36	75.9	6.7
MU-4	011200	2315	21.08	7.27	713	0.35	75.2	6.7

Hydrolab Minisonde Continuous Deployment at Station MU-4
January 12-14, 2000
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-4	011200	2330	21.08	7.26	690	0.34	75.1	6.7
MU-4	011200	2345	21.02	7.26	672	0.33	74.9	6.7
MU-4	011300	0000	20.84	7.24	663	0.32	73.6	6.6
MU-4	011300	0015	20.88	7.25	637	0.31	74.2	6.6
MU-4	011300	0030	20.86	7.24	607	0.30	74.1	6.6
MU-4	011300	0045	20.80	7.24	586	0.29	73.5	6.6
MU-4	011300	0100	20.73	7.23	568	0.28	73.3	6.6
MU-4	011300	0115	20.64	7.22	562	0.27	72.7	6.5
MU-4	011300	0130	20.61	7.23	547	0.27	72.7	6.5
MU-4	011300	0145	20.53	7.22	545	0.26	72.2	6.5
MU-4	011300	0200	20.49	7.22	536	0.26	72.0	6.5
MU-4	011300	0215	20.46	7.22	526	0.26	72.0	6.5
MU-4	011300	0230	20.35	7.20	525	0.26	71.4	6.4
MU-4	011300	0245	20.36	7.18	527	0.26	70.4	6.3
MU-4	011300	0300	20.31	7.14	559	0.27	69.0	6.2
MU-4	011300	0315	20.57	7.18	508	0.25	71.1	6.4
MU-4	011300	0330	20.42	7.20	499	0.24	71.3	6.4
MU-4	011300	0345	20.25	7.21	516	0.25	70.8	6.4
MU-4	011300	0400	20.13	7.21	529	0.26	70.4	6.4
MU-4	011300	0415	20.00	7.22	548	0.27	69.8	6.3
MU-4	011300	0430	20.03	7.22	546	0.27	70.1	6.4
MU-4	011300	0445	20.13	7.22	539	0.26	70.2	6.4
MU-4	011300	0500	20.25	7.20	522	0.25	70.8	6.4
MU-4	011300	0515	20.28	7.20	519	0.25	70.9	6.4
MU-4	011300	0530	20.33	7.21	518	0.25	71.1	6.4
MU-4	011300	0545	20.33	7.21	529	0.26	71.3	6.4
MU-4	011300	0600	20.28	7.22	543	0.26	71.1	6.4
MU-4	011300	0615	20.29	7.23	587	0.29	71.2	6.4
MU-4	011300	0630	20.22	7.23	614	0.30	71.1	6.4
MU-4	011300	0645	20.26	7.24	664	0.32	71.3	6.4
MU-4	011300	0700	20.16	7.24	683	0.33	71.2	6.4
MU-4	011300	0715	20.21	7.25	733	0.36	71.3	6.4
MU-4	011300	0730	20.16	7.25	750	0.37	71.0	6.4
MU-4	011300	0745	20.23	7.25	847	0.42	70.9	6.4

**Hydrolab Minisonde Continuous Deployment at Station MU-4
January 12-14, 2000
Mote Marine Laboratory**

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-4	011300	0800	20.46	7.27	1102	0.55	71.7	6.4
MU-4	011300	0815	20.53	7.28	1239	0.62	71.9	6.4
MU-4	011300	0830	20.55	7.29	1342	0.67	72.3	6.5
MU-4	011300	0845	20.56	7.29	1338	0.67	72.4	6.5
MU-4	011300	0900	20.09	7.28	1193	0.60	71.6	6.5
MU-4	011300	0915	19.97	7.27	1171	0.58	72.3	6.6
MU-4	011300	0930	20.14	7.28	1161	0.58	72.9	6.6
MU-4	011300	0945	20.04	7.25	1001	0.50	73.2	6.6
MU-4	011300	1000	20.11	7.21	992	0.49	73.0	6.6
MU-4	011300	1015	20.44	7.22	901	0.44	73.4	6.6
MU-4	011300	1030	20.50	7.23	862	0.43	74.7	6.7
MU-4	011300	1045	20.64	7.24	783	0.38	75.9	6.8
MU-4	011300	1100	20.78	7.25	742	0.36	76.4	6.8
MU-4	011300	1115	20.93	7.25	707	0.35	77.4	6.9
MU-4	011300	1130	21.07	7.25	652	0.32	77.9	6.9
MU-4	011300	1145	21.15	7.26	620	0.30	78.4	7.0
MU-4	011300	1200	21.25	7.26	593	0.29	78.6	7.0
MU-4	011300	1215	21.30	7.26	578	0.28	79.0	7.0
MU-4	011300	1230	21.46	7.26	572	0.28	79.8	7.0
MU-4	011300	1245	21.55	7.26	557	0.27	80.3	7.1
MU-4	011300	1300	21.64	7.26	550	0.27	80.7	7.1
MU-4	011300	1315	21.79	7.26	545	0.26	81.9	7.2
MU-4	011300	1330	21.87	7.27	541	0.26	82.2	7.2
MU-4	011300	1345	22.00	7.27	542	0.26	83.1	7.3
MU-4	011300	1400	22.09	7.27	536	0.26	83.5	7.3
MU-4	011300	1415	22.15	7.27	536	0.26	83.6	7.3
MU-4	011300	1430	22.17	7.27	534	0.26	83.8	7.3
MU-4	011300	1445	22.21	7.28	535	0.26	84.5	7.3
MU-4	011300	1500	22.20	7.29	533	0.26	84.7	7.4
MU-4	011300	1515	22.23	7.29	546	0.27	85.2	7.4
MU-4	011300	1530	22.15	7.30	539	0.26	84.9	7.4
MU-4	011300	1545	22.12	7.31	545	0.26	85.3	7.4
MU-4	011300	1600	22.02	7.28	540	0.26	83.3	7.3
MU-4	011300	1615	21.96	7.22	566	0.28	81.4	7.1

Hydrolab Minisonde Continuous Deployment at Station MU-4
January 12-14, 2000
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-4	011300	1630	21.90	7.25	543	0.26	80.9	7.1
MU-4	011300	1645	21.75	7.25	512	0.25	79.0	6.9
MU-4	011300	1700	21.74	7.27	514	0.25	80.5	7.1
MU-4	011300	1715	21.78	7.27	517	0.25	79.9	7.0
MU-4	011300	1730	21.84	7.30	529	0.26	81.4	7.1
MU-4	011300	1745	21.77	7.36	546	0.27	81.3	7.1
MU-4	011300	1800	21.74	7.37	543	0.26	80.5	7.1
MU-4	011300	1815	21.68	7.36	543	0.26	79.9	7.0
MU-4	011300	1830	21.61	7.35	536	0.26	78.8	6.9
MU-4	011300	1845	21.57	7.34	532	0.26	78.3	6.9
MU-4	011300	1900	21.58	7.31	521	0.25	77.4	6.8
MU-4	011300	1915	21.54	7.31	519	0.25	72.3	6.4
MU-4	011300	1930	21.56	7.29	517	0.25	77.5	6.8
MU-4	011300	1945	21.57	7.28	520	0.25	78.0	6.9
MU-4	011300	2000	21.54	7.28	533	0.26	78.2	6.9
MU-4	011300	2015	21.58	7.28	554	0.27	78.5	6.9
MU-4	011300	2030	21.55	7.28	564	0.27	78.5	6.9
MU-4	011300	2045	21.55	7.28	581	0.28	78.3	6.9
MU-4	011300	2100	21.55	7.28	604	0.29	78.4	6.9
MU-4	011300	2115	21.53	7.28	638	0.31	78.4	6.9
MU-4	011300	2130	21.58	7.28	685	0.33	78.5	6.9
MU-4	011300	2145	21.66	7.28	809	0.40	77.6	6.8
MU-4	011300	2200	21.37	7.27	693	0.34	76.8	6.8
MU-4	011300	2215	21.22	7.25	728	0.36	75.2	6.7
MU-4	011300	2230	20.89	7.24	722	0.35	73.9	6.6
MU-4	011300	2245	20.98	7.26	669	0.33	74.8	6.7
MU-4	011300	2300	21.04	7.27	653	0.32	75.4	6.7
MU-4	011300	2315	20.91	7.26	631	0.31	74.3	6.6
MU-4	011300	2330	20.83	7.26	613	0.30	74.5	6.7
MU-4	011300	2345	20.79	7.26	587	0.29	74.3	6.6
MU-4	011400	0000	20.72	7.25	577	0.28	74.0	6.6
MU-4	011400	0015	20.73	7.26	564	0.27	74.2	6.6
MU-4	011400	0030	20.67	7.25	556	0.27	73.4	6.6
MU-4	011400	0045	20.60	7.24	550	0.27	73.2	6.6

Hydrolab Minisonde Continuous Deployment at Station MU-4
January 12-14, 2000
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-4	011400	0100	20.59	7.25	537	0.26	72.9	6.5
MU-4	011400	0115	20.54	7.25	529	0.26	72.7	6.5
MU-4	011400	0130	20.47	7.24	528	0.26	72.2	6.5
MU-4	011400	0145	20.37	7.23	530	0.26	71.6	6.5
MU-4	011400	0200	20.35	7.23	520	0.25	71.4	6.4
MU-4	011400	0215	20.28	7.22	515	0.25	71.0	6.4
MU-4	011400	0230	20.27	7.21	518	0.25	70.1	6.3
MU-4	011400	0245	20.25	7.20	515	0.25	70.1	6.3
MU-4	011400	0300	20.20	7.19	511	0.25	69.5	6.3
MU-4	011400	0315	20.17	7.18	509	0.25	69.2	6.3
MU-4	011400	0330	20.14	7.18	508	0.25	68.9	6.2
MU-4	011400	0345	20.06	7.17	511	0.25	68.6	6.2
MU-4	011400	0400	20.05	7.17	509	0.25	68.6	6.2
MU-4	011400	0415	20.02	7.16	512	0.25	68.3	6.2
MU-4	011400	0430	19.98	7.15	514	0.25	68.1	6.2
MU-4	011400	0445	19.93	7.15	515	0.25	68.2	6.2
MU-4	011400	0500	19.87	7.16	514	0.25	68.3	6.2
MU-4	011400	0515	19.72	7.17	522	0.25	68.8	6.3
MU-4	011400	0530	19.65	7.17	525	0.26	69.9	6.4
MU-4	011400	0545	19.53	7.19	524	0.25	70.9	6.5
MU-4	011400	0600	19.52	7.20	522	0.25	71.2	6.5
MU-4	011400	0615	19.51	7.19	525	0.26	70.7	6.5
MU-4	011400	0630	19.51	7.19	510	0.25	70.4	6.5
MU-4	011400	0645	19.66	7.19	478	0.23	70.4	6.4
MU-4	011400	0700	19.52	7.19	475	0.23	71.1	6.5
MU-4	011400	0715	19.51	7.16	485	0.24	70.4	6.5
MU-4	011400	0730	19.50	7.18	473	0.23	71.0	6.5
MU-4	011400	0745	19.44	7.19	466	0.23	71.6	6.6
MU-4	011400	0800	19.37	7.20	464	0.22	72.1	6.6
MU-4	011400	0815	19.13	7.22	464	0.23	73.8	6.8
MU-4	011400	0830	19.18	7.22	465	0.23	73.9	6.8
MU-4	011400	0845	18.64	7.28	471	0.23	76.9	7.2
MU-4	011400	0900	18.56	7.30	470	0.23	78.0	7.3
MU-4	011400	0915	18.58	7.31	473	0.23	79.5	7.4

Hydrolab Minisonde Continuous Deployment at Station MU-4

January 12-14, 2000

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-4	011400	0930	18.71	7.33	473	0.23	80.3	7.5
MU-4	011400	0945	18.65	7.34	475	0.23	81.9	7.6
MU-4	011400	1000	18.75	7.33	476	0.23	81.6	7.6
MU-4	011400	1015	18.73	7.37	480	0.23	84.2	7.8
MU-4	011400	1030	18.77	7.41	483	0.23	86.1	8.0
MU-4	011400	1045	18.93	7.41	479	0.23	86.1	8.0
MU-4	011400	1100	19.12	7.39	481	0.23	85.8	7.9
MU-4	011400	1115	19.27	7.40	485	0.24	86.9	8.0
MU-4	011400	1130	19.38	7.47	490	0.24	90.0	8.3
MU-4	011400	1145	19.51	7.47	491	0.24	90.7	8.3
MU-4	011400	1200	19.60	7.47	497	0.24	81.0	7.4

Hydrolab DS3 Continuous Deployment at Station ML-3
January 12-14, 2000
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
ML-3	011200	1200	22.47	7.47	6938	3.90	91.0	7.7
ML-3	011200	1215	22.54	7.42	6921	3.80	89.5	7.6
ML-3	011200	1230	22.86	7.49	6870	3.80	94.9	8.0
ML-3	011200	1245	23.04	7.56	6826	3.80	98.7	8.3
ML-3	011200	1300	23.02	7.49	5980	3.30	91.6	7.7
ML-3	011200	1315	23.17	7.52	5756	3.20	94.5	7.9
ML-3	011200	1330	23.35	7.55	5505	3.00	95.9	8.0
ML-3	011200	1345	23.55	7.61	4934	2.70	99.4	8.3
ML-3	011200	1400	23.76	7.71	4551	2.50	102.8	8.6
ML-3	011200	1415	23.82	7.75	4194	2.30	103.7	8.6
ML-3	011200	1430	24.18	7.90	4086	2.20	108.6	9.0
ML-3	011200	1445	24.20	7.84	3831	2.10	108.6	9.0
ML-3	011200	1500	23.64	7.67	3485	1.90	97.7	8.2
ML-3	011200	1515	23.74	7.70	3411	1.80	100.7	8.4
ML-3	011200	1530	23.93	7.78	3432	1.90	107.9	9.0
ML-3	011200	1545	23.76	7.66	3307	1.80	98.6	8.2
ML-3	011200	1600	23.78	7.74	3326	1.80	103.4	8.6
ML-3	011200	1615	23.69	7.75	3551	1.90	101.3	8.5
ML-3	011200	1630	23.55	7.68	3390	1.80	93.6	7.9
ML-3	011200	1645	23.49	7.79	3427	1.90	104.8	8.8
ML-3	011200	1700	23.38	7.72	3332	1.80	102.4	8.6
ML-3	011200	1715	23.38	7.70	3482	1.90	101.9	8.6
ML-3	011200	1730	23.16	7.58	3836	2.10	92.9	7.8
ML-3	011200	1745	23.04	7.52	4212	2.30	89.9	7.6
ML-3	011200	1800	22.97	7.48	4512	2.50	89.1	7.5
ML-3	011200	1815	22.88	7.45	4737	2.60	86.2	7.3
ML-3	011200	1830	22.75	7.41	5026	2.80	82.5	7.0
ML-3	011200	1845	22.63	7.38	5325	2.90	77.6	6.6
ML-3	011200	1900	22.54	7.36	5681	3.10	73.3	6.2
ML-3	011200	1915	22.52	7.35	5981	3.30	73.3	6.2
ML-3	011200	1930	22.61	7.34	6396	3.50	72.6	6.1
ML-3	011200	1945	22.61	7.34	6649	3.70	71.3	6.0
ML-3	011200	2000	22.58	7.34	7053	3.90	73.0	6.2

Hydrolab DS3 Continuous Deployment at Station ML-3
January 12-14, 2000
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
ML-3	011200	2015	22.67	7.36	7432	4.10	75.1	6.3
ML-3	011200	2030	22.79	7.39	8203	4.60	76.6	6.4
ML-3	011200	2045	22.81	7.40	8663	4.90	77.3	6.5
ML-3	011200	2100	22.84	7.40	9031	5.10	76.6	6.4
ML-3	011200	2115	22.79	7.40	9293	5.20	76.9	6.4
ML-3	011200	2130	22.92	7.39	9493	5.40	75.6	6.3
ML-3	011200	2145	22.86	7.38	9360	5.30	78.7	6.5
ML-3	011200	2200	22.93	7.37	9494	5.40	79.0	6.6
ML-3	011200	2215	22.83	7.39	9500	5.40	76.7	6.4
ML-3	011200	2230	22.83	7.40	9341	5.30	79.4	6.6
ML-3	011200	2245	22.67	7.37	8999	5.10	72.3	6.0
ML-3	011200	2300	22.71	7.36	8917	5.00	76.6	6.4
ML-3	011200	2315	22.68	7.36	8755	4.90	72.3	6.0
ML-3	011200	2330	22.72	7.35	8727	4.90	71.1	5.9
ML-3	011200	2345	22.70	7.35	8708	4.90	67.4	5.6
ML-3	011300	0000	22.65	7.37	8594	4.80	71.9	6.0
ML-3	011300	0015	22.04	7.39	8263	4.60	71.8	6.1
ML-3	011300	0030	22.18	7.38	7947	4.40	70.6	6.0
ML-3	011300	0045	21.94	7.39	7567	4.20	73.2	6.2
ML-3	011300	0100	21.95	7.36	7493	4.20	69.8	6.0
ML-3	011300	0115	21.69	7.41	7161	4.00	70.6	6.1
ML-3	011300	0130	21.30	7.42	6753	3.70	74.4	6.4
ML-3	011300	0145	21.00	7.43	6581	3.60	74.1	6.5
ML-3	011300	0200	20.99	7.41	6506	3.60	76.3	6.7
ML-3	011300	0215	21.16	7.39	5946	3.30	78.4	6.8
ML-3	011300	0230	21.11	7.39	5674	3.10	72.3	6.3
ML-3	011300	0245	21.16	7.38	5497	3.00	70.6	6.2
ML-3	011300	0300	21.14	7.37	5843	3.20	71.2	6.2
ML-3	011300	0315	21.13	7.36	5863	3.20	73.4	6.4
ML-3	011300	0330	21.06	7.34	5936	3.30	68.5	6.0
ML-3	011300	0345	20.99	7.33	5832	3.20	70.2	6.1
ML-3	011300	0400	21.25	7.33	5994	3.30	72.3	6.3
ML-3	011300	0415	21.25	7.33	6134	3.40	69.8	6.1

Hydrolab DS3 Continuous Deployment at Station ML-3
January 12-14, 2000
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
ML-3	011300	0430	21.14	7.34	6292	3.50	74.4	6.5
ML-3	011300	0445	21.42	7.30	6529	3.60	66.2	5.7
ML-3	011300	0500	21.74	7.30	6796	3.80	64.5	5.5
ML-3	011300	0515	21.81	7.34	7762	4.30	70.0	6.0
ML-3	011300	0530	21.69	7.34	7920	4.40	68.4	5.9
ML-3	011300	0545	21.65	7.31	7938	4.40	66.5	5.7
ML-3	011300	0600	21.76	7.35	8399	4.70	69.3	5.9
ML-3	011300	0615	21.69	7.35	8745	4.90	66.3	5.6
ML-3	011300	0630	21.71	7.35	8885	5.00	68.4	5.8
ML-3	011300	0645	21.70	7.35	9553	5.40	67.6	5.7
ML-3	011300	0700	21.65	7.36	10065	5.70	69.0	5.9
ML-3	011300	0715	21.67	7.35	10347	5.90	67.1	5.7
ML-3	011300	0730	21.65	7.35	10675	6.10	66.0	5.6
ML-3	011300	0745	21.60	7.36	10964	6.20	66.3	5.6
ML-3	011300	0800	21.64	7.33	10855	6.20	70.1	5.9
ML-3	011300	0815	21.57	7.36	11173	6.40	72.6	6.1
ML-3	011300	0830	21.63	7.35	10621	6.00	72.3	6.1
ML-3	011300	0845	21.53	7.33	10513	6.00	66.8	5.7
ML-3	011300	0900	21.74	7.31	10048	5.70	65.2	5.5
ML-3	011300	0915	21.76	7.34	10218	5.80	67.1	5.7
ML-3	011300	0930	21.82	7.30	9893	5.60	71.5	6.1
ML-3	011300	0945	21.79	7.34	9534	5.40	67.7	5.7
ML-3	011300	1000	21.74	7.39	8980	5.10	67.8	5.8
ML-3	011300	1015	21.79	7.44	9047	5.10	78.8	6.7
ML-3	011300	1030	21.89	7.46	8760	4.90	80.5	6.8
ML-3	011300	1045	21.95	7.57	8738	4.90	81.3	6.9
ML-3	011300	1100	22.13	7.50	8218	4.60	78.5	6.6
ML-3	011300	1115	22.33	7.56	7893	4.40	86.0	7.3
ML-3	011300	1130	22.37	7.48	7657	4.30	83.1	7.0
ML-3	011300	1145	22.63	7.49	7589	4.20	80.7	6.8
ML-3	011300	1200	23.04	7.57	7447	4.20	92.8	7.7
ML-3	011300	1215	23.09	7.58	7194	4.00	93.6	7.8
ML-3	011300	1230	23.44	7.61	7163	4.00	95.0	7.9

Hydrolab DS3 Continuous Deployment at Station ML-3
January 12-14, 2000
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
ML-3	011300	1245	23.83	7.66	7050	3.90	94.5	7.8
ML-3	011300	1300	24.13	7.83	7000	3.90	107.3	8.8
ML-3	011300	1315	23.36	7.67	6559	3.60	95.2	7.9
ML-3	011300	1330	23.44	7.63	6290	3.50	94.2	7.8
ML-3	011300	1345	24.14	7.76	6340	3.50	102.9	8.4
ML-3	011300	1400	25.30	7.98	6557	3.60	123.7	9.9
ML-3	011300	1415	25.78	8.09	6789	3.80	125.5	10.0
ML-3	011300	1430	26.21	8.26	6945	3.90	145.7	11.5
ML-3	011300	1445	26.42	8.32	7018	3.90	152.9	12.0
ML-3	011300	1500	26.29	8.30	6995	3.90	146.6	11.5
ML-3	011300	1515	25.86	8.28	6402	3.50	152.9	12.2
ML-3	011300	1530	25.19	8.16	5995	3.30	122.9	9.9
ML-3	011300	1545	25.17	8.18	5748	3.20	123.5	10.0
ML-3	011300	1600	25.17	8.24	5796	3.20	120.4	9.7
ML-3	011300	1615	24.36	8.03	5750	3.20	102.2	8.4
ML-3	011300	1630	23.78	7.73	5437	3.00	89.9	7.5
ML-3	011300	1645	23.67	7.80	5077	2.80	93.2	7.8
ML-3	011300	1700	23.51	7.82	4971	2.70	101.7	8.5
ML-3	011300	1715	23.62	7.75	5227	2.90	90.8	7.6
ML-3	011300	1730	23.60	7.78	5180	2.80	90.0	7.5
ML-3	011300	1745	23.51	7.81	5150	2.80	97.5	8.1
ML-3	011300	1800	23.26	7.74	5184	2.80	98.2	8.2
ML-3	011300	1815	22.99	7.57	5255	2.90	87.5	7.4
ML-3	011300	1830	22.65	7.45	5438	3.00	73.0	6.2
ML-3	011300	1845	22.51	7.41	5670	3.10	68.3	5.8
ML-3	011300	1900	22.45	7.39	5980	3.30	69.2	5.9
ML-3	011300	1915	22.49	7.40	6347	3.50	69.0	5.8
ML-3	011300	1930	22.49	7.40	6591	3.70	64.8	5.5
ML-3	011300	1945	22.67	7.41	7017	3.90	71.0	6.0
ML-3	011300	2000	22.67	7.41	7599	4.20	68.9	5.8
ML-3	011300	2015	22.68	7.40	7994	4.50	68.9	5.8
ML-3	011300	2030	22.67	7.41	8303	4.70	68.5	5.7
ML-3	011300	2045	22.70	7.41	8520	4.80	67.6	5.7

Hydrolab DS3 Continuous Deployment at Station ML-3
January 12-14, 2000
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
ML-3	011300	2100	22.70	7.42	8915	5.00	70.2	5.9
ML-3	011300	2115	22.70	7.42	9497	5.40	66.9	5.6
ML-3	011300	2130	22.70	7.43	9657	5.50	78.4	6.5
ML-3	011300	2145	22.68	7.41	9694	5.50	70.0	5.8
ML-3	011300	2200	22.67	7.41	9374	5.30	71.0	5.9
ML-3	011300	2215	22.56	7.41	9391	5.30	65.8	5.5
ML-3	011300	2230	22.61	7.39	9345	5.30	61.4	5.1
ML-3	011300	2245	22.45	7.43	9125	5.10	65.5	5.5
ML-3	011300	2300	22.54	7.42	8836	5.00	69.7	5.8
ML-3	011300	2315	22.50	7.42	8601	4.80	64.9	5.4
ML-3	011300	2330	22.45	7.42	8449	4.70	62.1	5.2
ML-3	011300	2345	22.45	7.42	8299	4.70	63.2	5.3
ML-3	011400	0000	22.20	7.38	8191	4.60	60.4	5.1
ML-3	011400	0015	22.04	7.37	8076	4.50	62.1	5.3
ML-3	011400	0030	21.92	7.51	7773	4.30	68.3	5.8
ML-3	011400	0045	21.62	7.38	7103	4.00	68.1	5.8
ML-3	011400	0100	21.58	7.38	6541	3.60	70.0	6.0
ML-3	011400	0115	21.48	7.38	6193	3.40	70.8	6.1
ML-3	011400	0130	21.42	7.39	5921	3.30	73.1	6.3
ML-3	011400	0145	21.44	7.39	5780	3.20	73.9	6.4
ML-3	011400	0200	21.28	7.38	5713	3.20	69.7	6.1
ML-3	011400	0215	21.25	7.39	5554	3.10	68.4	6.0
ML-3	011400	0230	21.28	7.36	5385	3.00	70.5	6.1
ML-3	011400	0245	21.28	7.38	5170	2.80	71.0	6.2
ML-3	011400	0300	21.30	7.38	5030	2.80	71.7	6.2
ML-3	011400	0315	21.21	7.35	4982	2.70	68.8	6.0
ML-3	011400	0330	21.21	7.36	4785	2.60	68.1	5.9
ML-3	011400	0345	21.10	7.38	4530	2.50	72.8	6.4
ML-3	011400	0400	21.07	7.37	4185	2.30	70.3	6.2
ML-3	011400	0415	21.02	7.36	3923	2.10	72.0	6.3
ML-3	011400	0430	20.95	7.35	3726	2.00	72.0	6.3
ML-3	011400	0445	20.86	7.36	3557	1.90	72.0	6.4
ML-3	011400	0500	20.81	7.35	3397	1.80	71.6	6.3

Hydrolab DS3 Continuous Deployment at Station ML-3
January 12-14, 2000
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
ML-3	011400	0515	20.67	7.35	3322	1.80	71.8	6.4
ML-3	011400	0530	20.57	7.31	3237	1.80	70.1	6.2
ML-3	011400	0545	20.32	7.28	3283	1.80	67.0	6.0
ML-3	011400	0600	20.21	7.27	3319	1.80	64.1	5.7
ML-3	011400	0615	19.84	7.29	3384	1.80	68.1	6.1
ML-3	011400	0630	20.50	7.25	4331	2.40	65.1	5.8
ML-3	011400	0645	20.79	7.28	4960	2.70	66.5	5.9
ML-3	011400	0700	19.98	7.31	4862	2.70	68.7	6.1
ML-3	011400	0715	19.96	7.26	4768	2.60	65.0	5.8
ML-3	011400	0730	19.67	7.27	4795	2.60	66.6	6.0
ML-3	011400	0745	19.85	7.37	4720	2.60	72.9	6.5
ML-3	011400	0800	19.99	7.41	4581	2.50	75.4	6.7
ML-3	011400	0815	20.08	7.41	4077	2.20	76.5	6.9
ML-3	011400	0830	19.66	7.43	3869	2.10	77.8	7.0
ML-3	011400	0845	19.79	7.44	3674	2.00	78.9	7.1
ML-3	011400	0900	19.85	7.47	3495	1.90	81.2	7.3
ML-3	011400	0915	19.97	7.50	3552	1.90	83.0	7.5
ML-3	011400	0930	19.82	7.50	3590	1.90	83.3	7.5
ML-3	011400	0945	19.89	7.61	3683	2.00	90.0	8.1
ML-3	011400	1000	19.56	7.65	3944	2.10	91.3	8.3
ML-3	011400	1015	18.39	7.75	4523	2.50	96.1	8.9
ML-3	011400	1030	18.58	7.71	4279	2.30	94.8	8.7
ML-3	011400	1045	18.70	7.71	3952	2.20	95.2	8.8
ML-3	011400	1100	18.94	7.75	4008	2.20	97.9	9.0

Hydrolab Minisonde Continuous Deployment at Station MU-1
January 12-14, 2000
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-1	011200	1545	21.70	7.17	448	0.23	80.3	7.1
MU-1	011200	1600	21.70	7.15	458	0.23	81.0	7.1
MU-1	011200	1615	21.68	7.16	465	0.23	80.2	7.0
MU-1	011200	1630	21.73	7.16	460	0.23	80.6	7.1
MU-1	011200	1645	21.75	7.18	464	0.23	80.6	7.1
MU-1	011200	1700	21.72	7.19	467	0.24	80.2	7.0
MU-1	011200	1715	21.77	7.17	459	0.23	80.3	7.0
MU-1	011200	1730	21.72	7.17	465	0.23	79.9	7.0
MU-1	011200	1745	21.78	7.15	454	0.23	79.7	7.0
MU-1	011200	1800	21.76	7.14	451	0.23	79.4	7.0
MU-1	011200	1815	21.74	7.14	453	0.23	79.2	7.0
MU-1	011200	1830	21.78	7.13	449	0.23	78.8	6.9
MU-1	011200	1845	21.66	7.14	451	0.23	78.8	6.9
MU-1	011200	1900	21.64	7.13	450	0.23	78.4	6.9
MU-1	011200	1915	21.62	7.14	451	0.23	78.7	6.9
MU-1	011200	1930	21.62	7.15	451	0.23	78.9	6.9
MU-1	011200	1945	21.61	7.15	452	0.23	78.8	6.9
MU-1	011200	2000	21.59	7.15	452	0.23	78.9	6.9
MU-1	011200	2015	21.59	7.15	452	0.23	78.9	6.9
MU-1	011200	2030	21.58	7.16	451	0.23	79.0	7.0
MU-1	011200	2045	21.57	7.16	451	0.23	78.8	6.9
MU-1	011200	2100	21.52	7.16	450	0.23	78.7	6.9
MU-1	011200	2115	21.52	7.15	450	0.23	78.5	6.9
MU-1	011200	2130	21.51	7.15	450	0.23	77.9	6.9
MU-1	011200	2145	21.52	7.15	450	0.23	77.7	6.9
MU-1	011200	2200	21.48	7.15	449	0.23	77.7	6.9
MU-1	011200	2215	21.44	7.14	449	0.23	77.1	6.8
MU-1	011200	2230	21.41	7.13	449	0.23	76.5	6.8
MU-1	011200	2245	21.27	7.13	449	0.23	75.9	6.7
MU-1	011200	2300	21.22	7.13	450	0.23	75.3	6.7
MU-1	011200	2315	21.24	7.11	451	0.23	74.4	6.6
MU-1	011200	2330	21.25	7.11	451	0.23	74.4	6.6
MU-1	011200	2345	21.17	7.11	451	0.23	73.8	6.6
MU-1	011300	0000	21.11	7.11	452	0.23	73.9	6.6

Hydrolab Minisonde Continuous Deployment at Station MU-1
January 12-14, 2000
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-1	011300	0015	21.21	7.12	453	0.23	74.3	6.6
MU-1	011300	0030	21.11	7.14	456	0.23	75.0	6.7
MU-1	011300	0045	21.13	7.15	455	0.23	75.4	6.7
MU-1	011300	0100	21.00	7.18	472	0.24	75.0	6.7
MU-1	011300	0115	21.08	7.17	458	0.23	75.9	6.8
MU-1	011300	0130	20.97	7.18	466	0.23	75.5	6.7
MU-1	011300	0145	20.96	7.20	470	0.24	75.4	6.7
MU-1	011300	0200	20.96	7.18	462	0.23	75.6	6.7
MU-1	011300	0215	20.90	7.20	470	0.24	75.1	6.7
MU-1	011300	0230	20.93	7.16	453	0.23	75.3	6.7
MU-1	011300	0245	20.86	7.15	455	0.23	75.0	6.7
MU-1	011300	0300	20.82	7.15	454	0.23	74.4	6.7
MU-1	011300	0315	20.80	7.15	455	0.23	74.0	6.6
MU-1	011300	0330	20.81	7.12	440	0.22	74.3	6.6
MU-1	011300	0345	20.74	7.13	442	0.22	73.9	6.6
MU-1	011300	0400	20.73	7.12	437	0.22	73.8	6.6
MU-1	011300	0415	20.72	7.11	432	0.22	73.6	6.6
MU-1	011300	0430	20.64	7.12	438	0.22	73.2	6.6
MU-1	011300	0445	20.59	7.11	436	0.22	72.7	6.5
MU-1	011300	0500	20.59	7.10	431	0.22	72.5	6.5
MU-1	011300	0515	20.49	7.11	431	0.22	72.6	6.5
MU-1	011300	0530	20.52	7.10	431	0.22	72.7	6.5
MU-1	011300	0545	20.45	7.12	437	0.22	72.4	6.5
MU-1	011300	0600	20.49	7.12	437	0.22	72.8	6.5
MU-1	011300	0615	20.46	7.12	438	0.22	72.6	6.5
MU-1	011300	0630	20.47	7.12	438	0.22	72.7	6.5
MU-1	011300	0645	20.46	7.12	439	0.22	72.8	6.6
MU-1	011300	0700	20.44	7.12	439	0.22	72.8	6.6
MU-1	011300	0715	20.44	7.12	440	0.22	72.9	6.6
MU-1	011300	0730	20.40	7.13	441	0.22	72.9	6.6
MU-1	011300	0745	20.39	7.13	443	0.22	73.0	6.6
MU-1	011300	0800	20.42	7.14	445	0.22	73.2	6.6
MU-1	011300	0815	20.40	7.14	446	0.22	73.2	6.6
MU-1	011300	0830	20.36	7.15	447	0.22	72.9	6.6

Hydrolab Minisonde Continuous Deployment at Station MU-1
January 12-14, 2000
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-1	011300	0845	20.35	7.15	449	0.23	73.0	6.6
MU-1	011300	0900	20.30	7.16	451	0.23	73.0	6.6
MU-1	011300	0915	20.15	7.16	450	0.23	72.7	6.6
MU-1	011300	0930	20.29	7.16	453	0.23	73.2	6.6
MU-1	011300	0945	20.27	7.16	453	0.23	73.4	6.6
MU-1	011300	1000	20.19	7.16	452	0.23	73.2	6.6
MU-1	011300	1015	20.27	7.17	453	0.23	73.4	6.6
MU-1	011300	1030	20.32	7.17	454	0.23	73.5	6.6
MU-1	011300	1045	20.33	7.16	453	0.23	73.6	6.6
MU-1	011300	1100	20.29	7.17	455	0.23	73.3	6.6
MU-1	011300	1115	20.31	7.16	450	0.23	73.1	6.6
MU-1	011300	1130	20.27	7.16	454	0.23	72.6	6.6
MU-1	011300	1145	20.33	7.15	448	0.22	72.7	6.6
MU-1	011300	1200	20.31	7.15	451	0.23	72.7	6.6
MU-1	011300	1215	20.39	7.15	448	0.23	73.1	6.6
MU-1	011300	1230	20.33	7.15	451	0.23	72.6	6.6
MU-1	011300	1245	20.44	7.13	443	0.22	72.9	6.6
MU-1	011300	1300	20.49	7.13	439	0.22	72.8	6.6
MU-1	011300	1315	20.48	7.10	436	0.22	72.5	6.5
MU-1	011300	1330	20.56	7.09	432	0.22	72.4	6.5
MU-1	011300	1345	20.60	7.10	434	0.22	72.7	6.5
MU-1	011300	1400	20.65	7.09	433	0.22	72.7	6.5
MU-1	011300	1415	20.67	7.09	437	0.22	73.1	6.6
MU-1	011300	1430	20.72	7.08	434	0.22	73.2	6.6
MU-1	011300	1445	20.73	7.09	439	0.22	73.3	6.6
MU-1	011300	1500	20.77	7.08	437	0.22	73.7	6.6
MU-1	011300	1515	20.81	7.08	438	0.22	74.0	6.6
MU-1	011300	1530	20.82	7.08	439	0.22	74.9	6.7
MU-1	011300	1545	20.87	7.09	440	0.22	75.2	6.7
MU-1	011300	1600	20.79	7.12	457	0.23	75.1	6.7
MU-1	011300	1615	20.93	7.10	439	0.22	76.9	6.9
MU-1	011300	1630	20.94	7.11	445	0.22	78.1	7.0
MU-1	011300	1645	20.93	7.14	451	0.23	78.5	7.0
MU-1	011300	1700	21.04	7.14	439	0.22	80.8	7.2

Hydrolab Minisonde Continuous Deployment at Station MU-1
January 12-14, 2000
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-1	011300	1715	21.07	7.15	437	0.22	82.1	7.3
MU-1	011300	1730	21.08	7.17	439	0.22	82.7	7.4
MU-1	011300	1745	21.00	7.19	454	0.23	82.9	7.4
MU-1	011300	1800	21.07	7.18	439	0.22	83.7	7.4
MU-1	011300	1815	21.12	7.17	429	0.22	84.2	7.5
MU-1	011300	1830	21.06	7.18	439	0.22	83.8	7.5
MU-1	011300	1845	21.02	7.18	433	0.22	83.5	7.4
MU-1	011300	1900	21.01	7.17	431	0.22	83.4	7.4
MU-1	011300	1915	21.03	7.17	431	0.22	83.3	7.4
MU-1	011300	1930	20.98	7.17	433	0.22	82.8	7.4
MU-1	011300	1945	20.99	7.17	434	0.22	82.6	7.4
MU-1	011300	2000	20.97	7.16	434	0.22	82.3	7.3
MU-1	011300	2015	20.96	7.16	435	0.22	82.0	7.3
MU-1	011300	2030	20.93	7.16	435	0.22	81.5	7.3
MU-1	011300	2045	20.90	7.15	435	0.22	81.0	7.2
MU-1	011300	2100	20.87	7.14	436	0.22	80.2	7.2
MU-1	011300	2115	20.84	7.13	436	0.22	79.4	7.1
MU-1	011300	2130	20.81	7.13	437	0.22	78.6	7.0
MU-1	011300	2145	20.79	7.12	437	0.22	77.9	7.0
MU-1	011300	2200	20.77	7.12	438	0.22	76.8	6.9
MU-1	011300	2215	20.70	7.12	438	0.22	76.7	6.9
MU-1	011300	2230	20.71	7.11	438	0.22	75.8	6.8
MU-1	011300	2245	20.70	7.11	438	0.22	75.1	6.7
MU-1	011300	2300	20.64	7.11	438	0.22	74.7	6.7
MU-1	011300	2315	20.44	7.11	438	0.22	74.5	6.7
MU-1	011300	2330	20.55	7.11	439	0.22	74.2	6.7
MU-1	011300	2345	20.62	7.11	439	0.22	74.3	6.7
MU-1	011400	0000	20.52	7.13	447	0.22	74.8	6.7
MU-1	011400	0015	20.49	7.15	454	0.23	75.2	6.8
MU-1	011400	0030	20.41	7.16	461	0.23	75.1	6.8
MU-1	011400	0045	20.50	7.15	448	0.23	76.3	6.9
MU-1	011400	0100	20.41	7.17	460	0.23	76.3	6.9
MU-1	011400	0115	20.48	7.17	448	0.23	78.1	7.0
MU-1	011400	0130	20.51	7.18	447	0.22	79.0	7.1

Hydrolab Minisonde Continuous Deployment at Station MU-1
January 12-14, 2000
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-1	011400	0145	20.36	7.21	461	0.23	78.3	7.1
MU-1	011400	0200	20.25	7.22	475	0.24	77.6	7.0
MU-1	011400	0215	20.37	7.19	449	0.23	78.9	7.1
MU-1	011400	0230	20.21	7.21	465	0.23	77.7	7.0
MU-1	011400	0245	20.28	7.19	452	0.23	78.2	7.1
MU-1	011400	0300	20.29	7.19	446	0.22	78.1	7.0
MU-1	011400	0315	20.35	7.15	430	0.22	78.6	7.1
MU-1	011400	0330	20.29	7.15	433	0.22	77.8	7.0
MU-1	011400	0345	20.28	7.14	429	0.22	77.3	7.0
MU-1	011400	0400	20.21	7.13	430	0.22	76.7	6.9
MU-1	011400	0415	20.10	7.16	446	0.22	75.6	6.9
MU-1	011400	0430	20.12	7.12	428	0.21	75.9	6.9
MU-1	011400	0445	20.08	7.12	427	0.21	75.5	6.8
MU-1	011400	0500	19.93	7.13	441	0.22	74.6	6.8
MU-1	011400	0515	19.83	7.18	459	0.23	73.6	6.7
MU-1	011400	0530	19.90	7.12	432	0.22	74.5	6.8
MU-1	011400	0545	19.81	7.13	440	0.22	74.0	6.7
MU-1	011400	0600	19.82	7.11	431	0.22	74.4	6.8
MU-1	011400	0615	19.80	7.10	429	0.21	74.2	6.8
MU-1	011400	0630	19.72	7.12	440	0.22	73.9	6.8
MU-1	011400	0645	19.71	7.10	434	0.22	74.0	6.8
MU-1	011400	0700	19.67	7.10	434	0.22	74.0	6.8
MU-1	011400	0715	19.66	7.09	433	0.22	74.1	6.8
MU-1	011400	0730	19.62	7.09	435	0.22	74.2	6.8
MU-1	011400	0745	19.56	7.10	439	0.22	74.1	6.8
MU-1	011400	0800	19.54	7.09	436	0.22	74.3	6.8
MU-1	011400	0815	19.51	7.08	433	0.22	74.7	6.9
MU-1	011400	0830	19.48	7.08	432	0.22	75.0	6.9
MU-1	011400	0845	19.41	7.08	431	0.22	75.0	6.9
MU-1	011400	0900	19.36	7.08	430	0.22	75.3	6.9
MU-1	011400	0915	19.30	7.09	431	0.22	75.8	7.0
MU-1	011400	0930	19.25	7.09	431	0.22	76.0	7.0
MU-1	011400	0945	19.22	7.10	431	0.22	76.5	7.1
MU-1	011400	1000	19.20	7.10	432	0.22	76.6	7.1

Hydrolab Minisonde Continuous Deployment at Station MU-1
January 12-14, 2000
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(umhos)	(PSU)	(%)	(mg/l)
MU-1	011400	1015	19.22	7.09	433	0.22	76.7	7.1
MU-1	011400	1030	19.24	7.10	433	0.22	76.9	7.1
MU-1	011400	1045	19.20	7.10	434	0.22	77.7	7.2
MU-1	011400	1100	19.24	7.11	434	0.22	78.6	7.2
MU-1	011400	1115	19.26	7.12	435	0.22	79.3	7.3
MU-1	011400	1130	19.25	7.14	435	0.22	80.6	7.4
MU-1	011400	1145	19.31	7.14	432	0.22	81.5	7.5
MU-1	011400	1200	19.33	7.16	431	0.22	82.4	7.6
MU-1	011400	1215	19.37	7.17	429	0.22	83.7	7.7
MU-1	011400	1230	19.44	7.18	428	0.21	84.4	7.8
MU-1	011400	1245	19.47	7.20	428	0.21	85.1	7.8
MU-1	011400	1300	19.52	7.20	426	0.21	85.8	7.9
MU-1	011400	1315	19.58	7.21	426	0.21	86.4	7.9
MU-1	011400	1330	19.60	7.22	429	0.21	86.7	7.9
MU-1	011400	1345	19.64	7.23	429	0.21	87.3	8.0
MU-1	011400	1400	19.69	7.23	428	0.21	87.2	8.0

Hydrolab Minisonde Continuous Deployment at Station 10-4
January 27-28, 2000
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
10-4	012700	1230	12.59	8.03	55.5	37.0	95.2	8.0
10-4	012700	1245	12.71	8.06	55.7	37.1	95.4	8.0
10-4	012700	1300	12.88	8.08	55.7	37.1	95.7	8.0
10-4	012700	1315	12.98	8.09	55.7	37.1	95.6	8.0
10-4	012700	1330	13.16	8.13	55.7	37.1	95.6	8.0
10-4	012700	1345	13.24	8.13	55.7	37.1	97.0	8.1
10-4	012700	1400	13.34	8.13	55.7	37.1	96.9	8.0
10-4	012700	1415	13.52	8.13	55.7	37.1	96.8	8.0
10-4	012700	1430	13.56	8.12	55.7	37.1	97.1	8.0
10-4	012700	1445	13.68	8.12	55.6	37.1	97.8	8.1
10-4	012700	1500	13.82	8.12	55.6	37.0	98.9	8.1
10-4	012700	1515	13.84	8.12	55.5	37.0	99.1	8.1
10-4	012700	1530	13.88	8.12	55.4	36.9	99.4	8.2
10-4	012700	1545	13.94	8.11	55.4	36.9	99.5	8.2
10-4	012700	1600	13.96	8.11	55.4	36.9	99.5	8.2
10-4	012700	1615	13.99	8.12	55.4	36.9	99.7	8.2
10-4	012700	1630	14.01	8.11	55.3	36.9	99.6	8.2
10-4	012700	1645	14.04	8.11	55.3	36.8	99.5	8.1
10-4	012700	1700	14.04	8.11	55.3	36.8	99.8	8.2
10-4	012700	1715	14.06	8.11	55.3	36.8	99.9	8.2
10-4	012700	1730	14.05	8.11	55.3	36.8	99.4	8.1
10-4	012700	1745	14.04	8.11	55.3	36.8	99.4	8.1
10-4	012700	1800	14.01	8.11	55.3	36.8	98.7	8.1
10-4	012700	1815	13.95	8.12	55.4	36.9	100.1	8.2
10-4	012700	1830	13.87	8.12	55.5	37.0	99.9	8.2
10-4	012700	1845	13.87	8.12	55.5	37.0	99.0	8.1
10-4	012700	1900	13.85	8.12	55.5	36.9	98.7	8.1
10-4	012700	1915	13.77	8.11	55.6	37.1	95.7	7.9
10-4	012700	1930	13.37	8.13	55.7	37.1	97.7	8.1
10-4	012700	1945	13.27	8.13	55.7	37.2	96.6	8.0
10-4	012700	2000	13.38	8.12	55.7	37.2	96.0	8.0
10-4	012700	2015	13.37	8.13	55.8	37.2	96.7	8.0
10-4	012700	2030	13.28	8.13	55.8	37.2	96.2	8.0

Hydrolab Minisonde Continuous Deployment at Station 10-4
January 27-28, 2000
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
10-4	012700	2045	13.19	8.13	55.8	37.2	96.0	8.0
10-4	012700	2100	13.24	8.14	55.8	37.2	96.3	8.0
10-4	012700	2115	13.26	8.13	55.8	37.2	95.8	8.0
10-4	012700	2130	13.19	8.14	55.8	37.2	95.8	8.0
10-4	012700	2145	13.24	8.14	55.8	37.2	95.6	7.9
10-4	012700	2200	13.22	8.13	55.8	37.2	94.0	7.8
10-4	012700	2215	13.32	8.13	55.8	37.2	94.3	7.8
10-4	012700	2230	13.30	8.13	55.8	37.2	94.9	7.9
10-4	012700	2245	13.29	8.14	55.8	37.2	95.5	7.9
10-4	012700	2300	13.26	8.13	55.8	37.2	94.6	7.9
10-4	012700	2315	13.22	8.13	55.8	37.2	93.2	7.7
10-4	012700	2330	13.22	8.12	55.8	37.2	92.0	7.6
10-4	012700	2345	13.21	8.13	55.8	37.2	94.6	7.9
10-4	012800	0000	13.20	8.11	55.8	37.2	89.6	7.4
10-4	012800	0015	13.18	8.13	55.8	37.2	94.9	7.9
10-4	012800	0030	13.17	8.13	55.8	37.2	93.1	7.7
10-4	012800	0045	13.15	8.14	55.8	37.2	95.2	7.9
10-4	012800	0100	13.14	8.13	55.8	37.2	94.4	7.9
10-4	012800	0115	13.13	8.13	55.8	37.2	94.5	7.9
10-4	012800	0130	13.07	8.13	55.8	37.2	94.1	7.8
10-4	012800	0145	13.03	8.13	55.8	37.2	93.2	7.8
10-4	012800	0200	13.05	8.13	55.8	37.2	94.4	7.9
10-4	012800	0215	13.10	8.13	55.8	37.2	93.9	7.8
10-4	012800	0230	13.12	8.13	55.8	37.2	93.7	7.8
10-4	012800	0245	13.09	8.13	55.8	37.2	93.3	7.8
10-4	012800	0300	13.08	8.13	55.8	37.2	93.1	7.8
10-4	012800	0315	13.05	8.12	55.8	37.2	92.5	7.7
10-4	012800	0330	13.02	8.12	55.8	37.2	91.5	7.6
10-4	012800	0345	13.01	8.11	55.8	37.2	91.3	7.6
10-4	012800	0400	13.03	8.11	55.8	37.2	91.4	7.6
10-4	012800	0415	13.05	8.11	55.8	37.2	91.5	7.6
10-4	012800	0430	13.01	8.11	55.7	37.2	91.2	7.6
10-4	012800	0445	13.02	8.10	55.7	37.1	91.1	7.6

Hydrolab Minisonde Continuous Deployment at Station 10-4
January 27-28, 2000
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
10-4	012800	0500	13.03	8.10	55.6	37.1	91.2	7.6
10-4	012800	0515	13.02	8.10	55.6	37.0	91.0	7.6
10-4	012800	0530	13.01	8.09	55.5	37.0	90.7	7.6
10-4	012800	0545	13.05	8.09	55.5	37.0	90.7	7.6
10-4	012800	0600	13.06	8.09	55.5	37.0	90.6	7.6
10-4	012800	0615	13.07	8.09	55.5	37.0	90.7	7.6
10-4	012800	0630	13.08	8.09	55.5	37.0	90.7	7.6
10-4	012800	0645	13.02	8.09	55.6	37.1	88.4	7.4
10-4	012800	0700	12.98	8.08	55.7	37.1	87.4	7.3
10-4	012800	0715	12.89	8.09	55.7	37.1	87.4	7.3
10-4	012800	0730	12.88	8.09	55.7	37.1	88.1	7.4
10-4	012800	0745	12.92	8.09	55.7	37.1	88.8	7.4
10-4	012800	0800	12.93	8.09	55.8	37.2	88.2	7.4
10-4	012800	0815	12.80	8.11	55.8	37.2	89.3	7.5
10-4	012800	0830	12.77	8.12	55.9	37.3	89.6	7.5
10-4	012800	0845	12.75	8.10	55.9	37.3	88.0	7.4
10-4	012800	0900	12.66	8.10	55.9	37.3	88.3	7.4
10-4	012800	0915	12.60	8.11	55.9	37.3	88.9	7.5
10-4	012800	0930	12.52	8.11	55.9	37.3	88.5	7.5
10-4	012800	0945	12.48	8.10	55.8	37.2	87.9	7.4
10-4	012800	1000	12.42	8.10	55.8	37.2	87.8	7.4
10-4	012800	1015	12.43	8.11	55.8	37.2	88.9	7.5
10-4	012800	1030	12.43	8.12	55.9	37.3	89.3	7.5
10-4	012800	1045	12.51	8.11	55.8	37.2	89.3	7.5
10-4	012800	1100	12.49	8.12	55.8	37.2	89.3	7.5
10-4	012800	1115	12.52	8.11	55.9	37.2	89.7	7.6
10-4	012800	1130	12.64	8.11	55.8	37.2	89.5	7.5
10-4	012800	1145	12.60	8.11	55.9	37.2	89.9	7.6
10-4	012800	1200	12.66	8.11	55.8	37.2	90.0	7.6
10-4	012800	1215	12.80	8.11	55.9	37.2	90.7	7.6
10-4	012800	1230	12.95	8.11	55.9	37.2	91.1	7.6
10-4	012800	1245	13.10	8.11	55.8	37.2	91.3	7.6
10-4	012800	1300	13.18	8.10	55.8	37.2	91.6	7.6

Hydrolab Minisonde Continuous Deployment at Station 10-4

January 27-28, 2000

Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
10-4	012800	1315	13.23	8.09	55.8	37.2	92.2	7.7
10-4	012800	1330	13.31	8.09	55.7	37.1	91.6	7.6
10-4	012800	1345	13.45	8.08	55.7	37.1	92.6	7.7
10-4	012800	1400	13.62	8.08	55.6	37.0	93.2	7.7
10-4	012800	1415	13.82	8.07	55.5	37.0	93.5	7.7
10-4	012800	1430	13.86	8.07	55.5	37.0	93.6	7.7
10-4	012800	1445	13.95	8.07	55.4	36.9	94.1	7.7

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
10-1	021600	0646	0.2	35.8	54.02	18.44	8.21	7.18	95.3
10-1	021600	0646	1.0	35.8	54.04	18.45	8.21	7.20	95.6
10-1	021600	0647	2.4	35.9	54.17	18.44	8.21	7.31	97.0
10-1	021600	1303	0.2	34.5	52.34	19.27	8.14	7.76	104.0
10-1	021600	1304	1.0	34.6	52.36	18.67	8.15	7.90	106.2
10-1	021600	1304	3.0	34.6	52.45	18.42	8.16	8.08	106.2
10-2	021600	0624	0.2	35.7	53.98	18.06	8.19	7.20	95.5
10-2	021600	0624	0.5	35.8	53.97	18.07	8.19	7.31	96.6
10-2	021600	0624	0.7	35.8	53.96	18.07	8.19	7.32	96.3
10-2	021600	1330	0.2	34.7	52.64	18.71	8.12	7.98	106.2
10-2	021600	1331	0.7	34.8	52.72	18.66	8.13	8.04	106.7
10-2	021600	1331	1.1	34.8	52.69	18.43	8.14	8.10	107.1
10-3	021600	0613	0.2	35.5	53.63	18.13	8.12	7.20	94.8
10-3	021600	0614	1.0	35.6	53.71	18.15	8.16	7.33	96.6
10-3	021600	0615	3.9	35.6	53.81	18.15	8.19	7.32	97.2
10-3	021600	1352	0.2	34.7	52.48	18.77	8.13	7.93	105.2
10-3	021600	1352	1.0	34.8	52.63	18.65	8.14	8.14	107.9
10-3	021600	1353	2.7	34.9	52.81	18.45	8.15	8.17	108.3
10-4	021600	0733	0.2	35.8	54.03	18.23	8.13	7.15	93.5
10-4	021600	0734	0.7	35.8	53.99	18.25	8.13	7.13	94.2
10-4	021600	0736	1.2	36.0	54.24	18.19	8.14	7.18	94.9
10-4	021600	1052	0.2	34.3	52.09	17.18	8.08	7.43	95.5
10-4	021600	1053	1.0	34.5	52.33	17.15	8.10	7.45	95.7
10-4	021600	1054	3.5	34.6	52.47	17.06	8.12	7.58	97.2
10-5	021600	0745	0.2	35.8	54.01	18.38	8.13	7.15	95.0
10-5	021600	0745	1.0	35.8	54.00	18.39	8.13	7.33	96.9
10-5	021600	0746	2.3	35.8	53.98	18.40	8.13	7.26	96.3
10-5	021600	1112	0.2	34.3	52.05	17.81	8.11	7.70	100.2
10-5	021600	1112	1.0	34.6	52.44	17.75	8.13	7.86	105.4
10-5	021600	1113	2.4	34.7	52.56	17.30	8.13	8.11	104.0

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
11-1	021600	0639	0.2	35.7	53.94	18.56	8.19	7.21	95.8
11-1	021600	0640	1.0	35.7	53.93	18.56	8.19	7.27	96.8
11-1	021600	0640	2.6	35.7	53.94	18.59	8.19	7.32	97.6
11-1	021600	1246	0.2	34.3	51.96	19.38	8.11	7.82	104.9
11-1	021600	1247	1.0	34.4	52.07	18.99	8.13	8.16	108.0
11-1	021600	1248	3.1	34.4	52.18	18.81	8.16	8.47	112.4
11-2	021600	0631	0.2	35.6	53.77	18.53	8.18	7.23	96.1
11-2	021600	0632	1.0	35.7	53.82	18.57	8.18	7.34	97.7
11-2	021600	0632	2.5	35.6	53.80	18.58	8.18	7.48	99.5
11-2	021600	1228	0.2	34.1	51.77	19.53	8.09	7.60	102.0
11-2	021600	1228	1.0	34.2	51.88	18.98	8.10	7.90	104.5
11-2	021600	1229	3.3	34.3	51.97	18.79	8.11	7.99	105.9
11-3	021600	0655	0.2	35.7	53.90	18.55	8.13	6.80	90.4
11-3	021600	0655	1.0	35.7	53.89	18.56	8.13	6.85	91.2
11-3	021600	0656	1.7	35.7	53.89	18.56	8.13	6.98	92.8
11-3	021600	1208	0.2	34.4	52.18	19.47	8.10	7.53	101.3
11-3	021600	1209	1.0	34.4	52.17	19.25	8.11	7.69	102.9
11-3	021600	1210	2.6	34.4	52.18	18.80	8.13	7.93	105.2
11-4	021600	0706	0.2	34.9	52.76	18.90	8.12	6.87	91.5
11-4	021600	0706	0.7	35.5	53.59	18.58	8.12	6.97	92.7
11-4	021600	0707	1.1	35.7	53.85	18.44	8.13	6.87	90.6
11-4	021600	1152	0.2	34.5	52.22	17.85	8.10	7.51	97.7
11-4	021600	1152	0.8	34.6	52.36	17.86	8.11	7.60	99.1
11-4	021600	1153	1.3	34.6	52.42	17.84	8.12	7.72	100.7
11-5	021600	0718	0.2	33.9	51.46	19.59	8.09	6.90	92.6
11-5	021600	0719	1.0	33.8	51.40	19.62	8.08	6.71	89.9
11-5	021600	0719	1.9	36.1	54.43	17.86	8.11	6.97	91.2
11-5	021600	1135	0.2	33.0	50.17	19.82	8.07	6.92	92.7
11-5	021600	1135	1.0	33.8	51.30	18.97	8.09	7.19	95.4
11-5	021600	1136	2.3	34.4	52.11	18.18	8.12	7.57	99.2

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
13-1	021600	0609	0.2	33.6	51.12	19.18	7.70	6.48	86.5
13-1	021600	0609	0.7	34.1	51.72	18.97	7.72	6.55	86.6
13-1	021600	0609	1.1	34.8	52.67	18.51	7.72	6.45	85.3
13-1	021600	1403	0.2	35.3	53.36	21.16	7.96	10.34	144.7
13-1	021600	1404	0.6	35.6	53.75	20.43	7.91	8.82	121.9
13-1	021600	1404	0.9	35.9	54.17	19.92	7.85	8.38	114.6
13-2	021600	0618	0.2	33.6	51.13	19.44	7.80	6.41	85.7
13-2	021600	0619	0.6	33.7	51.14	19.46	7.80	6.42	85.9
13-2	021600	0619	1.0	34.0	51.57	19.47	7.78	6.18	82.8
13-2	021600	1344	0.2	34.7	52.49	20.31	7.80	7.53	102.9
13-2	021600	1344	0.8	35.0	52.96	19.88	7.81	7.81	105.0
13-2	021600	1345	1.4	35.5	53.60	19.40	7.82	8.11	109.5
13-3	021600	0627	0.2	34.1	51.70	19.53	7.84	6.54	87.9
13-3	021600	0629	0.5	34.1	51.77	19.45	7.82	6.84	89.2
13-3	021600	0630	0.7	34.2	51.81	19.30	7.79	6.04	80.7
13-3	021600	1322	0.2	33.9	51.46	21.28	7.85	8.00	111.0
13-3	021600	1323	0.7	34.0	51.65	21.33	7.84	8.12	111.8
13-3	021600	1324	1.1	34.2	51.86	20.92	7.81	7.98	110.1
13-4	021600	0639	0.2	33.6	51.18	18.95	7.69	5.19	68.6
13-4	021600	0640	0.6	34.1	51.73	19.54	7.68	4.87	63.8
13-4	021600	0640	0.9	34.1	51.66	19.46	7.69	4.56	61.0
13-4	021600	1246	0.2	33.3	50.62	20.98	7.70	6.21	85.4
13-4	021600	1246	0.7	33.8	51.28	20.03	7.66	5.80	78.5
13-4	021600	1247	1.2	34.0	51.58	19.78	7.66	5.66	76.3
13-5	021600	0648	0.2	34.0	51.56	19.31	7.88	6.76	90.3
13-5	021600	0648	0.9	34.3	51.92	19.56	7.88	6.85	91.8
13-5	021600	0648	1.5	34.3	51.94	19.57	7.88	6.92	93.0
13-5	021600	1211	0.2	33.5	50.94	19.79	7.74	6.43	86.4
13-5	021600	1212	1.0	33.7	51.20	19.83	7.76	6.53	88.0
13-5	021600	1212	1.8	34.3	52.01	20.02	7.81	7.20	97.7

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
14-1	021600	0653	0.2	34.6	52.47	19.58	7.89	6.66	89.8
14-1	021600	0653	0.9	34.7	52.48	19.59	7.89	6.68	90.1
14-1	021600	0654	1.5	34.7	52.48	19.59	7.89	6.75	91.1
14-1	021600	1154	0.2	34.3	52.06	19.97	7.80	6.78	92.1
14-1	021600	1155	1.0	34.4	52.15	19.86	7.80	6.98	94.5
14-1	021600	1156	1.7	34.5	52.36	19.83	7.82	7.25	98.1
14-2	021600	0658	0.2	34.8	52.67	19.54	7.91	6.68	89.9
14-2	021600	0658	0.6	34.8	52.67	19.54	7.91	6.68	90.1
14-2	021600	0659	1.0	34.8	52.66	19.56	7.91	6.56	88.6
14-2	021600	1134	0.2	34.9	52.81	20.12	7.86	7.42	101.3
14-2	021600	1135	0.7	34.9	52.86	20.07	7.86	7.56	102.6
14-2	021600	1135	1.1	34.9	52.84	20.06	7.86	7.61	103.8
14-3	021600	0707	0.2	34.3	51.99	19.44	7.84	6.10	82.3
14-3	021600	0708	0.7	34.5	52.34	19.64	7.86	6.42	86.9
14-3	021600	0708	1.1	34.7	52.58	19.75	7.87	6.54	88.5
14-3	021600	1117	0.2	35.0	52.95	20.00	7.75	6.55	89.1
14-3	021600	1118	0.9	35.2	53.24	19.67	7.75	6.59	89.3
14-3	021600	1118	1.5	35.2	53.27	19.56	7.75	6.74	91.2
14-4	021600	0717	0.2	35.9	54.14	18.98	7.87	6.65	89.3
14-4	021600	0718	0.5	35.9	54.18	18.98	7.87	6.64	88.8
14-4	021600	0719	0.7	35.9	54.16	18.98	7.87	6.61	88.6
14-4	021600	1101	0.2	35.8	54.07	19.22	7.79	7.04	95.0
14-4	021600	1102	0.5	35.8	54.07	19.21	7.79	7.10	95.4
14-4	021600	1102	0.8	35.8	54.08	19.22	7.79	7.09	95.7
14-5	021600	0725	0.2	35.9	54.20	18.67	7.86	6.44	86.0
14-5	021600	0726	0.5	35.9	54.24	18.68	7.86	6.46	86.3
14-5	021600	0726	0.7	35.9	54.23	18.72	7.86	6.44	85.9
14-5	021600	1042	0.2	35.5	53.58	19.10	7.82	6.82	91.4
14-5	021600	1043	0.5	35.6	53.76	19.12	7.81	6.82	92.1
14-5	021600	1043	0.8	35.7	53.95	19.08	7.80	6.88	92.5

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
16-1	021500	0603	0.2	35.2	53.31	18.54	7.67	6.72	89.3
16-1	021500	0603	0.4	35.3	53.38	18.54	7.68	6.75	89.8
16-1	021500	0604	0.6	35.3	53.44	18.54	7.69	6.74	89.3
16-1	021500	1408	0.2	36.8	55.43	20.49	7.83	7.99	111.2
16-1	021500	1408	0.4	36.8	55.41	20.47	7.81	7.77	108.4
16-1	021500	1409	0.6	36.8	55.43	20.47	7.81	7.77	109.6
16-2	021500	0616	0.3	36.0	54.34	18.04	7.67	5.22	68.8
16-2	021500	1343	0.2	36.3	54.72	22.24	7.97	10.09	143.9
16-2	021500	1344	0.5	36.3	54.73	22.15	7.94	10.17	145.3
16-2	021500	1345	0.7	36.3	54.63	21.44	7.99	11.35	159.9
16-3	021500	0622	0.2	36.0	54.28	18.57	7.78	6.30	84.2
16-3	021500	0623	0.8	36.0	54.33	18.56	7.78	6.34	84.7
16-3	021500	0623	1.4	36.1	54.44	18.53	7.78	6.30	84.0
16-3	021500	1326	0.2	36.5	54.96	19.57	7.78	7.05	95.8
16-3	021500	1327	0.9	36.5	54.99	19.44	7.77	7.15	97.2
16-3	021500	1328	1.6	36.6	55.04	19.29	7.78	7.24	98.1
16-4	021500	0630	0.2	36.2	54.60	18.45	7.80	6.42	85.5
16-4	021500	0630	0.7	36.4	54.85	18.22	7.79	6.30	83.3
16-4	021500	0631	1.1	36.4	54.87	18.20	7.79	6.23	82.6
16-4	021500	1313	0.2	36.7	55.28	19.77	7.84	8.11	111.2
16-4	021500	1313	0.6	36.9	55.43	19.07	7.81	7.97	107.9
16-4	021500	1314	0.9	37.0	55.70	18.18	7.81	7.97	106.2
16-5	021500	0639	0.2	36.4	54.86	18.38	7.81	6.30	83.9
16-5	021500	0640	0.7	36.4	54.88	18.37	7.82	6.31	84.0
16-5	021500	0640	1.2	36.4	54.89	18.38	7.81	6.36	83.8
16-5	021500	1251	0.2	36.9	55.68	18.52	7.81	7.87	105.4
16-5	021500	1252	0.9	37.2	55.95	17.90	7.81	8.13	107.8
16-5	021500	1252	1.6	37.1	55.81	18.07	7.81	8.13	108.1

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	021500	0717	0.2	33.0	50.19	19.33	7.89	4.76	63.5
LB-1	021500	1202	0.2	33.1	50.40	20.64	7.88	7.52	102.6
LB-2	021500	0729	0.3	33.6	50.98	19.33	7.98	6.10	81.1
LB-2	021500	1142	0.3	33.3	50.60	20.56	7.94	8.14	110.7
LB-3	021500	0737	0.2	32.9	50.17	19.45	7.94	5.95	79.5
LB-3	021500	0737	0.5	33.4	50.82	19.36	7.96	5.72	75.4
LB-3	021500	0738	0.7	33.7	51.15	19.20	7.97	5.29	70.1
LB-3	021500	1124	0.2	33.8	51.27	20.04	7.94	7.19	97.4
LB-3	021500	1125	0.5	33.8	51.27	20.03	7.94	7.23	97.9
LB-3	021500	1126	0.8	33.7	51.25	20.03	7.94	7.32	99.0
LB-4	021500	0748	0.2	34.4	52.14	19.32	8.05	5.62	75.3
LB-4	021500	0749	0.6	34.4	52.17	19.32	8.05	5.61	75.2
LB-4	021500	0749	1.0	34.4	52.22	19.34	8.04	5.56	74.6
LB-4	021500	1103	0.2	34.3	52.00	19.77	7.98	6.95	93.9
LB-4	021500	1104	0.7	34.3	52.03	19.76	7.97	6.93	93.6
LB-4	021500	1104	1.1	34.3	52.03	19.77	7.97	6.96	93.5
LB-5	021500	0758	0.2	34.9	52.84	19.34	7.95	4.61	61.4
LB-5	021500	0758	0.8	34.9	52.82	19.27	7.93	4.30	57.1
LB-5	021500	0759	1.3	34.9	52.89	19.29	7.94	4.27	57.3
LB-5	021500	1039	0.2	34.3	51.98	19.69	7.94	6.57	89.1
LB-5	021500	1039	0.8	34.4	52.09	19.68	7.94	6.66	89.8
LB-5	021500	1040	1.4	34.5	52.22	19.66	7.95	6.78	91.5

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
ML-1	021500	0732	0.3	1.71	3.15	20.29	7.28	7.37	82.4
ML-1	021500	1215	0.2	2.24	4.10	22.15	7.57	7.90	92.0
ML-1	021500	1216	0.7	2.22	4.07	21.78	7.54	7.76	89.7
ML-1	021500	1216	1.2	2.20	4.03	21.70	7.52	7.71	88.9
ML-2	021500	0748	0.2	5.99	10.56	20.06	7.27	6.53	74.8
ML-2	021500	1154	0.2	5.64	9.94	21.22	7.58	7.43	86.9
ML-2	021500	1155	0.4	5.65	9.99	21.22	7.58	7.41	86.5
ML-2	021500	1155	0.5	5.65	10.00	21.22	7.58	7.42	86.7
ML-3	021500	0752	0.3	7.73	13.42	20.46	7.31	6.50	75.7
ML-3	021500	1141	0.2	5.38	9.54	21.32	7.58	7.42	86.6
ML-3	021500	1142	0.4	5.38	9.53	21.33	7.58	7.40	86.8
ML-3	021500	1142	0.6	9.71	16.59	21.61	7.45	7.52	90.4
ML-4	021500	0803	0.2	5.95	10.49	20.66	7.47	7.02	81.2
ML-4	021500	0804	0.7	5.96	10.50	20.67	7.47	7.11	82.7
ML-4	021500	0804	1.2	5.99	10.55	20.67	7.47	7.22	83.7
ML-4	021500	1118	0.2	7.49	13.01	21.29	7.57	7.32	86.5
ML-4	021500	1118	0.8	7.53	13.08	21.21	7.56	7.29	86.0
ML-4	021500	1119	1.3	7.54	13.10	21.17	7.57	7.28	86.0
ML-5	021500	0814	0.2	7.56	13.13	20.74	7.49	7.12	83.3
ML-5	021500	1056	0.2	9.96	16.99	21.69	7.36	7.57	91.7
ML-5	021500	1056	0.4	10.0	17.08	21.70	7.47	7.52	91.2
ML-5	021500	1057	0.6	9.98	17.02	21.70	7.52	7.60	92.0

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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
MU-1	021500	0629	0.2	0.25	0.50	18.95	6.13	7.44	80.2
MU-1	021500	0629	1.0	0.24	0.48	18.96	6.52	7.42	80.0
MU-1	021500	0630	2.1	0.23	0.46	18.96	6.72	7.51	80.8
MU-1	021500	1412	0.2	0.22	0.44	20.31	7.15	7.29	80.8
MU-1	021500	1413	1.0	0.22	0.45	20.34	7.13	7.28	80.8
MU-1	021500	1414	1.9	0.22	0.45	20.20	7.16	7.24	80.0
MU-2	021500	0636	0.2	0.22	0.45	18.95	6.90	7.50	80.8
MU-2	021500	0636	0.7	0.22	0.45	18.95	6.93	7.72	83.2
MU-2	021500	0637	1.1	0.22	0.45	18.95	6.96	7.62	82.2
MU-2	021500	1355	0.2	0.22	0.44	20.59	7.26	7.84	87.0
MU-2	021500	1355	0.5	0.22	0.44	20.03	7.17	7.64	84.2
MU-2	021500	1356	0.7	0.22	0.44	19.93	7.16	7.67	84.2
MU-3	021500	0658	0.2	0.23	0.47	19.25	7.15	7.57	82.2
MU-3	021500	0658	0.9	0.24	0.47	19.26	7.12	7.57	82.2
MU-3	021500	0659	1.5	0.24	0.47	19.27	7.13	7.55	81.9
MU-3	021500	1312	0.2	0.27	0.53	20.97	7.37	8.18	91.9
MU-3	021500	1313	0.7	0.27	0.53	20.91	7.35	8.30	93.0
MU-3	021500	1313	1.2	0.27	0.53	20.91	7.36	8.15	91.2
MU-4	021500	0704	0.2	0.29	0.57	19.51	7.24	7.96	86.8
MU-4	021500	0704	0.9	0.29	0.567	19.51	7.20	7.70	84.2
MU-4	021500	0705	1.6	0.29	0.57	19.52	7.20	7.61	83.1
MU-4	021500	1252	0.2	0.38	0.74	21.58	7.49	8.57	97.4
MU-4	021500	1253	0.5	0.42	0.81	21.70	7.45	8.60	98.1
MU-4	021500	1253	0.8	0.42	0.81	21.70	7.46	8.60	98.0
MU-5	021500	0720	0.2	0.90	1.70	20.07	7.21	7.26	80.1
MU-5	021500	0721	0.8	1.16	2.10	20.07	7.21	7.07	78.3
MU-5	021500	0721	1.3	1.16	1.97	20.09	7.23	7.08	78.7
MU-5	021500	1232	0.2	1.11	2.08	21.12	7.47	7.71	87.3
MU-5	021500	1232	0.8	1.21	2.16	21.05	7.44	7.69	86.9
MU-5	021500	1233	1.4	1.59	2.18	21.00	7.42	7.60	85.8

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	021600	0646	27.35361	-82.57389	27.35330	-82.57468	2.6			
10-1	021600	1303	27.35361	-82.57389	27.35352	-82.57415	3.2	2.0	000208	0.73
10-2	021600	0624	27.34111	-82.56667	27.34135	-82.56660	0.9			
10-2	021600	1330	27.34111	-82.56667	27.34143	-82.56595	1.3	>B	000200	0.78
10-3	021600	0613	27.33389	-82.58056	27.33380	-82.58040	4.1			
10-3	021600	1352	27.33389	-82.58056	27.33480	-82.58037	2.9	2.0	000207	0.50
10-4	021600	0733	27.31000	-82.56417	27.30942	-82.56450	1.4			
10-4	021600	1052	27.31000	-82.56417	27.31095	-82.56538	3.7	2.0	000203	0.63
10-5	021600	0745	27.30722	-82.55556	27.30780	-82.55585	2.5			
10-5	021600	1112	27.30722	-82.55556	27.30797	-82.55532	2.6	2.0	000204	0.65
11-1	021600	0639	27.36806	-82.56556	27.36802	-82.56578	2.8			
11-1	021600	1246	27.36806	-82.56556	27.36733	-82.56547	3.3	2.0	000202	0.49
11-2	021600	0631	27.34722	-82.55639	27.34765	-82.55672	2.7			
11-2	021600	1228	27.34722	-82.55639	27.34733	-82.55618	3.5	2.5	000210	0.56
11-3	021600	0655	27.33583	-82.55639	27.33642	-82.55710	1.9			
11-3	021600	1208	27.33583	-82.55639	27.33603	-82.55635	2.8	1.5	000205	0.64
11-4	021600	0706	27.32306	-82.54972	27.32365	-82.55030	1.3			
11-4	021600	1152	27.32306	-82.54972	27.32327	-82.54993	1.5	>B	000209	0.85
11-5	021600	0718	27.31250	-82.54194	27.31237	-82.54227	2.1			
11-5	021600	1135	27.31250	-82.54194	27.31275	-82.54233	2.5	2.0	000201	0.47
13-1	021600	0609	27.29444	-82.55083	27.29797	-82.54985	1.3			
13-1	021600	1403	27.29444	-82.55083	27.29495	-82.55115	1.1	>B	000220	0.62
13-2	021600	0618	27.28417	-82.54722	27.28483	-82.54707	1.2			
13-2	021600	1344	27.28417	-82.54722	27.28428	-82.54743	1.6	>B	000211	0.63
13-3	021600	0627	27.26222	-82.53667	27.26208	-82.53743	0.9			
13-3	021600	1322	27.26222	-82.53667	27.26292	-82.53637	1.3	>B	000218	0.71
13-4	021600	0639	27.25500	-82.53361	27.25537	-82.53312	1.1			
13-4	021600	1246	27.25500	-82.53361	27.25480	-82.53410	1.4	>B	000215	0.53
13-5	021600	0648	27.24806	-82.52472	27.24823	-82.52480	1.7			
13-5	021600	1211	27.24806	-82.52472	27.24818	-82.52473	2.0	>B	000219	0.81
14-1	021600	0653	27.23556	-82.51528	27.23593	-82.51515	1.7			
14-1	021600	1154	27.23556	-82.51528	27.23560	-82.51500	1.9	>B	000214	0.44
14-2	021600	0658	27.22556	-82.51472	27.22590	-82.51477	1.2			
14-2	021600	1134	27.22556	-82.51472	27.22562	-82.51493	1.3	=B	000217	0.78
14-3	021600	0707	27.21639	-82.50444	27.21655	-82.50435	1.3			
14-3	021600	1117	27.21639	-82.50444	27.21670	-82.50450	1.7	1.5	000216	0.94
14-4	021600	0717	27.19417	-82.50194	27.19467	-82.50158	0.9			
14-4	021600	1101	27.19417	-82.50194	27.19438	-82.50157	1.0	>B	000221	0.84
14-5	021600	0725	27.18583	-82.49917	27.18787	-82.49862	0.9			
14-5	021600	1042	27.18583	-82.49917	27.18687	-82.49905	1.0	>B	000212	0.60

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
16-1	021500	0603	27.16917	-82.49139	27.17257	-82.49108	0.8			
16-1	021500	1408	27.16917	-82.49139	27.16990	-82.49135	0.8	>B	000180	0.49
16-2	021500	0616	27.16028	-82.48667	27.16098	-82.48435	0.5			
16-2	021500	1343	27.16028	-82.48667	27.16063	-82.48577	0.9	>B	000183	0.68
16-3	021500	0622	27.15250	-82.48167	27.15340	-82.48020	1.6			
16-3	021500	1326	27.15250	-82.48167	27.15277	-82.48118	1.8	>B	000182	0.63
16-4	021500	0630	27.14389	-82.47167	27.14402	-82.47187	1.3			
16-4	021500	1313	27.14389	-82.47167	27.14370	-82.47178	1.1	>B	000184	0.63
16-5	021500	0639	27.13333	-82.46917	27.13333	-82.46900	1.4			
16-5	021500	1251	27.13333	-82.46917	27.13368	-82.46907	1.8	1.2	000181	0.63
LB-1	021500	0717	27.04333	-82.43417	27.04478	-82.43285	0.4			
LB-1	021500	1202	27.04333	-82.43417	27.04427	-82.43288	0.4	>B	000185	1.21
LB-2	021500	0729	27.02389	-82.41972	27.02395	-82.41965	0.6			
LB-2	021500	1142	27.02389	-82.41972	27.02385	-82.41972	0.5	>B	000178	1.16
LB-3	021500	0737	26.99167	-82.39833	26.99160	-82.39810	0.9			
LB-3	021500	1124	26.99167	-82.39833	26.99157	-82.39838	1.0	0.9	000186	0.92
LB-4	021500	0748	26.96972	-82.38611	26.96928	-82.38610	1.2			
LB-4	021500	1103	26.96972	-82.38611	26.96952	-82.38628	1.3	0.9	000188	1.11
LB-5	021500	0758	26.96083	-82.37444	26.96072	-82.37473	1.5			
LB-5	021500	1039	26.96083	-82.37444	26.96062	-82.37425	1.6	0.9	000179	1.02
ML-1	021500	0732	27.04028	-82.28778	27.04047	-82.28770	0.6			
ML-1	021500	1215	27.04028	-82.28778	27.04070	-82.28743	1.4	>B	000196	2.30
ML-2	021500	0748	27.03111	-82.27389	27.03058	-82.27315	0.4			
ML-2	021500	1154	27.03111	-82.27389	27.03013	-82.27322	0.7	>B	000194	1.82
ML-3	021500	0752	27.03167	-82.27333	27.03123	-82.27322	0.6			
ML-3	021500	1141	27.03167	-82.27333	27.03095	-82.27287	0.8	>B	000195	2.58
ML-4	021500	0803	27.01556	-82.27222	27.01503	-82.27115	1.4			
ML-4	021500	1118	27.01556	-82.27222	27.01572	-82.27155	1.5	1.0	000191	2.10
ML-5	021500	0814	27.00472	-82.26306	27.00363	-82.25823	0.3			
ML-5	021500	1056	27.00472	-82.26306	27.00462	-82.26017	0.8	>B	000190	2.25
MU-1	021500	0629	27.09250	-82.32861	27.09352	-82.32710	2.3			
MU-1	021500	1412	27.09250	-82.32861	27.09300	-82.32727	2.1	1.0	000189	1.81
MU-2	021500	0636	27.08806	-82.32611	27.08868	-82.32768	1.3			
MU-2	021500	1355	27.08806	-82.32611	27.08917	-82.32698	0.9	>B	000197	1.88
MU-3	021500	0658	27.06694	-82.31278	27.06767	-82.31370	1.7			
MU-3	021500	1312	27.06694	-82.31278	27.06637	-82.31427	1.4	>B	000199	2.08
MU-4	021500	0704	27.06056	-82.30889	27.06177	-82.30715	1.8			
MU-4	021500	1252	27.06056	-82.30889	27.06168	-82.30813	1.0	00.	000193	2.45
MU-5	021500	0720	27.04583	-82.29417	27.04607	-82.29373	1.5			
MU-5	021500	1232	27.04583	-82.29417	27.04608	-82.29372	1.6	>B	000198	2.05

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH ₄ -N Diss (mg/l)	NO ₂₃ -N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO ₄ -P Diss (mg/l)	Total P (mg/l)	BOD ₅ (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	1.0M	1302	000208	2/16/2000	0.013	U0.005	U0.005	0.23	0.23	0.005	0.12	0.9	15	3.2	9	8.04	1.1	1.5	34.5
10-2	MID	1330	000200	2/16/2000	0.012	U0.005	U0.005	0.21	0.21	0.005	0.11	0.6	24	3.0	8	8.04	0.8	0.7	34.7
10-2 REP	MID	1338	000206	2/16/2000	0.011	U0.005	U0.005	0.28	0.28	0.005	0.13	0.7	24	2.7	8	8.05	1.1	U0.5	NA
10-3	1.0M	1351	000207	2/16/2000	0.011	U0.005	U0.005	0.26	0.26	U0.005	0.11	0.7	20	3.1	8	8.05	1.0	U0.5	34.7
10-4	1.0M	1052	000203	2/16/2000	0.014	U0.005	U0.005	0.28	0.28	0.007	0.11	0.5	24	4.1	10	8.02	1.6	U0.5	34.3
10-5	1.0M	1111	000204	2/16/2000	0.012	U0.005	U0.005	0.24	0.24	0.007	0.10	U0.5	23	4.3	8	8.03	1.5	U0.5	34.3
11-1	1.0M	1245	000202	2/16/2000	0.010	U0.005	U0.005	0.35	0.35	0.006	0.14	0.9	16	3.1	10	8.03	1.3	0.7	34.3
11-2	1.0M	1227	000210	2/16/2000	0.015	U0.005	U0.005	0.25	0.25	0.008	0.14	0.7	22	3.3	10	8.00	1.6	1.0	34.1
11-3	1.0M	1207	000205	2/16/2000	0.011	U0.005	U0.005	0.30	0.30	0.006	0.13	0.8	10	4.5	8	8.02	2.0	1.0	34.4
11-4	MID	1151	000209	2/16/2000	0.013	U0.005	U0.005	0.27	0.27	0.007	0.12	0.7	21	5.3	10	8.04	2.1	0.8	34.5
11-5	1.0M	1134	000201	2/16/2000	0.025	0.006	U0.005	0.28	0.28	0.021	0.14	0.6	14	2.7	11	8.00	1.2	U0.5	33.0
13-1	MID	1403	000220	2/16/2000	0.028	0.005	U0.005	0.38	0.38	0.020	0.15	0.7	19	2.2	10	8.10	1.0	0.6	35.3
13-2	MID	1344	000211	2/16/2000	0.027	0.007	U0.005	0.34	0.34	0.027	0.14	0.9	15	3.2	11	8.01	1.7	U0.5	34.7
13-3	MID	1322	000218	2/16/2000	0.036	0.007	U0.005	0.39	0.39	0.034	0.16	0.9	15	3.2	11	7.96	1.0	0.9	33.9
13-4	MID	1246	000215	2/16/2000	0.048	0.014	0.010	0.50	0.51	0.037	0.15	0.7	17	2.7	13	7.92	1.8	0.7	33.3
13-5	MID	1211	000219	2/16/2000	0.044	0.009	0.006	0.37	0.38	0.038	0.15	1.0	19	3.1	10	7.94	1.9	0.8	33.5
14-1	MID	1153	000214	2/16/2000	0.027	0.006	U0.005	0.44	0.44	0.030	0.16	0.7	20	2.8	12	7.99	1.8	0.5	34.3
14-2	MID	1134	000217	2/16/2000	0.015	U0.005	U0.005	0.42	0.42	0.025	0.23	1.1	22	6.5	12	8.01	3.9	1.8	34.9
14-3	MID	1117	000216	2/16/2000	0.015	U0.005	U0.005	0.49	0.49	0.023	0.18	0.7	26	6.2	12	7.90	4.3	1.7	35.0
14-4	MID	1101	000221	2/16/2000	0.016	U0.005	U0.005	0.34	0.34	0.016	0.17	0.7	21	2.7	11	7.96	2.7	0.9	35.8
14-5	MID	1035	000212	2/16/2000	0.016	U0.005	U0.005	0.32	0.32	0.016	0.15	1.0	15	1.8	11	8.02	1.9	0.8	35.5
14-5 REP	MID	1040	000213	2/16/2000	0.009	U0.005	U0.005	0.31	0.31	0.016	0.13	1.0	22	1.8	12	7.98	2.2	0.7	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH ₄ -N Diss (mg/l)	NO ₂₃ -N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO ₄ -P Diss (mg/l)	Total P (mg/l)	BOD ₅ (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	MID	1408	000180	2/15/2000	0.012	U0.005	U0.005	0.36	0.36	0.013	0.14	0.7	16	2.0	8	7.99	1.2	U0.5	36.8
16-2	MID	1343	000183	2/15/2000	0.023	U0.005	U0.005	0.37	0.37	0.016	0.13	0.5	20	2.8	11	8.12	0.8	U0.5	36.3
16-3	MID	1329	000182	2/15/2000	0.021	U0.005	U0.005	0.34	0.34	0.013	0.10	0.6	18	2.9	9	7.95	1.3	U0.5	36.5
16-4	MID	1313	000184	2/15/2000	0.007	U0.005	U0.005	0.32	0.32	0.010	0.11	0.5	16	3.9	9	7.94	1.8	U0.5	36.7
16-5	MID	1251	000181	2/15/2000	0.006	U0.005	U0.005	0.31	0.31	0.008	0.12	U0.5	26	3.0	9	7.98	2.1	U0.5	36.9
LB-1	MID	1202	000185	2/15/2000	0.007	U0.005	U0.005	0.62	0.62	0.032	0.27	1.4	24	6.5	24	8.10	10.3	6.1	33.1
LB-2	MID	1142	000178	2/15/2000	0.010	U0.005	U0.005	0.66	0.66	0.028	0.31	1.6	42	6.7	35	8.06	13.4	2.8	33.3
LB-3	MID	1124	000186	2/15/2000	0.008	U0.005	U0.005	0.51	0.51	0.027	0.21	1.1	31	2.9	24	8.10	10.8	1.2	33.8
LB-4	MID	1103	000188	2/15/2000	U0.005	U0.005	U0.005	0.50	0.50	0.013	0.16	1.2	33	2.9	20	8.13	12.9	U0.5	34.3
LB-5	MID	1039	000179	2/15/2000	0.024	0.017	U0.005	0.61	0.61	0.009	0.17	1.7	24	4.2	20	8.13	11.9	0.7	34.3
LB-5 REP	MID	1050	000187	2/15/2000	0.007	U0.005	U0.005	0.52	0.52	0.009	0.15	1.1	27	4.5	8	8.04	12.8	U0.5	NA
ML-1	MID	1215	000196	2/15/2000	0.047	0.009	0.005	0.88	0.89	0.102	0.16	1.1	4	1.7	90	7.58	2.2	1.1	2.24
ML-2	MID	1153	000194	2/15/2000	0.026	0.005	U0.005	0.80	0.80	0.082	0.14	1.3	8	2.4	70	7.73	6.7	U0.5	5.64
ML-3	MID	1141	000195	2/15/2000	0.022	U0.005	U0.005	0.81	0.81	0.082	0.14	1.3	8	2.4	80	7.64	5.6	1.8	5.38
ML-4	MID	1117	000191	2/15/2000	0.043	0.006	U0.005	0.94	0.94	0.079	0.15	1.1	10	2.4	70	7.65	3.8	1.9	7.49
ML-5	MID	1055	000190	2/15/2000	0.089	0.007	U0.005	0.91	0.91	0.075	0.17	1.6	16	4.5	65	7.76	4.6	2.4	9.96
MU-1	1.0M	1412	000189	2/15/2000	0.037	0.024	0.021	0.87	0.89	0.107	0.16	0.9	3	4.3	95	7.34	1.5	0.6	0.22
MU-2	MID	1354	000197	2/15/2000	0.038	0.025	0.022	0.76	0.78	0.109	0.13	0.8	4	0.85	70	7.37	2.8	U0.5	0.22
MU-3	MID	1310	000199	2/15/2000	0.042	0.025	0.023	0.77	0.79	0.108	0.12	0.7	3	0.75	75	7.46	1.3	0.5	0.27
MU-3 REP	MID	1318	000192	2/15/2000	0.065	0.025	0.022	0.82	0.84	0.107	0.14	1.0	3	0.75	70	7.39	1.1	U0.5	NA
MU-4	MID	1251	000193	2/15/2000	0.030	0.021	0.018	0.84	0.86	0.108	0.14	1.2	3	0.95	75	7.48	2.6	U0.5	0.38
MU-5	MID	1230	000198	2/15/2000	0.040	0.016	0.012	0.85	0.86	0.107	0.15	0.8	5	1.8	90	7.16	1.9	1.5	1.11
EQP BLK		1505	000223	2/16/2000	0.007	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.80	U0.5	U0.5	NA
EQP BLK		1620	000222	2/16/2000	U0.005	U0.005	U0.005	0.10	0.10	U0.005	U0.05	U0.5	U2Q	U0.2	U1	5.81	U0.5	U0.5	NA

Q = Sample held beyond the accepted holdinf g time

Sarasota Bay / Myakka River Status and Trends Monitoring Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rainfall		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)
			Begin (EST)	End (EST)	No	Yes	Min (%)	Max				
021500	AM	16	0603	0639	0		80		19.6	0	<5 - 5	<0.5
021500	PM	16	1251	1408	0		0 - 20			30	5 - 10	<0.5 - 0.5
021500	AM	LB	0717	0758	0		80			0	<5 - 5	<0.5 - 0.5
021500	PM	LB	1039	1202	0		0 - 30		20.3	30	10	<0.5 - 1.0
021500	AM	ML	0732	0814	0		75			Calm	<5	<0.5
021500	PM	ML	1056	1215	0		Clear		21.9	45	5 - 10	<0.5
021500	AM	MU	0629	0720	0		75		18.0	Calm	<5	<0.5
021500	PM	MU	1232	1412	0		0 - 10			45	10	<0.5
021600	AM	10	0613	0745	0		10		15.8	30	5	<0.5
021600	PM	10	1052	1352	0		20 - 30		21.0	140	5	<0.5
021600	AM	11	0631	0718	0		10			30	5	<0.5
021600	PM	11	1135	1246	0		20			140	5	<0.5
021600	AM	13	0609	0648	0		Clear		18.4	60	5	<0.5
021600	PM	13	1211	1403	0		10 - 60			90 - 270	5 - 10	<0.5 - 0.5
021600	AM	14	0653	0725	0		Clear			60	5 - 10	<0.5 - 0.5
021600	PM	14	1042	1154	0		10 - 30		21.4	90	5	<0.5 - 0.5

Hydrolab DS3 Continuous Deployment at Station 11-5
February 15-16, 2000
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
11-5	021500	1515	18.24	7.81	54.2	35.9	107.0	8.1
11-5	021500	1530	18.24	7.84	54.2	35.9	107.2	8.1
11-5	021500	1545	18.29	7.86	54.2	35.9	108.3	8.2
11-5	021500	1600	18.29	7.87	54.1	35.8	110.2	8.3
11-5	021500	1615	18.35	7.87	54.1	35.8	108.8	8.2
11-5	021500	1630	18.35	7.87	54.1	35.8	110.9	8.4
11-5	021500	1645	18.33	7.88	54.1	35.8	109.0	8.2
11-5	021500	1700	18.29	7.88	54.2	35.9	110.1	8.3
11-5	021500	1715	18.29	7.88	54.2	35.9	112.2	8.5
11-5	021500	1730	18.31	7.88	54.2	35.9	111.1	8.4
11-5	021500	1745	18.31	7.89	54.1	35.8	109.6	8.3
11-5	021500	1800	18.28	7.89	54.2	35.9	109.6	8.3
11-5	021500	1815	18.35	7.89	54.1	35.8	109.0	8.2
11-5	021500	1830	18.31	7.89	54.1	35.8	110.3	8.3
11-5	021500	1845	18.28	7.89	54.2	35.9	110.8	8.4
11-5	021500	1900	18.12	7.88	54.2	35.9	107.8	8.2
11-5	021500	1915	18.14	7.88	54.3	36.0	107.4	8.1
11-5	021500	1930	18.19	7.88	54.3	36.0	106.3	8.0
11-5	021500	1945	18.24	7.88	54.4	36.0	106.0	8.0
11-5	021500	2000	18.03	7.87	54.5	36.1	105.2	8.0
11-5	021500	2015	17.94	7.87	54.5	36.1	103.9	7.9
11-5	021500	2030	17.89	7.87	54.5	36.1	103.9	7.9
11-5	021500	2045	17.80	7.87	54.6	36.2	103.3	7.9
11-5	021500	2100	17.75	7.87	54.6	36.2	103.5	7.9
11-5	021500	2115	17.72	7.87	54.6	36.2	103.4	7.9
11-5	021500	2130	17.70	7.87	54.6	36.2	102.0	7.8
11-5	021500	2145	17.67	7.87	54.6	36.2	102.7	7.8
11-5	021500	2200	17.65	7.87	54.6	36.2	102.0	7.8
11-5	021500	2215	17.65	7.87	54.6	36.2	101.6	7.8
11-5	021500	2230	17.62	7.87	54.6	36.2	101.2	7.7
11-5	021500	2245	17.55	7.87	54.6	36.2	99.4	7.6
11-5	021500	2300	17.55	7.86	54.6	36.2	96.1	7.4
11-5	021500	2315	17.55	7.86	54.6	36.2	97.2	7.4
11-5	021500	2330	17.51	7.87	54.6	36.2	97.9	7.5

Hydrolab DS3 Continuous Deployment at Station 11-5
February 15-16, 2000
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
11-5	021500	2345	17.46	7.87	54.7	36.3	99.6	7.6
11-5	021600	0000	17.46	7.87	54.6	36.2	99.0	7.6
11-5	021600	0015	17.45	7.87	54.7	36.3	98.5	7.5
11-5	021600	0030	17.46	7.87	54.7	36.3	94.8	7.3
11-5	021600	0045	17.48	7.86	54.7	36.3	94.2	7.2
11-5	021600	0100	17.46	7.87	54.7	36.3	94.4	7.2
11-5	021600	0115	17.46	7.86	54.7	36.3	93.7	7.2
11-5	021600	0130	17.46	7.86	54.7	36.3	93.5	7.2
11-5	021600	0145	17.45	7.86	54.7	36.3	94.1	7.2
11-5	021600	0200	17.45	7.86	54.7	36.3	92.3	7.1
11-5	021600	0215	17.45	7.86	54.7	36.3	95.0	7.3
11-5	021600	0230	17.45	7.86	54.7	36.3	95.2	7.3
11-5	021600	0245	17.45	7.86	54.7	36.3	94.1	7.2
11-5	021600	0300	17.45	7.85	54.7	36.3	91.3	7.0
11-5	021600	0315	17.46	7.85	54.7	36.3	88.2	6.8
11-5	021600	0330	17.48	7.84	54.7	36.3	87.7	6.7
11-5	021600	0345	17.48	7.83	54.7	36.3	84.4	6.5
11-5	021600	0400	17.48	7.83	54.6	36.2	85.5	6.5
11-5	021600	0415	17.51	7.83	54.6	36.2	83.9	6.4
11-5	021600	0430	17.53	7.84	54.6	36.2	82.1	6.3
11-5	021600	0445	17.55	7.84	54.6	36.2	83.3	6.4
11-5	021600	0500	17.58	7.83	54.6	36.2	82.6	6.3
11-5	021600	0515	17.62	7.83	54.6	36.2	82.0	6.3
11-5	021600	0530	17.62	7.83	54.6	36.2	85.8	6.6
11-5	021600	0545	17.63	7.83	54.6	36.2	84.3	6.4
11-5	021600	0600	17.62	7.83	54.6	36.2	84.6	6.5
11-5	021600	0615	17.62	7.82	54.6	36.2	81.3	6.2
11-5	021600	0630	17.58	7.82	54.6	36.2	82.3	6.3
11-5	021600	0645	17.50	7.82	54.7	36.3	85.3	6.5
11-5	021600	0700	17.51	7.83	54.7	36.3	84.9	6.5
11-5	021600	0715	17.53	7.83	54.7	36.3	83.3	6.4
11-5	021600	0730	17.56	7.83	54.7	36.3	84.3	6.4
11-5	021600	0745	17.56	7.83	54.7	36.3	85.3	6.5
11-5	021600	0800	17.62	7.83	54.6	36.2	83.1	6.3

Hydrolab DS3 Continuous Deployment at Station 11-5
February 15-16, 2000
Mote Marine Laboratory

Station	Date	Time	Temp	pH	SpCond	Salinity	D.O. Percent Saturation	Dissolved Oxygen
	(mmddyy)	(EST)	(Deg C)	(SU)	(mmhos)	(PSU)	(%)	(mg/l)
11-5	021600	0815	17.65	7.82	54.6	36.2	81.7	6.2
11-5	021600	0830	17.67	7.82	54.6	36.2	81.5	6.2
11-5	021600	0845	17.70	7.82	54.6	36.2	80.5	6.1
11-5	021600	0900	17.73	7.82	54.6	36.2	80.7	6.2
11-5	021600	0915	17.77	7.82	54.6	36.2	80.1	6.1
11-5	021600	0930	17.79	7.82	54.6	36.2	85.1	6.5
11-5	021600	0945	17.84	7.82	54.6	36.2	85.2	6.5
11-5	021600	1000	17.90	7.83	54.5	36.1	87.0	6.6
11-5	021600	1015	17.99	7.83	54.4	36.1	86.9	6.6
11-5	021600	1030	18.07	7.84	54.4	36.0	89.5	6.8
11-5	021600	1045	18.18	7.84	54.2	35.9	91.7	6.9
11-5	021600	1100	18.24	7.84	54.2	35.9	90.6	6.8
11-5	021600	1115	18.33	7.85	54.1	35.8	93.2	7.0
11-5	021600	1130	18.43	7.86	54.0	35.8	96.7	7.3
11-5	021600	1145	18.16	7.88	54.1	35.8	103.4	7.8
11-5	021600	1200	18.02	7.89	54.2	35.9	103.5	7.9
11-5	021600	1215	18.06	7.89	54.2	35.9	103.1	7.8
11-5	021600	1230	18.02	7.89	54.3	36.0	105.2	8.0
11-5	021600	1245	18.06	7.89	54.3	36.0	106.5	8.1
11-5	021600	1300	18.12	7.89	54.2	35.9	107.1	8.1
11-5	021600	1315	18.18	7.89	54.2	35.9	106.8	8.1
11-5	021600	1330	18.21	7.89	54.2	35.9	107.2	8.1
11-5	021600	1345	18.26	7.90	54.2	35.9	106.6	8.1
11-5	021600	1400	18.28	7.90	54.2	35.9	108.3	8.2
11-5	021600	1415	18.33	7.90	54.2	35.9	108.1	8.2
11-5	021600	1430	18.33	7.91	54.3	36.0	111.5	8.4
11-5	021600	1445	18.33	7.91	54.3	36.0	110.6	8.3
11-5	021600	1500	18.35	7.91	54.3	36.0	110.8	8.3

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity (PSU)	Specific Conductance (mmhos/cm)	Temperature (Deg C)	pH (SU)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation (%)
	(mmddyy)	(EST)	(m)						
10-1	031600	0631	0.2	36.6	55.10	20.90	8.18	7.06	98.8
10-1	031600	0632	1.0	36.6	55.10	20.91	8.18	7.23	101.2
10-1	031600	0633	3.1	36.6	55.07	20.91	8.18	7.19	100.6
10-1	031500	1306	0.2	36.8	55.45	21.17	8.11	7.21	101.6
10-1	031500	1307	1.0	36.8	55.40	21.16	8.12	7.28	102.6
10-1	031500	1308	3.2	36.8	55.36	20.79	8.14	7.51	105.1
10-2	031600	0546	0.2	35.8	54.04	21.05	8.00	6.80	95.0
10-2	031600	0547	0.6	36.2	54.59	21.05	8.02	6.82	95.6
10-2	031600	0548	1.0	36.3	54.69	21.05	8.03	6.81	95.4
10-2	031500	1354	0.2	36.8	55.45	21.84	8.11	7.49	106.9
10-2	031500	1354	0.7	36.8	55.44	21.86	8.12	7.53	106.7
10-2	031500	1356	1.1	36.8	55.44	21.85	8.12	7.66	109.3
10-3	031600	0603	0.2	36.5	54.95	21.54	8.08	6.85	96.9
10-3	031600	0604	1.0	36.5	54.95	21.55	8.09	7.08	100.4
10-3	031600	0605	4.2	36.4	54.92	21.41	8.11	6.89	97.3
10-3	031500	1332	0.2	36.8	55.39	21.76	8.08	7.07	100.7
10-3	031500	1333	1.0	36.8	55.40	21.80	8.09	7.11	101.3
10-3	031500	1334	6.5	36.8	55.36	21.62	8.10	7.27	103.2
10-4	031600	0727	0.2	36.6	55.10	21.43	8.13	6.56	93.8
10-4	031600	0727	1.0	36.6	55.12	21.42	8.13	6.74	95.3
10-4	031600	0728	4.3	36.5	55.05	21.42	8.14	6.86	96.9
10-4	031500	1042	0.2	35.3	53.34	20.89	7.99	7.06	98.1
10-4	031500	1043	1.0	36.1	54.55	20.89	8.02	7.17	100.1
10-4	031500	1044	4.0	36.5	54.97	20.76	8.06	7.45	104.0
10-5	031600	0705	0.2	36.3	54.72	21.41	8.10	6.42	90.5
10-5	031600	0706	1.0	36.0	54.37	21.41	8.07	6.49	91.4
10-5	031600	0708	1.7	36.4	54.85	21.42	8.11	6.73	95.1
10-5	031500	1118	0.2	36.1	54.49	21.15	8.04	7.15	100.3
10-5	031500	1118	0.9	36.1	54.51	21.14	8.05	7.24	101.3
10-5	031500	1119	1.6	36.2	54.53	21.16	8.06	7.28	102.1

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
11-1	031600	0623	0.2	36.6	55.21	21.33	8.22	6.91	97.6
11-1	031600	0624	1.0	36.6	55.18	21.34	8.21	6.87	97.0
11-1	031600	0625	3.1	36.6	55.15	21.34	8.22	7.10	100.3
11-1	031500	1249	0.2	36.7	55.28	21.27	8.10	7.14	100.9
11-1	031500	1250	1.0	36.7	55.27	21.26	8.10	7.25	101.1
11-1	031500	1251	3.4	36.7	55.22	21.25	8.11	7.28	103.6
11-2	031600	0615	0.2	36.4	54.92	21.02	8.10	6.77	94.9
11-2	031600	0616	1.0	36.4	54.91	21.02	8.11	6.86	96.3
11-2	031600	0617	2.8	36.4	54.89	21.02	8.11	6.90	96.6
11-2	031500	1232	0.2	36.7	55.21	21.20	8.10	7.12	100.3
11-2	031500	1233	1.0	36.7	55.21	21.17	8.11	7.17	101.0
11-2	031500	1235	3.1	36.7	55.26	21.01	8.11	7.48	104.7
11-3	031600	0643	0.2	36.4	54.87	21.23	8.12	6.66	94.0
11-3	031600	0643	1.0	36.4	54.84	21.23	8.12	6.69	94.1
11-3	031600	0644	2.2	36.4	54.90	21.24	8.12	6.95	97.8
11-3	031500	1218	0.2	36.6	55.10	21.19	8.09	7.09	99.8
11-3	031500	1219	1.0	36.6	55.09	21.17	8.09	7.17	101.0
11-3	031500	1220	2.2	36.6	55.10	21.15	8.10	7.19	101.3
11-4	031600	0654	0.2	36.2	54.66	21.27	8.07	6.06	85.1
11-4	031600	0654	0.9	36.2	54.64	21.25	8.07	6.07	85.2
11-4	031600	0655	1.6	36.2	54.60	21.23	8.06	6.02	85.7
11-4	031500	1155	0.2	36.4	54.92	21.12	8.06	6.87	96.5
11-4	031500	1156	1.0	36.4	54.90	21.10	8.07	6.92	97.3
11-4	031500	1157	2.2	36.5	55.04	20.92	8.09	6.96	97.4
11-5	031600	0716	0.2	35.8	54.09	21.50	8.07	6.49	91.4
11-5	031600	0716	1.0	35.9	54.16	21.49	8.07	6.59	92.8
11-5	031600	0717	2.5	36.4	54.89	21.35	8.11	6.66	93.9
11-5	031500	1136	0.2	36.6	55.18	21.30	8.09	7.07	99.8
11-5	031500	1137	1.0	36.6	55.19	21.28	8.09	7.09	100.0
11-5	031500	1138	2.6	36.6	55.18	21.25	8.09	7.12	100.3

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
13-1	031500	0555	0.2	34.2	51.86	21.07	7.90	6.59	91.4
13-1	031500	0555	0.6	34.5	52.24	21.07	7.92	6.63	92.1
13-1	031500	0556	1.0	34.6	52.36	21.09	7.93	6.66	92.5
13-1	031500	1408	0.2	36.2	54.63	22.21	8.04	7.18	103.3
13-1	031500	1409	0.6	36.3	54.72	22.22	8.04	7.24	103.6
13-1	031500	1410	0.9	36.8	55.34	21.73	8.08	7.51	107.0
13-2	031500	0601	0.2	34.6	52.47	20.72	7.92	6.25	86.1
13-2	031500	0602	0.7	34.7	52.50	20.73	7.93	6.27	86.5
13-2	031500	0602	1.1	34.7	52.52	20.73	7.92	6.27	86.4
13-2	031500	1354	0.2	35.3	53.30	22.79	8.07	8.78	126.3
13-2	031500	1355	0.5	35.3	53.43	22.81	8.09	8.86	127.5
13-2	031500	1355	0.8	35.3	53.40	22.81	8.09	8.92	127.9
13-3	031500	0609	0.2	34.7	52.48	21.00	7.92	6.27	86.9
13-3	031500	0610	0.7	34.7	52.51	21.01	7.92	6.33	87.7
13-3	031500	0610	1.1	34.7	52.54	21.00	7.93	6.30	87.3
13-3	031500	1326	0.2	35.5	53.59	21.87	7.96	6.80	96.3
13-3	031500	1327	0.9	35.5	53.67	21.85	7.97	6.83	96.7
13-3	031500	1327	1.5	35.6	53.77	21.79	7.98	6.87	97.1
13-4	031500	0618	0.2	34.7	52.55	20.80	7.94	6.30	87.0
13-4	031500	0618	0.8	34.7	52.54	20.85	7.94	6.29	87.0
13-4	031500	0619	1.4	34.7	52.57	20.83	7.93	6.28	86.8
13-4	031500	1305	0.2	35.1	53.14	21.70	7.94	6.63	93.3
13-4	031500	1306	0.9	35.2	53.17	21.61	7.95	6.64	93.4
13-4	031500	1307	1.6	35.2	53.16	21.60	7.95	6.65	93.6
13-5	031500	0627	0.2	34.8	52.73	20.90	7.97	6.95	96.2
13-5	031500	0627	0.8	34.8	52.62	20.90	7.97	6.98	96.6
13-5	031500	0627	1.3	34.8	52.63	20.90	7.97	6.98	96.6
13-5	031500	1245	0.2	35.0	52.98	21.30	7.92	6.60	91.4
13-5	031500	1246	1.0	35.0	53.01	21.30	7.92	6.52	91.1
13-5	031500	1246	1.8	35.1	53.06	21.18	7.92	6.51	90.8

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
14-1	031500	0631	0.2	34.8	52.72	20.60	7.98	6.62	91.1
14-1	031500	0631	0.7	34.8	52.72	20.60	7.98	6.62	91.5
14-1	031500	0632	1.2	34.8	52.71	20.61	7.98	6.69	91.8
14-1	031500	1230	0.2	35.0	53.01	21.41	7.99	7.34	103.1
14-1	031500	1233	0.9	35.0	53.00	21.21	8.00	7.22	100.8
14-1	031500	1234	1.6	35.1	53.03	21.22	8.00	7.32	102.2
14-2	031500	0639	0.3	35.2	53.25	19.90	8.18	5.88	79.0
14-2	031500	1209	0.2	35.4	53.53	20.79	8.17	8.11	112.6
14-2	031500	1209	0.4	35.5	53.69	20.80	8.19	8.17	113.4
14-2	031500	1210	0.5	35.6	53.73	20.84	8.20	8.16	113.3
14-3	031500	0648	0.3	35.8	54.01	19.67	8.12	5.66	77.1
14-3	031500	1131	0.3	35.7	53.90	21.35	8.16	7.77	109.0
14-4	031500	0655	0.2	35.8	53.97	20.55	8.09	5.86	80.9
14-4	031500	0655	0.4	35.7	53.96	20.54	8.09	5.80	80.0
14-4	031500	0655	0.6	35.7	53.95	20.52	8.08	5.69	78.5
14-4	031500	1116	0.2	35.9	54.17	21.45	8.06	6.82	96.1
14-4	031500	1116	0.7	36.0	54.26	21.37	8.08	7.05	99.2
14-4	031500	1117	1.2	36.1	54.41	21.22	8.09	7.19	100.8
14-5	031500	0704	0.2	36.2	54.62	20.62	8.09	6.30	87.2
14-5	031500	0704	0.6	36.3	54.70	20.62	8.09	6.83	94.9
14-5	031500	0705	0.9	36.3	54.71	20.64	8.09	7.01	96.9
14-5	031500	1050	0.2	36.0	54.36	21.40	8.01	6.83	96.2
14-5	031500	1051	0.7	36.1	54.51	21.40	8.03	6.79	95.7
14-5	031500	1051	1.1	36.3	54.70	21.41	8.04	6.82	96.2

Sarasota Bay / Myakka River Status and Trends Monitoring
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Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
16-1	031400	0547	0.2	35.3	53.42	20.41	8.03	6.21	85.4
16-1	031400	0547	0.4	35.4	53.51	20.39	8.03	5.79	79.5
16-1	031400	0548	0.6	35.6	53.85	20.15	7.97	4.98	67.7
16-1	031400	1426	0.2	36.6	55.08	22.43	8.13	7.54	108.6
16-1	031400	1426	0.4	36.6	55.16	22.41	8.13	7.60	109.9
16-1	031400	1427	0.6	36.7	55.19	22.40	8.14	7.65	110.3
16-2	031400	0556	0.2	35.6	53.69	21.04	8.08	5.86	81.7
16-2	031400	0557	1.0	35.7	53.93	20.65	8.08	5.96	82.6
16-2	031400	0558	2.8	35.7	53.93	20.64	8.08	5.94	82.3
16-2	031400	1403	0.2	36.5	55.02	22.09	8.14	7.46	107.1
16-2	031400	1403	0.5	36.5	55.02	22.12	8.15	7.63	108.8
16-2	031400	1404	0.8	36.6	55.09	22.04	8.15	7.60	108.3
16-3	031400	0604	0.2	35.9	54.18	21.01	8.11	6.04	84.2
16-3	031400	0604	0.5	35.9	54.16	21.02	8.11	6.04	84.3
16-3	031400	0605	0.7	35.9	54.14	21.01	8.11	6.08	84.8
16-3	031400	1344	0.2	36.1	54.42	21.89	8.16	7.97	113.4
16-3	031400	1344	0.7	36.2	54.51	21.89	8.17	8.39	119.3
16-3	031400	1345	1.1	36.2	54.60	21.88	8.18	8.42	119.8
16-4	031400	0610	0.2	36.0	54.36	21.35	8.11	6.07	85.5
16-4	031400	0610	1.0	36.1	54.37	21.35	8.11	6.10	85.8
16-4	031400	0611	3.1	36.1	54.37	21.34	8.11	6.10	85.8
16-4	031400	1331	0.2	36.7	55.23	22.28	8.12	7.50	108.5
16-4	031400	1332	0.8	36.8	55.38	22.21	8.13	7.59	109.4
16-4	031400	1332	1.4	36.8	55.39	22.10	8.13	7.71	110.4
16-5	031400	0616	0.2	35.8	54.06	21.26	8.09	6.12	85.7
16-5	031400	0616	1.0	35.9	54.16	21.27	8.08	6.15	86.4
16-5	031400	0617	3.5	35.9	54.12	21.28	8.09	6.16	86.6
16-5	031400	1309	0.2	36.7	55.22	22.09	8.08	6.93	99.5
16-5	031400	1310	1.0	36.8	55.36	22.09	8.09	7.12	101.5
16-5	031400	1311	2.7	36.9	55.47	22.09	8.11	7.21	103.5

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
LB-1	031400	0652	0.2	33.1	50.35	21.64	7.94	5.52	76.7
LB-1	031400	0652	1.0	33.0	50.31	21.62	7.93	5.60	77.6
LB-1	031400	0652	2.3	33.1	50.32	21.65	7.92	5.67	78.6
LB-1	031400	1223	0.2	32.9	50.11	22.62	7.84	6.28	88.6
LB-1	031400	1224	0.6	32.9	50.14	22.63	7.84	6.26	88.7
LB-1	031400	1224	1.0	32.9	50.14	22.64	7.84	6.35	89.6
LB-2	031400	0657	0.2	33.5	50.90	21.05	8.02	5.57	77.0
LB-2	031400	0658	1.0	33.5	50.86	21.00	8.02	5.63	77.4
LB-2	031400	0658	2.1	33.5	50.87	20.94	8.02	5.64	77.4
LB-2	031400	1200	0.3	33.7	51.16	22.11	8.09	8.00	113.0
LB-3	031400	0703	0.2	33.9	51.40	20.87	8.15	6.78	93.3
LB-3	031400	0704	1.0	34.0	51.58	20.84	8.15	6.58	90.3
LB-3	031400	0704	2.9	33.9	51.50	20.75	8.16	6.78	93.3
LB-3	031400	1142	0.2	34.2	51.85	21.33	8.15	6.86	95.3
LB-3	031400	1143	0.9	34.2	51.93	21.31	8.15	6.90	95.9
LB-3	031400	1144	1.6	34.2	51.87	21.36	8.16	7.00	97.6
LB-4	031400	0708	0.3	34.2	51.84	19.68	8.11	5.21	70.2
LB-4	031400	1124	0.2	34.3	52.06	20.81	8.17	7.71	106.2
LB-4	031400	1125	0.6	34.4	52.10	20.82	8.17	7.86	108.3
LB-4	031400	1126	0.9	34.4	52.13	20.83	8.18	7.91	108.7
LB-5	031400	0722	0.2	35.7	53.84	20.23	8.34	6.61	90.8
LB-5	031400	0722	0.8	35.7	53.88	20.23	8.33	6.69	91.9
LB-5	031400	0723	1.4	35.7	53.88	20.25	8.33	6.76	92.9
LB-5	031400	1045	0.2	36.0	54.24	20.63	8.24	7.28	101.1
LB-5	031400	1046	0.5	36.1	54.41	20.65	8.26	7.47	103.8
LB-5	031400	1047	0.7	36.1	54.44	20.62	8.26	7.60	105.5

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
ML-1	031400	0715	0.2	5.27	9.39	22.07	7.37	6.59	78.0
ML-1	031400	0716	1.0	5.60	9.86	22.08	7.37	6.54	77.7
ML-1	031400	0716	2.4	6.17	10.55	21.91	7.35	6.42	76.2
ML-1	031400	1246	0.2	8.39	14.46	23.39	7.66	8.26	102.4
ML-1	031400	1247	1.0	8.87	15.22	23.21	7.62	8.08	100.1
ML-1	031400	1248	2.7	8.86	15.20	23.22	7.66	8.01	99.1
ML-2	031400	0726	0.2	7.88	13.65	22.02	7.44	6.62	79.7
ML-2	031400	0727	0.8	7.88	13.64	21.88	7.43	6.62	79.2
ML-2	031400	0728	1.4	7.88	13.63	21.78	7.43	6.59	78.9
ML-2	031400	1221	0.2	10.6	17.75	23.15	7.59	7.60	95.5
ML-2	031400	1222	0.9	10.8	18.28	22.90	7.57	7.49	93.3
ML-2	031400	1224	1.6	10.8	18.31	22.87	7.57	7.46	92.9
ML-3	031400	0735	0.2	10.5	17.85	22.03	7.47	6.32	77.3
ML-3	031400	0736	0.8	10.9	18.45	22.06	7.46	6.22	76.3
ML-3	031400	0736	1.3	11.4	19.19	22.03	7.46	6.19	76.2
ML-3	031400	1202	0.2	11.2	18.88	22.69	7.57	7.18	89.4
ML-3	031400	1203	0.6	11.3	18.93	22.66	7.56	7.14	88.8
ML-3	031400	1204	0.9	11.8	19.82	22.31	7.55	7.11	88.0
ML-4	031400	0744	0.2	11.4	19.10	22.03	7.51	6.47	79.5
ML-4	031400	0745	1.0	11.4	19.08	22.01	7.50	6.45	79.3
ML-4	031400	0746	2.2	11.4	19.15	21.84	7.44	6.44	78.7
ML-4	031400	1142	0.2	13.2	21.98	22.30	7.63	7.47	93.3
ML-4	031400	1143	0.8	13.2	21.97	22.30	7.63	7.56	94.0
ML-4	031400	1144	1.4	13.3	22.06	22.18	7.63	7.47	93.2
ML-5	031400	0759	0.3	13.6	22.47	21.65	7.54	6.33	78.2
ML-5	031400	1103	0.2	15.2	24.92	21.43	7.62	7.54	93.8
ML-5	031400	1104	0.7	15.3	25.14	21.43	7.64	7.44	92.8
ML-5	031400	1105	1.2	15.4	25.21	21.43	7.66	7.52	93.6

Sarasota Bay / Myakka River Status and Trends Monitoring
Morning and Afternoon *In Situ* Profiles

Station	Date	Time	Sample Depth	Salinity	Specific Conductance	Temperature	pH	Dissolved Oxygen	D.O. Percent Saturation
	(mmddyy)	(EST)	(m)	(PSU)	(mmhos/cm)	(Deg C)	(SU)	(mg/l)	(%)
MU-1	031400	0611	0.2	0.27	0.56	22.11	6.96	6.97	79.7
MU-1	031400	0612	0.8	0.27	0.55	22.13	6.99	6.36	73.1
MU-1	031400	0612	1.3	0.27	0.55	22.13	7.02	6.05	69.4
MU-1	031400	1454	0.2	0.24	0.50	23.38	7.22	6.84	80.4
MU-1	031400	1455	0.9	0.24	0.49	23.37	7.21	6.84	80.8
MU-1	031400	1455	1.6	0.24	0.49	23.28	7.20	6.73	79.0
MU-2	031400	0626	0.2	0.29	0.60	22.62	7.32	6.74	77.8
MU-2	031400	0627	0.9	0.29	0.60	22.65	7.29	6.64	77.0
MU-2	031400	0628	1.6	0.29	0.59	22.66	7.28	6.64	77.0
MU-2	031400	1416	0.2	0.45	0.92	24.47	7.55	8.37	100.7
MU-2	031400	1417	1.0	0.48	0.97	24.35	7.55	8.41	100.7
MU-2	031400	1418	2.8	0.47	0.95	24.22	7.55	8.36	99.8
MU-3	031400	0638	0.2	0.47	0.96	22.67	7.40	7.17	83.1
MU-3	031400	0638	0.4	0.48	0.97	22.67	7.38	7.06	81.7
MU-3	031400	0639	0.5	0.48	0.98	22.65	7.37	6.98	81.1
MU-3	031400	1355	0.2	1.41	2.74	24.27	7.65	8.73	105.1
MU-3	031400	1355	0.6	1.56	2.95	24.22	7.63	8.71	105.1
MU-3	031400	1356	1.0	1.63	3.13	24.22	7.64	8.73	105.5
MU-4	031400	0648	0.3	0.97	1.92	22.70	7.39	7.06	82.4
MU-4	031400	1336	0.3	2.49	4.67	24.12	7.64	8.20	99.3
MU-5	031400	0702	0.2	3.06	5.65	22.30	7.36	7.13	83.8
MU-5	031400	0702	0.5	3.06	5.64	22.32	7.35	6.93	81.4
MU-5	031400	0703	0.8	3.04	5.62	22.32	7.35	6.88	80.8
MU-5	031400	1308	0.2	5.40	9.60	23.48	7.59	7.96	96.9
MU-5	031400	1309	0.6	5.42	9.64	23.44	7.58	7.84	95.5
MU-5	031400	1311	0.9	5.46	9.71	23.44	7.59	7.88	96.1

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
10-1	031600	0631	27.35417	-82.58056	27.35530	-82.58137	3.3			
10-1	031500	1306	27.35417	-82.58056	27.35405	-82.58007	3.4	1.8	000297	0.53
10-2	031600	0546	27.33472	-82.56861	27.33523	-82.56933	1.2			
10-2	031500	1354	27.33472	-82.56861	27.33543	-82.56852	1.3	>B	000291	0.45
10-3	031600	0603	27.32694	-82.58778	27.32733	-82.58857	4.4			
10-3	031500	1332	27.32694	-82.58778	27.32717	-82.58808	6.7	3.5	000289	0.35
10-4	031600	0727	27.32556	-82.56750	27.32615	-82.56705	4.5			
10-4	031500	1042	27.32556	-82.56750	27.32508	-82.56718	4.2	2.0	000294	0.76
10-5	031600	0705	27.30722	-82.54972	27.30752	-82.54945	1.9			
10-5	031500	1118	27.30722	-82.54972	27.30718	-82.54928	1.8	1.5	000295	0.85
11-1	031600	0623	27.36333	-82.57111	27.35020	-82.57187	3.3			
11-1	031500	1249	27.36333	-82.57111	27.36293	-82.57180	3.6	1.5	000296	0.36
11-2	031600	0615	27.34750	-82.56167	27.34840	-82.56253	3.0			
11-2	031500	1232	27.34750	-82.56167	27.34852	-82.56158	3.3	1.5	000292	0.53
11-3	031600	0643	27.33694	-82.56111	27.33755	-82.56103	2.4			
11-3	031500	1218	27.33694	-82.56111	27.33710	-82.55943	2.4	1.4	000290	0.47
11-4	031600	0654	27.32556	-82.54444	27.32525	-82.54450	1.8			
11-4	031500	1155	27.32556	-82.54444	27.32580	-82.54533	2.4	1.5	000293	0.76
11-5	031600	0716	27.31333	-82.54583	27.31383	-82.54648	2.7			
11-5	031500	1136	27.31333	-82.54583	27.31310	-82.54547	2.8	1.5	000288	0.60
13-1	031500	0555	27.29194	-82.54444	27.29417	-82.54510	1.2			
13-1	031500	1408	27.29194	-82.54444	27.29168	-82.54485	1.1	>B	000301	0.40
13-2	031500	0601	27.27944	-82.54667	27.28347	-82.54710	1.3			
13-2	031500	1354	27.27944	-82.54667	27.27968	-82.54665	1.0	>B	000303	1.02
13-3	031500	0609	27.26611	-82.53972	27.26622	-82.54000	1.3			
13-3	031500	1326	27.26611	-82.53972	27.26633	-82.54003	1.7	>B	000305	0.39
13-4	031500	0618	27.25778	-82.53639	27.25882	-82.53525	1.6			
13-4	031500	1305	27.25778	-82.53639	27.25777	-82.53442	1.8	1.5	000298	0.59
13-5	031500	0627	27.24528	-82.52139	27.24518	-82.52133	1.5			
13-5	031500	1245	27.24528	-82.52139	27.24553	-82.52142	2.0	1.5	000299	0.47
14-1	031500	0631	27.23806	-82.52167	27.23795	-82.52158	1.4			
14-1	031500	1230	27.23806	-82.52167	27.23802	-82.52192	1.8	1.1	000302	0.83
14-2	031500	0639	27.22139	-82.51306	27.22080	-82.51298	0.6			
14-2	031500	1209	27.22139	-82.51306	27.22103	-82.51350	0.7	>B	000308	0.83
14-3	031500	0648	27.20639	-82.50500	27.20543	-82.50490	0.6			
14-3	031500	1131	27.20639	-82.50500	27.20588	-82.50480	0.6	>B	000307	1.06
14-4	031500	0655	27.20389	-82.50139	27.20390	-82.50140	0.8			
14-4	031500	1116	27.20389	-82.50139	27.20395	-82.50155	1.4	0.7	000300	1.13
14-5	031500	0704	27.19028	-82.49500	27.19028	-82.49487	1.1			
14-5	031500	1050	27.19028	-82.49500	27.19033	-82.49480	1.3	>B	000306	0.76

Sarasota Bay / Myakka River Status and Trends Monitoring Station Locations and Water Clarity

Station	Date	Time	Ideal Station Location		Actual Station Location		Depth	Secchi	Water	Attenuation
			Latitude	Longitude	Latitude	Longitude	Overall	Depth	Quality	Coefficient
	(mmddyy)	(EST)	(degrees)	(degrees)	(degrees)	(degrees)	(m)	(m)	Sample	(m ⁻¹)
16-1	031400	0547	27.17194	-82.49056	27.17218	-82.49165	0.8			
16-1	031400	1426	27.17194	-82.49056	27.17188	-82.49103	0.8	>B	000324	0.22
16-2	031400	0556	27.15722	-82.48472	27.15827	-82.48242	3.0			
16-2	031400	1403	27.15722	-82.48472	27.15837	-82.48397	1.0	>B	000321	0.83
16-3	031400	0604	27.14583	-82.47722	27.14653	-82.47605	0.9			
16-3	031400	1344	27.14583	-82.47722	27.14585	-82.47683	1.3	>B	000327	0.67
16-4	031400	0610	27.13639	-82.46972	27.13623	-82.47017	3.3			
16-4	031400	1331	27.13639	-82.46972	27.13642	-82.47075	1.6	1.9	000330	0.60
16-5	031400	0616	27.12833	-82.47028	27.12847	-82.46995	3.7			
16-5	031400	1309	27.12833	-82.47028	27.12872	-82.47010	2.9	2.5	000329	0.02
LB-1	031400	0652	27.03167	-82.42583	27.03153	-82.42425	2.5			
LB-1	031400	1223	27.03167	-82.42583	27.03198	-82.42420	1.2	>B	000325	0.94
LB-2	031400	0657	27.00806	-82.41000	27.00870	-82.40812	2.3			
LB-2	031400	1200	27.00806	-82.41000	27.00935	-82.41002	0.6	>B	000322	1.17
LB-3	031400	0703	26.98889	-82.39528	26.98878	-82.39533	3.1			
LB-3	031400	1142	26.98889	-82.39528	26.98908	-82.39505	1.8	1.0	000323	1.09
LB-4	031400	0708	26.97806	-82.39083	26.97875	-82.38937	0.6			
LB-4	031400	1124	26.97806	-82.39083	26.97918	-82.39125	1.1	>B	000320	0.90
LB-5	031400	0722	26.94694	-82.36778	26.94772	-82.36690	1.6			
LB-5	031400	1045	26.94694	-82.36778	26.94683	-82.36768	0.9	>B	000328	0.81
ML-1	031400	0715	27.04167	-82.29167	27.04353	-82.29125	2.6			
ML-1	031400	1246	27.04167	-82.29167	27.04387	-82.29143	2.9	1.4	000315	1.57
ML-2	031400	0726	27.03500	-82.28167	27.03578	-82.28108	1.6			
ML-2	031400	1221	27.03500	-82.28167	27.03558	-82.28070	1.8	1.4	000316	1.47
ML-3	031400	0735	27.02806	-82.27111	27.02815	-82.27100	1.5			
ML-3	031400	1202	27.02806	-82.27111	27.02858	-82.27098	1.1	>B	000314	1.79
ML-4	031400	0744	27.01944	-82.27444	27.01992	-82.27370	2.4			
ML-4	031400	1142	27.01944	-82.27444	27.01988	-82.27480	1.6	1.1	000319	1.72
ML-5	031400	0759	27.00028	-82.25667	27.00128	-82.25603	0.6			
ML-5	031400	1103	27.00028	-82.25667	27.00043	-82.25740	1.4	0.7	000310	2.24
MU-1	031400	0611	27.09861	-82.33306	27.09895	-82.33227	1.5			
MU-1	031400	1454	27.09861	-82.33306	27.09925	-82.33332	1.8	1.1	000318	1.76
MU-2	031400	0626	27.08139	-82.32194	27.08250	-82.31922	1.8			
MU-2	031400	1416	27.08139	-82.32194	27.08118	-82.31902	3.0	1.4	000312	1.94
MU-3	031400	0638	27.06972	-82.31500	27.07093	-82.31395	0.7			
MU-3	031400	1355	27.06972	-82.31500	27.06833	-82.31305	1.2	>B	000311	1.66
MU-4	031400	0648	27.06222	-82.31222	27.06315	-82.31178	0.5			
MU-4	031400	1336	27.06222	-82.31222	27.06313	-82.31128	0.5	>B	000313	1.87
MU-5	031400	0702	27.05167	-82.29500	27.05307	-82.29568	1.0			
MU-5	031400	1308	27.05167	-82.29500	27.05303	-82.29727	1.1	>B	000309	1.69

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH ₄ -N Diss (mg/l)	NO ₂₃ -N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO ₄ -P Diss (mg/l)	Total P (mg/l)	BOD ₅ (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
10-1	1.0M	1306	000297	3/15/2000	0.006	U0.005	U0.005	0.18	0.18	0.005	0.17	U0.5	7	2.0	9	8.16	1.1	U0.5	36.8
10-2	MID	1354	000291	3/15/2000	0.014	U0.005	U0.005	0.16	0.16	0.006	0.19	0.6	5	2.3	8	8.19	1.1	U0.5	36.8
10-3	1.0M	1333	000289	3/15/2000	0.006	U0.005	U0.005	0.12	0.12	0.006	0.14	U0.5	5	1.2	9	8.14	U0.5	U0.5	36.8
10-4	1.0M	1035	000294	3/15/2000	0.010	U0.005	U0.005	0.19	0.19	0.006	0.22	U0.5	16	2.5	10	8.15	1.9	0.6	35.3
10-4 REP	1.0M	1052	000287	3/15/2000	0.013	U0.005	U0.005	0.19	0.19	0.007	0.15	U0.5	8	2.8	8	8.17	1.8	U0.5	NA
10-5	MID	1117	000295	3/15/2000	0.014	U0.005	U0.005	0.29	0.29	0.015	0.22	0.7	19	5.8	13	8.12	3.9	1.2	36.1
11-1	1.0M	1249	000296	3/15/2000	0.009	U0.005	U0.005	0.21	0.21	0.006	0.18	0.8	11	3.0	9	8.14	1.7	0.7	36.7
11-2	1.0M	1232	000292	3/15/2000	0.008	U0.005	U0.005	0.20	0.20	0.007	0.19	0.6	6	3.9	10	8.16	1.9	1.1	36.7
11-3	1.0M	1210	000290	3/15/2000	0.009	U0.005	U0.005	0.23	0.23	0.008	0.22	0.8	8	4.2	12	8.15	2.0	0.6	36.6
11-4	1.0M	1156	000293	3/15/2000	0.006	U0.005	U0.005	0.30	0.30	0.009	0.24	0.6	10	5.8	10	8.12	3.7	0.7	36.4
11-5	1.0M	1131	000288	3/15/2000	0.007	U0.005	U0.005	0.20	0.20	0.007	0.17	0.5	7	4.7	9	8.15	2.2	U0.5	36.6
13-1	MID	1408	000301	3/15/2000	0.014	U0.005	U0.005	0.32	0.32	0.024	0.25	0.7	20	6.3	12	8.13	3.6	1.4	36.2
13-2	MID	1354	000303	3/15/2000	0.012	U0.005	U0.005	0.37	0.37	0.038	0.28	1.0	14	7.7	20	8.11	5.4	2.5	35.3
13-3	MID	1326	000305	3/15/2000	0.015	U0.005	U0.005	0.29	0.29	0.039	0.24	0.6	6	3.1	10	8.07	3.3	U0.5	35.5
13-4	MID	1305	000298	3/15/2000	0.016	0.006	0.007	0.35	0.36	0.045	0.25	0.7	7	3.8	13	8.04	3.2	0.6	35.1
13-5	1.0M	1245	000299	3/15/2000	0.023	0.008	0.006	0.31	0.32	0.049	0.27	0.7	13	3.2	11	8.00	2.9	0.8	35.0
14-1	MID	1230	000302	3/15/2000	0.013	U0.005	U0.005	0.44	0.44	0.045	0.32	1.0	19	5.3	14	8.07	4.4	0.7	35.0
14-2	MID	1209	000308	3/15/2000	0.011	U0.005	U0.005	0.48	0.48	0.027	0.27	2.1	9	6.0	20	8.24	7.1	2.3	35.4
14-3	MID	1131	000307	3/15/2000	0.013	U0.005	U0.005	0.61	0.61	0.022	0.31	1.9	16	11	25	8.22	7.5	2.2	35.7
14-4	MID	1116	000300	3/15/2000	0.011	U0.005	U0.005	0.55	0.55	0.024	0.32	1.8	22	14	21	8.15	6.3	1.8	35.9
14-5	MID	1050	000306	3/15/2000	0.013	U0.005	U0.005	0.33	0.33	0.020	0.24	1.0	7	3.6	18	8.11	4.5	U0.5	36.0
14-5 REP	MID	1056	000304	3/15/2000	0.011	U0.005	U0.005	0.33	0.33	0.020	0.27	0.8	11	3.7	14	8.18	3.1	0.6	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Water Quality Analyses

Station	Sample Depth	Time (EST)	Sample Number	Date (mmddyy)	NH ₄ -N Diss (mg/l)	NO ₂₃ -N Diss (mg/l)	NO ₂₃ -N (mg/l)	TKN (mg/l)	Total N (mg/l)	PO ₄ -P Diss (mg/l)	Total P (mg/l)	BOD ₅ (mg/l)	TSS (mg/l)	Turbidity (NTU)	Color Apparent (PCU)	Color pH (su)	Chl a Corr (mg/m3)	Pheophytin a (mg/m3)	Salinity Field (PSU)
16-1	MID	1424	000324	3/14/2000	0.019	U0.005	U0.005	0.28	0.28	0.016	0.21	0.7	14	3.6	11	8.14	2.4	0.5	36.6
16-2	MID	1403	000321	3/14/2000	0.017	U0.005	U0.005	0.29	0.29	0.016	0.20	1.2	7	5.5	11	8.11	2.9	U0.5	36.5
16-3	MID	1344	000327	3/14/2000	0.009	U0.005	U0.005	0.28	0.28	0.014	0.20	1.2	18	3.3	12	8.16	2.2	U0.5	36.1
16-4	MID	1331	000330	3/14/2000	0.015	0.005	U0.005	0.18	0.18	0.009	0.25	0.6	8	3.8	8	8.12	1.5	U0.5	36.7
16-5	1.0M	1309	000329	3/14/2000	0.023	0.005	U0.005	0.15	0.15	0.008	0.15	U0.5	9	2.6	7	8.11	0.7	U0.5	36.7
LB-1	MID	1222	000325	3/14/2000	0.030	0.007	0.005	0.45	0.46	0.066	0.31	1.0	15	3.5	24	7.83	5.9	U0.5	32.9
LB-2	MID	1156	000322	3/14/2000	0.017	U0.005	U0.005	0.65	0.65	0.057	0.46	2.9	21	7.7	31	8.09	14.3	2.7	33.7
LB-3	MID	1142	000323	3/14/2000	0.016	U0.005	U0.005	0.51	0.51	0.058	0.37	2.2	25	5.2	30	8.16	9.5	U0.5	34.2
LB-4	MID	1124	000320	3/14/2000	0.015	0.005	U0.005	0.45	0.45	0.058	0.29	2.2	28	3.3	24	8.17	7.5	1.2	34.3
LB-5	MID	1045	000328	3/14/2000	0.020	U0.005	U0.005	0.44	0.44	0.019	0.22	2.0	9	5.3	18	8.26	5.3	1.1	36.0
LB-5 REP	MID	1057	000326	3/14/2000	0.015	U0.005	U0.005	0.45	0.45	0.018	0.25	1.5	8	5.4	20	8.27	5.6	U0.5	NA
ML-1	1.0M	1246	000315	3/14/2000	0.015	U0.005	U0.005	0.71	0.71	0.102	0.14	1.5	4	2.7	80	7.82	5.1	2.1	8.39
ML-2	MID	1221	000316	3/14/2000	0.014	U0.005	U0.005	0.66	0.66	0.093	0.14	1.7	5	3.1	70	7.86	5.9	3.2	10.6
ML-3	MID	1202	000314	3/14/2000	0.018	U0.005	U0.005	0.66	0.66	0.092	0.14	1.2	5	3.3	70	7.77	5.6	1.7	11.2
ML-4	MID	1142	000319	3/14/2000	0.014	U0.005	U0.005	0.69	0.69	0.088	0.17	1.4	9	6.0	70	7.80	6.4	3.9	13.2
ML-5	MID	1110	000310	3/14/2000	0.021	0.005	U0.005	0.86	0.86	0.082	0.22	1.8	18	11	75	7.88	7.5	3.9	15.2
MU-1	MID	1453	000318	3/14/2000	0.019	0.015	0.015	0.78	0.80	0.126	0.12	1.0	2	2.2	75	7.46	4.4	1.2	0.24
MU-2	1.0M	1416	000312	3/14/2000	0.013	U0.005	U0.005	0.76	0.76	0.132	0.12	1.4	U2	1.8	85	7.71	3.3	1.3	0.45
MU-2 REP	1.0M	1437	000317	3/14/2000	0.015	U0.005	U0.005	0.81	0.81	0.132	0.14	1.2	U2	1.9	80	7.63	3.4	3.6	NA
MU-3	MID	1355	000311	3/14/2000	0.011	U0.005	U0.005	0.81	0.81	0.128	0.14	1.4	3	2.2	80	7.62	3.4	1.7	1.41
MU-4	MID	1336	000313	3/14/2000	0.022	U0.005	U0.005	0.79	0.79	0.127	0.14	1.4	4	2.3	80	7.52	5.7	1.7	2.49
MU-5	MID	1308	000309	3/14/2000	0.012	U0.005	U0.005	0.78	0.78	0.117	0.14	1.3	4	2.3	80	7.70	4.5	1.4	5.40
EQP BLK		1430	000331	3/15/2000	0.011	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.92	U0.5	U0.5	NA
EQP BLK		1530	000332	3/15/2000	U0.005	U0.005	U0.005	U0.05	U0.05	U0.005	U0.05	U0.5	U2	U0.2	U1	5.96	U0.5	U0.5	NA

Sarasota Bay / Myakka River Status and Trends Monitoring Weather Conditions during Samplings

Date (mmddyy)	Run	Segment	Time of Sampling		Rainfall		Cloud Cover		Air Temperature (Deg C)	Wind Direction (DegM)	Wind Velocity (mph)	Wave Height (ft)
			Begin (EST)	End (EST)	No	Yes	Min (%)	Max				
031400	AM	16	0547	0616	0		Clear		18.9	30	5	<0.5 - 0.5
031400	PM	16	1309	1426	0		Clear			100	10 - 15	<0.5 - 0.5
031400	AM	LB	0652	0722	0		Clear			30	5	<0.5 - 0.5
031400	PM	LB	1045	1223	0		Clear		20.2	110	10 - 15	<0.5 - 1.0
031400	AM	ML	0715	0759	0		Clear			45	<5 - 5	<0.5
031400	PM	ML	1103	1246	0		Clear		20.5	90	<5 - 10	<0.5 - 1.0
031400	AM	MU	0611	0702	0		0 - 5		20.8	Calm	<5	<0.5
031400	PM	MU	1308	1454	0		Clear			90	<5 - 5	<0.5 - 0.5
031600	AM	10	0546	0727	0		0 - 15		22.9	120	5	<0.5 - 0.5
031500	PM	10	1042	1354	0		25 - 70		24.4	90	5 - 10	<0.5 - 2.0
031600	AM	11	0615	0716	0		10 - 15			120	5 - 10	<0.5
031500	PM	11	1136	1249	0		60 - 80			90	5 - 10	1.0
031500	AM	13	0555	0627	0		Clear		20.3	80	10	<0.5
031500	PM	13	1245	1408	0		50 - 70			120	10 - 15	<0.5
031500	AM	14	0631	0704	0		0 - 10			80	10	<0.5
031500	PM	14	1050	1230	0		30 - 80		22.9	90 - 120	10 - 20	<0.5 - 1.0

G. 3 (WATER)
SPRINGS



Ardaman & Associates, Inc.

Geotechnical, Environmental and
Materials Consultants



April 4, 2000
File No. 97-8710

TO: Sarasota County Government
Transportation Department Stormwater
1301 Cattlemen Road, Building A
Sarasota FL 34232

Attention: Ms. Laura Ammeson

SUBJECT: Biological Community Analysis for Big Slough, Hudson Bayou and Phillippi Creek
Basin, Sarasota County, Florida

Ladies and Gentlemen:

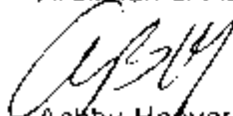
As requested, the dry season biological community sampling and analysis has been conducted at the above referenced sites with regard to Sarasota County Transportation Department Contract No. 98-346, Work Assignment 99-21 conducted under Purchase Order 907360. This report will document the results of the field sampling and analysis program.

On Dec 6th and 7th, 1999, dip net sample collection was performed at the fresh water sites including Stations 1 and 2 in Phillippi Creek and Stations 5 and 6 located in the Myakkahatchee Creek (Big Slough). Petite Ponar sampling of the substratum was performed at brackish water sites 3 and 4 located in Hudson Bayou. The field sampling and analysis was conducted by Vanasse, Hangen, Brustlin, Inc. (VHB). The specific sampling methods and results of the microinvertebrate analysis are summarized in the attached VHB report dated March 31, 2000. The sampling conducted by VHB was considered to be the dry season sampling. This sampling & analysis event concludes the scope of work as per P.O. 907360.

It has been an ongoing pleasure to be of assistance to you with this project. Please contact our office when we may be of further service to you or should you have any questions concerning this report.

Very truly yours,

Ardaman & Associates, Inc.


Ashby Hoover, P.E.
Project Engineer
Eng. Reg. No. 49942


Gary H. Schmidt, P.E.
Vice President
Eng. Reg. No. 12305

AH/GHS:nh



Vanasse Hangen Brustlin, Inc.
Environmental Services Division, SE

March 31, 2000

Mr. Chip Hoover
ARDAMAN & ASSOCIATES, INC.
2500 Dee Ridge Road
Sarasota, Florida 34239

RE: **Macroinvertebrate Analysis of Selected Sites along Phillipi Creek,
Big Slough and Hudson Bayou, Sarasota County, Florida**

Dear Mr. Hoover:

Pursuant to our agreement of July 29, 1999 and your verbal authorization on November 15, 1999, macroinvertebrate analyses were performed at sites associated with the Sarasota County Monitoring Program. Specifically, qualitative dip net sampling was performed at all freshwater sites, which includes Stations 1 and 2 located along Phillippi Creek and Stations 5 and 6 located along Myakkahatchee Creek (Big Slough), and petite ponar sampling of the substratum was performed at brackish water sites 3 and 4 located along Hudson Bayou.

Sampling was conducted on December 6 and 7, 1999. Dip net sample collection generally followed the U.S. Environmental Protection Agency (EPA) Benthic Macroinvertebrate Dip Net Sample Collection procedures (SOP #BA-7) as described below.

A Physical/Chemical Characterization Field Data Sheet and Freshwater Benthic Habitat Assessment Field Data Sheet were filled out at each sampling station. EPA's procedures for completion of these forms were used at the sampling location. Copies of the completed sheets are attached as **Appendix A**.

A dip net with No. 30 mesh was then used to conduct 20 sweeps at each station. Sweeps were concentrated within the major habitat types, as recommended in SOP #BA-7, based on the initial station assessment. The number of 0.5-meter sweeps from each habitat was recorded on the field data sheet. Samples collected in each sweep were placed in individual containers labeled with the date, station number and sweep number. Samples were mixed with a solution of 10% formalin and rose bengal to preserve and stain the organisms and returned to the laboratory.

5010 U.S. 19 North, Post Office Box 35
Palmetto, Florida 34220-0035
Palmetto/941.722.6667
Bradenton/941.747.0006
Tampa/813.229.3516
FAX 941.722.8384

Mr. Chip Hoover
March 31, 2000
Page 2

Each sample was then picked pursuant to EPA's Benthic Macroinvertebrate Qualitative (Dip Net) Sample Handling procedures (SOP #BA-8). The contents of each discreet sample were composited and sieved through a 0.5 mm mesh sieve. The entire contents of the 0.5 mm sieve were then placed in a gridded white enamel pan. The pan had 24 numbered grids measuring 5 cm by 5 cm. A random number table was used to select a grid, the contents of which were then removed to another pan for picking. The number of organisms picked was recorded. Picking continued until the entire sample was processed or 100 organisms were picked. Once processing of a grid began, it was completed even if the 100 organism minimum was reached. All samples picked were checked by another technician to provide quality assurance. The total number of organisms and number of grids processed were recorded for each sample. Picked organisms were stored in 70 percent ethanol and subsequently identified.

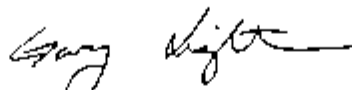
Ponar sampling involved the collection of three replicate samples from the two stations in Hudson Bayou. Following collection, samples were field-sieved through a 0.5 mm mesh sieve, preserved and stained with a formalin/rose bengal solution, and returned to the laboratory for picking, sorting and identification to the lowest practical taxa.

Results of the survey, including statistical analysis (total organisms, richness, Shannon Diversity [base 10], Simpsons Diversity, Equitability and density [organisms/m²]), are provided in tabular form (Tables 1 and 2). Note: Shannons Diversity is a relative index for comparing different landscapes (or sample sites) to each other, or the same landscape at different times. In this index absolute magnitude is not important. Simpsons Diversity represents the probability that any two samples selected at random within the same landscape at any one time will be different. The higher the value (which cannot exceed one), the greater the likelihood that any two random samples will be different. Tables 3 and 4 provide comprehensive phylogenetic species lists of benthic macroinvertebrates collected by Vanasse Hangen Brustlin, Inc. during the dip net sampling and petite ponar sampling, respectively.

Should you have any questions, please do not hesitate to call me.

Sincerely,

VANASSE HANGEN BRUSTLIN, INC.



Gary R. Lightbourn
Environmental Scientist

GRE:bls
Enclosures as Stated

TABLE 1. RESULTS OF DIP NET SAMPLING WITHIN STATIONS 1 AND 2 OF PHILLIPPI CREEK AND STATIONS 5 AND 6 OF MYAKKAHATCHEE CREEK, SARASOTA COUNTY MONITORING PROGRAM, SARASOTA, COUNTY FLORIDA, DECEMBER 1999

Taxa	Site				Total
	1	2	5	6	
NAIS PARDALIS	0	74	0	0	74
HYALFELLA AZTECUS	31	4	1	7	43
PALAEEMONETES PALUDOSUS	16	5	6	0	27
TUBIFICIDAE W/OUT HAIRS	16	5	0	2	23
AULODRILUS PIGUETI	12	0	0	4	16
TUBIFICIDAE SP. WITH HAIRS	15	1	0	0	16
POLYPEDILUM ILLINOENSE	0	14	0	0	14
POLYPEDILUM SCALAENUM	0	0	4	8	12
CAENIS SP.	1	4	3	3	11
TANYTARSUS SP.	1	6	0	3	10
POLYPEDILUM CONVICTUM	0	0	8	1	9
POLYPEDILUM HALTERALE	1	0	0	8	9
BAETIDAE SP.	0	2	3	3	8
STENELMIS SP.	0	0	8	0	8
CALLIBAETIS FLORIDANUS	4	2	0	1	7
GOELDICHIRONOMUS SP.	7	0	0	0	7
DICROTENDIPES SP.	0	5	0	1	6
DERO DIGITATA	2	2	0	1	5
HEBETANCYLUS EXCENTRICUS	0	5	0	0	5
PRISTINA SYNCLITES	3	2	0	0	5
LIMNODRILUS HOFFMEISTERI	1	0	1	2	4
SLAVINA APPENDICULATA	1	3	0	0	4
STENONEMA EXIGUUM	0	0	4	0	4
STEPHENSONIANA TRIVANDRANA	1	1	0	2	4
CHIRONOMUS SP.	1	0	0	2	3
CORBICULA FLUMINEA	0	2	1	0	3
CORYNONEURA SP.	0	0	3	0	3
ENALLAGMA SP.	1	2	0	0	3
LAEVAPEX FUSCUS	0	0	1	2	3
MACROMA GEORGINA	0	0	3	0	3
PARACHIRONOMUS SP.	1	1	0	1	3
TIPULIDAE SP.	3	0	0	0	3
VIVIPARUS GEORGIANUS	3	0	0	0	3
ABLABESMYIA MALLOCHI	0	0	2	0	2
COENAGRIONIDAE SP.	0	1	0	1	2
CRICOTOPUS SP.	0	2	0	0	2

TABLE 1. (CONTINUED)

Taxa	Site				Total
	1	2	5	6	
DUBIRAPHIA SP.	0	0	2	0	2
ENTOMOBRYIDAE SP.	0	0	0	2	2
MYZOBDELLA LUGUBRIS	1	1	0	0	2
NAIS COMMUNIS	0	2	0	0	2
NIMBOCERA PINDERI	0	0	0	2	2
PRISTINA PROBOSCIDEA	0	2	0	0	2
STENONEMA FLORIDENSE	0	0	2	0	2
ABLABESMYIA RHAMPHE	0	0	0	1	1
ARGIA SP.	0	0	1	0	1
ASHEUM BECKAE	0	1	0	0	1
BAETIS SP.	0	0	1	0	1
CAMBARINAE SP.	1	0	0	0	1
CLINOTANYPUS SP.	1	0	0	0	1
DERO VAGA	0	1	0	0	1
ENCHYTRAEIDAE SP.	0	1	0	0	1
GOMPHIDAE SP.	0	1	0	0	1
HELOBDELLA TRISERIALIS	1	0	0	0	1
HYDRA SP.	0	0	1	0	1
HYDROPHILUS SP.	1	0	0	0	1
LABRUNDINIA SP.	0	1	0	0	1
MAYATRICHIA SP.	0	0	1	0	1
MONOPELOPIA BOLIEKAE	0	0	0	1	1
ODONTOMYIA SP.	1	0	0	0	1
PARACLADOPELMA SP.	0	1	0	0	1
PARALAUTERBORNIELLA SP.	0	0	0	1	1
PELTODYTES CF. DIETRICH	0	0	1	0	1
PENTANEURA SP.	0	1	0	0	1
PRISTINA LEIDYI	0	1	0	0	1
REOTANYTARSUS SP.	0	0	1	0	1
SIMULIIDAE SP.	0	0	1	0	1
STENONEMA SP.	0	0	1	0	1
TANYPUS SP.	0	0	0	1	1
ZAVRELIELLA SP.	0	0	0	1	1
TOTAL ORGANISMS	127	156	60	61	404
RICHNESS (TOTAL TAXA)	26	32	24	25	69
SHANNON DIVERSITY	1.091	1.009	1.254	1.273	
SIMPSON'S DIVERSITY	0.886	0.763	0.945	0.946	
EQUITABILITY	0.475	0.319	0.747	0.749	
DENSITY (ORGANISMS/M ²)	N/A	N/A	N/A	N/A	

TABLE 2. RESULTS OF PETITE PONAR SAMPLING WITHIN STATIONS 3 AND 4 OF HUDSON BAYOU, SARASOTA COUNTY MONITORING PROGRAM, SARASOTA, COUNTY, FLORIDA, DECEMBER 1999

TAXA	SITE	
	3	4
STREBLOSPIO BENEDICTI	0	16
MONTICELINA DORSOBRANCHIALIS	2	2
PSEUDOPOLYDORA SP. A	0	3
HARGERIA REPAX	2	0
ONUPHIDAE SP.	2	0
TUBIFICIDAE W/OUT HAIRS	2	0
TUBIFICOIDES BROWNAE	2	0
ALPHEUS ESTUARIUS	0	1
GRANDIDIERELLA BONNIEROIDES	1	0
MYSIDOPSIS BAHIA	0	1
OPHRYOTROCHA SP. A	1	0
OXYUROSTYLUS CF. SMITHI	1	0
PODARKIOPSIS LEVIFUSCINA	0	1
PRIONOSPION HETEROBRANCHIA	0	1
SPIOCHAETOPTERUS COSTARUM	1	0
TOTAL ORGANISMS	14	25
RICHNESS (TOTAL TAXA)	9	7
SHANNON DIVERSITY (10)	0.931	0.546
SIMPSON'S DIVERSITY	0.945	0.587
EQUITABILITY	0.948	0.502
DENSITY (ORGANISMS/M ²)	193	346

TABLE 3. COMPREHENSIVE PHYLOGENETIC SPECIES LIST OF BENTHIC MACROINVERTEBRATES COLLECTED BY DIP NET WITHIN PHILLIPPI CREEK AND MYAKKAHATCHEE CREEK, SARASOTA COUNTY, DECEMBER 1999

CNIDARIA
HYDROZOA
HYDROIDA
HYDRIDAE
HYDRA SP.

ANNELIDA
OLIGOCHAETA
TUBIFICIDA
ENCHYTRAEIDAE
ENCHYTRAEIDAE SP.
NAIDIDAE
DERO DIGITATA
DERO VAGA
NAIS COMMUNIS
NAIS PARDALIS
PRISTINA LEIDYI
PRISTINA PROBOSCIDEA
PRISTINA SYNCLITES
SLAVINA APPENDICULATA
STEPHENSONIANA TRIVANDRANA
TUBIFICIDAE
TUBIFICIDAE SP. W/OUT
TUBIFICIDAE SP. W/
AULODRILUS FIGUETI
ILYODRILUS TEMPLETONI
LIMNODRILUS HOFFMEISTERI
HIRUDINEA
RHYNCHOBDELLIDA
GLOSSIPHONIIDAE
HELOBDELLA TRISERIALIS
PISCICOLIDAE
MYZOBDELLA LUGUBRIS

MOLLUSCA
GASTROPODA
MESOGASTROPODA
VIVIPARIDAE

TABLE 3. (CONTINUED)

VIVIPARUS GEORGIANUS
LIMNOPHYLA
ANCYLIDAE
ANCYLIDAE SP.
HEBETANCYLUS EXCENTRICUS
LAEVAPEX FUSCUS
BIVALVIA
HETERODONTA
CORBICULIDAE
CORBICULA FLUMINEA

ARTHROPODA
CRUSTACEA
AMPHIPODA
HYALELLIDAE
HYALELLA AZTECA
DECAPODA
PALAEMONIDAE
PALAEMONETES PALUDOSUS
ASTACIDAE
CAMBARINAE SP.
INSECTA
COLLEMBOLA
ENTOMOBRYIDAE
ENTOMOBRYIDAE SP.
EPHEMEROPTERA
CAENIDAE
CAENIS SP.
HEPTAGENIIDAE
STENONEMA SP.
STENONEMA EXIGUUM
STENONEMA FLORIDENSE
BAETIDAE
BAETIDAE SP.
BAETIS SP.
CALLIBAETIS FLORIDANUS

ODONATA
GOMPHIDAE
GOMPHIDAE SP.
COENAGRIONIDAE

TABLE 3. (CONTINUED)

COENAGRIONIDAE SP.
ARGIA SP.
ENALLAGMA SP.
 MACROMIIDAE
MACROMIA GEORGINA
 TRICHOPTERA
 HYDROPTILIDAE
MAYATRICHIA SP.
 COLEOPTERA
 COLEOPTERA SP.
 HALIPLIDAE
PELTODYTE CF. DIETRICH
 ELMIDAE
DUBIRAPHIA SP.
STENELMIS SP.
 HYDROPHYLIDAE
HYDROPHYLUS SP.
 DIPTERA
 TIPULIDAE
 TIPULIDAE SP.
 SIMULIIDAE
 SIMULIIDAE SP.
 STRATIOMYIDAE
ONTOMYIA SP.
 CHIRONOMIDAE
ABLABESMYIA MALLOCHI
ABLABESMYIA RHAMPHE
ASHEUM BECKAE
CHIRONOMUS SP.
CLINOTANYPUS SP.
CORYNONEURA SP.
CRICOTOPUS SP.
DICROTENDIPES SP.
GOELDICHIRONOMUS SP.
LABRUNDINIA SP.
MONOPELOPIA BOLIEKAE
NIMBOCERA PINDERI
PARACHIRONOMUS SP.
PARACLOPELMA SP.
PARALAUTERBORNIELLA SP.

TABLE 3. (CONTINUED)

PENTANEURA SP.
POLYPEDILUM CONVICTUM
POLYPEDILUM HALTERALE
POLYPEDILUM ILLINOENSE
POLYPEDILUM SCALAENUM
RHEOTANYTARSUS SP.
TANYPUS SP.
TANYTARSUS SP.
ZAVRELIELLA SP.

TABLE 4. COMPREHENSIVE PHYLOGENETIC SPECIES LIST OF
MACROINVERTEBRATES COLLECTED BY PETITE PONAR WITHIN
HUDSON BAYOU, SARASOTA COUNTY, DECEMBER 1999

ANNELIDA

POLYCHAETA

HESIONIDAE

PODARKIOPSIS LEVIFUSCINA

EUNICIDA

ONUPHIDAE

ONUPHIDAE SP.

DORVILLEIDAE

OPHRYOTROCHIA SP.

SPIONIDA

CHAETOPTERIDAE

SPIOCHAETOPTERUS COSTARUM

SPIONIDAE

PRIONOSPION HETEROBRANCHIA

PSEUDOPOLYDORA SP. A

STREBLOSPIO BENEDICTI

CIRRATULIDAE

MONTICELLINA DORSOBANCHIALIS

OLIGOCHAETA

TUBIFICIDA

TUBIFICIDAE

TUBIFICIDAE SP. W/OUT HAIR SETAE

TUBIFICOIDES BROWNAE

MOLLUSCA

BIVALVIA

BIVALVIA SP.

ARTHIROPODA

CRUSTACEA

MYSIDACEA

MYSIDAE

MYSIDOPSIS BAHIA

CUMACEA

DIASTYLIDAE

OXYUROSTYLUS CF. SMITHI

TANAIDACEA

PARATANAIDAE

HARGERIA REPAX

TABLE 4. (CONTINUED)

AMPHIPODA

AORIDAE

GRANDIDIERELLA BONNIEROIDES

DECAPODA

ALPHEIDAE

ALPHEUS ESTUARIENSIS

Appendix A

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
PHYSICAL/CHEMICAL CHARACTERIZATION FIELD DATA SHEET (NEW 9/91)

Submitting Agency Code: _____	STORET Station Number: _____	DATE (M/D/Y): 12/6/99	TIME: _____	Receiving Body of Water: Phillippi Creek
Submitting Agency Name: _____				

REMARKS: _____	LOCATION: Site No. 1	FIELD ID/NAME: _____

RIPARIAN ZONE/INSTREAM FEATURES

Predominant Surrounding Land-Use (specify relative percent in each category):

Forest	Field/Pasture	Agricultural	Residential	Commercial	Industrial	Other (Specify)
		100%				

Local Watershed Erosion (check box): None ☒ Moderate ☐ Heavy ☐

Local Watershed NPS Pollution (check box): No evidence ☐ Some potential sources ☒ Obvious sources ☐

Point-Source Pollution (list location and describe): _____

Estimated System Width (range, m): 20 Estimated System Depth (range, m): 0.0-1.6

High Water Mark (m above bed): 2.5 Velocity (range, m/s): 0.0-0.1

Canopy Cover %: Open: ☒ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐

SEDIMENT/SUBSTRATE

Sediment Odors: Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Anaerobic: ☒ Other: ☐

Sediment Oils: Absent: ☒ Slight: ☐ Moderate: ☐ Profuse: ☐

Sediment Deposits: Sludge: ☐ Paper Fiber: ☒ Mud: ☒ Sand: ☐ Shell: ☐ Other: ☒ Garbage

Substrate Types	% coverage	# times sampled	Method	Substrate Types	% coverage	# times sampled	Method
Woody Debris (Snags)				Riffles			
Leaf Packs				Sand			
Aquatic Vegetation	50	10	Dip	Mud/Muck/Silt	50	10	Dip
Rock or Shell Rubble				Benthic Leaf Mats			
Undercut Banks/Roots				Other			

WATER QUALITY

	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm):	Secchi (m):
Top	0.2	18.6	6.7	5.6	539	
Mid-depth	1.0	18.4	6.7	5.6	541	
Bottom	1.6	18.6	6.5	5.2	541	

System Type: Stream: ☐ (Sand Bottomed Swamp & Bog Alluvial Sand Bot w/Spring Calcareous Misc.) Lake: ☐ Wetland: ☐ Estuary: ☐ Other: ☒ Channelized Creek

Water Odors (check box): Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Other: ☐

Water Surface Oils (check box): None: ☒ Sheen: ☐ Globbs: ☐ Slick: ☐

Clarity (check box): Clear: ☐ Slightly turbid: ☐ Turbid: ☐ Opaque: ☒

Color (check box): Tannic: ☒ Green (algae): ☐ Clear: ☐ Other: ☐

Weather Conditions	Abundance:	Absent	Rare	Common	Abundant
Periphyton		☐	☐	☒	☐
60% cloud cover, mid 70's.	Fish	☐	☐	☒	☐
	Aquatic Macrophytes	☐	☐	☒	☐
	Iron/sulfur Bacteria	☒	☐	☐	☐

SAMPLING TEAM: Thomas Dostal/Arthur Perkins	SIGNATURE: _____	DATE: _____

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
FRESHWATER BENTHIC HABITAT ASSESSMENT FIELD DATA SHEET

SUBMITTING AGENCY LOGO	STORET STATION NUMBER	DATE (MM/DD/YY)	RECEIVING BODY OF WATER
SUBMITTING AGENCY NAME		12/6/99	Phillippi Creek

REMARKS	LOCATION	FIELD ID NAME	RECEIVING BODY OF WATER
	Site No. 1		

Bottom Substrate	Excellent	Good	Fair	Poor
Score				
Bottom Substrate/ Available Cover	Greater than 40% snags, logs, tree roots, emergent vegetation, leaf packs, undercut banks, rubble, or other stable habitat.	20% to 40% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Adequate habitat.	5% to 20% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Less than desirable habitat.	Less than 5% snag logs, tree roots, emergent vegetation, leaf packs, etc. Lack of habitat is obvious.
8	23-30 points	16-22 points	8-15 points	0-7 points
Water Velocity	Max. observed: >0.3 m/sec, but <1 m/sec	Max. observed; 0.1 to 0.3 m/sec	Max. observed; 0.05 to 0.1 m/s	Max. observed, <0.05 m/sec, or spate occurring; >2 m/sec
2	23-30 points	16-22 points	8-15 points	0-7 points
Artificial Channel/ Flow Alteration	No artificial channelization. Little activity (impervious surface) in watershed which would cause scouring during spates.			Artificially channelized, or scouring present during spates because of excess impervious surface in watershed.
0	12-15 points			0-3 points
Bank Stability	Stable. No evidence of erosion or bank failure. Little potential for future problems.	Moderately stable. Infrequent or small areas of erosion, mostly healed over.	Moderately unstable. Moderate areas of erosion, high erosion potential during floods.	Unstable. Many raw, eroded areas. Obvious bank sloughing.
8	9-10 points	6-8 points	3-5 points	0-2 points
Riparian Zone Vegetation Quality	Over 80% of streambank surfaces consist of native plants, classified as: bottomland hardwoods, understory shrubs, or non-woody macrophytes.	50% to 80% of riparian zone is vegetated, but one class of plants is not represented.	25% to 50% of riparian zone is vegetated, but one or two classes of plants are not represented.	Less than 25% of streambanks surfaces are vegetated. Poor plant community (e.g. grass monoculture) present.
0	9-10 points	6-8 points	3-5 points	0-2 point
Adjustments	Add 5 points if cross-sectional area of low is estimated to be greater than one square meter during periods of normal flow.			TOTAL SCORE
5				23

COMMENTS

ANALYSIS DATE: 12/6/99	ANALYST: Tom Dostal/Arthur Perkins	SIGNATURE

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
PHYSICAL/CHEMICAL CHARACTERIZATION FIELD DATA SHEET (Version 4)

SUBMITTING AGENCY CODE: _____	STORET SYSTEM NUMBER: _____	DATE (MM/YY):	TEST: _____	RECEIVING BODY OF WATER:
SUBMITTING AGENCY NAME: _____		12/6/99		Phillippi Creek

REMARKS: _____	LOCATION: Site No. 2	FIELD ID/NAME: _____

RIPARIAN ZONE/INSTREAM FEATURES

Predominant Surrounding Land-Use (specify relative percent in each category):

Forest	Field/Pasture	Agricultural	Residential	Commercial	Industrial	Other (Specify)
			100			

Local Watershed Erosion (check box): None ☐ Moderate ☐ Heavy ☐

Local Watershed NPS Pollution (check box): No evidence ☐ Some potential sources ☒ Obvious sources ☐

Point-Source Pollution (list location and describe): Wastewater Treatment Plant Upstream

Estimated System Width (range, m):	20	Estimated System Depth (range, m):	0.0-1.5	Yes ☐
High Water Mark (m above bed):	2.0	Velocity (range, m/s):	0.0-0.1	Impounded ☐
Canopy Cover %: Open: ☒	Lightly Shaded (11-45%): ☐	Moderately Shaded (46-80%): ☐	Heavily Shaded: ☐	Channelized ☒

SEDIMENT/SUBSTRATE

Sediment Odors: Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Anaerobic: ☐ Other: ☐

Sediment Oils: Absent: ☒ Slight: ☐ Moderate: ☐ Profuse: ☐

Sediment Deposits: Sludge: ☐ Paper Fiber: ☐ Mud: ☒ Sand: ☒ Shell: ☐ Other: ☐

Substrate Types	% coverage	# times sampled	Method	Substrate Types	% coverage	# times sampled	Method
Woody Debris (Snags)	33	7	Dip	Riffles			
Leaf Packs				Sand	33	6	Dip
Aquatic Vegetation	34	7	Dip	Mud/Muck/Silt			
Rock or Shell Rubble				Benthic Leaf Mats			
Undercut Banks/Roots				Other			

WATER QUALITY

	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm):	Secchi (m):
Top	0.1	20.6	7.2	8.8	712	
Mid-depth	0.7	20.5	7.1	8.9	713	
Bottom	1.9	20.4	7.1	9.1	711	

System Type: Stream: ☐ (Sand Bottomed Swamp & Bog Alluvial Lake: ☐ Wetland: ☐ Estuary: ☐ Other: ☒ Channelized Creek

Water Odors (check box): Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Other: ☐

Water Surface Oils (check box): None: ☒ Sheen: ☐ Globbs: ☐ Slick: ☐

Clarity (check box): Clear: ☒ Slightly turbid: ☐ Turbid: ☐ Opaque: ☐

Color (check box): Tannic: ☐ Green (algae): ☒ Clear: ☐ Other: ☐

Weather Conditions	Abundance:	Absent	Rare	Common	Abundant
Periphyton		☐	☐	☒	☐
60% cloud cover, mid 70's.	Fish	☐	☐	☐	☒
	Aquatic Macrophytes	☐	☐	☒	☐
	Iron/sulfur Bacteria	☒	☐	☐	☐

SAMPLING TEAM: Thomas Dostal/Arthur Perkins	SIGNATURE: _____	DATE: _____

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
FRESHWATER BENTHIC HABITAT ASSESSMENT FIELD DATA SHEET

SUBMITTING AGENCY CODE _____	STORED SECTION NUMBER _____	DATE (MM/DD/YY) 12/6/99	REFLECTING BODY OF WATER Phillippi Creek
SUBMITTING AGENCY NAME _____			

REMARKS _____	LOCATION Site No. 2	FIELD ID NAME _____	REFLECTING BODY OF WATER _____

Bottom Substrate				
Score	Excellent	Good	Fair	Poor
Bottom Substrate/ Available Cover	Greater than 40% snags, logs, tree roots, emergent vegetation, leaf packs, undercut banks, rubble, or other stable habitat. 23-30 points	20% to 40% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Adequate habitat. 16-22 points	5% to 20% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Less than desirable habitat. 8-15 points	Less than 5% snag logs, tree roots, emergent vegetation, leaf packs, etc. Lack of habitat is obvious. 0-7 points
10				
Water Velocity	Max observed: >0.3 m/sec. but <1 m/sec 23-30 points	Max. observed; 0.1 to 0.3 m/sec 16-22 points	Max. observed; 0.05 to 0.1 m/s 8-15 points	Max. observed; <0.05 m/sec, or spate occurring; >2 m/sec 0-7 points
3				
Artificial Channel/ Flow Alteration	No artificial channelization. Little activity (impervious surface) in watershed which would cause scouring during spates. 12-15 points			Artificially channelized, or scouring present during spates because of excess impervious surface in watershed. 0-3 points
0				
Bank Stability	Stable. No evidence of erosion or bank failure. Little potential for future problems. 9-10 points	Moderately stable. Infrequent or small areas of erosion, mostly healed over. 6-8 points	Moderately unstable. Moderate areas of erosion, high erosion potential during floods. 3-5 points	Unstable. Many raw, eroded areas. Obvious bank sloughing. 0-2 points
5				
Riparian Zone Vegetation Quality	Over 80% of streambank surfaces consist of native plants, classified as: bottomland hardwoods, understory shrubs, or non-woody macrophytes. 9-10 points	50% to 80% of riparian zone is vegetated, but one class of plants is not represented. 6-8 points	25% to 50% of riparian zone is vegetated, but one or two classes of plants are not represented. 3-5 points	Less than 25% of streambanks surfaces are vegetated. Poor plant community (e.g. grass monoculture) present. 0-2 point
1				
Adjustments	Add 5 points if cross-sectional area of low is estimated to be greater than one square meter during periods of normal flow.			TOTAL SCORE
5				24

COMMENTS _____

ANALYSIS DATE: 12/6/99	ANALYST: Tom Dostal/Arthur Perkins	SIGNATURE _____

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
PHYSICAL/CHEMICAL CHARACTERIZATION FIELD DATA SHEET (Version 4)

Submitting Agency Code: _____	STORY STATION NUMBER: _____	DATE (MM/YY): 12/6/99	TIME: _____	RECEIVING BODY OF WATER: Hudson Bayou at Osprey Avenue
Submitting Agency Name: _____				

REMARKS: _____	LOCATION: Site No. 3	FILE ID/NAME: _____

RIPARIAN ZONE/INSTREAM FEATURES

Predominant Surrounding Land-Use (specify relative percent in each category):						
Forest	Field/Pasture	Agricultural	Residential 80	Commercial 20	Industrial	Other (Specify)
Local Watershed Erosion (check box): None ☒ Moderate ☐ Heavy ☐						
Local Watershed NPS Pollution (check box): No evidence ☐ Some potential sources ☐ Obvious sources ☒						
Point-Source Pollution (list location and describe): _____						

Estimated System Width (range, m):	30	Estimated System Depth (range, m):	0.0-3.0	Impounded ☐	Yes ☐
High Water Mark (m above bed):	1	Velocity (range, m/s):	0.0-0.1	Channelized ☒	
Canopy Cover %: Open: ☐ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐					

SEDIMENT/SUBSTRATE

Sediment Odors: Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Anaerobic: ☒ Other: ☐
Sediment Oils: Absent: ☒ Slight: ☐ Moderate: ☐ Profuse: ☐
Sediment Deposits: Sludge: ☐ Paper Fiber: ☐ Mud: ☐ Sand: ☐ Shell: ☒ Other: ☐

Substrate Types	% coverage	# times sampled	Method	Substrate Types	% coverage	# times sampled	Method
Woody Debris (Snags)				Riffles			
Leaf Packs				Sand			
Aquatic Vegetation				Mud/Muck/Silt			
Rock or Shell Rubble				Benthic Leaf Mats			
Undercut Banks/Roots				Other			

WATER QUALITY

	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm):	Salinity	Secchi (m):
Top	0.1	20.5	7.8	7.7	44687	29.2	
Mid-depth	1.0	20.0	7.8	7.8	45562	29.5	
Bottom	2.0	20.2	7.9	8.3	15601	29.6	

System Type: Stream: ☐ (Sand Bottomed Swamp & Bog Alluvial Lake: ☐ Wetland: ☐ Estuary: ☐ Other ☒ Bayou
 Sand Bot w/Spring Calcareous Misc.)

Water Odors (check box): Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Other: ☐
Water Surface Oils (check box): None: ☒ Sheen: ☐ Globbs: ☐ Slick: ☐
Clarity (check box): Clear: ☒ Slightly turbid: ☐ Turbid: ☐ Opaque: ☐
Color (check box): Tannic: ☐ Green (algae): ☐ Clear: ☐ Other: ☐

Weather Conditions	Abundance:	Absent	Rare	Common	Abundant
Periphyton	N/A	☐	☐	☐	☐
Fish		☐	☐	☐	☒
Aquatic Macrophytes		☐	☐	☒	☐
Iron/sulfur Bacteria	N/A	☐	☐	☐	☐

SAMPLING TEAM: Thomas Dostal/Arthur Perkins	SIGNATURE: _____	DATE: _____

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
FRESHWATER BENTHIC HABITAT ASSESSMENT FIELD DATA SHEET

SUBMITTING AGENCY CODE _____ SUBMITTING AGENCY NAME _____	STORET STATUS NUMBER _____	DATE (MM/DD/YY) 12/7/99	RECEIVING BODY OF WATER Hudson Bayou at Osprey Avenue

REMARKS	LOCATION Site No. 3	TITLE ID NAME	RECEIVING BODY OF WATER

Bottom Substrate				
Score	Excellent	Good	Fair	Poor
Bottom Substrate/ Available Cover	Greater than 40% snags, logs, tree roots, emergent vegetation, leaf packs, undercut banks, rubble, or other stable habitat. 23-30 points	20% to 40% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Adequate habitat. 16-22 points	5% to 20% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Less than desirable habitat. 8-15 points	Less than 5% snag logs, tree roots, emergent vegetation, leaf packs, etc. Lack of habitat is obvious. 0-7 points
7				
Water Velocity	Max observed: >0.3 m/sec. but <1 m/sec 23-30 points	Max observed: 0.1 to 0.3 m/sec 16-22 points	Max observed: 0.05 to 0.1 m/s 8-15 points	Max. observed: <0.05 m/sec, or spate occurring: >2 m/sec 0-7 points
0				
Artificial Channel/ Flow Alteration	No artificial channelization. Little activity (impervious surface) in watershed which would cause scouring during spates. 12-15 points			Artificially channelized, or scouring present during spates because of excess impervious surface in watershed. 0-3 points
0				
Bank Stability	Stable. No evidence of erosion or bank failure. Little potential for future problems. 9-10 points	Moderately stable. Infrequent or small areas of erosion, mostly healed over. 6-8 points	Moderately unstable. Moderate areas of erosion, high erosion potential during floods. 3-5 points	Unstable. Many raw, eroded areas. Obvious bank sloughing. 0-2 points
10				
Riparian Zone Vegetation Quality	Over 80% of streambank surfaces consist of native plants, classified as: bottomland hardwoods, undersory shrubs, or non-woody macrophytes. 9-10 points	50% to 80% of riparian zone is vegetated, but one class of plants is not represented. 6-8 points	25% to 50% of riparian zone is vegetated, but one or two classes of plants are not represented. 3-5 points	Less than 25% of streambanks surfaces are vegetated. Poor plant community (e.g. grass monoculture) present. 0-2 point
0				
Adjustments	Add 5 points if cross-sectional area of flow is estimated to be greater than one square meter during periods of normal flow.			TOTAL SCORE
5				22

COMMENTS

ANALYSIS DATE: 12/7/99	ANALYST: Tom Dostal/Arthur Perkins	SIGNATURE

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
PHYSICAL/CHEMICAL CHARACTERIZATION FIELD DATA SHEET (Version 4)

ORIGINATING AGENCY CODE	STORET STATION NUMBER	DATE (MM/DD/YY)	TIME	RECEIVING BODY OF WATER
SUBMITTING AGENCY NAME		12/7/99		Hudson Bayou at Orange Avenue

REMARKS	LOCATION Site No. 4	FIELD ID/NAME

RIPARIAN ZONE/INSTREAM FEATURES

Predominant Surrounding Land-Use (specify relative percent in each category):

Forest	Field/Pasture	Agricultural	Residential	Commercial	Industrial	Other (Specify)
			80	20		

Local Watershed Erosion (check box): None ☒ Moderate ☐ Heavy ☐

Local Watershed NPS Pollution (check box): No evidence ☐ Some potential sources ☐ Obvious sources ☒

Point-Source Pollution (list location and describe):

Estimated System Width (range, m):	31	Estimated System Depth (range, m):	0.0-3.0	Yes
High Water Mark (m above bed):	1	Velocity (range, m/s):	0.0-0.1	Impounded ☐
				Channelized ☒

Canopy Cover %: Open: ☒ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐

SEDIMENT/SUBSTRATE

Sediment Odors: Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Anaerobic: ☐ Other: ☐

Sediment Oils: Absent: ☒ Slight: ☐ Moderate: ☐ Profuse: ☐

Sediment Deposits: Sludge: ☐ Paper Fiber: ☐ Mud: ☐ Sand: ☐ Shell: ☒ Other: ☐

Substrate Types	% coverage	# times sampled	Method	Substrate Types	% coverage	# times sampled	Method
Woody Debris (Snags)				Riffles			
Leaf Packs				Sand			
Aquatic Vegetation				Mud/Muck/Silt			
Rock or Shell Rubble				Benthic Leaf Mats			
Undercut Banks/Roots				Other			

WATER QUALITY

Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm):	Salinity	Secchi (m):
Top	0.1	19.6	7.7	7.6	44137	28.5
Mid-depth	1.2	19.1	7.7	7.8	45319	29.4
Bottom	2.3	19.2	7.1	7.9	45652	29.7

System Type: Stream: ☐ (Sand Bottomed Swamp & Bog Alluvial Lake: ☐ Wetland: ☐ Estuary: ☐ Other: ☒ Bayou
Sand Bot w/Spring Calcareous Misc.)

Water Odors (check box): Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Other: ☐

Water Surface Oils (check box): None: ☒ Sheen: ☐ Globbs: ☐ Slick: ☐

Clarity (check box): Clear: ☐ Slightly turbid: ☒ Turbid: ☐ Opaque: ☐

Color (check box): Tannic: ☒ Green (algae): ☐ Clear: ☐ Other: ☐

Weather Conditions	Abundance:	Absent	Rare	Common	Abundant
Periphyton	NA	☐	☐	☐	☐
Clear, Mid 70's.	Fish	☐	☐	☐	☒
	Aquatic Macrophytes	☐	☐	☒	☐
	Iron/sulfur Bacteria	☐	☐	☐	☐

SAMPLING TEAM: Thomas Dostal/Arthur Perkins	SIGNATURE	DATE

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
FRESHWATER BENTHIC HABITAT ASSESSMENT FIELD DATA SHEET

SUBMITTING AGENCY CODE: _____	STORET STATION NUMBER: _____	DATE (MM/YY): 12/7/99	RECEIVING BODY OF WATER: Hudson Bayou at Orange Avenue
SUBMITTING AGENCY NAME: _____			

REMARKS: _____	LOCATION: Site No. 4	FIELD ID NAME: _____	RECEIVING BODY OF WATER: _____

Bottom Substrate	Excellent	Good	Fair	Poor
Score				
Bottom Substrate/ Available Cover	Greater than 40% snags, logs, tree roots, emergent vegetation, leaf packs, undercut banks, rubble, or other stable habitat. 23-30 points	20% to 40% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Adequate habitat. 16-22 points	5% to 20% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Less than desirable habitat. 8-15 points	Less than 5% snag logs, tree roots, emergent vegetation, leaf packs, etc. Lack of habitat is obvious. 0-7 points
7				
Water Velocity	Max. observed: >0.3 m/sec, but <1 m/sec 23-30 points	Max. observed: 0.1 to 0.3 m/sec 16-22 points	Max. observed: 0.05 to 0.1 m/s 8-15 points	Max. observed: <0.05 m/sec, or spate occurring: >2 m/sec 0-7 points
0				
Artificial Channel/ Flow Alteration	No artificial channelization. Little activity (impervious surface) in watershed which would cause scouring during spates. 12-15 points	_____	_____	Artificially channelized, or scouring present during spates because of excess impervious surface in watershed. 0-3 points
0				
Bank Stability	Stable. No evidence of erosion or bank failure. Little potential for future problems. 9-10 points	Moderately stable. Infrequent or small areas of erosion, mostly healed over. 6-8 points	Moderately unstable. Moderate areas of erosion, high erosion potential during floods. 3-5 points	Unstable. Many raw, eroded areas. Obvious bank sloughing. 0-2 points
10				
Riparian Zone Vegetation Quality	Over 80% of streambank surfaces consist of native plants, classified as: bottomland hardwoods, understory shrubs, or non-woody macrophytes. 9-10 points	50% to 80% of riparian zone is vegetated, but one class of plants is not represented. 6-8 points	25% to 50% of riparian zone is vegetated, but one or two classes of plants are not represented. 3-5 points	Less than 25% of streambanks surfaces are vegetated. Poor plant community (e.g. grass monoculture) present. 0-2 point
0				
Adjustments	Add 5 points if cross-sectional area of flow is estimated to be greater than one square meter during periods of normal flow.			TOTAL SCORE
5				22

COMMENTS

ANALYSIS DATE: 12/7/99	ANALYST: Tom Dostal/Arthur Perkins	SIGNATURE: _____

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
PHYSICAL/CHEMICAL CHARACTERIZATION FIELD DATA SHEET (Version 4)

CONVINCING AGENCY CODE:	STATION NUMBER	DATE (MM/DD/YY)	TIME	RECEIVING BODY OF WATER
SUBMITTING AGENCY NAME:		12/6/99		Myakkahatchee Creek

REMARKS	LOCATION Site No. 5	FIELD ID/NAME

RIPARIAN ZONE/INSTREAM FEATURES

Predominant Surrounding Land-Use (specify relative percent in each category):

Forest	Field/Pasture	Agricultural	Residential	Commercial	Industrial	Other (Specify)
90			10			

Local Watershed Erosion (check box): None ☐ Moderate ☒ Heavy ☐

Local Watershed NPS Pollution (check box): No evidence ☐ Some potential sources ☒ Obvious sources ☐

Point-Source Pollution (list location and describe):

Estimated System Width (range, m):	8	Estimated System Depth (range, m):	0 - 1	Impounded ☐	Yes
High Water Mark (m above bed):	1	Velocity (range, m/s):	1	Channelized ☒	
Canopy Cover %: Open: ☐ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☒ Heavily Shaded: ☐					

SEDIMENT/SUBSTRATE

Sediment Odors: Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Anaerobic: ☐ Other: ☐

Sediment Oils: Absent: ☒ Slight: ☐ Moderate: ☐ Profuse: ☐

Sediment Deposits: Sludge: ☐ Paper Fiber: ☐ Mud: ☒ Sand: ☒ Shell: ☐ Other: ☐

Substrate Types	% coverage	# times sampled	Method	Substrate Types	% coverage	# times sampled	Method
Woody Debris (Snags)				Riffles			
Leaf Packs	34	7	Dip	Sand	33	6	Dip
Aquatic Vegetation				Mud/Muck/Silt			
Rock or Shell Rubble				Benthic Leaf Mats			
Undercut Banks/Roots	33	7	Dip	Other			

WATER QUALITY

	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm):	Secchi (m):
Top	0.1	20.2	7.5	9.6	569	
Mid-depth						
Bottom	0.6	20.3	7.7	10.2	569	

System Type: Stream: ☒ (Sand Bottomed Swamp & Bog Alluvial Lake: ☐ Wetland: ☐ Estuary: ☐ Other: ☐
Sand Bot w/Spring Calcareous Misc.)

Water Odors (check box): Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Other: ☐

Water Surface Oils (check box): None: ☒ Sheen: ☐ Globbs: ☐ Slick: ☐

Clarity (check box): Clear: ☒ Slightly turbid: ☐ Turbid: ☐ Opaque: ☐

Color (check box): Tannic: ☒ Green (algae): ☐ Clear: ☐ Other: ☐

Weather Conditions	Abundance:	Absent	Rare	Common	Abundant
Periphyton		☐	☐	☐	☐
70% cloud cover, mid 70's.	Fish	☐	☐	☒	☒
	Aquatic Macrophytes	☐	☐	☐	☐
	Iron/sulfur Bacteria	☐	☐	☐	☐

SAMPLING TEAM: Thomas Dostal/Arthur Perkins	SIGNATURE:	DATE:

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
FRESHWATER BENTHIC HABITAT ASSESSMENT FIELD DATA SHEET

SUBMITTING AGENCY CODE: _____	STORED STATION NUMBER: _____	DATE (MM/DD/YY): 12/6/99	REGISTERED BODY OF WATER: Myakkaalatchee Creek
SUBMITTING AGENCY NAME: _____			

REMARKS: _____	LOCATION: Site No. 5	FIELD ID NAME: _____	REGISTERED BODY OF WATER: _____

Bottom Substrate Score	Excellent	Good	Fair	Poor
Bottom Substrate/ Available Cover 8	Greater than 40% snags, logs, tree roots, emergent vegetation, leaf packs, undercut banks, rubble, or other stable habitat. 23-30 points	20% to 40% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Adequate habitat. 16-22 points	5% to 20% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Less than desirable habitat. 8-15 points	Less than 5% snag logs, tree roots, emergent vegetation, leaf packs, etc. Lack of habitat is obvious. 0-7 points
Water Velocity 9	Max. observed: >0.3 m/sec. but <1 m/sec. 23-30 points	Max. observed; 0.1 to 0.3 m/sec. 16-22 points	Max. observed; 0.05 to 0.1 m/s. 8-15 points	Max. observed; <0.05 m/sec, or spate occurring; >2 m/sec. 0-7 points
Artificial Channel/ Flow Alteration 3	No artificial channelization. Little activity (impervious surface) in watershed which would cause scouring during spates. 12-15 points			Artificially channelized, or scouring present during spates because of excess, impervious surface in watershed. 0-3 points
Bank Stability 4	Stable. No evidence of erosion or bank failure. Little potential for future problems. 9-10 points	Moderately stable. Infrequent or small areas of erosion, mostly healed over. 6-8 points	Moderately unstable. Moderate areas of erosion, high erosion potential during floods. 3-5 points	Unstable. Many raw, eroded areas. Obvious bank sloughing. 0-2 points
Riparian Zone Vegetation Quality 10	Over 80% of streambank surfaces consist of native plants, classified as: bottomland hardwoods, understory shrubs, or non-woody macrophytes. 9-10 points	50% to 80% of riparian zone is vegetated, but one class of plants is not represented. 6-8 points	25% to 50% of riparian zone is vegetated, but one or two classes of plants are not represented. 3-5 points	Less than 25% of streambanks surfaces are vegetated. Poor plant community (e.g. grass monoculture) present. 0-2 point
Adjustments 5	Add 5 points if cross-sectional area of low is estimated to be greater than one square meter during periods of normal flow.			TOTAL SCORE 39

COMMENTS:

ANALYSIS DATE: 12/6/99	ANALYST: Tom Dostal/Arthur Perkins	SIGNATURE: _____

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
PHYSICAL/CHEMICAL CHARACTERIZATION FIELD DATA SHEET (Version 4)

SUBMITTING AGENCY CODE: _____	STOREY STATION NUMBER: _____	DATE (MM/DD/YY): 12/6/99	Tide: _____	CREEK OR BODY OF WATER: Myakkahatchee Creek
SUBMITTING AGENCY NAME: _____				

REMARKS: _____	LOCATION: Site No. 6	FIELD NO.: _____

RIPARIAN ZONE/INSTREAM FEATURES

Predominant Surrounding Land-Use (specify relative percent in each category):

Forest	Field/Pasture	Agricultural	Residential	Commercial	Industrial	Other (Specify)
60			20		20	

Local Watershed Erosion (check box): None ☒ Moderate ☐ Heavy ☐
 Local Watershed NPS Pollution (check box): No evidence ☐ Some potential sources ☒ Obvious sources ☐
 Point-Source Pollution (list location and describe): _____

Estimated System Width (range, m):	85	Estimated System Depth (range, m):	3-4		
High Water Mark (m above bed):	5	Velocity (range, m/s):	0.0-0.1	Impounded	☒
			Channelized		☐
Canopy Cover %: Open: ☐ Lightly Shaded (11-45%): ☒ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐					

SEDIMENT/SUBSTRATE

Sediment Odors: Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Anaerobic: ☒ Other: ☐
 Sediment Oils: Absent: ☒ Slight: ☐ Moderate: ☐ Profuse: ☐
 Sediment Deposits: Sludge: ☐ Paper Fiber: ☐ Mud: ☐ Sand: ☒ Shell: ☐ Other: ☐

Substrate Types	% coverage	# times sampled	Method	Substrate Types	% coverage	# times sampled	Method
Woody Debris (Snags)				Riffles			
Leaf Packs				Sand	25	5	Dip
Aquatic Vegetation	50	10	Dip	Mud/Muck/Silt	25	5	Dip
Rock or Shell Rubble				Benthic Leaf Mats			
Undercut Banks/Roots				Other			

WATER QUALITY

Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm):		Secchi (m):
Top	0.1	19.7	7.7	5.9	455	
Mid-depth	1.5	19.7	4.4	7.9	457	
Bottom						

System Type: Stream: ☐ (Sand Bottomed Swamp & Bog Alluvial Lake: ☐ Wetland: ☐ Estuary: ☐ Other ☒ Creek
 Sand Bar w/Spring Calcareous Misc.)

Water Odors (check box): Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Other: ☐
 Water Surface Oils (check box): None: ☒ Sheen: ☐ Globbs: ☐ Slick: ☐
 Clarity (check box): Clear: ☒ Slightly turbid: ☐ Turbid: ☐ Opaque: ☐
 Color (check box): Tannic: ☒ Green (algae): ☐ Clear: ☐ Other: ☐

Weather Conditions	Abundance:	Absent	Rare	Common	Abundant
Periphyton		☐	☐	☐	☐
80% cloud cover, mid 70's	Fish	☐	☐	☐	☒
	Aquatic Macrophytes	☐	☐	☐	☐
	Iron/sulfur Bacteria	☐	☐	☐	☐

SAMPLING TEAM: Thomas Dostal/Arthur Perkins	SIGNATURE: _____	DATE: 12/6/99

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
FRESHWATER BENTHIC HABITAT ASSESSMENT FIELD DATA SHEET

SUBMITTING AGENCY CODE	STORAGE STATION NUMBER	DATE (MM/DD/YY):	RECEIVING BODY OF WATER
SUBMITTING AGENCY NAME		12/6/99	Myakkahatchee Creek

REMARKS	LOCATION	FIELD ID NUMBER	RECEIVING BODY OF WATER
	Site No. 6		

Bottom Substrate				
Score	Excellent	Good	Fair	Poor
Bottom Substrate/ Available Cover	Greater than 40% snags, logs, tree roots, emergent vegetation, leaf packs, undercut banks, rubble, or other stable habitat	20% to 40% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Adequate habitat.	5% to 20% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Less than desirable habitat.	Less than 5% snag logs, tree roots, emergent vegetation, leaf packs, etc. Lack of habitat is obvious.
30	23-30 points	16-22 points	8-15 points	0-7 points
Water Velocity	Max. observed: >0.3 m/sec. but <1 m/sec	Max. observed: 0.1 to 0.3 m/sec	Max. observed: 0.05 to 0.1 m/s	Max. observed: <0.05 m/sec, or spate occurring: >2 m/sec
25	23-30 points	16-22 points	8-15 points	0-7 points
Artificial Channel/ Flow Alteration	No artificial channelization. Little activity (impervious surface) in watershed which would cause scouring during spates.			Artificially channelized, or scouring present during spates because of excess impervious surface in watershed.
14	12-15 points			0-3 points
Bank Stability	Stable. No evidence of erosion or bank failure. Little potential for future problems.	Moderately stable. Infrequent or small areas of erosion, mostly healed over.	Moderately unstable. Moderate areas of erosion, high erosion potential during floods.	Unstable. Many raw, eroded areas. Obvious bank sloughing.
9	9-10 points	6-8 points	3-5 points	0-2 points
Riparian Zone Vegetation Quality	Over 80% of streambank surfaces consist of native plants, classified as: bottomland hardwoods, understory shrubs, or non-woody mesophytes.	50% to 80% of riparian zone is vegetated, but one class of plants is not represented.	25% to 50% of riparian zone is vegetated, but one or two classes of plants are not represented.	Less than 25% of streambanks surfaces are vegetated. Poor plant community (e.g. grass monoculture) present.
10	9-10 points	6-8 points	3-5 points	0-2 point
Adjustments	Add 5 points if cross-sectional area of low is estimated to be greater than one square meter during periods of normal flow.			TOTAL SCORE
5				93

COMMENTS

ANALYSIS DATE: 12/6/99	ANALYST: Tom Hostal/Arthur Perkins	SIGNATURE:

**BIOLOGICAL COMMUNITY ANALYSIS
FOR
"BIG SLOUGH, HUDSON BAYOU
AND PHILLIPI CREEK BASIN,
SARASOTA COUNTY, FLORIDA"**



Ardaman & Associates, Inc.



OFFICES

Orlando, 8008 S. Orange Avenue, Orlando, Florida 32809, Phone (407) 855-3860

Bartow, 1525 Centennial Drive, Bartow, Florida 33830, Phone (941) 533-0858

Cocoa, 1300 N. Cocoa Blvd., Cocoa, Florida 32922, Phone (407) 632-2503

Fort Lauderdale, 3665 Park Central Boulevard North, Pompano Beach, Florida 33064, Phone (954) 969-8788

Fort Myers, 9970 Bavaria Road, Fort Myers, Florida 33913, Phone (941) 768-6600

Miami, 2608 W. 84th Street, Hialeah, Florida 33016, Phone (305) 825-2683

Port Charlotte, 740 Tamiami Trail, Unit 3, Port Charlotte, Florida 33954, Phone (941) 624-3393

Port St. Lucie, 1017 S.E. Holbrook Ct., Port St. Lucie, Florida 34952, Phone (561) 337-1200

Sarasota, 2500 Bee Ridge Road, Sarasota, Florida 34239, Phone (941) 922-3526

Tallahassee, 3175 West Tharpe Street, Tallahassee, Florida 32303, Phone (850) 576-6131

Tampa, 1406 Tech Boulevard, Tampa, Florida 33619, Phone (813) 620-3389

West Palm Beach, 2511 Westgate Avenue, Suite 10, West Palm Beach, Florida 33409, Phone (561) 687-8200

MEMBERS:

A S F E

American Concrete Institute
American Society for Testing and Materials
Florida Institute of Consulting Engineers



Ardaman & Associates, Inc.

Geotechnical, Environmental and
Materials Consultants

January 4, 2000
File No. 97-8710

TO: Sarasota County Government
Transportation Department Stormwater
1301 Cattlemen Road, Building A
Sarasota FL 34232

Attention: Ms. Laura Ammeson

SUBJECT: Biological Community Analysis for Big Slough, Hudson Bayou and Phillippi Creek
Basin, Sarasota County, Florida

Ladies and Gentlemen:

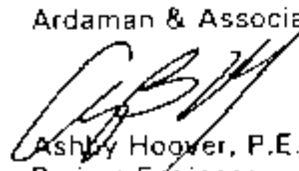
As requested, the wet season biological community sampling and analysis has been conducted at the above referenced sites with regard to Sarasota County Transportation Department Contract No. 98-346, Work Assignment 99-21. This report will document the results of the field sampling and analysis program.

On July 21st and 22nd, 1999, dip net sample collection was performed at the fresh water sites including Stations 1 and 2 in Phillippi Creek and Stations 5 and 6 located in the Myakkahatchee Creek (Big Slough). Petite Ponar sampling of the substratum was performed at brackish water sites 3 and 4 located in Hudson Bayou. The field sampling and analysis was conducted by Vanasse, Hangen, Brustlin, Inc. (VHB). The specific sampling methods and results of the microinvertebrate analysis are summarized in the attached VHB report dated December 22, 1999. The sampling conducted by VHB was considered to be the wet season sampling. The dry season sampling was conducted by VHB on December 6th and 7th of 1999. That report will be forwarded when received by Ardaman & Associates, Inc.

It has been an ongoing pleasure to be of assistance to you with this project. Please contact our office when we may be of further service to you or should you have any questions concerning this report.

Very truly yours,

Ardaman & Associates, Inc.



Ashby Hoover, P.E.
Project Engineer
Eng. Reg. No. 49942



Gary H. Schmidt, P.E.
Vice President
Eng. Reg. No. 12305

AH/GHS:nh



Vanasse Hangen Brustlin, Inc.
Environmental Services Division, SE

December 22, 1999

Mr. Chip Hoover
ARDAMAN & ASSOCIATES, INC.
2500 Bee Ridge Road
Sarasota, Florida 34239

RE: **Macroinvertebrate Analysis of Selected Sites along Phillipi Creek,
Big Slough and Hudson Bayou, Sarasota County, Florida**

Dear Mr. Hoover:

Pursuant to our agreement of July 29, 1999, macroinvertebrate analyses were performed at sites associated with the Sarasota County Monitoring Program. Specifically, qualitative dip net sampling was performed at freshwater sites, which includes Stations 1 and 2 located along Phillippi Creek and Stations 5 and 6 located along Myakkahatchee Creek (Big Slough). Petite ponar sampling of the substratum was performed at brackish water sites 3 and 4 located along Hudson Bayou.

Sampling was conducted on July 21 and 22, 1999. Dip net sample collection generally followed the U.S. Environmental Protection Agency (EPA) Benthic Macroinvertebrate Dip Net Sample Collection procedures (SOP #BA-7) as described below.

A Physical/Chemical Characterization Field Data Sheet and Freshwater Benthic Habitat Assessment Field Data Sheet were filled out at each sampling station. EPA's procedures for completion of these forms were used at the sampling location. Copies of the completed sheets are attached as **Appendix A**.

A dip net with No. 30 mesh was then used to conduct 20 sweeps at each station. Sweeps were concentrated within the major habitat types, as recommended in SOP #BA-7, based on the initial station assessment. The number of 0.5-meter sweeps from each habitat was recorded on the field data sheet. Samples collected in each sweep were placed in individual containers labeled with the date, station number and sweep number. Samples were mixed

5010 U.S. 19 North, Post Office Box 35
Palmetto, Florida 34220-0035
Palmetto: 941.722.6667
Bradenton 941.747.0006
Tampa 813.229.3516
FAX 941.722.8384

Mr. Chip Hoover
December 22, 1999
Page 2

with a solution of 10% formalin and rose bengal to preserve and stain the organisms and returned to the laboratory.

Each sample was then picked pursuant to EPA's Benthic Macroinvertebrate Qualitative (Dip Net) Sample Handling procedures (SOP #BA-8). The contents of each discreet sample were composited and sieved through a 0.5 mm mesh sieve. The entire contents of the 0.5 mm sieve were then placed in a gridded white enamel pan. The pan had 24 numbered grids measuring 5 cm by 5 cm. A random number table was used to select a grid, the contents of which were then removed to another pan for picking. The number of organisms picked was recorded. Picking continued until the entire sample was processed or 100 organisms were picked. Once processing of a grid began, it was completed even if the 100 organism minimum was reached. All samples picked were checked by another technician to provide quality assurance. The total number of organisms and number of grids processed were recorded for each sample. Picked organisms were stored in 70 percent ethanol.

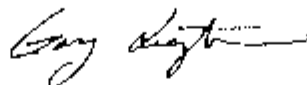
Ponar sampling involved the collection of three replicate samples from the two stations in Hudson Bayou. Following collection, samples were field-sieved through a 0.5 mm mesh sieve, preserved and stained with a formalin/rose bengal solution and returned to the laboratory for picking, sorting and identification to the lowest practical taxa.

Results of the survey are provided in tabular form (Tables 1 and 2). Tables 3 and 4 provide comprehensive phylogenetic species lists of benthic macroinvertebrates collected by Vanasse Hangen Brustlin, Inc. during the dip net sampling and petite ponar sampling, respectively.

Should you have any questions, please do not hesitate to call me.

Sincerely,

VANASSE HANGEN BRUSTLIN, INC.



Gary R. Lightbourn
Environmental Scientist

GRL:bls
Enclosures as Stated

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
PHYSICAL/CHEMICAL CHARACTERIZATION FIELD DATA SHEET (Version 4)

Submitting Agency Code: _____	STORE LOCATION NUMBER: _____	DATE (MM/DD/YY): 7-21-99	TIME: 10:15	RECEIVING BODY OF WATER: Phillippi Creek
Submitting Agency Name: _____				

REMARKS: _____	LOCATION: Site No. 1	FIELD ID/NAME: _____

RIPARIAN ZONE/INSTREAM FEATURES

Predominant Surrounding Land-Use (specify relative percent in each category):

Forest	Field/Pasture	Agricultural	Residential	Commercial	Industrial	Other (Specify)
		100				

Local Watershed Erosion (check box): None ☒ Moderate ☐ Heavy ☐

Local Watershed NPS Pollution (check box): No evidence ☐ Some potential sources ☒ Obvious sources ☐

Point-Source Pollution (list location and describe): _____

Estimated System Width (range, m): 20 Estimated System Depth (range, m): 1

High Water Mark (m above bed): 1 Velocity (range, m/s): 0 - 1

Canopy Cover %: Open: ☒ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐

SEDIMENT/SUBSTRATE

Sediment Odors: Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Anaerobic: ☐ Other: ☐

Sediment Oils: Absent: ☒ Slight: ☐ Moderate: ☐ Profuse: ☐

Sediment Deposits: Sludge: ☐ Paper Fiber: ☐ Mud: ☒ Sand: ☒ Shell ☐ Other: ☒ Garbage

Substrate Types	% coverage	# times sampled	Method	Substrate Types	% coverage	# times sampled	Method
Woody Debris (Snags)				Riffles			
Leaf Packs				Sand			
Aquatic Vegetation	100	10	Sweep	Mud/Muck/Silt	100	10	Sweep
Rock or Shell Rubble				Benthic Leaf Mats			
Undercut Banks/Roots				Other			

WATER QUALITY

	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm):	Secchi (m):
Top						
Mid-depth						
Bottom	1.0	28.4	6.6	3.0	4.75	

System Type: Stream: ☒ (Sand Bottomed Swamp & Bog Alluvial Lake: ☐ Wetland: ☐ Estuary: ☐ Other: ☐
 Sand Bot w/Spring Calcareous Misc.)

Water Odors (check box): Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Other: ☐

Water Surface Oils (check box): None: ☒ Sheen: ☐ Globbs: ☐ Slick: ☐

Clarity (check box): Clear: ☐ Slightly turbid: ☐ Turbid: ☐ Opaque: ☒

Color (check box): Tannic: ☒ Green (algae): ☐ Clear: ☐ Other: ☐

Weather Conditions	Abundance:	Absent	Rare	Common	Abundant
Periphyton		☐	☐	☒	☐
Clear, High 80's.	Fish	☐	☐	☒	☐
	Aquatic Macrophytes	☐	☐	☒	☐
	Iron/sulfur Bacteria	☒	☐	☐	☐

SAMPLING TEAM: Gary Lighthorn	SIGNATURE: _____	Date: _____

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
FRESHWATER BENTHIC HABITAT ASSESSMENT FIELD DATA SHEET

NO AGENCY CODE: _____ SUBMITTER AGENCY NAME: _____	STORET SECTION NUMBER: _____	DATE (MM/DD/YY) 7-21-99	RECEIVING BODY OF WATER Phillippi Creek

REMARKS	LOCATION Site No. 1	FIELD ID NAME	RECEIVING BODY OF WATER

Bottom Substrate					
Score	Excellent	Good	Fair	Poor	
Bottom Substrate/ Available Cover	Greater than 40% snags, logs, tree roots, emergent vegetation, leaf packs, undercut banks, rubble, or other stable habitat. 23-30 points	20% to 40% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Adequate habitat. 16-22 points	5% to 20% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Less than desirable habitat. 8-15 points	Less than 5% snag logs, tree roots, emergent vegetation, leaf packs, etc. Lack of habitat is obvious. 0-7 points	
Water Velocity	Max. observed; >0.3 m/sec. but <1 m/sec. 23-30 points	Max. observed; 0.1 to 0.3 m/sec. 16-22 points	Max. observed; 0.05 to 0.1 m/s. 8-15 points	Max. observed; <0.05 m/sec, or spate occurring; >2 m/sec. 0-7 points	
Artificial Channel/ Flow Alteration	No artificial channelization. Little activity (impervious surface) in watershed which would cause scouring during spates. 12-15 points			Artificially channelized, or scouring present during spates because of excess impervious surface in watershed. 0-3 points	
Bank Stability	Stable. No evidence of erosion or bank failure. Little potential for future problems. 9-10 points	Moderately stable. Infrequent or small areas of erosion, mostly healed over. 6-8 points	Moderately unstable. Moderate areas of erosion, high erosion potential during floods. 3-5 points	Unstable. Many raw, eroded areas. Obvious bank sloughing. 0-2 points	
Riparian Zone Vegetation Quality	Over 80% of streambank surfaces consist of native plants, classified as bottomland hardwoods, understory shrubs, or non-woody macrophytes. 9-10 points	50% to 80% of riparian zone is vegetated, but one class of plants is not represented. 6-8 points	25% to 50% of riparian zone is vegetated, but one or two classes of plants are not represented. 3-5 points	Less than 25% of streambanks surfaces are vegetated. Poor plant community (e.g. grass monoculture) present. 0-2 point	
Adjustments	Add 5 points if cross-sectional area of low is estimated to be greater than one square meter during periods of normal flow.			TOTAL SCORE	
5				21	

COMMENTS

OVER DATE: 7-21-99	ANALYST: Gary Lightbourn	SIGNATURE: _____

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
PHYSICAL/CHEMICAL CHARACTERIZATION FIELD DATA SHEET (Version 4)

FUNDING AGENCY CODE: _____	STORED STATUS NUMBER: _____	DATE (M/D/Y):	TIME:	RECEIVING BODY OF WATER:
SUBMITTING AGENCY NAME: _____		7-21-99	11:10	Phillippi Creek

REMARKS:	LOCATION: Site No. 2	FIELD ID NAME:

RIPARIAN ZONE/INSTREAM FEATURES

Predominant Surrounding Land-Use (specify relative percent in each category):

Forest	Field/Pasture	Agricultural	Residential	Commercial	Industrial	Other (Specify)
			100			

Local Watershed Erosion (check box):	None ☒	Moderate ☐	Heavy ☐
Local Watershed NPS Pollution (check box):	No evidence ☐	Some potential sources ☒	Obvious sources ☐

Point-Source Pollution (list location and describe):

Estimated System Width (range, m):	20	Estimated System Depth (range, m):	1.5		Yes ☐
High Water Mark (m above bed):	2.5	Velocity (range, m/s):	0.25 to 0.6	Impounded	☐
Canopy Cover %:	Open: ☒	Lightly Shaded (11-45%): ☐	Moderately Shaded (46-80%): ☐	Heavily Shaded:	☐

SEDIMENT/SUBSTRATE

Sediment Odors:	Normal: ☒	Sewage: ☐	Petroleum: ☐	Chemical: ☐	Anaerobic: ☐	Other: ☐
Sediment Oils:	Absent: ☒	Slight: ☐	Moderate: ☐	Profuse: ☐		
Sediment Deposits:	Sludge: ☐	Paper Fiber: ☐	Mud: ☒	Sand: ☒	Shell: ☐	Other: ☐

Substrate Types	% coverage	# times sampled	Method	Substrate Types	% coverage	# times sampled	Method
Woody Debris (Snags)				Riffles			
Leaf Packs				Sand	100	10	Dip
Aquatic Vegetation	100	10	Dip	Mud/Muck/Silt			
Rock or Shell Rubble				Benthic Leaf Mats			
Undercut Banks/Roots				Other			

WATER QUALITY

	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm):		Secchi (m):
Top							
Mid-depth							
Bottom	31.0	6.1	5.4	5.3			

System Type: Stream: ☐ (Sand Bottomed Swamp & Bog Alluvial Lake: ☐ Wetland: ☐ Estuary: ☐ Other: _____
 Sand Bot w/Spring Calcareous Misc.):

Water Odors (check box):	Normal: ☒	Sewage: ☐	Petroleum: ☐	Chemical: ☐	Other: ☐
Water Surface Oils (check box):	None: ☒	Sheen: ☐	Globs: ☐	Slick: ☐	
Clarity (check box):	Clear: ☒	Slightly turbid: ☐	Turbid: ☐	Opaque: ☐	
Color (check box):	Tannic: ☐	Green (algae): ☐	Clear: ☒	Other: ☐	

Weather Conditions	Abundance:	Absent	Rare	Common	Abundant
Periphyton		☐	☐	☒	☐
Clear Mid 90's	Fish	☐	☐	☐	☒
	Aquatic Macrophytes	☐	☐	☒	☐
	Iron/sulfur Bacteria	☒	☐	☐	☐

SAMPLING TEAM: Gary Lightbourn	SIGNATURE: _____	DATE: _____

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
FRESHWATER BENTHIC HABITAT ASSESSMENT FIELD DATA SHEET

SFL Agency Code: _____ Submitting Agency Name: _____	STORET STATION NUMBER: _____	DATE (MM/YY): 7-21-99	RECEIVING BODY OF WATER: Phillippi Creek

REMARKS:	LOCATION: Site No. 2	FIELD ID NAME:	RECEIVING BODY OF WATER:

Bottom Substrate	Excellent	Good	Fair	Poor
Score				
Bottom Substrate/ Available Cover	Greater than 40% snags, logs, tree roots, emergent vegetation, leaf packs, undercut banks, rubble, or other stable habitat. 23-30 points	20% to 40% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Adequate habitat. 16-22 points	5% to 20% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Less than desirable habitat. 8-15 points	Less than 5% snag logs, tree roots, emergent vegetation, leaf packs, etc. Lack of habitat is obvious. 0-7 points
10				
Water Velocity	Max. observed; >0.3 m/sec. but <1 m/sec 23-30 points	Max. observed; 0.1 to 0.3 m/sec 16-22 points	Max. observed; 0.05 to 0.1 m/s 8-15 points	Max. observed; <0.05 m/sec, or spate occurring; >2 m/sec 0-7 points
16				
Artificial Channel/ Flow Alteration	No artificial channelization. Little activity (impervious surface) in watershed which would cause scouring during spates. 12-15 points	—	—	Artificially channelized, or scouring present during spates because of excess impervious surface in watershed. 0-3 points
0				
Bank Stability	Stable. No evidence of erosion or bank failure. Little potential for future problems. 9-10 points	Moderately stable. Infrequent or small areas of erosion, mostly healed over. 6-8 points	Moderately unstable. Moderate areas of erosion, high erosion potential during floods. 3-5 points	Unstable. Many raw, eroded areas. Obvious bank sloughing. 0-2 points
6				
Riparian Zone Vegetation Quality	Over 80% of streambank surfaces consist of native plants, classified as: bottomland hardwoods, understory shrubs, or non-woody macrophytes. 9-10 points	50% to 80% of riparian zone is vegetated, but one class of plants is not represented. 6-8 points	25% to 50% of riparian zone is vegetated, but one or two classes of plants are not represented. 3-5 points	Less than 25% of streambanks surfaces are vegetated. Poor plant community (e.g. grass monoculture) present. 0-2 point
6				
Adjustments	Add 5 points if cross-sectional area of low is estimated to be greater than one square meter during periods of normal flow.			TOTAL SCORE
5				43

COMMENTS:

DATE: 7-21-99	ANALYST: Gary Lightbourn	SIGNATURE:

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
PHYSICAL/CHEMICAL CHARACTERIZATION FIELD DATA SHEET (Version 4)

FACILITY CODE: _____	STORET STATION NUMBER: _____	DATE (M/D/Y): 7-22-99	TIME: _____	RECEIVING BODY OF WATER: Sarasota Bay
SUBMITTING AGENCY NAME: _____				

REMARKS: _____	LOCATION: Site No. 3	FOURTH NAME: _____

RIPARIAN ZONE/INSTREAM FEATURES

Predominant Surrounding Land-Use (specify relative percent in each category):						
Forest	Field/Pasture	Agricultural	Residential	Commercial	Industrial	Other (Specify)
			80	20		
Local Watershed Erosion (check box): None ☒ Moderate ☐ Heavy ☐						
Local Watershed NPS Pollution (check box): No evidence ☐ Some potential sources ☐ Obvious sources ☒						
Point-Source Pollution (list location and describe): _____						
Estimated System Width (range, m):		30	Estimated System Depth (range, m):		3	Yes ☐
High Water Mark (m above bed):		1	Velocity (range, m/s):		0-1	Impounded ☐
						Channelized ☒
Canopy Cover %: Open: ☒ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐						

SEDIMENT/SUBSTRATE

Sediment Odors: Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Anaerobic: ☐ Other: ☐							
Sediment Oils: Absent: ☒ Slight: ☐ Moderate: ☐ Profuse: ☐							
Sediment Deposits: Sludge: ☐ Paper Fiber: ☐ Mud: ☒ Sand: ☐ Shell: ☒ Other: ☐							
Substrate Types	% coverage	# times sampled	Method	Substrate Types	% coverage	# times sampled	Method
Woody Debris (Snags)				Riffles			
Leaf Packs				Sand			
Aquatic Vegetation				Mud/Muck/Silt			
Rock or Shell Rubble				Benthic Leaf Mats			
Undercut Banks/Roots				Other			

WATER QUALITY

Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm):	Secchi (m):		
Top							
Mid-depth							
Bottom	3.0	31.7	7.7	45.423			
System Type: Stream: ☐ (Sand Bottomed Swamp & Bog Alluvial Lake: ☐ Wetland: ☐ Estuary: ☐ Other: ☒ Bayou							
Sand Bot w/Spring Calcareous Misc.)							
Water Odors (check box): Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Other: ☐							
Water Surface Oils (check box): None: ☒ Sheen: ☐ Globbs: ☐ Slick: ☐							
Clarity (check box): Clear: ☐ Slightly turbid: ☒ Turbid: ☐ Opaque: ☐							
Color (check box): Tannic: ☒ Green (algae): ☐ Clear: ☐ Other: ☐							
Weather Conditions		Abundance:		Absent	Rare	Common	Abundant
		Periphyton		N/A	☐	☐	☐
Clear. Mid 90's.		Fish		☐	☐	☐	☒
		Aquatic Macrophytes		☐	☐	☒	☐
		Iron/sulfur Bacteria		N/A	☐	☐	☐

SAMPLING TEAM: Gary Lighthourn/	SIGNATURE: _____	DATE: _____

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
FRESHWATER BENTHIC HABITAT ASSESSMENT FIELD DATA SHEET

AGENCY CODE: _____ SUBMITTING AGENCY NAME: _____	STORET STATION NUMBER: _____	DATE (MM/DD/YY): 7-22-99	RECEIVING BODY OF WATER: Sarasota Bay

REMARKS	LOCATION: Site No. 3	FIELD ID NAME	RECEIVING BODY OF WATER

Bottom Substrate	Excellent	Good	Fair	Poor
Score				
Bottom Substrate/ Available Cover	Greater than 40% snags, logs, tree roots, emergent vegetation, leaf packs, undercut banks, rubble, or other stable habitat. 23-30 points	20% to 40% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Adequate habitat. 16-22 points	5% to 20% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Less than desirable habitat. 8-15 points	Less than 5% snag logs, tree roots, emergent vegetation, leaf packs, etc. Lack of habitat is obvious. 0-7 points
7				
Water Velocity	Max. observed: >0.3 m/sec. but <1 m/sec 23-30 points	Max. observed; 0.1 to 0.3 m/sec 16-22 points	Max. observed; 0.05 to 0.1 m/s 8-15 points	Max. observed; <0.05 m/sec, or spate occurring; >2 m/sec 0-7 points
0				
Artificial Channel/ Flow Alteration	No artificial channelization. Little activity (impervious surface) in watershed which would cause scouring during spates. 12-15 points	—	—	Artificially channelized, or scouring present during spates because of excess impervious surface in watershed. 0-3 points
0				
Bank Stability	Stable. No evidence of erosion or bank failure. Little potential for future problems. 9-10 points	Moderately stable. Infrequent or small areas of erosion, mostly healed over. 6-8 points	Moderately unstable. Moderate areas of erosion, high erosion potential during floods. 3-5 points	Unstable. Many raw, eroded areas. Obvious bank sloughing. 0-2 points
10				
Riparian Zone Vegetation Quality	Over 80% of streambank surfaces consist of native plants, classified as: bottomland hardwoods, understory shrubs, or non-woody macrophytes. 9-10 points	50% to 80% of riparian zone is vegetated, but one class of plants is not represented. 6-8 points	25% to 50% of riparian zone is vegetated, but one or two classes of plants are not represented. 3-5 points	Less than 25% of streambanks surfaces are vegetated. Poor plant community (e.g. grass monoculture) present. 0-2 point
0				
Adjustments	Add 5 points if cross-sectional area of low is estimated to be greater than one square meter during periods of normal flow.			TOTAL SCORE
5				22

COMMENTS

LOG DATE: 7-22-99	ANALYST: Gary Lightbourn	SIGNATURE: _____

PHYSICAL/CHEMICAL CHARACTERIZATION FIELD DATA SHEET (version 1)

INQ AGENCY CODE: _____	STORET STATION NUMBER _____	DATE (MM/YY): _____	TIME _____	RECEIVING BODY OF WATER _____
SUBMITTING AGENCY NAME: _____		7-22-99		Sarasota Bay

REMARKS	LOCATION	Site No. 4	Field ID/NAME

RIPARIAN ZONE/INSTREAM FEATURES

Predominant Surrounding Land-Use (specify relative percent in each category):

Forest	Field/Pasture	Agricultural	Residential	Commercial	Industrial	Other (Specify)
			80	20		

Local Watershed Erosion (check box):	None ☒	Moderate ☐	Heavy ☐

Local Watershed NPS Pollution (check box): No evidence ☐ Some potential sources ☐ Obvious sources ☒

Point-Source Pollution (list location and describe):

Estimated System Width (range, m):	31	Estimated System Depth (range, m):	3	Yes ☐
High Water Mark (m above bed):	1	Velocity (range, m/s):	0 - 1	Impounded ☐
				Channelized ☒
Canopy Cover %: Open: ☒ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐				

SEDIMENT/SUBSTRATE

Sediment Odors: Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Anaerobic: ☐ Other: ☐ _____

Sediment Oils: Absent: ☒ Slight: ☐ Moderate: ☐ Profuse: ☐

Sediment Deposits: Sludge: ☐ Paper Fiber: ☐ Mud: ☐ Sand: ☐ Shell: ☒ Other ☐: _____

Substrate Types	% coverage	# times sampled	Method	Substrate Types	% coverage	# times sampled	Method
Woody Debris (Snags)				Riffles			
Leaf Packs				Sand			
Aquatic Vegetation				Mud/Muck/Silt			
Rock or Shell Rubble				Benthic Leaf Mats			
Undercut Banks/Roots				Other			

WATER QUALITY

	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm):		Secchi (m):
Top							
Mid-depth							
Bottom	3.0	32.4	7.7	40	44,887		

System Type: Stream: ☐ (Sand Bottomed Swamp & Bog Alluvial Lake: ☐ Wetland: ☐ Estuary: ☐ Other: ☒ Bayou
Sand Bot w/Spring Calcareous Misc.)

Water Odors (check box): Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Other: ☐

Water Surface Oils (check box) None: ☒ Sheen: ☐ Globbs: ☐ Slick: ☐

Clarity (check box): Clear: ☐ Slightly turbid: ☒ Turbid: ☐ Opaque: ☐

Color (check box): Tannic: ☒ Green (algae): ☐ Clear: ☐ Other: ☐

Weather Conditions	Abundance:	Absent	Rare	Common	Abundant
Clear. Mid 90's.	Periphyton NA	☐	☐	☐	☐
	Fish	☐	☐	☐	☒
	Aquatic Macrophytes	☐	☐	☒	☐
	Iron/sulfur Bacteria N/A	☐	☐	☐	☐

SANITING TEAM: Gary Lightbourn	SIGNATURE	DATE

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
FRESHWATER BENTHIC HABITAT ASSESSMENT FIELD DATA SHEET

SAG AGENCY CODE _____ SUBMITTING AGENCY NAME _____	STATION/STATION NUMBER _____ _____	DATE (M/D/Y) _____ 7-22-99	RECEIVING BODY OF WATER _____ Sarasota Bay

REMARKS	LOCATION	PLOT ID NAME	RECEIVING BODY OF WATER
	Site No. 4		

Bottom Substrate				
Score	Excellent	Good	Fair	Poor
Bottom Substrate/ Available Cover	Greater than 40% snags, logs, tree roots, emergent vegetation, leaf packs, undercut banks, rubble, or other stable habitat.	20% to 40% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Adequate habitat.	5% to 20% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Less than desirable habitat.	Less than 5% snag logs, tree roots, emergent vegetation, leaf packs, etc. Lack of habitat is obvious.
7	23-30 points	16-22 points	8-15 points	0-7 points
Water Velocity	Max. observed: >0.3 m/sec. but <1 m/sec.	Max. observed: 0.1 to 0.3 m/sec.	Max. observed: 0.05 to 0.1 m/s.	Max. observed: <0.05 m/sec, or spate occurring;
0	23-30 points	16-22 points	8-15 points	>2 m/sec 0-7 points
Artificial Channel/ Flow Alteration	No artificial channelization. Little activity (impervious surface) in watershed which would cause scouring during spates.			Artificially channelized, or scouring present during spates because of excess impervious surface in watershed.
0	12-15 points			0-3 points
Bank Stability	Stable. No evidence of erosion or bank failure. Little potential for future problems.	Moderately stable. Infrequent or small areas of erosion, mostly healed over.	Moderately unstable. Moderate areas of erosion, high erosion potential during floods.	Unstable. Many raw, eroded areas. Obvious bank sloughing.
10	9-10 points	6-8 points	3-5 points	0-2 points
Riparian Zone Vegetation Quality	Over 80% of streambank surfaces consist of native plants, classified as bottomland hardwoods, understory shrubs, or non-woody macrophytes.	50% to 80% of riparian zone is vegetated, but one class of plants is not represented.	25% to 50% of riparian zone is vegetated, but one or two classes of plants are not represented.	Less than 25% of streambanks surfaces are vegetated. Poor plant community (e.g. grass monoculture) present.
0	9-10 points	6-8 points	3-5 points	0-2 point
Adjustments	Add 5 points if cross-sectional area of flow is estimated to be greater than one square meter during periods of normal flow.			TOTAL SCORE
5				22

COMMENTS

DATE 7-22-99	ANALYST Gary Lightbourn	SIGNATURE _____

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
PHYSICAL/CHEMICAL CHARACTERIZATION FIELD DATA SHEET (Version 4)

INIT AGENCY CODE _____	STREET STATION NUMBER _____	DATE (MM/YY) _____	TIME _____	REPORTING BOX OR WATER _____
SUBMITTING AGENCY NAME _____		7-21-99		Myakkahatchee Creek

REMARKS	LOCATION	Site No. 5	FIELD ID/NAME

RIPARIAN ZONE/INSTREAM FEATURES

Predominant Surrounding Land-Use (specify relative percent in each category):

Forest	Field/Pasture	Agricultural	Residential	Commercial	Industrial	Other (Specify)
90			10			

Local Watershed Erosion (check box):	None ☐	Moderate ☒	Heavy ☐

Local Watershed NPS Pollution (check box): No evidence ☐ Some potential sources ☒ Obvious sources ☐

Point-Source Pollution (list location and describe):

Estimated System Width (range, m):	8	Estimated System Depth (range, m):	0 - 1	Yes
High Water Mark (m above bed):	1	Velocity (range, m/s):	1	Impounded ☐
				Channelized ☒
Canopy Cover %: Open: ☐	Lightly Shaded (11-45%): ☐	Moderately Shaded (46-80%): ☒	Heavily Shaded: ☐	

SEDIMENT/SUBSTRATE

Sediment Odors: Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Anaerobic: ☐ Other: ☐

Sediment Oils:	Absent:	☒	Slight:	☐	Moderate:	☐	Profuse:	☐

Sediment Deposits: Sludge: ☐ Paper Fiber: ☐ Mud: ☒ Sand: ☐ Shell: ☒ Other: ☐

Substrate Types	% coverage	# times sampled	Method	Substrate Types	% coverage	# times sampled	Method
Woody Debris (Snags)				Riffles			
Leaf Packs	50	7	Dip	Sand	100	6	Dip
Aquatic Vegetation				Mud/Muck/Silt			
Rock or Shell Rubble				Benthic Leaf Mats			
Undercut Banks/Roots	50	7	Dip	Other			

WATER QUALITY

	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm):		Secchi (m):
Top							
Mid-depth							
Bottom	1.5	30.6	6.1	6.3	210		

System Type: Stream: ☒ (Sand Bottomed Swamp & Bog Alluvial Lake: ☐ Wetland: ☐ Estuary: ☐ Other ☐ _____
Sand Bot w/Spring Calcareous Misc.)

Water Odors (check box): Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Other: ☐

Water Surface Oils (check box)	None: ☒	Sheen: ☐	Globs: ☐	Slick: ☐

Clarity (check box): Clear: ☐ Slightly turbid: ☐ Turbid: ☐ Opaque: ☒

Color (check box): Tannic: ☒ Green (algae): ☐ Clear: ☐ Other: ☐

Weather Conditions	Abundance:	Absent	Rare	Common	Abundant
Clear, Mid 90's.	Periphyton	☐	☐	☒	☐
	Fish	☐	☐	☐	☒
	Aquatic Macrophytes	☐	☐	☒	☐
	Iron/sulfur Bacteria	☒	☐	☐	☐

SAMPLING TEAM: Gary Lighthour	SHAWAEE: _____	DATE: _____

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
FRESHWATER BENTHIC HABITAT ASSESSMENT FIELD DATA SHEET

FWS Agency Code: _____ Submitting Agency Name: _____	STORET STATION NUMBER: _____	DATE (MM/DD/YY): 7-21-99	RECEIVING BODY OF WATER: Myakkalatchee Creek

REMARKS	LOCATION Site No. 5	FRESHWATER NAME	RECEIVING BODY OF WATER

Bottom Substrate	Excellent	Good	Fair	Poor
Score				
Bottom Substrate/ Available Cover	Greater than 40% snags, logs, tree roots, emergent vegetation, leaf packs, undercut banks, rubble, or other stable habitat. 23-30 points	20% to 40% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Adequate habitat. 16-22 points	5% to 20% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Less than desirable habitat. 8-15 points	Less than 5% snag logs, tree roots, emergent vegetation, leaf packs, etc. Lack of habitat is obvious. 0-7 points
8				
Water Velocity	Max. observed: >0.3 m/sec, but <1 m/sec 23-30 points	Max. observed; 0.1 to 0.3 m/sec 16-22 points	Max. observed; 0.05 to 0.1 m/s 8-15 points	Max. observed; <0.05 m/sec, or spate occurring; >2 m/sec 0-7 points
30				
Artificial Channel/ Flow Alteration	No artificial channelization. Little activity (impervious surface) in watershed which would cause scouring during spates. 12-15 points	_____	_____	Artificially channelized, or scouring present during spates because of excess impervious surface in watershed. 0-3 points
3				
Bank Stability	Stable. No evidence of erosion or bank failure. Little potential for future problems. 9-10 points	Moderately stable. Infrequent or small areas of erosion, mostly healed over. 6-8 points	Moderately unstable. Moderate areas of erosion, high erosion potential during floods. 3-5 points	Unstable. Many raw, eroded areas. Obvious bank sloughing. 0-2 points
6				
Riparian Zone Vegetation Quality	Over 80% of streambank surfaces consist of native plants, classified as: bottomland hardwoods, understory shrubs, or non-woody macrophytes. 9-10 points	50% to 80% of riparian zone is vegetated, but one class of plants is not represented. 6-8 points	25% to 50% of riparian zone is vegetated, but one or two classes of plants are not represented. 3-5 points	Less than 25% of streambanks surfaces are vegetated. Poor plant community (e.g. grass monoculture) present. 0-2 point
10				
Adjustments	Add 5 points if cross-sectional area of low is estimated to be greater than one square meter during periods of normal flow.			TOTAL SCORE
5				62

COMMENTS

DATE: 7-21-99	ANALYST: Gary Lightbourn	SIGNATURE: _____

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
PHYSICAL/CHEMICAL CHARACTERIZATION FIELD DATA SHEET (Version 4)

NO AGENCY CODE: _____	STORET STATION NUMBER: _____	DATE (MM/YY):	TIME: _____	RECEIVING BODY OF WATER: Myakka Hatchee Creek
SUBMITTING AGENCY NAME: _____		7-21-99		

SITE MARKS: _____	LOCATION: Site No. 6	FIELD ID NAME: _____

RIPARIAN ZONE/INSTREAM FEATURES

Predominant Surrounding Land-Use (specify relative percent in each category):						
Forest 60	Field/Pasture	Agricultural	Residential 20	Commercial	Industrial 20	Other (Specify)
Local Watershed Erosion (check box): None ☒ Moderate ☐ Heavy ☐						
Local Watershed NPS Pollution (check box): No evidence ☐ Some potential sources ☒ Obvious sources ☐						
Point-Source Pollution (list location and describe): _____						
Estimated System Width (range, m):		85	Estimated System Depth (range, m):		3-4	Yes ☐
Velocity (range, m/s):		0.1			0-1	Impounded ☒
						Channelized ☐
Canopy Cover %: Open: ☐ Lightly Shaded (11-45%): ☒ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐						

SEDIMENT/SUBSTRATE

Sediment Odors: Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Anaerobic: ☐ Other: ☐ _____							
Sediment Oils: Absent: ☒ Slight: ☐ Moderate: ☐ Profuse: ☐							
Sediment Deposits: Sludge: ☐ Paper Fiber: ☐ Mud: ☐ Sand: ☒ Shell: ☐ Other: ☐ _____							
Substrate Types	% coverage	# times sampled	Method	Substrate Types	% coverage	# times sampled	Method
Woody Debris (Snags)				Riffles			
Leaf Packs				Sand	100	10	Dip
Aquatic Vegetation	100	10	Dip	Mud/Muck/Silt			
Rock or Shell Rubble				Benthic Leaf Mats			
Undercut Banks/Roots				Other			

WATER QUALITY

	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm):		Secchi (m):
Top							
Mid-depth							
Bottom	1.0	31.6	6.3	4.5	340		
System Type: Stream: ☐ (Sand Bottomed Swamp & Bog Alluvial Lake: ☐ Wetland: ☐ Estuary: ☐ Other: ☒ _____ Sand Bot w/Spring Calcareous Misc.)							
Water Odors (check box): Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Other: ☐ _____							
Water Surface Oils (check box): None: ☒ Sheen: ☐ Globbs: ☐ Slick: ☐							
Clarity (check box): Clear: ☐ Slightly turbid: ☒ Turbid: ☐ Opaque: ☐							
Color (check box): Tannic: ☒ Green (algae): ☐ Clear: ☐ Other: ☐							
Weather Conditions	Abundance:		Absent	Rare	Common	Abundant	
	Periphyton		☐	☐	☒	☐	
Clear, Mid 90's.	Fish		☐	☐	☒	☐	
	Aquatic Macrophytes		☐	☐	☒	☐	
	Iron/sulfur Bacteria		☒	☐	☐	☐	

SAMPLING TEAM: Gary Lightbourn	SIGNATURE: _____	DATE: _____

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
FRESHWATER BENTHIC HABITAT ASSESSMENT FIELD DATA SHEET

FWS Agency Code: _____ Submitting Agency Name: _____	STORED SECTION NUMBER: _____	DATE (DD/MY): 7-21-99	RECEIVING BODY OF WATER: Myakkahatchee Creek

REMARKS	LOCATION: Site No. 6	FIELD ID NAME	RECEIVING BODY OF WATER

Bottom Substrate	Excellent	Good	Fair	Poor
Score				
Bottom Substrate/ Available Cover	Greater than 40% snags, logs, tree roots, emergent vegetation, leaf packs, undercut banks, rubble, or other stable habitat. 23-30 points	20% to 40% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Adequate habitat. 16-22 points	5% to 20% snags, logs, tree roots, emergent vegetation, leaf packs, etc. Less than desirable habitat. 8-15 points	Less than 5% snag logs, tree roots, emergent vegetation, leaf packs, etc. Lack of habitat is obvious. 0-7 points
30				
Water Velocity	Max. observed; >0.3 m/sec. but <1 m/sec 23-30 points	Max. observed; 0.1 to 0.3 m/sec 16-22 points	Max. observed; 0.05 to 0.1 m/s 8-15 points	Max. observed; <0.05 m/sec. or spate occurring; >2 m/sec 0-7 points
1				
Artificial Channel/ Flow Alteration	No artificial channelization. Little activity (impervious surface) in watershed which would cause scouring during spates. 12-15 points	—	—	Artificially channelized, or scouring present during spates because of excess impervious surface in watershed. 0-3 points
12				
Bank Stability	Stable. No evidence of erosion or bank failure. Little potential for future problems. 9-10 points	Moderately stable. Infrequent or small areas of erosion, mostly healed over. 6-8 points	Moderately unstable. Moderate areas of erosion, high erosion potential during floods. 3-5 points	Unstable. Many raw, eroded areas. Obvious bank sloughing. 0-2 points
9				
Riparian Zone Vegetation Quality	Over 80% of streambank surfaces consist of native plants, classified as: bottomland hardwoods, understory shrubs, or non-woody macrophytes. 9-10 points	50% to 80% of riparian zone is vegetated, but one class of plants is not represented. 6-8 points	25% to 50% of riparian zone is vegetated, but one or two classes of plants are not represented. 3-5 points	Less than 25% of streambanks surfaces are vegetated. Poor plant community (e.g. grass monoculture) present. 0-2 point
10				
Adjustments	Add 5 points if cross-sectional area of low is estimated to be greater than one square meter during periods of normal flow			TOTAL SCORE
5				67

COMMENTS

DATE: 7-21-99	ANALYST: Gary Lighthoun	SIGNATURE

TABLE 1. RESULTS OF DIP NET SAMPLING WITHIN STATIONS 1 AND 2 OF PHILLIPI CREEK AND STATIONS 5 AND 6 OF MYAKKAHATCHIEE CREEK, SARASOTA COUNTY MONITORING PROGRAM, SARASOTA, COUNTY FLORIDA, JULY 1999

TAXA	Site				TOTAL
	1	2	5	6	
HYALELLA AZTECA	54	14	3	13	84
TUBIFICIDAE SP. W/OUT HAIRS	35	1	6	5	47
PALAEMONETES SP.	27	0	0	7	34
CAENIS SP.	9	10	4	11	34
TUBIFICIDAE SP. WITH HAIRS	27	0	0	0	27
LIMNODRILUS HOFFMEISTERI	20	0	0	4	24
VIVIPARUS GEORGIANUS	16	0	0	0	16
BAETIDAE SP.	7	0	3	3	13
PALAEMONETES PALUDOSUS	5	0	3	2	10
DERO DIGITATA	2	4	0	3	9
PALPOMYIA/BEZZIA SP.	4	0	0	3	7
CORBICULA FLUMINEA	2	0	2	1	5
CHRSOMELIIDAE SP.	5	0	0	0	5
TANYTARSUS SP.	0	3	2	0	5
CHIRONOMUS SP.	4	0	0	0	4
DUBIRAPHIA SP.	0	2	2	0	4
AULODRILUS PIGUETI	4	0	0	0	4
COENAGRIONIDAE SP.	0	0	0	3	3
TANYPUS SP.	0	0	0	3	3
CRYPTOCHIRONOMUS SP.	1	0	1	1	3
POLYPEDILUM SCALAENUM	0	3	0	0	3
PACHYDIPLAX LONGIPENNIS	1	0	0	2	3
HYDRACARINA SP.	1	2	0	0	3
SPHAERIIDAE SP.	0	0	2	1	3
CLINOTANYPUS SP.	0	0	0	2	2
POLYPEDILUM TRITUM	1	1	0	0	2
CLADOTANYTARSUS SP.	0	1	0	1	2
LIBELLULIDAE SP.	2	0	0	0	2
TANYPODINAE SP.	0	0	0	2	2
CLADOPELMA SP.	1	0	0	1	2
OECETIS SP.	0	2	0	0	2
ENALLAGMA SP.	0	0	1	0	1
STENELMIS SP.	0	0	1	0	1
ILYODRILUS TEMPLETONI	1	0	0	0	1
MESOVELIA SP.	0	0	1	0	1
HELOBDELLA ELONGATA	0	0	0	1	1
CAMBARINAE SP.	1	0	0	0	1
HYDROPHILIDAE SP.	1	0	0	0	1
BEROSUS SP.	0	0	0	1	1

TABLE 1. (CONTINUED)

TAXA	Site				TOTAL
	1	2	5	6	
SLAVINA APPENDICULATA	0	1	0	0	1
HEMIPTERA SP.	1	0	0	0	1
LABRUNDINIA SP.	0	1	0	0	1
POLYPEDILUM HALTERALE	0	1	0	0	1
ANCYLLIDAE SP.	1	0	0	0	1
PELTODYTES SP.	0	0	0	1	1
NAIS VARIABILUS	0	1	0	0	1
SPHAERIUM SP.	1	0	0	0	1
AMBRYCUS SP.	0	1	0	0	1
TOTAL ORGANISMS	234	48	31	71	384
RICHNESS (TOTAL TAXA)	27	16	13	20	
DENSITY (ORGANISMS/M ²)	N/A	N/A	N/A	N/A	
DIVERSITY (H')	0.08	1.99	.45	0.19	
EQUITABILITY	0.45	1.61	1.86	0.70	

TABLE 2. RESULTS OF PETTIE PONAR SAMPLING WITHIN STATIONS 3 AND 4 OF HUDSON BAYOU, SARASOTA COUNTY MONITORING PROGRAM, SARASOTA, COUNTY, FLORIDA, JULY 1999

TAXA	Site		TOTAL
	3	4	
STREBLOSPIO BENEDICTI	3	2	5
AMPELISCA SP.	2	0	2
CIRRIFORMIA SP.	2	0	2
CAPITELLA CAPITATA	2	0	2
HETEROMASTUS FILIFORMIS	2	0	2
MARPHYSA SANGUINEA	2	0	2
MONTICELINA DORSOBRANCHIALIS	1	0	1
LAONEREIS CULVERI	1	0	1
SCHISTOMERINGOS RUDOLPHI	1	0	1
MOOREONUPHIS CF. NEBULOSA	1	0	1
EHLERSIA CORNUTA	1	0	1
PARAPRIONOSPIO PINNATA	0	10	10
CAULLERIELLA SP.	0	9	9
CARAZIELLA BOBSONAE	0	5	5
TUBIFICIDAE SP. W/OUT HAIRS	0	2	2
BIVALVIA SP. A	0	1	1
ALMYRACUMA CF. PROXIMOCULI	0	1	1
TOTAL ORGANISMS	18	30	48
RICHNESS (TOTAL TAXA)	11	7	
DENSITY (ORGANISMS/M ²)	249	415.2	
DIVERSITY (H')	1.0	0.70	
EQUITABILITY	0.93	0.72	

TABLE 3. COMPREHENSIVE PHYLOGENETIC SPECIES LIST OF BENTHIC
MACROINVERTEBRATES COLLECTED BY DIP NET WITHIN PHILLIPPI CREEK
AND MYAKKAHATCHEE CREEK, SARASOTA COUNTY, JULY 1999

ANNELIDA

OLIGOCHAETA

TUBIFICIDA

NAIDIDAE

DERO DIGITATA

NAIS VARIABILIS

SLAVINA APPENDICULATA

TUBIFICIDAE

TUBIFICIDAE SP. W/OUT HAIR SETAE

TUBIFICIDAE SP. W/ HAIR SETAE

AULODRILUS FIGUETI

ILYODRILUS TEMPLETONI

LIMNODRILUS HOFFMEISTERI

HIRUDINEA

RHYNCHOBDELLIDA

GLOSSIPHONIIDAE

HELOBDELLA ELONGATA

MOLLUSCA

GASTROPODA

MESOGASTROPODA

VIVIPARIDAE

VIVIPARUS GEORGIANUS

LIMNOPHYLA

ANCYLIDAE

ANCYLIDAE SP.

BIVALVIA

HETERODONTA

SPHAERIIDAE

SPHAERIIDAE SP.

SPHAERIUM SP.

CORBICULIDAE

CORBICULA FLUMINEA

ARTHROPODA

ARACHNOIDEA

HYDRACARINA

HYDRACARINA SP.

TABLE 3. (CONTINUED)

CRUSTACEA

AMPHIPODA

HYALELLIDAE

HYALELLA AZTECA

DECAPODA

PALAEMONIDAE

PALAEMONETES SP.

PALAEMONETES PALUDOSUS

PALAEMONETES PUGIO

ASTACIDAE

CAMBARINAE SP.

INSECTA

EPHEMEROPTERA

CAENIDAE

BAETIDAE

BAETIDAE SP.

ODONATA

COENAGRIONIDAE

COENAGRIONIDAE SP.

ENALLAGMA SP.

LIBELLULIDAE

PACHYDIPLAX LONGIPENNIS

TRICHOPTERA

LEPTOCERIDAE

OECETIS SP.

HEMIPTERA

HEMIPTERA SP.

NAUCORIDAE

AMBRYUS SP.

MESOVELIIDAE

MESOVELIA SP.

COLEOPTERA

HALIPLIDAE

PELTODYTES SP.

ELMIDAE

DUBIRAPIHA SP.

STENELMIS SP.

HYDROPHYLIDAE

HYDROPHYLIDAE SP.

BEROSUS SP.

CHRYSOMELIDAE

TABLE 3. (CONTINUED)

CHRYSOMELIDAE SP.
DIPTERA
CERATOPOGONIDAE
PALPOMYIA/BEZZIA SP.
CHIRONOMIDAE
CHIRONOMUS SP.
CLADOPELMA SP.
CLINOTANYPUS SP.
CLADOTANYTARSUS SP.
CRYPTOCHIRONOMUS SP.
LABRUNDINIA SP.
POLYPEDILUM HALTERALE
POLYPEDILUM SCALAENUM
POLYPEDILUM TRITUM
TANYPODINAE SP.
TANYPUS SP.
TANYTARSUS SP.

TABLE 4. COMPREHENSIVE PHYLOGENETIC SPECIES LIST OF MACROINVERTEBRATES
COLLECTED BY PETITE PONAR WITHIN HUDSON BAYOU, SARASOTA
COUNTY, JULY 1999

ANNELIDA
POLYCHAETA
PHYLLODOCIDA
SYLLIDAE
EHLERSIA CORNUTA
NEREIDAE
LAENERIS CULVER
EUNICIDA
ONUPHIDAE
MOOREONUPHIS NEBULOSA
DORVILLEIDAE
SCHISTOMERINGOS RUDOLPHI
EUNICIDAE
MARPHYSA SANGUINEA
SPIONIDA
SPIONIDAE
CARRAZZIELLA HOUSONAE
PARAPRIONOSPIO PINNATA
STREBLOSPIO BENEDICTI
CIRRATULIDAE
CAULLERIELLA SP.
CIRRIFORMIA SP.
MONTICELLINA DORSOBANCHIALIS
CAPITELLIDA
CAPITELLIDAE
CAPITELLA CAPITATA
DIETEROMASTUS FILIFORMIS
TEREBELLIDA
TEREBELLIDAE
STREBLOSOMA CF. HARTMANAE
OLIGOCHAETA
TUBIFICIDA
TUBIFICIDAE
TUBIFICIDAE SP. W/OUT HAIR SETAE

TABLE 4. (CONTINUED)

MOLLUSCA

BIVALVIA

BIVALVIA SP.

ARTHROPODA

CRUSTACEA

CUMACEA

NANNASTACIDAE

ALMYRACUMA NR. PROXIMOCULE

AMPHIPODA

AMPELISCIDAE

AMPELISCA SP.

Sampled	Station	Location	Aluminum (ppm)	Cadmium (ppm)	Chromium (ppm)	Copper (ppm)	Lead (ppm)	Zinc (ppm)
12/23/96	Bahia	Phillippi Creek, 50 ft. S. of the Bahia Vista St. bridge, mid stream.	833.000	<0.225	3.610	<2.500	<0.625	<5.000
12/23/96	Coburn	Phillippi Creek at Fruitville Rd., 50 ft. above the weir N. of Fruitville Rd., 8' from shore.	469.000	<0.225	<1.150	<2.500	<0.625	<5.000
12/23/96	I-75	Myakkahatchee Creek, 100 ft. N. of the I-75 bridge, at staff gauge, mid stream.	383	<0.225	<1.150	<2.500	7.720	<5.000
12/23/96	I-75	Duplicate. Myakkahatchee Creek, 100 ft. N. of the I-75 bridge, at staff gauge, mid stream.	274.000	<0.225	<1.150	3.520	<0.625	<5.000
12/23/96	Plant	Myakkahatchee Creek, 100 yds. N. of the dam adjacent to the N. Port water treatment plant, 10' from E. shore line.	5,630.000	<0.225	10.400	<2.500	<0.625	<5.000
12/30/97	Orange	Hudson Bayou at Orange Ave. bridge	4,720.000	0.490	24.500	20.300	62.800	54.400
12/30/97	Osprey	Hudson Bayou at Osprey Ave. bridge	8,460.000	0.730	32.500	12.200	35.700	46.200
12/30/97	Bahia	Phillippi Creek 50 ft. S. of the Bahia Vista St. bridge.	462.000	<0.009	1.540	0.550	2.200	7.650
12/30/97	Coburn	Phillippi Creek at Coburn Rd., 50 ft. above the weir.	15,200.000	1.480	38.200	63.900	27.600	97.800
12/30/97	I-75	Myakkahatchee Creek at I-75, 100 ft. N. of bridge at staff gauge.	2,200.000	0.450	9.900	2.110	1.810	3.740
12/30/97	Plant	Myakkahatchee Creek 100 yards above dam at North Port Water Plant.	10,200.000	<0.009	24.600	9.710	11.100	18.400
07/21/99	Orange	Hudson Bayou at Orange Ave. bridge.	2700	<0.56	19	28	130	68
07/21/99	Osprey	Hudson Bayou at the Osprey Ave. bridge.	1900	<0.41	7.4	9.5	23	36
07/21/99	Bahia	Phillippi Creek, 50 ft. S. of the Bahia Vista St. bridge.	320	<0.33	<3.3	<3.3	1.7	<8.2
07/21/99	Coburn	Duplicate. Phillippi Creek at Coburn Rd., 50 ft. above the weir, duplicate of sample 1.	5500	0.42	14	30	12	58
07/21/99	Coburn	Phillippi Creek at Coburn Rd., 50 ft. above the weir.	6800	0.50	17	36	14	68
07/21/99	I-75	Myakkahatchee Creek, 100 ft. N. of the I-75 bridge.	3000	0.76	10	<3.5	3.8	<8.7
07/21/99	Plant	Myakkahatchee Creek, 100 yds. N. of the dam adjacent to the N. Port water treatment plant	3900	<0.098	7.8	16	4.7	12
12/01/99	Osprey	Hudson Bayou at Osprey Ave.	5200	<0.53	27	23	88	79
12/01/99	Bahia	Phillippi Creek at Bahia Vista St.	330	<0.044	1.3	0.84	1.1	8.7
12/01/99	Coburn	Duplicate - Phillippi Creek at Coburn Rd.	6200	<0.064	12	19	11	37
12/01/99	Coburn	Phillippi Creek at Coburn Rd.	2400	0.070	5.7	22	5.3	19
12/01/99	I-75	Myakkahatchee Creek at I-75.	200	<0.050	0.88	<0.50	0.54	4.6
12/01/99	Plant	Myakkahatchee Creek at North Port Water Plant.	930	<0.065	2.5	1.8	1.4	9.5
12/04/99	Orange	Hudson Bayou at Orange Ave.	2500	<1.4	14	17	29	290
		FDEP Sediment Probable Effects Level		4.21	160	108	112	271
		FDEP Sediment Threshold Effects Level		0.676	52.3	18.7	30.2	124

Sampled	Station	Nitrogen, Total (ppm)	Nitrogen, Total (%)	Nitrate + Nitrite as N (ppm)	Nitrogen, Total Kjeldahl (ppm)	Phosphorous, Total (ppm)	Phosphorous (%)
12/23/96	Bahia		0.030				0.070
12/23/96	Coburn		0.010				0.120
12/23/96	I-75		<0.010				0.060
12/23/96	I-75		<0.010				0.060
12/23/96	Plant		0.040				0.300
12/30/97	Orange		0.180	< 0.010	0.180		0.120
12/30/97	Osprey		0.150	< 0.010	0.150		0.210
12/30/97	Bahia		0.014	<0.010	0.014		0.095
12/30/97	Coburn		0.170	<0.010	0.170		0.130
12/30/97	I-75		<0.010	<0.010	0.008		1.200
12/30/97	Plant		0.067	<0.010	0.067		0.120
07/21/99	Orange		0.17			1400	
07/21/99	Osprey		0.050			500	
07/21/99	Bahia		0.010			1400	
07/21/99	Coburn		0.18			0.090	
07/21/99	Coburn		0.16			730	
07/21/99	I-75		0.010			2400	
07/21/99	Plant		0.20			650	
12/01/99	Osprey	1300				830	
12/01/99	Bahia	270				7500	
12/01/99	Coburn	560				1000	
12/01/99	Coburn	630				1100	
12/01/99	I-75	480				8700	
12/01/99	Plant	960				3600	
12/04/99	Orange	680				390	

Sampled	Station	Organic Matter (%)	Carbon, Total Organic (ppm)	3/4" seive (%)	1/2" seive (%)	3/8" seive (%)	1/4" seive (%)	No 4 seive (%)
12/23/96	Bahia		710.000	100.000	99.800		99.700	
12/23/96	Coburn		1100.000	100.000	100.000		99.900	
12/23/96	I-75		350.000	98.500	98.300		97.100	
12/23/96	I-75		610.000	100.000	99.600		99.100	
12/23/96	Plant		1300.000	100.000	99.900		99.100	
12/30/97	Orange		25,000.000					
12/30/97	Osprey		71,000.000					
12/30/97	Bahia		<500.000					
12/30/97	Coburn		11,000.000					
12/30/97	I-75		3900.000					
12/30/97	Plant		31000.000					
07/21/99	Orange	5.8		100.0		95.3		87.4
07/21/99	Osprey	2.3				100.0		95.7
07/21/99	Bahia	1.2				100.0		99.3
07/21/99	Coburn	3.0						
07/21/99	Coburn	2.9				100.0		98.9
07/21/99	I-75	2.2		100.0		98.8		92.2
07/21/99	Plant	3.7				100.0		99.8
12/01/99	Osprey			100.0		100.0		99.9
12/01/99	Bahia			100.0		100.0		99.4
12/01/99	Coburn			100.0		100.0		99.8
12/01/99	Coburn			100.0		97.4		94.2
12/01/99	I-75			100.0		100.0		99.9
12/01/99	Plant			100.0		100.0		99.7
12/04/99	Orange	7.1		100.0		100.0		99.4

Sampled	Station	No 10 seive (%)	No 20 seive (%)	No 40 seive (%)	No 60 seive (%)	No 100 seive (%)	No 200 seive (%)	Solids (% Dry Weight)	Moisture (%)
12/23/96	Bahia								26.100
12/23/96	Coburn								21.900
12/23/96	I-75								24.000
12/23/96	I-75								20.300
12/23/96	Plant								37.000
12/30/97	Orange							64.700	
12/30/97	Osprey							60.000	
12/30/97	Bahia							83.200	
12/30/97	Coburn							41.600	
12/30/97	I-75							79.700	
12/30/97	Plant							66.300	
07/21/99	Orange	80.3	75.3	69.2	54.0	24.5	8.0	48.8	
07/21/99	Osprey	94.2	90.6	80.2	57.6	25.4	8.1	65.4	
07/21/99	Bahia	98.4	96.3	92.9	79.4	48.1	23.2	76.8	
07/21/99	Coburn							41.8	
07/21/99	Coburn	96.5	91.2	78.6	60.4	36.9	13.3	40.3	
07/21/99	I-75	81.1	68.2	58.6	46.1	33.2	23.3	73.4	
07/21/99	Plant	99.0	97.9	96.9	92.5	58.0	7.3	28.6	
12/01/99	Osprey	92.0	78.7	60.0	41.1	20.1	10.6	69.0	
12/01/99	Bahia	98.8	95.9	74.6	24.4	2.9	0.4	80.9	
12/01/99	Coburn	98.5	95.8	82.9	54.8	28.8	10.3	69.4	
12/01/99	Coburn	92.4	87.9	72.9	47.5	26.2	10.8	74.5	
12/01/99	I-75	99.7	96.7	78.0	19.3	1.3	0.3	78.4	
12/01/99	Plant	99.1	98.4	97.5	91.8	40.6	1.4	67.4	
12/04/99	Orange	98.1	96.1	92.1	85.6	73.0	43.3	69.1	

Biological Community

Station	Location	Sampled	Bottom Substrate / Available Cover	Water Velocity	Artificial Channel / Flow Alteration	Bank Stability	Riparian Zone Vegetation Quality	Benthic Habitat Adjustments	Benthic Habitat Total Score
I-75	Myakkahatchee Creek, 100 ft. N. of the I-75 bridge.	07/21/99	8	30	3	6	10	5	62
Bahia	Phillippi Creek near Bahia Vista	07/21/99	10	16	0	6	6	5	43
26	Hudson Bayou near Osprey Ave. bridge	12/06/99	7	0	0	10	0	5	22
26	Hudson Bayou near Osprey Ave. bridge	07/22/99	7	0	0	10	0	5	22
Plant	Myakkahatchee Creek, near North Port water plant.	12/06/99	30	25	14	9	10	5	93
I-75	Myakkahatchee Creek, 100 ft. N. of the I-75 bridge.	12/06/99	8	9	3	4	10	5	39
4	Hudson Bayou near Orange Ave. bridge	07/22/99	7	0	0	10	0	5	22
Plant	Myakkahatchee Creek, near North Port water plant.	07/21/99	30	1	12	9	10	5	67
Plant	Myakkahatchee Creek, near North Port water plant.	05/21/98	30	30	14	9	10	5	98
Coburn	Phillippi Creek near Coburn Rd.	05/21/98	8	0	0	8	0	5	21
4	Hudson Bayou near Orange Ave. bridge	12/07/99	7	0	0	10	0	5	22
I-75	Myakkahatchee Creek, 100 ft. N. of the I-75 bridge.	05/21/98	8	1	3	4	10	5	31
26	Hudson Bayou near Osprey Ave. bridge	05/21/99							
Bahia	Phillippi Creek near Bahia Vista	05/22/98	10	2	0	5	1	5	23
Coburn	Phillippi Creek near Coburn Rd.	12/06/99	8	2	0	8	0	5	23
Coburn	Phillippi Creek near Coburn Rd.	07/21/99	8	0	0	8	0	5	21
4	Hudson Bayou near Orange Ave. bridge	05/21/99							
Bahia	Phillippi Creek near Bahia Vista	12/06/99	10	3	0	5	1	5	24

Biological Community

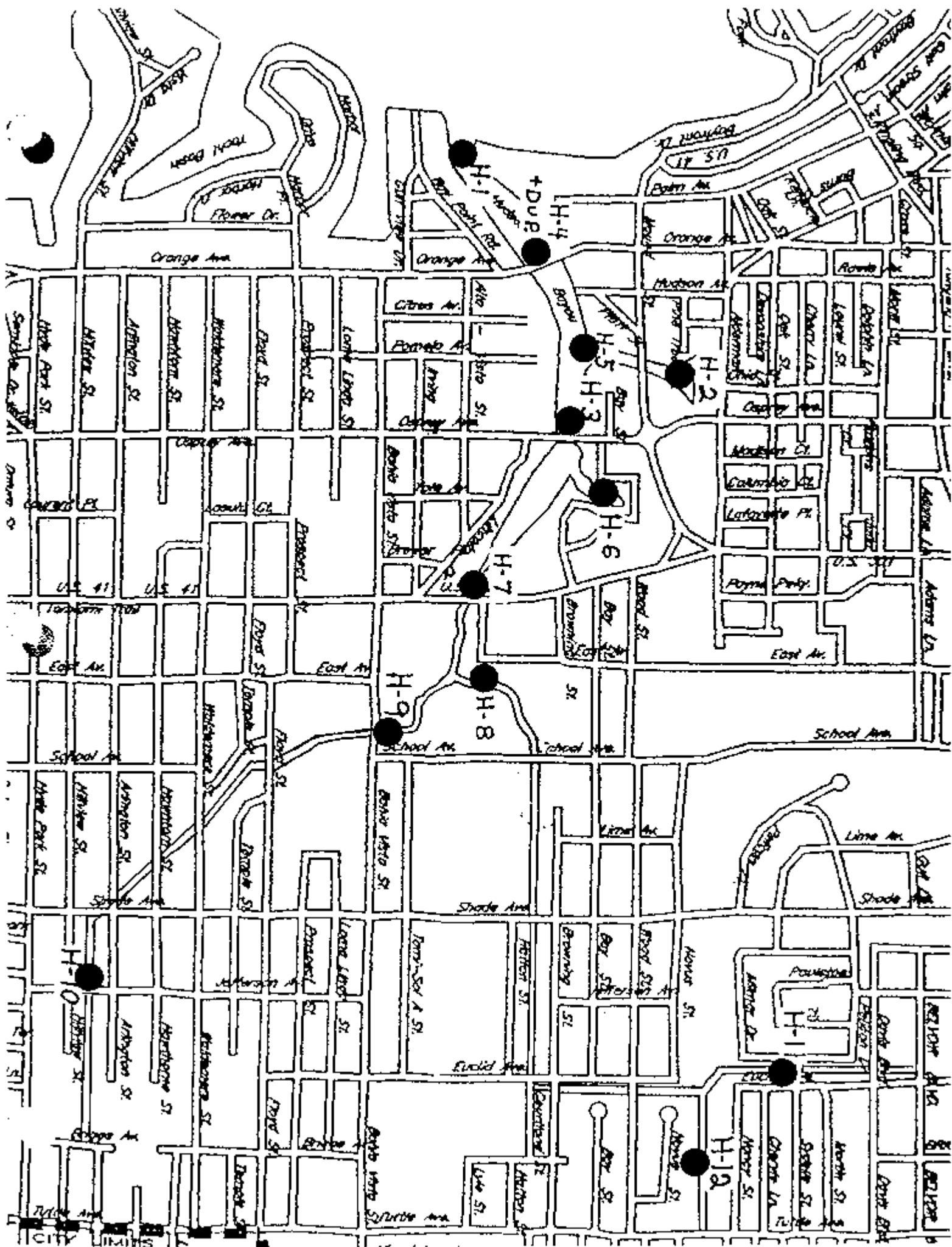
Station	Location	Sampled	Total Organisms	Richness (Total Taxa)	Taxa Diversity (10)	Shannon Diversity	Simpson Diversity	Taxa Equitability	Taxa Density
I-75	Myakkahatchee Creek, 100 ft. N. of the I-75 bridge.	07/21/99	31	13	0.45			1.86	NA
Bahia	Phillippi Creek near Bahia Vista	07/21/99	48	16	1.99			1.61	NA
26	Hudson Bayou near Osprey Ave. bridge	12/06/99	14	9		0.931	0.945	0.948	193
26	Hudson Bayou near Osprey Ave. bridge	07/22/99	18	11	1.0			0.93	249
Plant	Myakkahatchee Creek, near North Port water plant.	12/06/99	61	25		1.273	0.946	0.749	NA
I-75	Myakkahatchee Creek, 100 ft. N. of the I-75 bridge.	12/06/99	60	24		1.254	0.945	0.747	NA
4	Hudson Bayou near Orange Ave. bridge	07/22/99	30	7	0.70			0.72	415.2
Plant	Myakkahatchee Creek, near North Port water plant.	07/21/99	71	20	0.19			0.70	NA
Plant	Myakkahatchee Creek, near North Port water plant.	05/21/98	103	29	1.271			0.644	na
Coburn	Phillippi Creek near Coburn Rd.	05/21/98	157	153	1.324			0.57	NA
4	Hudson Bayou near Orange Ave. bridge	12/07/99	25	7		0.546	0.587	0.502	346
I-75	Myakkahatchee Creek, 100 ft. N. of the I-75 bridge.	05/21/98	267	37	1.264			0.496	na
26	Hudson Bayou near Osprey Ave. bridge	05/21/99	130	15	0.862			0.486	1800
Bahia	Phillippi Creek near Bahia Vista	05/22/98	153	33	1.199			0.479	NA
Coburn	Phillippi Creek near Coburn Rd.	12/06/99	127	26		1.091	0.886	0.475	NA
Coburn	Phillippi Creek near Coburn Rd.	07/21/99	234	27	0.08			0.45	NA
4	Hudson Bayou near Orange Ave. bridge	05/21/99	282	20	0.904			0.401	3900
Bahia	Phillippi Creek near Bahia Vista	12/06/99	156	32		1.009	0.763	0.319	NA

Date Sampled	Station	Location	Cadmium (ppm)	Chromium (ppm)	Copper (ppm)	Lead (ppm)	Zinc (ppm)
05/15/98	Coburn	Phillippi Creek at Fruitville Rd. at Coburn Rd. upstream of where weir was removed.	<0.001500	<0.001000	0.003280	0.00730	0.029500
05/15/98	Bahia	Phillippi Creek at Bahia Vista St. bridge	<0.001500	<0.001000	0.003370	0.000610	0.035000
05/15/98	Osprey	Hudson Bayou at Osprey Ave. bridge	0.0048200	0.001400	0.011100	0.020300	0.071000
05/15/98	Orange	Hudson Bayou at Orange Ave. bridge	0.003690	0.002610	0.009390	0.016700	0.072000
05/15/98	I-75	Myakka River at I-75. Myakkahatchee rain gauge 15' downstream.	0.002680	<0.001000	0.001260	0.003630	0.036000
05/15/98	Plant	Myakkahatchee Creek at North Port water Plant.	<0.001500	<0.001000	<0.000500	0.001090	0.036000
05/18/99	Orange	Hudson Bayou at Orange Ave. bridge.	<0.0010	<0.010	<0.010	0.016	<0.120
05/18/99	Osprey	Hudson Bayou at Osprey Ave. bridge.	<0.0010	<0.010	<0.0010	0.014	<0.120
05/18/99	Bahia	Phillippi Creek at Bahia Vista St. bridge	<0.0010	<0.010	0.0011	<0.0050	<0.025
05/18/99	Coburn	Phillippi Creek at Coburn Rd. above weir	<0.0010	<0.010	0.0019	<0.0050	<0.025
05/18/99	Osprey	Duplicate. Hudson Bayou at Osprey Ave. bridge.	<0.0010	0.012	0.0020	0.015	<0.120
07/21/99	Coburn	Phillippi Creek at Coburn Rd., 50 ft. above the weir.	<0.0010	<0.010	0.0011	<0.0050	<0.025
07/21/99	Bahia	Phillippi Creek, 50 ft. S. of the Bahia Vista St. bridge.	<0.0010	<0.010	0.0027	<0.0050	0.035
07/21/99	Osprey	Hudson Bayou at Osprey Ave. bridge.	<0.0010	<0.010	0.0018	0.0069	<0.025
07/21/99	Orange	Hudson Bayou at Orange Ave. bridge.	<0.0010	<0.010	0.0020	0.0072	<0.025
07/21/99	I-75	Myakkahatchee Creek, 100 ft. N. of the I-75 bridge.	<0.0010	<0.010	0.0016	<0.0050	<0.025
07/21/99	Plant	Myakkahatchee Creek, 100 yds. N. of the dam adjacent to the N. Port water treatment plant	<0.0010	<0.010	0.0015	<0.0050	<0.025
07/21/99	Coburn	Duplicate. Phillippi Creek at Coburn Rd., 50 ft. above the weir, duplicate of sample 1.	<0.0010	<0.010	0.0013	<0.0050	<0.025
11/17/99	Plant	Duplicate. Big Slough (Myakkahatchee Creek) above the dam near the North Port water plant.	<0.0010	<0.0050	0.0011	0.0028	<0.020
11/17/99	Plant	Big Slough (Myakkahatchee Creek) above the dam near the North Port water plant.	<0.0010	<0.0050	<0.001	<0.0010	<0.020
11/17/99	SR 72	Big Slough (Myakkahatchee Creek) near State Road 72	<0.0010	<0.0050	0.0012	0.0011	<0.020
		FDEP 62-302, FAC.	<=0.0093	<=0.050	<=0.0029	<=0.0056	<=0.086

Date Sampled	Station	Solids, Total Dissolved (ppm)	Solids, Total Suspended	Oxygen, Chemical Demand (ppm)	Oxygen, Biological Demand, 5 Day	Oil & Grease (ppm)	Phosphorous, Total (ppm)
05/15/98	Coburn	364.000	7.200	39.0	<2.000	<1.000	0.213
05/15/98	Bahia	436.000	4.000	30.000	<2.000	<1.000	0.356
05/15/98	Osprey	35100.000	24.400	120.000	2.930	<1.000	0.224
05/15/98	Orange	36200.000	26.800	550.000	<2.000	<1.000	0.158
05/15/98	I-75	562.000	1.200	48.000	<2.000	<1.000	0.322
05/15/98	Plant	445.000	6.000	36.000	2.110	<1.000	0.332
05/18/99	Orange	34000	74	1300	<2.0	<1.0	0.073
05/18/99	Osprey	33000	72	1400	2.60	<1.0	0.090
05/18/99	Bahia	730	6.0	26	<2.0	<1.0	0.46
05/18/99	Coburn	450	11	41	4.37	8.9	0.063
05/18/99	Osprey	35000	68	3300	2.88	<1.0	0.093
07/21/99	Coburn	320	9.5	33	<2.0	<1.0	0.11
07/21/99	Bahia	410	3.5	16	<2.0	<1.0	0.26
07/21/99	Osprey	29000	46	2000	3.68	<1.0	0.077
07/21/99	Orange	30000	60	960	4.05	<1.0	0.054
07/21/99	I-75	270	14	76	3.20	<1.0	0.41
07/21/99	Plant	120	7.0	60	<2.0	<1.0	0.38
07/21/99	Coburn	340	7.0	21	2.71	<1.0	0.092
11/17/99	Plant	360	2.4	57	<2.0	3.9	0.24
11/17/99	Plant	330	<1.0	54	<2.0	4.4	0.23
11/17/99	SR 72	350	6.7	55	<2.0	3.5	0.24
		<1000	none	none	none	<5.0	none

Date Sampled	Station	Phosphorous, Dissolved (ppm)	pH	Nitrate + Nitrite as N (ppm)	Nitrogen, Total Kjeldahl (ppm)	Nitrate (ppm)	Nitrite (ppm)
05/15/98	Coburn	0.096	7.07	0.027	0.904	0.017	0.010
05/15/98	Bahia	0.325	7.17	0.015	0.931	0.009	0.006
05/15/98	Osprey	0.171	7.53	0.016	1.810	0.008	0.008
05/15/98	Orange	0.106	8.33	0.005	0.637	<0.002	0.008
05/15/98	I-75	0.297	7.13	0.056	1.230	0.048	0.008
05/15/98	Plant	0.308	7.18	0.010	0.982	<0.010	0.008
05/18/99	Orange	0.080	7.88	0.018	0.72	0.013	<0.010
05/18/99	Osprey	0.088	7.83	0.018	1.1	0.014	<0.010
05/18/99	Bahia	0.59	7.88	0.018	0.54	0.015	<0.010
05/18/99	Coburn	0.071	7.52	0.012	0.81	<0.010	<0.010
05/18/99	Osprey	0.11	7.78	0.014	0.69	0.010	<0.010
07/21/99	Coburn		6.16	0.12	1.2		
07/21/99	Bahia		6.38	0.25	1.2		
07/21/99	Osprey		7.77	<0.010	1.0		
07/21/99	Orange		7.02	<0.010	1.1		
07/21/99	I-75		4.96	0.37	2.2		
07/21/99	Plant		5.94	0.35	2.1		
07/21/99	Coburn			0.12	1.1		
11/17/99	Plant	0.19	7.44	0.21	1.0		
11/17/99	Plant	0.18	7.49	0.38	0.99		
11/17/99	SR 72	0.18	7.58	0.19	1.4		
		none	6-8.5	10	10	10	10





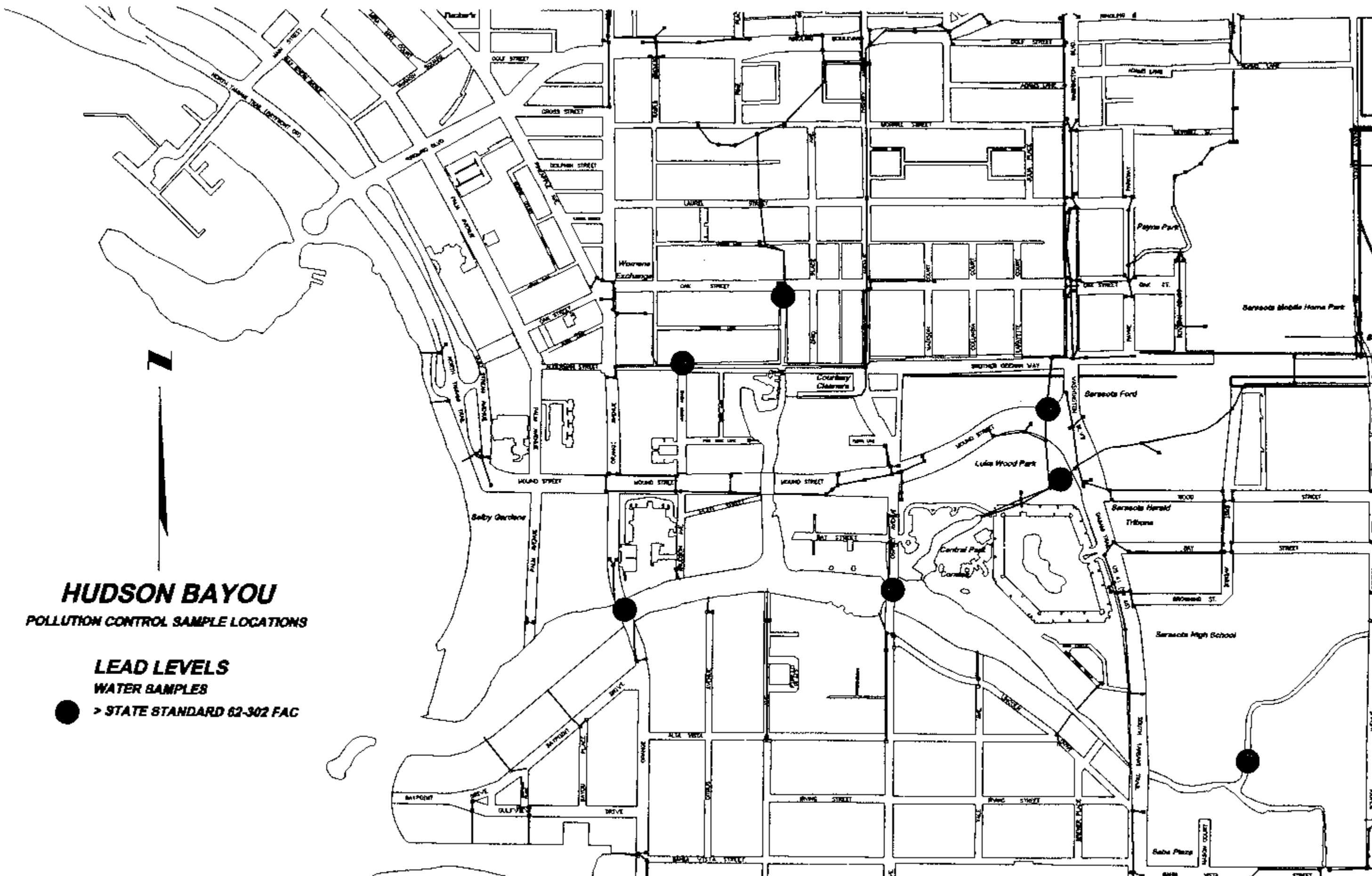


HUDSON BAYOU

POLLUTION CONTROL SAMPLE LOCATIONS

LEAD LEVELS WATER SAMPLES

● > STATE STANDARD 62-302 FAC



Hudson Bayou Phase I.xls

Sampled	Station	Location	Lead (ppm)	Zinc (ppm)	Copper (ppm)	Chromium (ppm)	Aluminum (ppm)	Solids (% Dry Weight)	Nitrogen, Total (%)
05/14/98	H-1	Hudson Bayou, inside mouth, center of bayou.	15.3	15.0	6.89	9.68	2160.000	75.600	0.040
05/14/98	H-2	Hudson Bayou, north end of north branch. NE end, @NW corner of The Bayou retirement center, 1751 Mound St., W. of Osprey Ave., near Courtesy Cleaners.	14.6	37.0	6.18	8.27	3320.000	83.500	0.020
05/14/98	H-3	Hudson Bayou, 50 ft. west of Osprey Ave. bridge.	76.8	58.8	20.5	24.8	3680.000	70.900	0.080
05/14/98	H-4	Duplicate. Hudson Bayou west of Orange Ave. bridge.	27.6	20.7	10.8	9.19	1730.000	72.300	0.060
05/14/98	H-5	Hudson Bayou, west of Orange Ave. bridge.	37.1	32.3	17.1	13.1	2410.000	74.500	0.070
05/14/98	H-6	Hudson Bayou, inside mouth of north branch, W. of Bay St., near the third marker north of main bayou channel.	181.0	150.0	29.6	53.6	3350.000	53.000	0.155
05/14/98	H-7	West end of canal in park located west of Wood St. and US41. Near culvert that drains to Central Park Condos.	115.0	441.0	9.4	147.0	950.000	67.000	0.070
05/14/98	H-8	Hudson Bayou, 50 ft. W. of US41 bridge, N. of Brewer Pl. Accessed from Brewer Pl.	13.6	27.8	7.39	6.55	1680.000	78.200	0.060
05/14/98	H-9	North branch of canal, sandbar below dam, west of Building 4 at High School.	6.37	15.3	1.7	2.05	1110.000	76.600	0.020
05/14/98	H-10	South branch of canal near Sarasota High School, north of Bahia Vista St., south of building 4.	10.1	35.5	5.77	3.15	875.000	66.300	0.060
05/14/98	H-11	E-W ditch, South of 2440 Arlington St.; SE of Shade Ave. & Arlington St.	57.5	32.9	3.94	4.26	1190.000	77.000	0.040
05/14/98	H-12	N-S Canal, West of 2604 Euclid. NW of Tuttle Ave. & Nancy St.	3.730	6.480	0.590	3.130	2690.000	80.700	0.010
05/14/98	H-13	E-W canal, north of 2679 Novus Pl. NW of Tuttle Ave. & Wood St.	37.5	35.9	3.53	11.2	6480.000	74.000	0.040
		FDEP Sediment Probable Effects Level	112	271	108	160			
		FDEP Sediment Threshold Effects Level	30.2	124	18.7	52.3			

Hudson Bayou Phase I.xls

Sampled	Station	Phosphorous (%)	Carbon, Total Organic (ppm)	3/8" seive (%)	No 4 seive (%)	No 10 seive (%)	No 20 seive (%)	No 40 seive (%)	No 60 seive (%)	No 100 seive (%)	No 200 seive (%)
05/14/98	H-1	0.350	9300.000		99.8	99.0	98.4	95.5	79.6	38.8	11.1
05/14/98	H-2	0.350	4800.000	93.8	92.8	86.2	69.4	43.7	18.6	4.8	1.4
05/14/98	H-3	0.750	20000.000	99.8	93.8	83.8	71.2	54.8	39.4	21.4	11.0
05/14/98	H-4	1.850	16000.000	88.8	78.0	59.7	47.3	32.2	18.3	9.3	4.8
05/14/98	H-5	0.800	14000.000	93.4	81.0	63.2	50.7	36.1	21.7	11.3	5.4
05/14/98	H-6	0.405	50000.000		99.0	97.6	96.1	93.0	83.9	56.2	23.7
05/14/98	H-7	0.075	20000.000			99.7	98.6	95.9	91.2	85.4	69.2
05/14/98	H-8	0.630	5700.000	98.2	96.4	92.6	84.0	67.5	47.4	17.3	3.1
05/14/98	H-9	0.110	5000.000	97.8	97.6	97.2	92.6	83.2	59.4	16.5	2.4
05/14/98	H-10	0.030	12000.000	99.9	99.3	97.5	89.7	67.1	25.8	3.1	0.3
05/14/98	H-11	0.750	13000.000		99.5	97.5	92.9	81.5	47.1	12.5	2.0
05/14/98	H-12	0.020	6700.000		99.8	99.6	98.0	86.9	48.0	4.7	0.3
05/14/98	H-13	1.370	9200.000		99.9	99.6	98.4	92.9	74.0	32.6	5.3

Date Sampled	Station	Location	Source of Sample	Lead (ppm)	Zinc (ppm)	Copper (ppm)	Cadmium (ppm)	Chromium (ppm)	Lead, dissolved (ppm)	Zinc, dissolved (ppm)	Copper, dissolved (ppm)	Cadmium, dissolved (ppm)	Chromium, dissolved (ppm)	Specific Conductance (umhos/cm)	Solids, Total Dissolved (ppm)	Solids, Total Suspended (ppm)	pH
		FDEP 62-302.FAC: Marine, Class III, Surface Water Quality Standards	Surface water or storm water	<=0.0056	<=0.086	<=0.0029	<=0.0093	<=0.050 hexavalent	<=0.0056	<=0.086	<=0.0029	<=0.0093	<=0.050 hexavalent				
07/14/99	12	E-W ditch at 1639 Alderman St., north of Hudson Ave. & Alderman St.	First flush storm water	0.0080	0.062	0.0046	<0.0010	<0.010						721	430	71	6.89
07/14/99	11	N-S ditch that flows south into north branch of Hudson Bayou. Immediately SE of 1724 Oak St.	First flush storm water	0.019	0.064	0.0070	<0.0010	<0.010						831	430	69	7.88
07/14/99	27	Storm water manhole on the N. side of US 41, W. of US301 at edge of road.	First flush storm water	0.020	0.094	0.012	<0.0010	<0.010						75.0	35	100	8.43
07/14/99	13	East end of canal in park located west of US41 & Wood St., near culvert draining from under US41.	First flush storm water	0.029	0.180	0.012	<0.0010	0.010						156	110	34	7.96
07/14/99	30	Water coming over dam in north branch of canal at Sarasota High School.	First flush storm water	0.0058	0.046	0.0040	<0.0010	<0.010						387	220	29	7.55
07/14/99	12	E-W ditch at 1639 Alderman St., north of Hudson Ave. & Alderman St.	Storm event storm water	0.0096	0.086	0.012	<0.0010	<0.010						110	91	29	7.65
07/14/99	11	N-S ditch that flows south into north branch of Hudson Bayou. Immediately SE of 1724 Oak St.	Storm event storm water	0.0070	0.087	0.0076	<0.0010	<0.010						124	82	25	7.69
07/14/99	27	Storm water manhole on the N side of US 41, W of US301 at edge of highway.	Storm event storm water	0.0078	0.050	0.0060	<0.0010	<0.010						123	86	26	7.78
07/14/99	13	East end of canal in park located west of US41 & Wood St., near culvert draining from under US41.	Storm event storm water	0.0066	0.049	0.0064	<0.0010	<0.010						107	60	16	7.65
07/14/99	30	Water coming over dam in north branch of canal at Sarasota High School.	Storm event storm water	0.0069	0.029	0.0054	<0.0010	<0.010						179	110	27	7.45
08/21/99	11	1724 Oak St.	First flush storm water	0.018	0.080	0.0073	0.00015							696	400	54	8.61
08/21/99	27	Manhole at 301 & 41.	First flush storm water	0.019	0.170	0.018	0.00051							411	290	160	7.14
08/21/99	13	West end of ravine in Luke Wood Park.	First flush storm water	0.032	0.099	0.011	0.00049							422	290	220	8.42
08/21/99	12	1639 Alderman St.	First flush storm water	0.0029	0.032	0.0044	<0.00010							770	470	5.5	8.22
08/21/99	30	Below the dam at Sarasota High School.	First flush storm water	0.0013	<0.025	0.0020	<0.00010							590	310	8.5	8.66
08/22/99	11	1724 Oak St.	Storm event storm water	0.018	0.057	0.0066	0.00023							49.0	32	44	8.61
08/22/99	13	West end of ravine in Luke Wood Park.	Storm event storm water	0.016	0.110	0.0083	0.00028							79.0	46	56	8.22
08/22/99	30	Dam at Sarasota High School	Storm event storm water	0.0032	0.031	0.0022	<0.00010							440	260	6.5	7.14
08/22/99	12	1639 Alderman St.	Storm event storm water	0.013	0.088	0.0096	0.00037							30.0	15	32	8.66
08/22/99	27	Manhole at 301 & 41.	Storm event storm water	0.0076	0.150	0.0043	0.00015							43.0	43	58	8.42
09/07/99	27	Manhole at 301 & 41.	First flush storm water	0.016	0.092	0.010	0.00031	<0.010						183	130	43	6.98
09/07/99	11	1724 Oak St.	First flush storm water	0.0098	0.120	0.0085	0.00023	<0.010						293	170	13	6.74
09/07/99	12	1639 Alderman St.	First flush storm water	0.011	0.092	0.014	0.00022	<0.010						179	140	32	7.05
09/07/99	13	Ravine in Luke Wood Park.	First flush storm water	0.0068	0.083	0.0078	0.00024	<0.010						219	130	11	7.09
09/07/99	30	Dam at Sarasota High School	First flush storm water	0.011	0.100	0.0026	<0.00010	<0.010						496	300	9.0	7.10
09/07/99	27	Manhole at 301 & 41.	Storm event storm water	0.0048	0.051	0.0054	0.00012	<0.010						281	170	7.0	7.12
09/07/99	11	1724 Oak St.	Storm event storm water	0.011	0.120	0.0098	0.00028	<0.010						305	180	23	7.24
09/07/99	12	1639 Alderman St.	Storm event storm water	0.009	0.068	0.0095	0.00015	<0.010						146	100	17	7.41
09/07/99	13	Ravine in Luke Wood Park.	Storm event storm water	0.0052	0.051	0.0044	<0.00010	<0.010						331	200	6.0	7.30

Date Sampled	Station	Location	Source of Sample	Lead (ppm)	Zinc (ppm)	Copper (ppm)	Cadmium (ppm)	Chromium (ppm)	Lead, dissolved (ppm)	Zinc, dissolved (ppm)	Copper, dissolved (ppm)	Cadmium, dissolved (ppm)	Chromium, dissolved (ppm)	Specific Conductance (umhos/cm)	Solids, Total Dissolved (ppm)	Solids, Total Suspended (ppm)	pH
		FDEP 62-302,FAC: Marine, Class III, Surface Water Quality Standards	Surface water or storm water	<=0.0056	<=0.086	<=0.0029	<=0.0093	<=0.050 hexavalent	<=0.0056	<=0.086	<=0.0029	<=0.0093	<=0.050 hexavalent				
09/07/99	30	Dam at Sarasota High School	Storm event storm water	0.0045	0.052	0.0023	<0.00010	<0.010						495	290	10	7.33
03/27/00	11	1724 Oak St.	storm water	0.011	0.120	0.019	<0.0010	<0.0050	0.0050	0.071	0.0098	<0.0010	<0.0050				
03/27/00	12	1639 Alderman	storm water	0.017	0.160	0.025	<0.0010	<0.0050	<0.0050	0.094	0.018	<0.0010	<0.0050				
03/27/00	44	Pipe at west end of ravine	storm water	0.029	0.220	0.031	<0.0010	0.0069	<0.0050	0.044	<0.010	<0.0010	<0.0050				
03/27/00	13	east end of ravine	storm water	0.020	0.210	0.025	<0.0010	0.0076	<0.0050	0.077	<0.010	<0.0010	<0.0050				
03/27/00	27	manhole at 301 & 41	storm water	0.042	0.300	0.038	<0.0010	0.011	<0.0050	0.058	0.010	<0.0010	<0.0050				
03/27/00	38	60" pipe behind Courtesy Cleaners, 700 Osprey Ave.	storm water	0.018	0.320	0.022	<0.0010	<0.0050	0.0065	0.230	0.012	<0.0010	<0.0050				
03/27/00	38	duplicate, 60" pipe behind Courtesy Cleaners, 700 Osprey Ave.	storm water	0.019	0.300	0.022	<0.0010	<0.0050	<0.0050	0.160	0.011	<0.0010	<0.0050				

MS. DARFNE MOORE
SAMARCA COUNTY
BEACH, A
1401 CASTLEMAN ROAD ROOM 210
SARASOTA, FL 34232

AS
Resource
Management
Division

QUALITY
ASSURED



Florida Certification:
Drinking Water #83160
Environmental #E83079
ComQAP #860198

ELAB, Inc.
Formerly DVB/A Analytical

ANALYTICAL REPORT

Page 1

Submission Number: 99075566
Date Received: 07/21/99
Date Reported: 08/12/99

Client's P.O. Number: 997120
Project Number:
Project Name:
Risk Report Name: Finalflow #F0012 RP1

Lab Sample Number: 99075566-1
Client Sample Number: 1
Sample Description: 7401 RICHARDSON RD

Date Sampled: 07/21/99
Sample Matrix: DRINKING WATER

Method	Analyte	Result	Q	Units	Reporting	Analyte	Date	Date
					Limit		Analyzed	Prepared
525.2	DIC(2-ETHYLNEXYL) PHTHALATE	1.3	U	ug/L	1.3	100	08/12/99	07/21/99

Data Quality Code Key

U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

CERTIFICATION: All analytical data reported above were obtained using the specified methods and were validated by our laboratory quality control system. This laboratory follows an approved quality assurance program.

Respectfully submitted,

Paul E. Canavaro
Laboratory Director



Elab, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
(904) 672-5668 • FAX (904) 673-4001

CHAIN OF CUSTODY RECORD

No. E 25866

Page 1 of 1

(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY

Condition of Contents:

Temp. of Contents: °C (or Received on Ice, ROI)

Condition of Seals:

FOR LAB USE ONLY

Submission No.

9901-558

1. Client (Company or Individual)

Sevier County

Address

1301 Callahan Rd

City: Sevier

State: TN

Zip Code: 37532

Phone:

(904) 978-6142

Fax:

(904) 378-6275

18. Report Type:

Routine
Standard QC
Datapackage

2. Report to (If different from above)

C. Rodriguez / D. McLeod

Address

City

State

Zip Code

City

State

Zip Code

City

State

Zip Code

City

State

Zip Code

City

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ASSURED

MS. DARLENE MCCORD
SARASOTA COUNTY
BLOC. A
1301 CATTLEMAN ROAD ROOM 218
SARASOTA, FL 34232



ANALYTICAL REPORT

Page 1

Submission Number: 9909000274 Client's P.O. Number:
Date Received: 09/06/99 Project Number: NPDES
Date Reported: 10/06/99 Project Name: SARASOTA COUNTY ENV. SVCS.
Elab Report Name: Finalnew >Final2.RPT

Lab Sample Number: 9909224 1 Date Sampled: 09/07/99
Client Sample Number:
Sample Description: EAST AVE SITE #2 Sample Matrix: GROUND WATER

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
8276	BIS(2 ETHYLHEXYL)PHTHALATE	5.0	U	ug/L	5.0	VG	09/23/99	09/13/99

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

CERTIFICATION: All analytical data reported above were obtained using the specified methods and were validated by our laboratory quality control system. This laboratory follows an approved quality assurance program.

Respectfully submitted,

Paul X. Carnevale
Laboratory Director

**AQUEOUS SEMIVOLATILE ORGANIC MATRIX SPIKE / MATRIX SPIKE DUPLICATE
 RECOVERY**
 METHOD: EPA 625/8270C

Matrix: Aqueous MS Sample No.: LFB/LFBD
 Analysis Date: 9/23/99
 Batch ID: SV091399-06 Analyst: VG SYS II

Compound	Spike Added (ug/L)	Sample Concentration (ug/L)	MS Concentration (ug/L)	MS % REC	#	QC Limits % REC
Phenol	50	N/D	14.1	28.2		12 - 110
2-Chlorophenol	50	N/D	34.2	68.3		27 - 123
1,4-Dichlorobenzene	50	N/D	33.0	66.1		36 - 97
N-Nitroso-di-n-propylamine	50	N/D	38.6	77.1		41 - 116
1,2,4-Trichlorobenzene	50	N/D	35.8	71.7		39 - 98
4-Chloro-3-methylphenol	50	N/D	39.5	79.0		23 - 97
Acenaphthene	50	N/D	42.7	85.3		46 - 118
2,4-Dinitrotoluene	50	N/D	40.2	80.4		24 - 96
Pentachlorophenol	50	N/D	48.8	97.7		9 - 103
Pyrene	50	N/D	48.8	97.5		26 - 127

Compound	Spike Added (ug/L)	MSD Concentration (ug/L)	MSD % REC	#	% RPD	#	QC Limits % RPD	% REC
Phenol	50	14.5	28.9		2.6		42	12 - 110
2-Chlorophenol	50	30.2	60.4		12		40	27 - 123
1,4-Dichlorobenzene	50	36.0	71.9		8.5		28	36 - 97
N-Nitroso-di-n-propylamine	50	45.2	90.4		16		38	41 - 116
1,2,4-Trichlorobenzene	50	38.3	76.5		6.6		28	39 - 98
4-Chloro-3-methylphenol	50	35.3	70.6		11		42	23 - 97
Acenaphthene	50	46.0	91.9		7.5		31	46 - 118
2,4-Dinitrotoluene	50	43.9	87.7		8.8		38	24 - 96
Pentachlorophenol	50	37.1	74.2		27		50	9 - 103
Pyrene	50	52.0	103.9		6.3		31	26 - 127

Column to be used to flag recovery values:

* - Values outside of QC limits.

% REC: 0 out of 22 outside limits

Comment:

AQUEOUS SEMIVOLATILE ORGANIC SURROGATE RECOVERY
 METHOD: EPA 825/8270C

Sample Matrix: Aqueous
 Analysis Date: 9/23/99
 Batch ID: WSV091399-06

Analyst: VG SYS 2

Laboratory Sample No.	% RECOVERY												TOTAL OUT
	(2FP)	#	(PHL)	#	(NBZ)	#	(FBP)	#	(TBP)	#	(TPH)	#	
01 MB SV091399	24.8		16.5		52.8		50.2		46.3		75.3		0
02 LFB SV091399	36.8		25.8		73.0		71.9		73.1		84.7		0
03 LFB SV091399	39.8		29.1		71.0		68.5		65.9		76.6		0
04 9-224-1 SV091	29.4		19.6		63.1		63.3		64.6		50.4		0
05													
06													
07													
08													
09													
10													
11													
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14													
15													
16													
17													
18													
19													
20													

QC LIMITS

(NBZ) = Nitrobenzene-d5 (35 - 114)
 (FBP) = 2-Fluorobiphenyl (43 - 116)
 (TPH) = Terphenyl-d14 (33 - 141)
 (PHL) = Phenol-d5 (10 - 110)
 (2FP) = 2-Fluorophenol (21 - 120)
 (TBP) = 2,4,6-Tribromophenol-d4 (10 - 123)

Column to be used to flag recovery values:

- Values outside of QC limits

D - Surrogate compound diluted out

Comment:



Elab, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
1904-672-5668 • FAX 1904-673-4001

CHAIN OF CUSTODY RECORD

No. E 30151

Page 1 of 1

(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY

Condition of Contents:

FOR LAB USE ONLY

Submission No. 99-9-224

Temp. of Contents: 4 °C (or Received on Ice, ROI)

Condition of Seals:

1. Client (Company or individual)
Sarasota County Env. Services

Address: **1301 Cattlemen Rd Bldg A Rm 218**

Phone: () **941 378-6142**

City: **Sarasota** State: **FL** Zip Code: **34232**

Fax: **941 378-6215**

2. Report to: (if different from address)

Address:

Phone: ()

City: State: Zip Code:

Fax: ()

3. Client Project Name:
Pollution Control Division

Water Sample Codes (for Item 13)

Container Codes (for Item 16)

DW - Drinking Water

V - VOA vial

GW - Ground Water

G - glass

SW - Surface Water

P - plastic

PW - Processed Water

M - micro bag cup

WW - Waste Water

O - other

7. Sampled By: **Bruce Maloney**

8. Shipping Method

No. of Containers

Analyses Requested
EPA 625 (6)
525.2 (6)

18. Report Type:

☐ Routine

☐ Standard QC

☐ Datapackage

19. Turnaround Time

☐ Standard

☐ Rush: / /

Preservative Codes

(for Item 15)

C - Cool Only

H - Hydrochloric Acid

M - Monomethoxy Acids

N - Nitric Acid

OH - Sodium Hydroxide

S - Sulfuric Acid

T - Sodium Thiosulfate

Item	9. Sample ID or No	10. Sample Description	11.		12.		13.							20. RELEASE				LAB USE ONLY LAB SAMPLE NO.
			Date	Time	Comp	Grab	Water	Soil	Air	Sludge	Other							
1		EAST AV.	9/7/99	0830		✓											Run 625 if	
2		Site #2															MDL for di-	
3																	2-ethylhexyl	
4																	phthalate	
5																	in 5.0 ug/L	
6																		
7																		
8																		
9																		
10																		

21. RELINQUISHED BY			DATE		TIME	22. RECEIVED BY			DATE		TIME	FOR LAB USE ONLY					
1	B. Maloney		9/7/99	1245		S. O. Neal			9/8/99	1245		Sampling Fee:					Hrs
2	S. O. Neal		9/8/99	1415		Michael J.			9/8/99	1415		Equipment Rental Fee:					
3	Michael J.		9/8/99	1441		William O. Dixon			9/8/99	1441		Profile No.:				Quote No.:	
4	William O. Dixon		9/8/99	1523		John Peterson			9/9/99	1550						642	

DISTRIBUTION: White with report; Blue, Green, Yellow to labs; Gold to submitter

Revised: 1/99

copy to main file



Florida Certification:
Drinking Water #83160
Environmental #E83079
ComQAP #860198

ELAB, Inc.
Formerly D/B/A EnviroLab

INVOICE

INVOICE TO: SARASOTA COUNTY
ATTN: MS. DAPHNE McCORD
BLDG. A
1301 CATTLEMAN ROAD ROOM 218
SARASOTA, FL 34232



Invoice #: 42301
Terms: Due Upon Receipt
Client ID: SAR COU

Submission #: 9909000224
Quotation #: 0
Purchase Order #: *907120*

Invoice Date: October 5, 1999
Date Received: 09/09/99
Project: SARASOTA COUNTY ENV. SVCS.
Project #: NPDES

Analysis	Qty	Unit Price	Adjustment	Total
(2-ETHYLHEXYL) PHTHALATE	1	\$220.00		\$220.00

Invoice Total: \$220.00

Amount Paid:

Amount Due: \$220.00

*Received Receipt
O.K. to pay 10/14*

NPDES Permit Part V - East Ave. site #2

TERMS: Payment is due upon completion of work unless prior arrangements have been made. The client will be charged at a rate of 1.5% interest for each month after the first 30 days. In the event of non-payment, the client agrees to pay all collection costs and attorney's fees in addition to the original billing amount and the accrued interest.

*** Please return a copy of this invoice with payment payable to Elab, Inc. ***

THANK YOU FOR USING OUR SERVICES

Mailing - P.O. Box 468 • Ormond Beach, Florida 32175-0468 • Shipping - 8 East Tower Circle • Ormond Beach, Florida 32174
(904) 672-5668 • Fax (904) 673-4001

Puerto Rico: Office (787) 787-0866 • Cellular (787) 390-3505 or (787) 399-4683

MS. DARINNE McCRAW
SARASOTA COUNTY
PLANT A
1101 CATTILMAN ROAD BOX 214
SARASOTA, FL 34231



ANALYTICAL REPORT

Page 1

Submission Number: 991224-0245 Client's P.O. Number: 012011
Date Received: 12/28/99 Project Number:
Date Reported: 01/12/00 Project Name: POT HODDS
Elab Report Name: Finalnew -Panel2 RPT

Lab Sample Number: 991224-1 Date Sampled: 12/28/99
Client Sample Number: 1 Sample Matrix: WASTE WATER
Sample Description: EAST AV

Method	Analyte	Result	U	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>TC6 SEMI-VOLATILES</u>								
8270	ACENAPHTHENE	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	ACENAPHTHYLENE	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	ANTHRACENE	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	BENZ(A)ANTHRACENE	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	BENZO(B)FLUORANTHENE	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	BENZO(K)FLUORANTHENE	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	BENZO(G,H,I)PERYLENE	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	BENZO(A)PYRENE	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	BIS(4-CHLOROPHTHOXY) ETHER	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	BIS(2-CHLOROPHTHOXY) ETHER	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	BIS(2-CHLOROISOPROPYL) ETHER	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	BIS(2-ETHYLHEXYL) PHTHALATE	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	4-BROMOPHENYL PHENYL ETHER	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	BUTYL BENZYL PHTHALATE	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	CARBAZOLE	10	U	ug/L	10	VS	12/24/99	12/29/99
8270	4-CHLOROANILINE	10	U	ug/L	10	VS	12/24/99	12/29/99
8270	2-CHLORONAPHTHALENE	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	4-CHLORO-2-METHYLBENZOL	25	U	ug/L	25	VS	12/24/99	12/29/99
8270	2-CHLOROPHENOL	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	4-CHLOROPHENYL PHENYL ETHER	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	CHRYSENE	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	DIBENZ(A,H)ANTHRACENE	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	DIBENZOFURAN	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	DI-1-1-BUTYLPHTHALATE	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	1,2-DICHLOROBENZENE	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	1,3-DICHLOROBENZENE	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	1,4-DICHLOROBENZENE	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	1,3-DICHLOROBENZIDINE	20	U	ug/L	20	VS	12/24/99	12/29/99
8270	2,4-DICHLOROPHENOL	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99
8270	DIEETHYLPHTHALATE	5.0	U	ug/L	5.0	VS	12/24/99	12/29/99

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MR. DARINE MOORE
SARASOTA COUNTY
HEAL, A
1101 CATTOLMAN ROAD ROOM 218
SARASOTA, FL 34233



ANALYTICAL REPORT

Page 1

Order Number: 9912245
Date Received: 12/08/99
Date Reported: 01/12/00
Client's P.O. Number: 002001
Project Number:
Project Name: PUD-NEDES
Lab Report Name: Finalnew of Final12 R01

Lab Sample Number: 9912245 - 1
Client Sample Number: 1
Sample Description: EAST AV
Date Sampled: 12/06/99
Sample Matrix: HASTE WATER

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Reported
<u>TCL SEMIVOLATILES</u>								
8270	2,4-DIMETHYLBIPHENOL	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	DIMETHYLBIPHENYLATE	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	4,6-DINITRO-2-METHYLBIPHENOL	20	U	ug/L	20	VG	12/24/99	12/29/99
8270	2,4-DINITROBIPHENOL	20	U	ug/L	20	VG	12/24/99	12/29/99
8270	3,4-DINITROTOLUENE	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	2,6-DINITROTOLUENE	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	DI-6-OCTYLPHTHALATE	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	FLUORANTHENE	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	FLUORINE	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	HEXACHLOROBENZENE	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	HEXACHLOROBIPHENYLENE	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	HEXACHLOROCYCLOPENTADIENE	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	HEXACHLOROCYCLOHEPTADIENE	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	INDENO(1,2,3-CD)PYRENE	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	ISOPHTHALENE	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	2-METHYLNAPHTHALENE	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	2-METHYLBIPHENOL	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	4-METHYLBIPHENOL	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	NAPHTHALENE	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	2-NITROANILINE	25	U	ug/L	25	VG	12/24/99	12/29/99
8270	3-NITROANILINE	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	4-NITROANILINE	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	NITROBENZENE	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	2-NITROPHENOL	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	4-NITROPHENOL	20	U	ug/L	20	VG	12/24/99	12/29/99
8270	N-NITROSODIMETHYLAMINE	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	N-NITROSODIETHYLAMINE	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	PENTACHLOROPHENOL	20	U	ug/L	20	VG	12/24/99	12/29/99
8270	PHENANTHRENE	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99
8270	PHENOL	5.0	U	ug/L	5.0	VG	12/24/99	12/29/99

Mailing - P.O. Box 468 • Ormond Beach, Florida 32175-0468 • Shipping - 8 East Tower Circle • Ormond Beach, Florida 32174
(904) 672-5668 • Fax (904) 673-4001

Puerto Rico: Office (787) 787-0866 • Cellular (787) 390-3505 or (787) 399-4683

MS. DAPHNE MEDARD
SARASOTA COUNTY
BLDG. A
1501 CATTLEMAN ROAD ROOM 215
SARASOTA, FL 34232



ANALYTICAL REPORT

Page 1

Submission Number: 9912000245 Client's P.O. Number: 002071
Date Received: 12/08/99 Project Number:
Date Reported: 01/12/00 Project Name: PCB-NPDES
Lab Report Name: Finalnew (Final2) RP3

Lab Sample Number: 9912245 1 Date Sampled: 12/06/99
Client Sample Number: 1 Sample Matrix: WASTE WATER
Sample Description: EAST AV

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>TCL SEMIVOLATILES</u>								
8270	PYRENE	5.0	U	ug/L	5.0	VG	12/24/99	12/09/99
8270	1,2,4 TRICHLOROBENZENE	5.0	U	ug/L	5.0	VG	12/24/99	12/09/99
8270	2,4,6 TRICHLOROBENZOL	5.0	U	ug/L	5.0	VG	12/24/99	12/09/99
8270	2,4,6 TRICHLOROPHENOL	5.0	U	ug/L	5.0	VG	12/24/99	12/09/99
<u>PRIORITY POLLUTANT PEST. AND PCB'S</u>								
608	ALDRIN	0.020	U	ug/L	0.020	CG	01/15/00	12/09/99
608	a-BHC	0.010	U	ug/L	0.010	CG	01/15/00	12/09/99
606	o-BHC	0.020	U	ug/L	0.020	CG	01/16/00	12/09/99
608	d BHC	0.020	U	ug/L	0.020	CG	01/16/00	12/09/99
608	g BHC (LINDANE)	0.010	U	ug/L	0.010	CG	01/16/00	12/09/99
606	CHLORDANE (tech.)	0.020	U	ug/L	0.020	CG	01/16/00	12/09/99
608	4,4'-DDE	0.040	U	ug/L	0.040	CG	01/16/00	12/09/99
608	4,4'-DDT	0.030	U	ug/L	0.030	CG	01/16/00	12/09/99
608	4,4'-DDT	0.030	U	ug/L	0.030	CG	01/16/00	12/09/99
606	DIELDRIN	0.10	U	ug/L	0.10	CG	01/16/00	12/09/99
608	ENDOSULFAN I	0.020	U	ug/L	0.020	CG	01/16/00	12/09/99
606	ENDOSULFAN II	0.020	U	ug/L	0.020	CG	01/16/00	12/09/99
606	ENDOSULFAN SULFATE	0.010	U	ug/L	0.010	CG	01/16/00	12/09/99
608	ENDRIN	0.020	U	ug/L	0.020	CG	01/16/00	12/09/99
606	HEXACHLOROCYCLOPENTADIENE	0.010	U	ug/L	0.010	CG	01/16/00	12/09/99
608	HEPTACHLOR	0.010	U	ug/L	0.010	CG	01/16/00	12/09/99
608	HEPTACHLOR EPOXIDE	0.010	U	ug/L	0.010	CG	01/16/00	12/09/99
608	METHOXYCHLOR	0.010	U	ug/L	0.010	CG	01/16/00	12/09/99
606	TOXAPHENE	0.10	U	ug/L	0.10	CG	01/16/00	12/09/99
608	PCB 1015	0.50	U	ug/L	0.50	CG	01/16/00	12/09/99
608	PCB 1221	0.50	U	ug/L	0.50	CG	01/16/00	12/09/99
608	PCB 1232	0.50	U	ug/L	0.50	CG	01/16/00	12/09/99
608	PCB 1242	0.50	U	ug/L	0.50	CG	01/16/00	12/09/99
606	PCB 1248	0.50	U	ug/L	0.50	CG	01/16/00	12/09/99
606	PCB 1254	0.50	U	ug/L	0.50	CG	01/16/00	12/09/99

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MS. DAPHNE MCCORD
SARASOTA COUNTY
BLOCK A
1301 LATTIMAN ROAD ROOM 219
SARASOTA, FL 34231



ANALYTICAL REPORT

Page 4

Submission Number: 9812030245 Client's P.O. Number: 080001
Date Received: 11/06/99 Project Number:
Date Reported: 01/12/00 Project Name: PCB STUDY
Elab Report Name: Finalized SP01012 RPT

Lab Sample Number: 9911245-1 Date Sampled: 11/06/99
Client Sample Number: 1 Sample Matrix: WASTE WATER
Sample Description: EAST AV

Method	Analyte	Result	Q	Units	Reporting		Date Analyzed	Date Prepared
					Limit	Analyst		
<u>PRIORITY POLLUTANT TEST AND PCB'S</u>								
606	PCB 1260	0.50	U	ug/L	0.50	CD	01/12/00	12/04/99

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

CERTIFICATION: All analytical data reported above were obtained using the specified methods and were validated by our laboratory quality control system. This laboratory follows an approved quality assurance program.

Respectfully submitted:

Paul K. Carnevale
Laboratory Director

DETECTION/INTERFERENTIAL ANALYSIS
 AT 150.310-2.1
 (PWS02)

ELAB Submission Number: 9912244
 Sample Identification: EAST AV
 ELAB Report Name: DFPREP <Drinking>

Parameter ID	Name (MCL)	Sample Number	Analyte Result	Q	Units	Analytical Method	Regulation Limit	Analysis Date	Analysis Time
2004	ENDRIN (L)	9912244	0.026	U	ug/L	608	0.020	01/10/00	
2010	g-BHC (LINDANE) (L)	9912244	0.010	U	ug/L	608	0.010	01/10/00	
2015	METHOXYCHLOR (L)	9912244	0.070	U	ug/L	608	0.070	01/10/00	
2020	TOXAPHENE (L)	9912244	0.18	U	ug/L	608	0.18	01/10/00	
2047	HEXACHLOROXYCLOPENTADIENE (L)	9912244	5.0	U	ug/L	8270	5.0	12/24/99	
2065	HEPTACHLOR (L)	9912244	0.030	U	ug/L	608	0.010	01/10/00	
2067	HEPTACHLOR EPOXIDE (L)	9912244	0.010	U	ug/L	608	0.010	01/10/00	
2774	HEXACHLOROBENZENE (L)	9912244	5.0	U	ug/L	8270	5.0	12/24/99	
2306	BENZ(a)PYRENE (L)	9912244	5.0	U	ug/L	8270	5.0	12/24/99	
2326	PENTACHLOROPHENOL (L)	9912244	20	U	ug/L	8270	20	12/24/99	
2389	PCB 1016 (L)	9912244	0.50	U	ug/L	608	0.50	01/10/00	
2390	PCB 1221 (L)	9912244	0.50	U	ug/L	608	0.50	01/10/00	
2392	PCB 1242 (L)	9912244	0.50	U	ug/L	608	0.50	01/10/00	
2394	PCB 1248 (L)	9912244	0.50	U	ug/L	608	0.50	01/10/00	
2396	PCB 1249 (L)	9912244	0.50	U	ug/L	608	0.50	01/10/00	
2398	PCB 1254 (L)	9912244	0.50	U	ug/L	608	0.50	01/10/00	
2400	PCB 1260 (L)	9912244	0.50	U	ug/L	608	0.50	01/10/00	
2959	CHLORDANE (Tech.) (L)	9912244	0.020	U	ug/L	608	0.020	01/10/00	

Data Qualifier Code Key:

U The analyte was analyzed for, but was not detected above the report sample quantitation limit

UNDETERMINED GROUP 1 ANALYSIS
 #P: 550-435
 12/03/99

ELAB Submission Number: 9912245
 Sample Identification: EAST AV
 ELAB Report Name: DERMSEP-DrinkingRep

Parameter ID	Name	Sample Number	Analysis Result	U	Units	Analytical Method	Reporting Limit	Analysis Date	Analysis Time
2356	ALDRIN	9912245	1	0.020	U	ug/L	0.020	01/10/00	12/09/99
2364	DIELEPHIN	9912245	1	0.11	U	ug/L	0.13	01/10/00	12/09/99

Data Qualifier Code Key:

U The analyte was analyzed for, but was not detected above the report sample quantitation limit.

UNREGULATED DRINKING WATER ANALYSIS
 62 USC 41011
 (199034)

ELAB Subcontract Number: 9912245
 Sample Identification: EAST AV
 ELAB Report Name: DRINKING Water

Parameter ID	Name	Sample Number	Analysis Result	Unit	Method	Reporting Limit	Analysis Date	Analysis Time
2246	HEXACHLOROCYCLOTRADIENE	9912245-1	5.0	ug/l	8270	5.0	12/24/99	12/29/99
2967	1,3 DICHLOROBENZENE	9912245-1	5.0	ug/l	8270	5.0	12/24/99	12/29/99

Data Qualifier Code Key:

0 The analyte was analyzed for, and was not detected above the report sample quantitation limit.

UNPREDICATED GROUP 111 ANALYSIS

02-550-415(2)

(PWS036417)

Plot Submission Number: 9912060245

Sample Identification: EAST AV

Plot Report Name: DEKREP-001000Rep

Parameter	Sample	Analysis	Analysis	Reporting	Analysis	Analysis				
ID	Name	Number	Result	Q	Units	Method	Limit	Date	Time	
2267	ISOPROXONE	9912245	1	5.0	U	ug/L	8270	5.0	12/24/99	12/09/99
2270	2,4-DINITROTOLUENE	9912245	1	5.0	U	ug/L	8270	5.0	12/24/99	12/09/99
2282	DIMETHYLPHTHALATE	9912245	1	5.0	U	ug/L	8270	5.0	12/24/99	12/09/99
2284	DIMETHYLPHTHALATE	9912245	1	5.0	U	ug/L	8270	5.0	12/24/99	12/09/99
2290	DI-n-BUTYLPHTHALATE	9912245	1	5.0	U	ug/L	8270	5.0	12/24/99	12/09/99
2294	BUTYL BENZYL PHTHALATE	9912245	1	5.0	U	ug/L	8270	5.0	12/24/99	12/09/99
9084	DI-n-OCTYLPHTHALATE	9912245	1	5.0	U	ug/L	8270	5.0	12/24/99	12/09/99
9108	2-CHLOROPHENOL	9912245	1	5.0	U	ug/L	8270	5.0	12/24/99	12/09/99
9112	4,6-DINITRO-2-METHYLPHENOL	9912245	1	20	U	ug/L	8270	20	12/24/99	12/09/99
9115	PHENOL	9912245	1	5.0	U	ug/L	8270	5.0	12/24/99	12/09/99
9116	2,4,6-TRICHLOROPHENOL	9912245	1	5.0	U	ug/L	8270	5.0	12/24/99	12/09/99

Data Qualifier Code Key:

U The analyte was analyzed but was not detected above the report sample quantitation limit.

VULNERABILITY ANALYSIS
 62-590 300.206
 (DMSR28)

Plot: Vul Mission Number: 1912/20141
 Sample Identification: BASO AV
 Lab Report Name: DMSR28 10/10/2014

Parameter ID	Name (MCL)	Sample Number	Analyte Result	U	Units	Analytical Method	Reporting Limit	Analysis Date	Analyst
2578	1,2,4-TRICHLOROENZENE (L)	1912245	1	5.0	U	ug/L	6270	5.0	12/24/95
2568	1,2-DICHLOROENZENE (L)	1912245	1	5.0	U	ug/L	6270	5.0	12/24/95
2569	1,4-DICHLOROENZENE (L)	1912245	1	5.0	U	ug/L	6270	5.0	12/24/95

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the report sample quantitation limit.

Parameter ID	Name	Sample Number	Analysis Result	Q	Units	Analytical Method	Reporting Limit
A-BHT		9912245	0.010	0	ug/L	608	0.010
B-BHT		9912245	0.020	0	ug/L	608	0.020
C-BHT		9912245	0.074		ug/L	608	0.050
4,4'-DDP		9912245	0.040	0	ug/L	608	0.040
4,4'-DDE		9912245	0.010	0	ug/L	608	0.010
4,4'-DDD		9912245	0.010	0	ug/L	608	0.010
ENDOSULFAN I		9912245	0.020	0	ug/L	608	0.020
ENDOSULFAN II		9912245	0.020	0	ug/L	608	0.020
ENDOSULFAN SULFATE		9912245	0.030	0	ug/L	608	0.030
ENDURIN ALDERLYNE		9912245	0.030	0	ug/L	608	0.030
ACENAPHTHENE		9912245	5.0	0	ug/L	8270	5.0
ACENAPHTHYLENE		9912245	5.0	0	ug/L	8270	5.0
ANTHRACENE		9912245	5.0	0	ug/L	8270	5.0
BENZ(A)ANTHRACENE		9912245	5.0	0	ug/L	8270	5.0
BENZ(B)FLUORANTHENE		9912245	5.0	0	ug/L	8270	5.0
BENZ(K)FLUORANTHENE		9912245	5.0	0	ug/L	8270	5.0
BENZ(1,2,3,4)PYRENE		9912245	5.0	0	ug/L	8270	5.0
BIS(2-CHLOROPHENOXY) METHANE		9912245	5.0	0	ug/L	8270	5.0
BIS(2-CHLOROPHENOXY) ETHER		9912245	5.0	0	ug/L	8270	5.0
BIS(2-CHLOROPROPYL) ETHER		9912245	5.0	0	ug/L	8270	5.0
BIS(2-ETHYLHEXYL) PHTHALATE		9912245	5.0		ug/L	8270	5.0
4-BROMOPHENYL PHENYL ETHER		9912245	5.0	0	ug/L	8270	5.0
CARBAZOLE		9912245	10	0	ug/L	8270	10
4-CHLOROPHTHALIC		9912245	10	0	ug/L	8270	10
2-CHLORONAPHTHALENE		9912245	5.0	0	ug/L	8270	5.0
4-CHLORO-3-METHYLPHENOL		9912245	25	0	ug/L	8270	25
4-CHLOROPHENYL PHENYL ETHER		9912245	5.0	0	ug/L	8270	5.0
CHRYSENE		9912245	5.0	0	ug/L	8270	5.0
DIBENZ(A,H)ANTHRACENE		9912245	5.0	0	ug/L	8270	5.0
DIBENZOFURAN		9912245	5.0	0	ug/L	8270	5.0
1,1'-DICHLOROBENZIDINE		9912245	20	0	ug/L	8270	20
2,4-DICHLOROPHENOL		9912245	5.0	0	ug/L	8270	5.0
2,4-DIMETHYLPHENOL		9912245	5.0	0	ug/L	8270	5.0
2,4-DINITROPHENOL		9912245	20	0	ug/L	8270	20
4,6-DINITROTOLUENE		9912245	5.0	0	ug/L	8270	5.0
FLUORANTHENE		9912245	5.0	0	ug/L	8270	5.0
FLUORENE		9912245	5.0	0	ug/L	8270	5.0
HEXACHLOROCYCLOHEXANE		9912245	5.0	0	ug/L	8270	5.0
INDENO(1,2,3-CD)PYRENE		9912245	5.0	0	ug/L	8270	5.0
1-METHYLNAPHTHALENE		9912245	5.0	0	ug/L	8270	5.0
2-METHYLPHENOL		9912245	5.0	0	ug/L	8270	5.0
4-METHYLPHENOL		9912245	5.0	0	ug/L	8270	5.0
2-NITROANILINE		9912245	25	0	ug/L	8270	25
3-NITROANILINE		9912245	5.0	0	ug/L	8270	5.0
4-NITROANILINE		9912245	5.0	0	ug/L	8270	5.0
NITROBENZENE		9912245	5.0	0	ug/L	8270	5.0
2-NITROPHENOL		9912245	5.0	0	ug/L	8270	5.0
4-NITROPHENOL		9912245	20	0	ug/L	8270	20
N-NITROSODIMETHYLAMINE		9912245	5.0	0	ug/L	8270	5.0
N-NITROSODIETHYLAMINE		9912245	5.0	0	ug/L	8270	5.0
PERMANENTHENE		9912245	5.0	0	ug/L	8270	5.0
PYRENE		9912245	5.0	0	ug/L	8270	5.0
2,4,5-TRICHLOROPHENOL		9912245	5.0	0	ug/L	8270	5.0
NAPHTHALENE		9912245	5.0	0	ug/L	8270	5.0

Florida Certification:
 Drinking Water #83160
 Environmental #83079
 Com QAP #440198

ELAB, Inc.
 Fort Lauderdale, Florida

INSTRUCTIONS ON BACK OF THIS FORM.

FOR LAB USE ONLY

Condition of Contents:	
Temp. of Contents:	Condition of Seals:

FOR LAB USE ONLY

Submission No. 9912-745

Client: Company or Individual
Sarasota County
Env. Svcs

Address 1301 Catherman Blvd Apt 218

Phone: 941-378-6142

18. Report Type:

City	State	Zip Code

fax 941 378-6215

2 Report to: David Robert Brown
Daphne McCord or
Cesar Rodriguez

Address _____

Phone: 1 1

City _____ State _____ Zip Code _____

Fax: () ()

3. Client Project Name
PCD - NPOES

Water Sample Codes (for Item 13)	Container Codes (for Item 16)

14.	15.	Penetrators	C		C				
	16.	Computers	G		G				

4 Client Project No.

DW	Amount Water	V	V(D ₂ O) (ml)

17.	

S. P. O. No.: 00202

GW = Ground Water	G = class

670

6. Custody Seal No. _____

NW	Surface Water	P	plastic

ers

7 Sampled By Malone

PW	processed water	M	micro bag cup

tain

9. Shipping Method

WWW	Water Works	☐	Other

1000

Preservation Codes
(for Item 15)

C = Coal Only
H = Hydrochloric Acid
M = Methyl Chlorosulfonic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

[illegible]

21. RELINQUISHED BY			DATE	TIME	22. RECEIVED BY			DATE	TIME	FOR TAB USE ONLY	
1.	Bruce Nelson	12/7/99	0830	Dave D. Lel	12/07/99	0830	Sampling Fee: _____ Hrs.				
2.	Dave D. Lel	12/07/99	1340	Clay Clifton	12/07/99	1340	Equipment Rental Fee: _____				
3.	Clay Clifton	12/07/99	1452	Gawn Orma	12/7/99	1452	Profile No.:		Quote No.: 642		
4.											

J. LDR



LAND DEVELOPMENT REGULATIONS

(FOR SUBDIVISIONS/SITE AND DEVELOPMENT PLANS)

SARASOTA COUNTY GOVERNMENT

by ordinance as part of the County's Concurrency Management System.

C. STORMWATER MANAGEMENT.

1. **GENERAL.** A complete stormwater management system shall be provided for the treatment and control of stormwater runoff that originates within the development, or that flows onto or across the development from adjacent lands. Said stormwater management system shall be designed accordance with Southwest Florida Water Management District criteria provided in the District's Permit Information Manual and modified as necessary to comply with Sarasota County Stormwater Management regulations. The designs shall be based on a one hundred (100) year twenty-four (24) hour storm and the level of service criteria given in Appendix C14. The system shall be designed for long life, low cost, and ease of maintenance by normal methods. Drainage calculations shall be based on appropriate hydrologic design methods as approved by the County.

a. The Rational Method may be used for developments of ten (10) acres or less.

b. For developments greater than ten (10) acres, runoff hydrographs shall be developed and routed through the proposed stormwater management system.

c. Redevelopment peak discharges shall assume existing conditions and be based on a one hundred (100) year 24-hour storm. In areas of known stormwater problems or with restrictive downstream conveyances, allowable peak outflows shall be as determined by County adopted studies.

d. Post-development peak discharges and hydrographs shall be based on a one hundred (100) year, twenty-four (24) hour storm for the proposed conditions.

2. **SWALES.** Swales within the development shall be sodded and have slopes no greater than four (4) to one (1). Normal swale sections shall be minimum of six (6") inches deep.

3. **OPEN CHANNELS AND OUTFALL DITCHES.** With the exception of swales and major drainage ways, open drainage ways within one hundred (100') feet of school sites shall not be permitted unless specifically approved by the Board. In these areas drainage plans shall provide that stormwater be collected in properly designed systems of underground pipes, inlets and other appurtenances and be conveyed to an ultimate positive outfall beyond the outer edge of the development or at the nearest natural outfall. Where

permitted, open drainage ways shall retain natural characteristics and be so designed and protected that they do not present a hazard to life and safety. Protection against scour and erosion shall be provided as required by the County Engineer based on sound engineering practice.

4. **DISPOSITION OF STORMWATER; DRAINAGE LEVEL OF SERVICE.**

Stormwater Quality: No discharge from any stormwater discharge facility shall cause or contribute to a violation of water quality standards in waters of the State as provided for in State Statutes. Further, the County will develop and set criteria, based upon state and local regulations that will set a community level of water quality standard for stormwater discharge facilities. Stormwater Quantity: A complete stormwater management systems shall provide for adequate control of stormwater runoff. In order to avoid burdening downstream drainage ways and for general conservation purposes, the following specific guidelines are as follows:

a. Drainage designs shall provide for the attenuation/retention of stormwater from the site. Water released from the site shall be in such a manner as to assure that the rate of runoff after cost development is less than that before development.

b. A 100-year event flood analysis shall be provided for the site demonstrating no inundation of habitable structures.

c. Drainage systems shall include special engineering design features to minimize pollution from oil, suspended solids and other objectionable materials. Wet detention treatment systems shall be designed to treat one (1") inch of runoff; other treatment systems shall be designed to treat the runoff resulting from the first one (1") inch of rainfall. Stormwater systems discharging directly into saltwater tidal systems, bays, or the gulf shall be designed to treat 1.5 times the volume required for the selected treatment system. Runoff from the area being developed or redeveloped shall be treated.

d. Stormwater systems shall be designed to reduce floating and suspended solids to a minimum.

e. Drainage structures (inlets, manholes, control structures, etc.) shall be designed to minimize ponding within the structure.

f. No cutting, clearing, grading or filling shall be accomplished on any site under development unless appropriate devices, as shown in the Best Management Practices Plans, have been installed to minimize pollution from objectionable materials, to control erosion, and to remove sediment from surface water runoff. Appropriate techniques

shall also be utilized to stabilize and revegetate disturbed areas as soon as possible.

g. A plan for operating and maintaining the stormwater management system shall be provided. The plan shall include a schedule of tasks to be performed including periodic dredging and silt removal by the designated responsible entity and shall be sufficient to ensure proper performance of the system.

h. A construction plan stormwater review checklist (See Appendix C25) and a construction plan stormwater design summary form (See Appendix C26) will be required for all developments which are not a part of a previously approved stormwater management system.

5. ATTENUATION AND RETENTION FACILITIES.

a. Underground facilities are not acceptable unless adequate justification and demonstration of reliable performance can be provided to the satisfaction of the County Engineer based on standard engineering practice. Underground facilities shall provide for easy inspection, access and maintenance. Voids in gravel or similar material cannot be included in the calculation of a treatment or attenuation storage.

b. Appendix C15 defines the methodology to be used to determine attenuation volumes for stormwater management designs utilizing the Rational Method.

6. **REGIONAL ATTENUATION FACILITIES.** The use of regional stormwater attenuation facilities in lieu of on-site facilities is encouraged. Documentation shall be provided demonstrating that proposed regional facilities adequately serve the intended service area without adverse impacts up or downstream. The County may require a development to utilize a public, regional stormwater facility in lieu of requiring individual, on-site attenuation of the development. The following conditions must exist before the County can require developers use a public facility:

a. an accepted County drainage basin study has identified the regional stormwater facility service area and the development is located within the service area

b. the construction of the regional stormwater facility required to accommodate the development is complete or underway.

Developments required to use regional stormwater facilities in lieu of individual, on-site attenuation shall provide a one-time capital contribution to the County for use of the facility at the time of development. The amount of

the one-time capital contribution shall be based on that percentage of the regional stormwater management facility capacity which is to be consumed by the development.

7. **INLET SPACING.** Inlets shall be spaced in such a manner as to accept one hundred (100%) percent of the design runoff. The actual required spacing will depend on the characteristics of each particular site.

8. **DEDICATIONS.** Except for drainage easements and drainage structures which are to remain private, all drainage easements and drainage structures which are to become public shall be dedicate to Sarasota County at no expense to the County. Dedication for drainage ditches shall include a suitable berm (shoulder) width for vehicular maintenance operations and be in accordance with Appendix C13. Said berm shall be cleared of trees, shrubs and other obstructions and shall have adequate vehicle access. Suitable maintenance areas for the other drainage structures shall also be dedicated to the County. If the dedications do not appear in the recorded plat, then a separate instrument must be prepared and recorded prior to construction.

9. **DITCH CROSSING.** Utilities crossing County maintained ditches shall be designed in accordance with Appendix C16.

10. **MAINTENANCE.**

a. If required drainage easements and drainage structures are to remain private, an instrument acceptable to the County Attorney shall be recorded in the public records identifying a designated responsible entity which shall be responsible for the operation, maintenance and repair of the drainage easements and structures. The instrument shall provide that if the drainage easements and structures are not adequately maintained in accordance with County standards, the County shall have the right but not the obligation to go on the property and perform all necessary operation, maintenance, and repair functions. All expenses of such operation, maintenance, and repair shall become a lien against the property which may be foreclosed by the County.

b. Where a new development contains historic drainage ditches and drainage structures within its boundaries, these ditches and structures shall either be dedicated to Sarasota County or maintained by a designated responsible entity as provided above. If an owner cannot legally comply with the dedication or maintenance requirements of this section, the County, by virtue of approving and recording the final plat, shall have a right and license in perpetuity to enter upon the property for the purpose of operating, maintaining and repairing such

historic drainage ditches and structures. The right and license to maintain historic drainage ditches and structures shall be exercised in the discretion of the County and shall impose no affirmative obligation on the County to perform such functions. Such right and license shall automatically terminate at such time as the historic drainage ditches and drainage structures no longer exist or function as drainage facilities.

c. If there is no designated responsible entity having the obligation to maintain the capacity of the off-site drainage system receiving stormwater discharge from the site, the Applicant requesting development approval shall fulfill one of the following:

1) Provide:

a. The on-site stormwater management system serving the development shall be designed to assume non-maintenance of the receiving water system;

b. An executed agreement recorded in the public records, indemnifying the County for any attorney's fees or costs incurred as a result of the County's approving the development.

2) Obtain a private drainage and maintenance easement and identify the entity responsible for maintenance of the capacity of the receiving drainage system.

3) Obtain and provide a public drainage and maintenance easement to the County for maintenance of the capacity of the receiving drainage system by the County.

4) Pay the County's costs of condemning the receiving drainage system, including any award to the landowner, of obtaining a drainage and maintenance easement for maintenance of the capacity of the receiving drainage system by the County.

D. POTABLE WATER SUPPLY SYSTEMS.

1. POTABLE WATER SYSTEM.

a. **CENTRAL POTABLE WATER SYSTEM.** A central potable water system shall be provided in all new developments. Connection shall be required with a central water system where an existing system is within a given distance from a point on the perimeter of the

K. IMPERVIOUS

Proposed Impervious Surfaces Overlay District (ISOD) File No. 00-ZTA-05

Introduction: The proposed Impervious Surfaces Overlay District (ISOD) will be a "Pilot Program" for regulating stormwater runoff associated with new or expanded single family or duplex residences. The overlay will first be applied on the Barrier Islands, since many areas on the islands are subject to tidal influence and there is a history of street, yard, and structure flooding. The pilot program will be evaluated within one-year of adoption to assess any problems with implementation; determine its effectiveness; and, consider whether similar zoning provisions merit application elsewhere in the City.

Note: Proposed Zoning Code provisions incorporate City Commission and Planning Board direction provided at the February 7, 2000 Workshop on the proposed ISOD. Zoning Code text additions are indicated by underlined text; recommended deletions are shown with ~~strike through~~.

Amend Article II, Division 2, Definitions, to include the following:

Fill: Any act by which earth, sand, shell, gravel, rock or similar material is pushed, placed, dumped, stacked, or in any way moved to a new location above the existing natural surface of the ground or on the top of a stripped surface, including the condition resulting there from. Fill, for purposes of these Land Development Regulations, does not include the placement of earth or gravel, asphalt or other paving materials that is done in conjunction with road improvements within public rights-of-way.

Impervious Surfaces: Those surfaces and development features on a zoning lot which are non-porous and which substantially prevent rain or storm water from absorbing or percolating into the ground beneath them. Impervious surfaces include, but are not limited to: roof areas, patios, sidewalks, paved driveways, swimming pools, and other development features surfaced with asphaltic pavement, concrete, or other non-porous materials. Development features, pavement materials, and landscape improvements which have a "C" factor of 0.60 or higher shall be considered impervious.

Run-off coefficient - ("C" factor): A value expressed in numerical form, for various surfaces based on the surface roughness, capabilities of absorption, and slope. The higher the coefficient number (the highest being 1) such as 0.95 for concrete, asphalt or roofs, the more volume of each rain drop is runoff from that surface.

Slope: Any ground whose surface makes an angle from the horizontal. The extent of slope may be expressed as ratio (e.g. 4:1) or a percentage (e.g. 25%).

Amend Section III-301. Powers and Duties, as follows

- * * *
- B. To hear and grant variances from the terms of the Land Development Regulations. However, the Board of Adjustment shall not be authorized to grant variances from the terms of these Land Development Regulations pertaining to the following:

- * * *
5. Development Standards within the Impervious Surfaces Overlay District prescribed by Section VI-3107(E).

Amend Section V-104. Nonconforming Characteristics of Uses, as follows:

If characteristics of use, such as density, off-street parking or off-street loading, impervious surfaces, or other matters pertaining to the use of land and structures, are made nonconforming by these regulations as adopted or amended, no change shall thereafter be made in such characteristics of use which increase or extend the nonconformity; provided that changes may be made which do not increase, extend or which decrease such nonconformity.

Amend Article VI, Division 31 (Special Public Interest Overlay District) to include the following:

Section VI-3107 Impervious Surfaces Overlay District

A. Intent and Purpose

The intent and purpose of the Impervious Surfaces Overlay District (ISOD) is to: implement the Sarasota City Plan (1998); prevent or reduce flooding impacts associated with new or expanded single family and duplex dwellings on the Barrier Islands; provide standards for single family or duplex development with large impervious areas located in areas of known flood hazard or subject to tidal influences; and, provide standards which reduce or avoid off-site drainage impacts associated with filling and excavations within the ISOD.

B. Establishment of Boundaries

In lieu of a metes and bounds description, the overlay district boundaries shall encompass all "Barrier Islands" including: Bird Key, Coon Key, Lido Key, St

Armands Key, and that portion of Siesta Key within the corporate limits of the City of Sarasota. The areas encompassed by the overlay district boundaries shall be superimposed over the City of Sarasota Zoning Maps to delineate those areas covered by the ISOD.

C. Permitted Uses

Subject to the development standards set forth in this Division and in Article VII, the uses permitted as of right in the ISOD are the same as those permitted in the underlying zone district(s) as set forth in the land use matrix in Section VI-102.

D. Conditional Uses

Uses identified as Conditional in the underlying zoning district(s) shall require a Conditional Use permit when proposed to be established in the ISOD.

E. Development Standards, Yards and Setbacks

All uses in the ISOD shall be subject to the yard, setback, and height requirements set forth in the underlying zoning district, unless a more restrictive standard is established by the ISOD. It shall be the responsibility of the owner/applicant for building permits for single-family or two-family dwellings, or additions to existing single family or duplex dwellings, to submit a site plan, supplemental studies, calculations, plans sealed by a Registered Professional Engineer, or other information as may be requested by the Director of Building, Zoning and Code Enforcement which identifies and/or demonstrates:

1. The area of impervious surfaces existing and proposed on the zoning lot and the percentage of the total lot area existing or proposed to be covered by impervious surfaces; and,
2. That on-site retention will be provided as follows:
 - a) For zoning lots with impervious surfaces totaling 4000 square feet or less: None.
 - b) For zoning lots with impervious surfaces exceeding 4000 square feet: 18 cubic feet of retention volume for each 100 square feet of impervious area in excess of 4000 square feet.
3. That plans for proposed fill and excavations will comply with the following:
 - a) Fill materials, compaction methods and density specifications shall be indicated on the plans. Fill areas intended to support structures shall be identified on the plan.

- b) The finished grade of fill or cut slopes shall not be steeper than 4:1 (25%) unless an engineering analysis certifies to the satisfaction of the Director of Building, Zoning and Code Enforcement that steeper slopes are structurally stable and that temporary and permanent erosion control measures and permanent stormwater drainage plans are specified.
- c) Fill slopes proposed within a side yard setback area shall be setback from the side property line at least ½ the minimum required setback (yard) dimension.

F. Pending or Previously Issued Building Permits:

- f. A complete application for a building permit filed (i.e., date stamped as received by the Building and Zoning Department) prior to the effective date of this section (insert date of adoption) shall be reviewed under the zoning regulations in effect when the application was date stamped. Buildings and associated development authorized under a building permit issued prior to (insert date of adoption) may be completed according to plans approved under regulations in effect on the date of issuance if the subject building permit(s) remain active (e.g., do not lapse) and construction is diligently pursued to completion.

1. OUTFALLS

Outfall Inventory for the City of Sarasota

<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Drainage Basin</i>
DeSoto Rd. and Old Bradenton Rd., SE of	OF-SA-01	0016	Whitaker Bayou
Old Bradenton Rd. and Village Gardens Rd	OF-SA-01	0048	Whitaker Bayou
1200 block of 48th St. at E. end of dirt road	OF-SA-01	0053	Whitaker Bayou
46th St. bridge, SE of Old Bradenton Rd.	OF-SA-01	0054	Whitaker Bayou
SW side of 46th St. bridge at E. of Old Bradenton Rd	OF-SA-01	0055	Whitaker Bayou
Not possible to locate outfall.	OF-SA-01	0095	Whitaker Bayou
41st St. bridge, NE of Old Bradenton Rd	OF-SA-01	0096	Whitaker Bayou
40th St. bridge, SE of Old Bradenton Rd	OF-SA-01	0097	Whitaker Bayou
SW of 40th St. bridge, E. of Old Bradenton Rd	OF-SA-01	0098	Whitaker Bayou
39th St., E. of, off Old Bradenton Rd.	OF-SA-01	0100	Whitaker Bayou
38th St. bridge, NE of Old Bradenton Rd	OF-SA-01	0101	Whitaker Bayou
SW side of 38th St. bridge, E of Old Bradenton Rd.	OF-SA-01	0102	Whitaker Bayou
Myrtle St., SW side of Whitaker Bayou bridge.	OF-SA-01	0103	Whitaker Bayou
42nd St., E. end, off of Old Bradenton Rd	OF-SA-01	0104	Whitaker Bayou
42nd St., E. end, off of Old Bradenton Rd.	OF-SA-01	0105	Whitaker Bayou
2846 Riverside Dr., across creek.	OF-SA-01	0146	Whitaker Bayou
2846 Riverside Dr., across creek.	OF-SA-01	0147	Whitaker Bayou
Pipe through seawall E. side of Ringling Oaks MHP.	OF-SA-01	0148	Whitaker Bayou
27th St. bridge, NE of.	OF-SA-01	0149	Whitaker Bayou
Not possible to locate outfall.	OF-SA-01	0150	Whitaker Bayou
Not possible to locate outfall	OF-SA-01	0151	Whitaker Bayou
27th St. bridge over Whitaker Bayou, SW corner, in undergrowth.	OF-SA-01	0152	Whitaker Bayou
Not possible to locate outfall	OF-SA-01	0159	Whitaker Bayou
Not possible to locate outfall.	OF-SA-01	0160	Whitaker Bayou
Cocoanut Ave. and 32nd St., NW side of bridge.	OF-SA-01	0161	Whitaker Bayou
34th St., E. end, at Whitaker Bayou	OF-SA-01	0162	Whitaker Bayou
35th St., E. end, at Whitaker Bayou	OF-SA-01	0163	Whitaker Bayou
Not possible to locate outfall	OF-SA-01	0164	Whitaker Bayou
Behind 2346 Bradenton Rd.	OF-SA-01	0209	Whitaker Bayou
Tamiami Trail N. at Whitaker Bayou, storm water retention area in front	OF-SA-01	0210	Whitaker Bayou
Tamiami Trail N., under SW side of bridge over Whitaker Bayou.	OF-SA-01	0211	Whitaker Bayou
Tamiami Trail N. bridge over Whitaker Bayou, NE of	OF-SA-01	0212	Whitaker Bayou

<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Drainage Basin</i>
Central Ave., E. side, between 23rd and 24th St.	OF-SA-01	0238	Whitaker Bayou
Behind 2423 Walker Cl.	OF-SA-01	0239	Whitaker Bayou
Behind 2409 Walker Cl.	OF-SA-01	0240	Whitaker Bayou
Coconut Ave., under N. side of bridge.	OF-SA-01	0241	Whitaker Bayou
Coconut Ave. and 21st St., under SW side of bridge	OF-SA-01	0242	Whitaker Bayou
Central Ave., street drains between 23rd and 24th St.	OF-SA-01	0243	Whitaker Bayou
22nd St., under W. side of bridge, E. of Orange Ave.	OF-SA-01	0287	Whitaker Bayou
22nd St., under E. side of bridge, E. of Orange Ave.	OF-SA-01	0288	Whitaker Bayou
21st St., south side, storm water grate between 1747 and 1733.	OF-SA-01	0289	Whitaker Bayou
1790 21st St., storm water retention area.	OF-SA-01	0290	Whitaker Bayou
1790 21st St., street drains.	OF-SA-01	0291	Whitaker Bayou
East Ave. and 17th St., NW of, E-W ditch.	OF-SA-01	0292	Whitaker Bayou
East Ave., SW side of bridge, N. of 17th St., E-W ditch.	OF-SA-01	0298	Whitaker Bayou
1800 East Ave., S. of, into ditch.	OF-SA-01	0299	Whitaker Bayou
Not possible to locate outfall.	OF-SA-01	0318	Whitaker Bayou
12th St. and Shade Ave., W. side of GTE parking lot	OF-SA-01	0546	Whitaker Bayou
8th St. and Lime Ave., storm drain	OF-SA-01	0547	Whitaker Bayou
Not possible to locate outfall	OF-SA-01	0549	Whitaker Bayou
11th St. and Villas St.	OF-SA-01	0698	Whitaker Bayou
2331 15th St., E. of Humane Society.	OF-SA-01	0705	Whitaker Bayou
Not possible to locate outfall	OF-SA-01	0729	Whitaker Bayou
Not possible to locate outfall	OF-SA-01	0732	Whitaker Bayou
Not possible to locate outfall.	OF-SA-01	0735	Whitaker Bayou
Not possible to locate outfall.	OF-SA-01	0738	Whitaker Bayou
No outfall found on site. SW side of RR tracks on Tuttle Ave.	OF-SA-02	0871	Hudson Bayou
Ringling Blvd. & Euclid Ave.	OF-SA-02	0874	Hudson Bayou
Floyd Ave. & School Ave.	OF-SA-02	0875	Hudson Bayou
Arlington St. & Shade Ave., northwest corner.	OF-SA-02	0878	Hudson Bayou
The Bayou Retirement Center, 730 S. Osprey Ave., center of parking lot	OF-SA-02	1246	Hudson Bayou
The Bayou Retirement Center, 730 S. Osprey Ave., center of parking lot	OF-SA-02	1247	Hudson Bayou
NE end of Jefferson Club Apts. off Jefferson Ave., flowing W-E then S	OF-SA-02	1308	Hudson Bayou
Aspenwall St., E. end, off Suntan Ave.	OF-SA-02	1309	Hudson Bayou
Aspenwall St., W. end, off Briggs	OF-SA-02	1310	Hudson Bayou
Payne Pkwy. and Oak St., NE of an pond.	OF-SA-02	1516	Hudson Bayou

<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Drainage Basin</i>
Payne Pkwy. and Oak St., NE of. V- notch weir in ditch	OF-SA-02	1617	Hudson Bayou
Behind 2159 Floyd St	OF-SA-02	1699	Hudson Bayou
School Ave. and Temple St., swale between, off Floyd St., large catch basin	OF-SA-02	1700	Hudson Bayou
Jefferson St., pipe between Hillview St and Arlington St	OF-SA-02	1701	Hudson Bayou
Jefferson St., SE corner of ditch between Hillview St and Arlington St	OF-SA-02	1702	Hudson Bayou
Railroad easement NW of Tuttle Ave. and Novus St., 4" pipe, pond to ditch	OF-SA-02	1772	Hudson Bayou
Railroad easement NW of Tuttle Ave. and Novus St., 6" oval pipe from N.	OF-SA-02	1773	Hudson Bayou
Behind 2761 Novus St	OF-SA-02	1774	Hudson Bayou
E. of Novus St. off Shade Ave. and Jefferson St.	OF-SA-02	1775	Hudson Bayou
Bay St., W. end, off Tuttle Ave.	OF-SA-02	1776	Hudson Bayou
Jefferson Ave., S. end, off Browning Ave.	OF-SA-02	1777	Hudson Bayou
Courtland St. and Euclid Ave., SW corner	OF-SA-02	1787	Hudson Bayou
Ditch from N. under School Ave., N. side of Middle School.	OF-SA-02	1813	Hudson Bayou
Ditch from S. under School Ave., N. side of Middle School.	OF-SA-02	1814	Hudson Bayou
Bahia Vista St., Pipe from E. discharging into creek on Sarasota High	OF-SA-02	1819	Hudson Bayou
Bahia Vista St., Pipe from W. discharging into creek on Sarasota High	OF-SA-02	1820	Hudson Bayou
Alderman St., E. end, off Orange Ave.	OF-SA-02	1821	Hudson Bayou
Ohio Pl. off Oak St., behind City lift station or S. end of Ohio Pl.	OF-SA-02	1823	Hudson Bayou
Novus St., W. end, off Osprey Ave.	OF-SA-02	1824	Hudson Bayou
Head of creek in Central Park condos	OF-SA-02	1842	Hudson Bayou
Storm water retention pond in Central Park condos	OF-SA-02	1855	Hudson Bayou
Orange Ave., under NW side of bridge.	OF-SA-02	1856	Hudson Bayou
Behind 1605 Bay Pt. Ct., along mangroves.	OF-SA-02	1857	Hudson Bayou
Hudson Ave., S. end, off Mound St.	OF-SA-02	1858	Hudson Bayou
Citrus Ave., N. end, off Bahia Vista St.	OF-SA-02	1859	Hudson Bayou
Pomelo Ave., N. end, off Bahia Vista St.	OF-SA-02	1860	Hudson Bayou
Osprey Ave., NW side of Hudson Bayou Bridge.	OF-SA-02	1861	Hudson Bayou
Not possible to locate outfall	OF-SA-02	1862	Hudson Bayou
1959 Lincoln Dr., behind.	OF-SA-02	1863	Hudson Bayou
Lincoln Dr. and Alta Vista St.	OF-SA-02	1864	Hudson Bayou
NW of Hudson Bayou Bridge at US 41	OF-SA-02	1865	Hudson Bayou
Tamiami Trail S., SW side of Hudson Bayou bridge	OF-SA-02	1869	Hudson Bayou
Palm Ave., south end, at Selby Gardens	OF-SA-02	1870	Hudson Bayou
Behind 1553 Bay Pt. Dr.	OF-SA-02	1871	Hudson Bayou

<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Drainage Basin</i>
Behind 1519 Bay Pl. Dr	OF-SA-02	1872	Hudson Bayou
Not possible to locate outfall. Courtland St. and Tuttle Ave.	OF-SA-02	1918	Hudson Bayou
Retention area discharge to north fork, off School Ave. on High School	OF-SA-02	11B-SA-001	Hudson Bayou
Outfall not located. NW corner of Beneva and 12th St.	OF-SA-03	0639	Phillippi Creek
17th St., 1/2 block east of Lockwood Ridge Rd	OF-SA-03	1267	Phillippi Creek
1201 Beneva Rd. N., Faith Presbyterian Church, north side.	OF-SA-03	1278	Phillippi Creek
200 yards south of 17th St. on west side of Circus Blvd.	OF-SA-03	1282	Phillippi Creek
1201 Beneva Rd. N., Faith Presbyterian Church parking lot.	OF-SA-03	1284	Phillippi Creek
200 feet south of Bobby Jones Golf Course entrance	OF-SA-03	1285	Phillippi Creek
Approximately 1/4 mile south of Bobby Jones Golf Course entrance	OF-SA-03	1288	Phillippi Creek
Behind northeast corner of The Glen condos, on golf course.	OF-SA-03	1297	Phillippi Creek
100 feet north of Bobby Jones Golf Course entrance.	OF-SA-03	1298	Phillippi Creek
Circus Blvd., on curve south of 17th St., where 2 creeks join	OF-SA-03	1299	Phillippi Creek
Behind 3350 Bailey Rd	OF-SA-03	1382	Phillippi Creek
Behind 740 Bailey Rd.	OF-SA-03	1383	Phillippi Creek
Behind K-Mart in Town and Country Mall.	OF-SA-03	1384	Phillippi Creek
Behind 414 Melody Ln.	OF-SA-03	1385	Phillippi Creek
No access to outfall. Fruitville Rd. and Beneva Rd., under intersection.	OF-SA-03	1395	Phillippi Creek
No access to outfall. Fruitville Rd. and Beneva Rd., under intersection.	OF-SA-03	1396	Phillippi Creek
Hideaway Condos on Bobby Jones Rd., off Fruitville Rd	OF-SA-03	1397	Phillippi Creek
Not possible to locate outfall.	OF-SA-03	1402	Phillippi Creek
Northwest corner of Whispering Oaks, off Fruitville Rd., to ditch on south	OF-SA-03	1411	Phillippi Creek
Northwest corner of Whispering Oaks, off Fruitville Rd. to ditch on south	OF-SA-03	1412	Phillippi Creek
Bahia Vista St. bridge at Lockwood Ridge Rd., northwest corner.	OF-SA-03	1676	Phillippi Creek
Bahia Vista St. bridge at Lockwood Ridge Rd., southeast corner	OF-SA-03	1727	Phillippi Creek
Bahia Vista St. bridge at Lockwood Ridge Rd., southwest corner	OF-SA-03	1737	Phillippi Creek
Behind 330 Mimosa Ct., discharge to pond	OF-SA-03	1874	Phillippi Creek
Behind 180 Mimosa Ct., outfall from pond	OF-SA-03	1875	Phillippi Creek
Wolverine St. and Midwest Pkwy., east corner	OF-SA-03	1876	Phillippi Creek
Behind 261 Midwest Pkwy.	OF-SA-03	1877	Phillippi Creek
Bearded Oaks Ct. Bridge	OF-SA-03	1878	Phillippi Creek
Behind 353 Midwest Pkwy.	OF-SA-03	1879	Phillippi Creek
Behind 443 Midwest Pkwy.	OF-SA-03	1880	Phillippi Creek
No access to outfall. Fruitville Rd. and Beneva Rd., under intersection	OF-SA-03	1881	Phillippi Creek

<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Drainage Basin</i>
No access to outfall Frutville Rd. and Beneva Rd., under intersection.	OF-SA-03	1882	Phillippi Creek
Not possible to locate outfall.	OF-SA-02	2008	Phillippi Creek
Circus Blvd., at bend in road, near tennis courts.	OF-SA-03	2097	Phillippi Creek
Bahia Vista St. and Tice Ave., under road.	OF-SA-03	2105	Phillippi Creek
Outfall from Bearded Oaks Estates storm water pond.	OF-SA-03	new	Phillippi Creek
Before entrance to Bobby Jones Golf Course.	OF-SA-03	PC-SA-0001	Phillippi Creek
337 N Shore Dr., corner of beach and seawall.	OF-SA-23	0023	Sarasota Bay
Sapphire Dr. and Sun Ct., through seawall at Sapphire Park.	OF-SA-23	0026	Sarasota Bay
15" pipe through seawall in Sapphire Park at Acacia Dr. and Sun Ct.	OF-SA-23	0027	Sarasota Bay
16" pipe through seawall in Sapphire Park, between Acacia Dr. and Wood	OF-SA-23	0028	Sarasota Bay
S. corner of Sapphire Park through seawall at Woodland Dr. and Sun Ct.	OF-SA-23	0029	Sarasota Bay
885 Mecca Dr., storm water swale in rear.	OF-SA-23	0038	BMP
929 Sunridge Dr., Sunridge Apts., off Royal Palms Apts	OF-SA-23	0043	BMP
929 Sunridge Dr., Sunridge Apts., off Royal Palms Apts	OF-SA-23	0044	BMP
929 Sunridge Dr., Sunridge Apts., off Royal Palms Apts.	OF-SA-23	0045	BMP
404 S. Shore Dr., behind.	OF-SA-23	0056	Sarasota Bay
40th St., W. end of, at end of easement	OF-SA-23	0067	Sarasota Bay
3731 Indian Beach Pl., behind; W. side of Jungle Gardens Lake	OF-SA-23	0068	Sarasota Bay
3731 Indian Beach Pl., SW end of Jungle Gardens Lake.	OF-SA-23	0069	Sarasota Bay
Manhole in yard near rocks at W. end of Indian Beach Ln., under rocks	OF-SA-23	0113	Sarasota Bay
706 Indian Beach Ct., through seawall behind, half of pipe below tide level	OF-SA-23	0114	Sarasota Bay
Indian Beach and Virginia Dr., on beach	OF-SA-23	0115	Sarasota Bay
Indian Beach, N. end, on Bayshore Rd. and Virginia Dr., box culvert 48"	OF-SA-23	0116	Sarasota Bay
Indian Beach, N. end, at Bayshore and Virginia Dr.	OF-SA-23	0117	Sarasota Bay
Not possible to locate outfall	OF-SA-23	0118	Sarasota Bay
Not possible to locate outfall	OF-SA-23	0119	Sarasota Bay
1130 Tahiti Pkwy	OF-SA-23	0339	Tahiti Lagoon
1140 Tahiti Pkwy.	OF-SA-23	0340	Tahiti Lagoon
N. side of Centennial Park, half way between US 41 and bay	OF-SA-23	0341	Hog Creek
Tamiami Trail N. at Hog Creek.	OF-SA-23	0342	Hog Creek
Tamiami Trail N. and Hog Creek NW of	OF-SA-23	0343	Hog Creek
Payne Terminal, E. end.	OF-SA-23	0344	Sarasota Bay
Payne Terminal, E. end.	OF-SA-23	0345	Sarasota Bay
City RO discharge point	OF-SA-23	0434	Hog Creek

<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Drainage Basin</i>
Across from 1142 Coconut Ave.	OF-SA-23	0435	Hog Creek
Van Wezel Bayou, SW shore, near mouth.	OF-SA-23	0700	Sarasota Bay
Van Wezel Bayou, SE of.	OF-SA-23	0701	Sarasota Bay
Hyatt Hotel boat basin, SW side of mouth of basin	OF-SA-23	0710	Sarasota Bay
Tamiami Trail, between 2nd and 3rd Streets	OF-SA-23	0711	Sarasota Bay
John Ringling Blvd. Easternmost pipe on beach at Harts Landing, SE side	OF-SA-23	0894	Sarasota Bay
Not possible to locate outfall	OF-SA-23	0904	Payne Terrace
Behind 1572 Harbor Dr.	OF-SA-23	0917	Sarasota Bay
590 Golden Gate Point, behind, through seawall.	OF-SA-23	1000	Sarasota Bay
Behind 226 Golden Gate Point, through seawall	OF-SA-23	1001	Sarasota Bay
Not possible to locate outfall	OF-SA-23	1002	Sarasota Bay
Behind 306 Golden Gate Point	OF-SA-23	1003	Sarasota Bay
SE corner of Marina Jack, inner S. basin	OF-SA-23	1053	Sarasota Bay
S. side of Main St. causeway to Marina Jack, easternmost pipe in seawall.	OF-SA-23	1106	Sarasota Bay
S. side of Main St. causeway to Marina Jack, westernmost pipe in seawall.	OF-SA-23	1107	Sarasota Bay
SE corner of inner boat basin in Marina Jack, through seawall.	OF-SA-23	1110	Sarasota Bay
Bay Pt. Rd. and Gulfview Dr.	OF-SA-23	1117	Sarasota Bay
Behind 1514 Gulfview Dr.	OF-SA-23	1118	Sarasota Bay
1220 Orange Ave., W. end of Bahia Vista St.	OF-SA-23	1119	Sarasota Bay
Behind 1348 Harbor Dr.	OF-SA-23	1120	Sarasota Bay
Behind 1362 Harbor Dr.	OF-SA-23	1121	Sarasota Bay
Not possible to locate outfall.	OF-SA-23	1122	Sarasota Bay
Behind 1336 Harbor Dr.	OF-SA-23	1123	Sarasota Bay
Behind 1416 Harbor Dr.	OF-SA-23	1124	Sarasota Bay
Behind 1550 Harbor Dr.	OF-SA-23	1137	Sarasota Bay
Behind 1800 Flower Dr.	OF-SA-23	1141	Sarasota Bay
Behind 1505 Hillview Dr., NW corner of yard, through seawall	OF-SA-23	1142	Sarasota Bay
Behind 1435 Hillview Dr., through seawall	OF-SA-23	1143	Sarasota Bay
Behind 1301 Vista Dr.	OF-SA-23	1144	Sarasota Bay
Behind 1570 Hillview Dr., through seawall	OF-SA-23	1145	Sarasota Bay
Behind 1502 Sandpiper Ln., through seawall	OF-SA-23	1148	Sarasota Bay
Behind 1561 Blue Heron Dr.	OF-SA-23	1149	Sarasota Bay
Behind 1501 Northwest Dr.	OF-SA-23	1150	Sarasota Bay
Northwest Dr., S. end, through seawall	OF-SA-23	1151	Sarasota Bay.

<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Drainage Basin</i>
Behind 1558 Sandpiper Ln., under mangroves and pepper trees	OF-SA-23	1152	Sarasota Bay
Not possible to locate outfall.	OF-SA-23	1153	Sarasota Bay
Behind 1625 S. Lodge Dr., through seawall	OF-SA-23	1154	Sarasota Bay
Cherokee Dr., W. end, through seawall.	OF-SA-23	1155	Sarasota Bay
Behind 1547 Shoreland Dr.	OF-SA-23	1157	Sarasota Bay
Behind 1723 Shoreland Dr.	OF-SA-23	1158	Sarasota Bay
Behind 1500 S. Lodge Dr., through seawall	OF-SA-23	1172	Sarasota Bay
Behind 1610 N Lodge Dr., under trees through seawall	OF-SA-23	1173	Sarasota Bay
Not possible to locate outfall.	OF-SA-23	1174	Sarasota Bay
Behind 1500 South Dr.	OF-SA-23	1175	Sarasota Bay
Behind 1389 Tangier Way, through seawall	OF-SA-23	1179	Roberts Bay
Behind 1513 Tangier Way, through seawall	OF-SA-23	1180	Roberts Bay
3740 Tangier Terr., behind, through seawall.	OF-SA-23	1181	Roberts Bay
Not possible to locate outfall	OF-SA-23	1243	Sarasota Bay
Not possible to locate outfall.	OF-SA-23	1245	Sarasota Bay
1501 South Dr., buried on beach.	OF-SA-23	SB-SA-002	Sarasota Bay
Harmony Dr. and Northwest Dr., on beach at lift station	OF-SA-23	SB-SA-003	Sarasota Bay
Behind 2026 Oriole Dr.	OF-SA-23	SB-SA-004	Sarasota Bay
4" pipe through seawall in Sapphire Park at Acacia Dr. and Sun Cl	OF-SA-23	SB-SA-001	Sarasota Bay
590 Golden Gate Point, through seawall	OF-SA-28	0918	Sarasota Bay
Across from 3330 Ben Franklin, NW corner of lagoon	OF-SA-28	1195	Sarasota Bay
Across from 1750 Benjamin Franklin Dr. Key Towers, 75' into trees	OF-SA-28	1196	Sarasota Bay
Across from 1900 Ben Franklin Dr	OF-SA-28	1197	Sarasota Bay
Bldg. of the Presidents S., under S. side of bridge	OF-SA-28	1199	Sarasota Bay
Not possible to locate outfall.	OF-SA-28	1200	Sarasota Bay
480 Cleveland Dr., behind, through seawall	OF-SA-28	1201	Sarasota Bay
Approx. 2' below surface, SW side of bridge over Pansy Bayou	OF-SA-28	1202	Sarasota Bay
Approx. 2' below surface, SE side of bridge over Pansy Bayou	OF-SA-28	1203	Sarasota Bay
John Ringling Blvd., N. side, between N. Polk Dr. and N. Washington Dr.	OF-SA-28	1206	Sarasota Bay
Behind 815 John Ringling Blvd. through seawall	OF-SA-28	1207	Sarasota Bay
Not possible to locate outfall	OF-SA-28	1208	Sarasota Bay
211 Washington Dr. S. and Tremont Ln., W. end of boat basin	OF-SA-28	1209	Sarasota Bay
412 Bowdoin Ct., rock riprap behind, N. Lido	OF-SA-28	1210	Sarasota Bay
110 and 200 Morningside Dr., vacant lot between	OF-SA-28	1211	Sarasota Bay

<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Drainage Basin</i>
Behind 231 Robin Dr., Bird Key, through seawall	OF-SA-28	1212	Sarasota Bay
Behind 210 Bird Key Dr., through seawall	OF-SA-28	1213	Sarasota Bay
Behind 320 W. Royal Flamingo Dr., through seawall	OF-SA-28	1214	Sarasota Bay
Behind 310 Bird Key Dr., through seawall	OF-SA-28	1215	Sarasota Bay
439 E. Royal Flamingo Dr., behind, through seawall under Sea Grape tree	OF-SA-28	1216	Sarasota Bay
453 E. Royal Flamingo Dr., behind, through seawall	OF-SA-28	1217	Sarasota Bay
421 Meadow Lark Dr., behind, through seawall	OF-SA-28	1218	Sarasota Bay
453 Meadow Lark Dr., behind, through seawall	OF-SA-28	1219	Sarasota Bay
468 Partridge Ct., behind, through seawall	OF-SA-28	1220	Sarasota Bay
450 Partridge Ct., behind, through seawall	OF-SA-28	1221	Sarasota Bay
614 N Owl Dr., behind, through seawall	OF-SA-28	1222	Sarasota Bay
512 Spoonbill Dr., behind, through seawall	OF-SA-28	1223	Sarasota Bay
532 Spoonbill Dr., behind, through seawall	OF-SA-28	1224	Sarasota Bay
376 Bob White Dr., behind, through seawall	OF-SA-28	1225	Sarasota Bay
354 Bob White Dr., behind, through seawall	OF-SA-28	1226	Sarasota Bay
554 S. Owl Dr., behind, through seawall	OF-SA-28	1227	Sarasota Bay
574 S. Owl Dr., behind, through seawall	OF-SA-28	1228	Sarasota Bay
614 S. Owl Dr., behind, through seawall	OF-SA-28	1229	Sarasota Bay
630 S. Owl Dr., through seawall	OF-SA-28	1230	Sarasota Bay
663 Morning Dove Dr., through seawall	OF-SA-28	1231	Sarasota Bay
635 N. Owl Dr., through seawall	OF-SA-28	1232	Sarasota Bay
623 Morning Dove Dr., behind, through seawall	OF-SA-28	1233	Sarasota Bay
Behind 100 N Warbler Dr., through seawall	OF-SA-28	1234	Sarasota Bay
Behind 100 S Warbler Ln., through seawall	OF-SA-28	1235	Sarasota Bay
360 Royal Flamingo Dr., behind, through seawall	OF-SA-28	1236	Sarasota Bay
Behind vacant lot next to 343 Polk Ave., through pepper trees	OF-SA-28	1238	Sarasota Bay
Ford Dr. & Polk Dr. 405 Polk Ave., behind, through seawall	OF-SA-28	1239	Sarasota Bay
S Blvd. of Presidents bridge, NE of	OF-SA-28	1240	Sarasota Bay
Lido Public Beach, street drain north of Coolidge Dr	OF-SA-28	1242	Gulf of Mexico
Hamilton St. and Norseta Way, small boat basin	OF-SA-29	1188	Sarasota Bay
625 Freeling Dr., under dock	OF-SA-29	1190	Roberts Bay
775 Freeling Dr., through seawall	OF-SA-29	1191	Roberts Bay
864 Siesta Dr., through seawall	OF-SA-29	1192	Roberts Bay
852 Freeling Dr., through seawall	OF-SA-29	1193	Roberts Bay

<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Drainage Basin</i>
3531 White St. , behind.	OF-SA-29	1194	Roberts Bay
Not possible to locate outfall	OF-SA-29	1237	Gulf of Mexico

Outfall Inventory for Sarasota County

<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Drainage Basin</i>
Not possible to locate outfall.	OF-SC-01	0672	Whitaker Bayou
2843 47th St., E. side of.	OF-SC-01	0682	Whitaker Bayou
4020 4th Ct. in Windmill Village.	OF-SC-01	0685	Whitaker Bayou
Not possible to locate outfall	OF-SC-01	0691	Whitaker Bayou
S. of Seaward Dr. and Sprucewood.	OF-SC-01	0693	Whitaker Bayou
2430 17th St.	OF-SC-01	0708	Whitaker Bayou
1793 Mango Ave., behind.	OF-SC-01	0718	Whitaker Bayou
Not possible to locate outfall.	OF-SC-01	0722	Whitaker Bayou
No access to outfall. Under US 301 and Princeton St.	OF-SC-01	0739	Whitaker Bayou
E. of US 301 and railroad tracks on S. side of University Pkwy.	OF-SC-01	0748	Whitaker Bayou
Middle Ave. and 51st St.	OF-SC-01	0751	Whitaker Bayou
Swale / ditch on Middle Ave.	OF-SC-01	2076	Whitaker Bayou
Swale / ditch on Middle Ave.	OF-SC-01	2077	Whitaker Bayou
1250 Northgate Blvd., behind Gulfstar Industries.	OF-SC-01	2089	Whitaker Bayou
Rolling Green Golf Course off Tuttle, Tee # 9, small pond discharge	OF-SC-01	2099	Whitaker Bayou
Not possible to locate outfall.	OF-SC-01	2100	Whitaker Bayou
Ditch on east side of San Jose Dr. in DeSoto Lakes subdivision	OF-SC-03	0001	Phillippi Creek
SE corner of Sarasota Crossings shopping center.	OF-SC-03	0004	Phillippi Creek
N. Cattlemen Rd., west side.	OF-SC-03	0014	Phillippi Creek
East end of Sawgrass Rd., off Honore Ave.	OF-SC-03	0017	Phillippi Creek
Behind 757 Apex Rd.	OF-SC-03	0031	Phillippi Creek
1301 Cattlemen Rd. retention pond.	OF-SC-03	0032	Phillippi Creek
South side of 2601 Cattlemen Rd. , FCCI building	OF-SC-03	0037	Phillippi Creek
3347 King Outfall with ID Number od Dr.	OF-SC-03	0041	Phillippi Creek
NW side of Cattlemen Rd. and Bee Ridge Rd.	OF-SC-03	0042	Phillippi Creek
Behind 6307 Kahana Dr.	OF-SC-03	0048	Phillippi Creek
5227 Richardson Rd	OF-SC-03	0049	Phillippi Creek
NW corner of Fruitville Rd. and Honore Ave.	OF-SC-03	0051	Phillippi Creek
Not possible to locate outfall	OF-SC-03	0052	Phillippi Creek
Brookmead Ln. and Lalam Ln.	OF-SC-03	0055	Phillippi Creek
West of Wilkinson Rd. and Swift Rd	OF-SC-03	0110	Phillippi Creek
Behind 6580 Mauna Loa	OF-SC-03	0121	Phillippi Creek

<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Drainage Basin</i>
Behind 6571 Friendship Dr.	OF-SC-03	0127	Phillippi Creek
North side of Bee Ridge Rd. and Sawyer Rd.	OF-SC-03	0152	Phillippi Creek
4131 Bee Ridge Rd.	OF-SC-03	0163	Phillippi Creek
4406 Bescon Dr.	OF-SC-03	0174	Phillippi Creek
4062 Shade Ave.	OF-SC-03	0236	Phillippi Creek
4195 Shade Ave.	OF-SC-03	0237	Phillippi Creek
S. side of Bee Ridge Rd. and Phillippi Creek.	OF-SC-03	0247	Phillippi Creek
Cattlemen Rd., old Cox Lumber building	OF-SC-03	0279	Phillippi Creek
Ditch NW of Cattlemen Rd. and Bee Ridge Rd.	OF-SC-03	0294	Phillippi Creek
SW of Bee Ridge Rd. and Cattlemen Rd.	OF-SC-03	0295	Phillippi Creek
Ditch W. of Cattlemen Rd. on N. side of Bee Ridge Rd.	OF-SC-03	0296	Phillippi Creek
Ditch NW of Cattlemen Rd. and Bee Ridge Rd.	OF-SC-03	0297	Phillippi Creek
Southwest corner of Cattlemen Rd. and Webber Rd.	OF-SC-03	0340	Phillippi Creek
Northeast corner of lake at Camelot Lakes East MHP auditorium.	OF-SC-03	0405	Phillippi Creek
Northwest of Beneva Rd. and Proctor Rd.	OF-SC-03	0468	Phillippi Creek
3243 Austin St., across from.	OF-SC-03	0475	Phillippi Creek
200 yds. SE from W. Cross Creek Rd. on dirt trail, along Redbug Slough	OF-SC-03	0480	Phillippi Creek
Ashton Rd., E. end of, off Lockwood Ridge Rd.	OF-SC-03	0491	Phillippi Creek
2501 Parma St., behind.	OF-SC-03	0522	Phillippi Creek
Arapaho St., E. end of, at Lords Ave.	OF-SC-03	0525	Phillippi Creek
4701 Riverwood St., ditch on S. side of.	OF-SC-03	0536	Phillippi Creek
North side of Faith Christian School	OF-SC-03	0585	Phillippi Creek
2320 Bee Ridge Rd., 118 6th St. in Pine Ridge MHP.	OF-SC-03	0592	Phillippi Creek
East side of entrance to Deer Hollow subdivision.	OF-SC-03	0597	Phillippi Creek
Richardson Rd. at entrance to Deer Hollow subdivision.	OF-SC-03	0602	Phillippi Creek
1629 Georgetown Blvd., behind.	OF-SC-03	0605	Phillippi Creek
1632 Georgetown Blvd., behind.	OF-SC-03	0608	Phillippi Creek
Gun Club Rd., W. along canal.	OF-SC-03	0611	Phillippi Creek
Gun Club Rd., W. along canal	OF-SC-03	0624	Phillippi Creek
Upstream of 17th St. and Circus Blvd	OF-SC-03	0629	Phillippi Creek
3652 Prudence Dr	OF-SC-03	0632	Phillippi Creek
Harley Ave. and Schwolbe Dr., Kensington	OF-SC-03	0652	Phillippi Creek
Ravenwood subdivision, before 5632 Ravenwood Dr	OF-SC-03	0657	Phillippi Creek
Ravenwood subdivision, before Trentwood Pl. and Ravenwood Dr	OF-SC-03	0660	Phillippi Creek

<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Drainage Basin</i>
Ravenwood subdivision, between 633B and 5530 Ravenwood Dr.	OF-SC-03	0662	Phillippi Creek
49th St., end of. DeSoto Lakes subdivision.	OF-SC-03	0666	Phillippi Creek
Pipe under Lockwood Ridge Rd. and Monica Pkwy.	OF-SC-03	0671	Phillippi Creek
Not possible to locate outfall.	OF-SC-03	0753	Phillippi Creek
2411 Teal Ave.	OF-SC-03	0766	Phillippi Creek
Teal Ave. and Beacon	OF-SC-03	0776	Phillippi Creek
4105 Tern St., behind house.	OF-SC-03	0782	Phillippi Creek
2953 Mark Dr., behind.	OF-SC-03	0786	Phillippi Creek
3433 E. Forest Lakes Dr.	OF-SC-03	0790	Phillippi Creek
Stafford Ln., N. end.	OF-SC-03	0793	Phillippi Creek
1861 Riviera Ct.	OF-SC-03	0796	Phillippi Creek
Behind 2220 N. Huntington Ave., off Wisteria.	OF-SC-03	0799	Phillippi Creek
Not possible to locate outfall	OF-SC-03	0808	Phillippi Creek
Bell Ave. and Bee Ridge Rd.	OF-SC-03	0813	Phillippi Creek
3146 Goldenrod St., behind.	OF-SC-03	0816	Phillippi Creek
2419 Espanola St., across from.	OF-SC-03	0825	Phillippi Creek
2000 Tanglewood Dr.	OF-SC-03	0842	Phillippi Creek
2308 Tanglewood St., behind.	OF-SC-03	0851	Phillippi Creek
NE end of 7th St. in Aloha MHP, east end of Hawthorn St.	OF-SC-03	0854	Phillippi Creek
North side of Hyde Park, west of Tuttle Ave.	OF-SC-03	0859	Phillippi Creek
816 Searcey Ave.	OF-SC-03	0868	Phillippi Creek
2207 and 2191 Grove St., between	OF-SC-03	0889	Phillippi Creek
1702 Gun Club Rd.	OF-SC-03	0894	Phillippi Creek
1958 Racimo Dr.	OF-SC-03	0897	Phillippi Creek
1702 Jewel Dr.	OF-SC-03	0898	Phillippi Creek
Racimo Dr. and Drake Dr.	OF-SC-03	1003	Phillippi Creek
Fox Creek Dr.	OF-SC-03	1008	Phillippi Creek
100 yards S. of Castle Dr.	OF-SC-03	1015	Phillippi Creek
Beside 1240 Fox Creek Dr.	OF-SC-03	1018	Phillippi Creek
Shadow Ridge Ct., lake discharge.	OF-SC-03	1030	Phillippi Creek
2130 Shadow Oaks Dr., off Porter Rd	OF-SC-03	1033	Phillippi Creek
Sarasota Golf Club Blvd., East of Shadow Wood Ln	OF-SC-03	1036	Phillippi Creek
2234 Shadow Wood Ln	OF-SC-03	1037	Phillippi Creek
Between Shadow Wood Ln and Shadowlakes Dr.	OF-SC-03	1040	Phillippi Creek

<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Drainage Basin</i>
Behind 2037 E. Leewynn Dr.	OF-SC-03	1047	Phillippi Creek
3177 Walter Travis Dr. in Laurel Oaks subdivision.	OF-SC-03	1050	Phillippi Creek
6138 Walter Travis Dr. in Laurel Oaks subdivision.	OF-SC-03	1053	Phillippi Creek
Sun 'N' Fun RV Park at River Rd. and Ave. A	OF-SC-03	1060	Phillippi Creek
West side of Scott Paint.	OF-SC-03	1063	Phillippi Creek
96 Sarasota Center Blvd., pond outfall.	OF-SC-03	1066	Phillippi Creek
Not possible to locate outfall.	OF-SC-03	1081	Phillippi Creek
Underhill Ranch, 6685 Clark Rd.	OF-SC-03	1084	Phillippi Creek
2190 and 2208 Sunnyside Pl., between.	OF-SC-03	1861	Phillippi Creek
Riverbluff Pkwy. and Riverbluff Ct.	OF-SC-03	1878	Phillippi Creek
100' S. from Ashton Rd. and Swift Rd.	OF-SC-03	1881	Phillippi Creek
2549 Ashton Rd.	OF-SC-03	1889	Phillippi Creek
Southeast corner of Sara Lakes MHP, along creek	OF-SC-03	2021	Phillippi Creek
S. side of 3590 Tuttle Ave.	OF-SC-03	2022	Phillippi Creek
2827 Homosassa St., behind	OF-SC-03	2027	Phillippi Creek
SW corner of Valencia Dr. and Tuttle Ave.	OF-SC-03	2031	Phillippi Creek
SW corner of Valencia Dr. and Tuttle Ave.	OF-SC-03	2040	Phillippi Creek
Not possible to locate outfall.	OF-SC-03	2088	Phillippi Creek
Laurel Oaks Golf Club.	OF-SC-03	2092	Phillippi Creek
Bee Ridge Rd., west of Bent Tree entrance	OF-SC-03	2093	Phillippi Creek
NW corner of Sarasota International Trade Center	OF-SC-03	2096	Phillippi Creek
4625 Glebe Farm Rd	OF-SC-03	2098	Phillippi Creek
5252 S. Tamiami Trail, Kanas Furniture.	OF-SC-03	2101	Phillippi Creek
2457 Yorkshire Dr., behind.	OF-SC-03	2102	Phillippi Creek
Shade Ave. and Haley Ln.	OF-SC-03	2103	Phillippi Creek
3139 Southgate Ct., behind.	OF-SC-03	2104	Phillippi Creek
Kings Bridge Rd. and Wellfleet Rd. in Camelot Lakes East MHP	OF-SC-03	2109	Phillippi Creek
4812 Mink Rd., across from DeSoto Lakes subdivision	OF-SC-03	PC-SC-01	Phillippi Creek
49th St., end of. N. across ditch.	OF-SC-03	PC-SC-02	Phillippi Creek
3963 Hidden Glen Dr., 200' S. of.	OF-SC-03	PC-SC-03	Phillippi Creek
W. of Malt Dr. and Colonial Dr	OF-SC-04	0509	Matheny Creek
Gulf Gate Dr. between Regatta Dr. and Bispham Rd.	OF-SC-04	0510	Matheny Creek
Next to 3000 Savage Rd	OF-SC-04	0519	Matheny Creek
Concord St. and Camphor Ave	OF-SC-04	0550	Matheny Creek

<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Drainage Basin</i>
So. Side of Clark Rd. & Swift	OF-SC-04	0553	Matheny Creek
NE side of Clark Rd. and Colonial Dr.	OF-SC-04	0556	Matheny Creek
W. of McIntosh Rd., 1/3 mile W. on railroad tracks.	OF-SC-04	0913	Matheny Creek
S. side of Publix Warehouse, Sawyer Rd.	OF-SC-04	0914	Matheny Creek
2627 Cardwell Way, behind.	OF-SC-04	1249	Matheny Creek
Behind Faith Lutheran Church, at Beneva Rd. and Eugene St.	OF-SC-05	1224	Holiday Bayou
7173 Antigua Pl., behind.	OF-SC-05	1227	Elligraw Bayou
7201 Curtiss Ave., across from Curtiss Ave.	OF-SC-05	1230	Elligraw Bayou
Next to 7541 Curtiss Ave.	OF-SC-05	1237	Elligraw Bayou
Beneva Rd., W. side, just S. of Curtis Ave.	OF-SC-05	1244	Elligraw Bayou
7700 S. Tamiami Trail, under Harbor Marine dock	OF-SC-05	1266	Holiday Bayou
Sarah Ave., N. end.	OF-SC-06	0369	Catfish Creek
Clark Rd. and Clark Center Rd.	OF-SC-06	0397	Catfish Creek
6092 Clark Center Ave., behind.	OF-SC-06	0909	Catfish Creek
Not possible to locate outfall.	OF-SC-06	0910	Catfish Creek
Not possible to locate outfall.	OF-SC-06	0911	Matheny Creek
McIntosh Rd., by Cox Lumber Co.	OF-SC-06	0912	Matheny Creek
Mandarin Rd., south end.	OF-SC-06	1205	Catfish Creek
Not possible to locate outfall. West of the Players Club clubhouse.	OF-SC-06	1208	Catfish Creek
Turtle Rock Blvd. & Benchmark Ct.	OF-SC-06	1211	Catfish Creek
No access to outfall. Turtle Rock, East from the South End	OF-SC-06	1214	Catfish Creek
Pinkney Ave. and Ashton Rd.	OF-SC-06	2112	Catfish Creek
N. side of Clark Rd. at Colonial Dr.	OF-SC-06	MC-SC-01	Matheny Creek
MacEwen Dr., The Oaks subdivision	OF-SC-07	1131	North Creek
Between Oriskany Court and Oaks Creek Ct.	OF-SC-07	1134	North Creek
100' S. of Palmer Ranch Pkwy. and Mira Lago Dr	OF-SC-07	2095	North Creek
50' E. of Palmer Ranch Pkwy. and Mira Lago Dr	OF-SC-07	NC-SC-01	North Creek
300' E. of Palmer Ranch Pkwy. and Mira Lago Dr	OF-SC-07	NC-SC-02	North Creek
No access to outfall. Outfall not located. Central County Utility re-use pond	OF-SC-08	1090	South Creek
Not possible to locate outfall	OF-SC-08	1104	South Creek
No access to outfall. Outfall not located. Welland to welland	OF-SC-08	1691	South Creek
6553 Teada Dr., behind; Seranoa subdivision	OF-SC-08	1694	South Creek
6608 Teada Dr., behind; Seranoa subdivision	OF-SC-08	1697	South Creek
Dove St, at very south end	OF-SC-08	1700	South Creek

<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Drainage Basin</i>
Tiepolo Dr. between Matisse Ct. and West Rosetti Dr.	OF-SC-08	1706	South Creek
20' W. of intersection of Sorrento Dr. and Tina Island Dr.	OF-SC-08	1721	South Creek
6572 Draw Ln., behind.	OF-SC-08	2094	South Creek
701 and 651 Palomino Circle, between.	OF-SC-09	1667	Fox Creek
SE corner of Laurel Rd. and Coachman Rd.	OF-SC-09	1668	Shackelf Creek
241 Sorrento Ranches Dr., W. side.	OF-SC-09	1681	Shackelf Creek
Maple St, before 1720 Hidden Oaks.	OF-SC-09	1688	Shackelf Creek
230 Snyder Dr., behind.	OF-SC-10	1416	Curry Creek
Curry Creek and Auburn Rd	OF-SC-10	1419	Curry Creek
Not possible to locate outfall	OF-SC-10	1428	Curry Creek
W. end of Blackburn Canal, off Auburn Rd	OF-SC-10	1440	Curry Creek
No access to outfall. Auburn Lakes, new development.	OF-SC-10	1443	Curry Creek
1327 Pinebrook Way, E. of.	OF-SC-10	1451	Curry Creek
Not possible to locate outfall.	OF-SC-10	1456	Curry Creek
Venice Ave. and Jacaranda Blvd.	OF-SC-10	2044	Blackburn Canal
Not possible to locate outfall.	OF-SC-10	2055	Blackburn Canal
Outfall to Curry Creek from Sawgrass Golf Course to the north.	OF-SC-10-		Curry Creek
S. end of Clermont Rd.	OF-SC-11	1448	Hatchett Creek
Not possible to locate outfall.	OF-SC-11	1455	Hatchett Creek
Not possible to locate outfall.	OF-SC-11	1462	Hatchett Creek
801 Ridgewood Ave.	OF-SC-11	1469	Hatchett Creek
near Woodbridge Dr., take private road west to NE side of pond.	OF-SC-12	0494	Alligator Creek
Near Woodbridge Dr., take private road, NW corner of pond at Plantation	OF-SC-12	0495	Alligator Creek
12th tee at Plantation Golf Club, across from WWTF entrance.	OF-SC-12	0496	Alligator Creek
612 Crossfield Dr., behind.	OF-SC-12	0499	Alligator Creek
20' W. of NW corner of Plantation WWTP storm water pond.	OF-SC-12	0507	Alligator Creek
S. of Venice Gardens WWTF entrance on Venice East Ave.	OF-SC-12	1539	Alligator Creek
Under S. Gondola Dr., E. of Claw Ct.	OF-SC-12	1553	Alligator Creek
20' NE of Jacaranda and Alligator Creek.	OF-SC-12	1560	Alligator Creek
Not possible to locate outfall.	OF-SC-12	1575	Alligator Creek
N. of Sea Grape, E. side of Pomelo Dr.	OF-SC-12	1578	Alligator Creek
Next to 304 Redwood Rd.	OF-SC-12	1591	Alligator Creek
NW corner of intersection of Eider Rd. and Fallow Rd.	OF-SC-12	1596	Alligator Creek
Valencia Rd. and Nightingale Rd.	OF-SC-12	1603	Alligator Creek

<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Drainage Basin</i>
4684 Martin Rd., behind.	OF-SC-12	1606	Alligator Creek
706 Everest Rd., behind.	OF-SC-12	1609	Alligator Creek
Not possible to locate outfall.	OF-SC-12	1638	Alligator Creek
300' S. of NW corner of pond	OF-SC-12	2091	Alligator Creek
796 Trojan Rd., near.	OF-SC-12	AC-SC-01	Alligator Creek
141 Baffin Rd., between Virginia Rd. and Datura Rd.	OF-SC-12	AC-SC-02	Alligator Creek
519 Baffin Rd., near.	OF-SC-12	AC-SC-03	Alligator Creek
4460 Yacht Club Dr. between Cumberland Rd. and Devon Rd.	OF-SC-12	AC-SC-04	Alligator Creek
Linden and N. of Sterling.	OF-SC-12	AC-SC-05	Alligator Creek
Linden and S. of Sterling	OF-SC-12	AC-SC-06	Alligator Creek
940 Lemon Bay Dr., E. of Shamrock Bay Dr. and Lemon Bay Dr.	OF-SC-12	AC-SC-07	Alligator Creek
NE corner of SR 776 and Manasota Beach Rd.	OF-SC-13	2110	Woodmere
100' S. of bridge over Forked Creek.	OF-SC-14	1645	Forked Creek
21 and 17 Dominica Dr., behind. Boca Royale Golf and Country Club.	OF-SC-14	2107	Forked Creek
1309 Forked Creek Dr., E. of.	OF-SC-14	FC-SC-01	Forked Creek
No access to outfall. Outfall not located because it was not identified.	OF-SC-16	1331	Ainger Creek
No access to outfall	OF-SC-16	1341	Ainger Creek
5701 Churchill Downs Rd.	OF-SC-17	1087	Cowpen Slough
Not possible to locate outfall.	OF-SC-18	1145	Myakka River
Not possible to locate outfall.	OF-SC-18	1155	Myakka River
Ditch N-S, crossing Old Ranch Rd. 1/4 mile E. of Westwood Dr.	OF-SC-18	1158	Myakka River
6957 Old Ranch Rd., behind, N. of Westwood Way.	OF-SC-18	1161	Myakka River
6386 Singletree Rd., behind	OF-SC-18	1168	Myakka River
5246 Myakka Valley Tr., downstream from @ 1/4 mile.	OF-SC-18	1175	Myakka River
100' W. of Tucumcari Tr. and Myakka Valley Tr., flowing S.	OF-SC-18	1178	Myakka River
5291 Myakka Valley Tr., flowing S	OF-SC-18	1181	Myakka River
Myakka Valley Tr. and Obar Rd.	OF-SC-18	1184	Myakka River
100' W. of Myakka Valley Tr. and Vanderipe Rd.	OF-SC-18	1189	Myakka River
5233 Vanderipe Rd., behind, swampy area	OF-SC-18	1192	Myakka River
5344 Howard Creek Rd., behind. N-S ditch meeting E-W ditches	OF-SC-18	1195	Myakka River
N-S ditch junction with E-W ditch between Howard Creek Rd. and Vanderipe	OF-SC-18	1200	Myakka River
Jo-mar Rd., E. of Myakka Rd	OF-SC-18	1273	Myakka River
Rawls Rd., W. of Myakka Rd	OF-SC-18	1278	Myakka River
No access to outfall. Not located. Between Rawls Rd. and Hancock Rd	OF-SC-18	1281	Myakka River

<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Drainage Basin</i>
1/3 mi. ENE of NE corner of pond A, Hi Hat Ranch.	OF-SC-18	1295	Myakka River
Left before Verna Rd.	OF-SC-18	1344	Myakka River
Ditch 1/4 mi. N. of Center Rd. on E. side of River Rd , flowing to Myakka	OF-SC-18	1372	Myakka River
169 Myakka Dr., behind, S. side.	OF-SC-18	1375	Myakka River
N. to canal from Kennedy Ln. and Lee Rd.	OF-SC-18	1407	Myakka River
S. from S. end of Lee Rd., at Blackburn Canal	OF-SC-18	1410	Myakka River
586 Havana Rd., across from, off Frederick Dr.	OF-SC-18	1413	Myakka River
NE corner of W. retention pond at Venice Transfer Station,	OF-SC-18	2090	Myakka River
No access to outfall. Outfall not located. S. of Deer Prairie and SR 72.	OF-SC-19	1365	Deer Prairie Slough
No access to outfall. Outfall not located. S. of Deer Prairie and SR 72.	OF-SC-20	1347	Big Slough
Not possible to locate outfall	OF-SC-20	1350	Big Slough
Not possible to locate outfall.	OF-SC-20	1355	Big Slough
SR 72, 8.0 miles E. of Myakka River.	OF-SC-20	1358	Big Slough
Next to 560 Fairmount Dr.	OF-SC-21	1378	Little Salt Creek
N. side of US 41, between Myakka River and 11045 US 41.	OF-SC-21	1381	Little Salt Creek
S. side of 11827 De Leon Dr.	OF-SC-21	1384	Little Salt Creek
100' W. of Sanibel St. and DeSoto Dr	OF-SC-21	1387	Little Salt Creek
NW corner of Toledo Rd. and De Leon Dr.	OF-SC-21	1390	Little Salt Creek
Not possible to locate outfall	OF-SC-21	1395	Little Salt Creek
403 Sevilla Dr., behind.	OF-SC-21	1397	Little Salt Creek
11958 Cortez Ln., in front of.	OF-SC-21	1400	Little Salt Creek
3930 and 3940 Red Rock Way, behind.	OF-SC-23	0563	Roberts Bay N.
1329 N. Lake Shore, behind.	OF-SC-23	0570	Roberts Bay N.
1655 Quail Dr.	OF-SC-23	0573	Roberts Bay N.
W. side of Field Club, pond inlet into marina.	OF-SC-23	0580	Roberts Bay N
200' W. of Webb St. and Palmetto Ave.	OF-SC-23	LSB-SC-01	Little Sarasota Bay
Next to 416 Bayshore Dr., Osprey	OF-SC-24	1101	Coastal Co. N
8710 Dunmore Dr., behind, through seawall.	OF-SC-24	1219	Coastal Co. N.
1750 Southpointe Dr. , behind, through seawall	OF-SC-24	1263	Coastal Co. N.
Poinciana Rd. and Pameto Rd.	OF-SC-24	1504	Lyons Bay
N. side of Shore Rd., @ 50 feet E. of 727 Shore Rd	OF-SC-24	1737	Blackburn Bay
110 and 108 Lyons Bay Rd., behind.	OF-SC-24	1742	Lyons Bay
111 Sunset Ave . by intersection of Sunset Ave and Astley Ln	OF-SC-24	1745	Blackburn Bay
50' SW of Murillo Dr and Bayshore Rd	OF-SC-24	1748	Blackburn Bay

<i>Location</i>	<i>Basin Number</i>	<i>Station Number</i>	<i>Drainage Basin</i>
111 Palm Ave. north of US 41 & US 681. Lake in the Woods subdivision.	OF-SC-24	2086	Blackburn Bay
Spanish Lakes MHP, north side of entrance, 75 feet left of Spanish Lakes	OT-SC-24	2087	Blackburn Bay
Off Peacock Rd., in wooded area.	OT-SC-24	2108	Little Sarasota Bay
West end of Livingstone St. at Tropical Shores Marina.	OF-SC-24	2111	Little Sarasota Bay
Laurel Rd., W. of Rt. 41, where Rd. becomes Bayshore Rd., go right	OF-SC-24-D1	BB-SC-01	Blackburn Bay
502 Lyons Bay Rd.	OT-SC-24-D1	LB-SC-01	Lyons Bay
Roberts Rd. W. of Rt. 41, where Rd. becomes Oak St.	OF-SC-24-D2	BB-SC-02	Blackburn Bay
Spanish Lakes Dr., E. of Rt. 41, 20 ft. N. of Rd., before entrance.	OF-SC-24-D3	BB-SC-03	Blackburn Bay
1199 Tamiami Trail S., ditch NE corner of., Nokomis.	OF-SC-25	1472	Roberts Bay S.
Not possible to locate outfall.	OF-SC-25	1501	WCIND Canal
Colonia Ln. and Sunrise Dr.	OF-SC-25	1507	Roberts Bay S.
Not possible to locate outfall.	OF-SC-25	1510	Roberts Bay S.
Not possible to locate outfall.	OF-SC-25	1517	Roberts Bay S.
Not possible to locate outfall.	OF-SC-25	1536	Gulf of Mexico
Ditch, N. side of Telford Dr. and Columbine.	OF-SC-25	1612	WCIND Canal
1851 Scenic Dr., across from.	OF-SC-25	1621	WCIND Canal
NE side of Manasota Beach Rd. and Alamander Ave.	OF-SC-26	1664	Lemon Bay
Buchans Landing, S. of Dearborn St.	OF-SC-26	2074	Lemon Bay
5203 Cape Leyte, behind.	OF-SC-29	1075	Grand Canal
181 Las Rosas, in front of	OF-SC-29	1078	Grand Canal
Not possible to locate outfall	OF-SC-29	1536	Gulf of Mexico
Swale in front of 5535 Midnight Pass Rd	OF-SC-29	2108	Gulf of Mexico

M. EM. MGT.
PLAN

SARASOTA COUNTY EMERGENCY MANAGEMENT



COMPREHENSIVE EMERGENCY MANAGEMENT PLAN



COMPREHENSIVE EMERGENCY MANAGEMENT PLAN TABLE OF CONTENTS BASIC PLAN

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#6.	Operations Chief
#7.	Planning Chief
#8.	Logistics Chief
#9.	Administration/Finance Chief
#10.	Branch Supervisor
#11.	Group Supervision
#12.	Staging Officer

ACRONYMS

ACLF	Adult Congregate Living Facility
AHCA	Agency Health Care Administration
ARC	American Red Cross
ARES	Amateur Radio Emergency Services
BOAF	Building Officials Association of Florida
CAP	Civil Air Patrol
CCC	Consolidated Communications Center
CDR	Christian Disaster Response
CEMP	Comprehensive Emergency Management Plan
CEO	Chief Executive Officer
CEOC	County Emergency Operations Center
CHD	County Health Department
CISD	Critical Incident Stress Debriefing
COG	Continuity of Government
DABT	Division of Alcoholic Beverages & Tobacco
DAC	Disaster Application Center
DAT	Disaster Assessment Team
DBPR	Department of Business and Professional Regulations
DCA	Department of Community Affairs
DCF	Department of Children and Families
DEP	Department of Environmental Protection
DFO	Disaster Field Office
DHSMV	Department of Highway Safety & Motor Vehicles
DMA	Department of Military Affairs
DMAT	Disaster Medical Assistance Team
DMORT	Disaster Mortuary Response Team
DMS	Department of Management Services
DOD	Department of Defense
DOC	Department of Corrections
DOEA	Department of Elder Affairs
DOH	Department of Health
DOI	Department of Insurance
DOJ	Department of Justice
DOT	Department of Transportation
DRM	Disaster Recovery Manager
DRO	Disaster Relief Operation
DRU	Disaster Response Unit
DSCO	Deputy State Coordinating Officer
DSR	Damage Survey Report
DSRT	Disaster Search and Rescue Team
DUA	Disaster Unemployment Assistance
ECO	Emergency Coordinating Officer
EM	Sarasota County Department of Emergency Management
EMS	Emergency Medical Services

EMT	Emergency Medical Technician
EPA	Environmental Protection Agency
EPZ	Emergency Planning Zone
ERT	Emergency Response Team
ESF	Emergency Support Function
FAC	Florida Administrative Code
FAB	Florida Association of Broadcasters
FCG	Florida Coordinating Group
FCO	Federal Coordinating Officer
FPL	Florida Power and Light
FDACS	Florida Department of Agriculture and Consumer Services
FDEM	Florida Division of Emergency Management Agency
FDLE	Florida Department of Law Enforcement
FEMA	Federal Emergency Management Agency
FFCA	Florida Fire Chiefs Association
FG&FWFC	Florida Game & Fresh Water Fish Commission
FmHA	Farmer's Home Administration
FHP	Florida Highway Patrol
FMP	Florida Marine Patrol
FMHO	Federal Hazard Mitigation Officer
FNARS	Federal National Radio System
FNATS	Federal National Teletype System
FNAVS	Federal National Voice System
FNG	Florida National Guard
GAR	Governor's Authorized Representative
GTE	General Telephone and Electronic Co.
IAO	Individual Assistance Officer
IFG	Individual and Family Grant
IPU	Information Processing Unit
JIC	Joint Information Center
LSA	Logistical Staging Area
LGR	Local Government Radio
LHMO	Local Hazard Mitigation Offices
MECC	Mobile Emergency Communications Center
MIS	Management Information Services Department
MSU	Medical Support Unit
NCP	National Contingency Plan
NOI	Notice of Interest
NTC	National Teleregistration Center
NRC	Nuclear Regulatory Commission
NASA	National Aeronautics and Space Administration
NAWAS	National Warning System
NDMS	National Disaster Medical System
NOAA	National Oceanic Atmospheric Administration
OSC	On Scene Coordination
PAO	Public Assistance Officer

PDA Preliminary Damage Assessment
PIO Public Information Officer
PSC Public Service Commission
RACES Radio Amateur Civil Emergency Services
RIAT Rapid Impact Assessment Team
RRT Rapid Response Team
SAR Search and Rescue
SBA Small Business Administration
SCO State Coordinating Officer
SEOC State Emergency Operations Center
SERT State Emergency Response Team
SFRT Shelter Feasibility Review Team
SHO State Health Office
SHOESOC State Health Office Emergency Support Operations Center
SHMART State Hazard Mitigation and Recovery Team
SHMO State Hazard Mitigation Officer
SNTF Special Needs Task Force
SOP Standard Operating Procedure
SSO Sarasota Sheriff's Office
STARC State Area Command
SWP State Warning Point
TAG Technical Advisory Group
US&R Urban Search and Rescue
USCG United States Coast Guard
VOAD Volunteer Organizations Active in Disaster
WIC Weather Information Center
WMD Water Management District
WSI Weather Services and International

TAB 1

TAB - 1 SUMMARY OF PLAN

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LESSONS LEARNED	1-2

SUMMARY BASIC PLAN - Tab 1

- DESCRIPTION

The Comprehensive Emergency Management Plan (CEMP) is an operations oriented document authorized by Chapter 252, Florida Statutes. The CEMP establishes the framework for an effective system to ensure that Sarasota County will be adequately prepared to deal with the occurrence of emergencies and disasters. The plan outlines the roles and responsibilities of the state agencies, special districts, local governments and voluntary organizations. The CEMP unifies the efforts of these groups for a comprehensive approach to the County's vulnerability to a host of identified hazards.

The CEMP also referred to as "The Basic Plan" in this document is structured to address the four phases of emergency management (preparedness, response, mitigation and recovery). It parallels state activities set forth in the State of Florida "Comprehensive Emergency Management Plan," and describes how state and other outside resources will be coordinated to supplement county resources and response to a disaster.

The CEMP is divided into three sections:

- The Basic Plan section of the CEMP outlines in general terms how Sarasota County will recover from a disaster. The Basic Plan contains sections that address such areas as: the responsibilities of the various levels of government, method of operations, financial management policies that will be adhered to in an emergency situation, and continuity of government. The Basic Plan also contains a section that addresses recovery issues to ensure a rapid and orderly implementation of rehabilitation and restoration programs for persons and property affected by a disaster.
- The Response Functional Annexes present the County's functional strategies for disaster response. It outlines the Emergency Support Function (ESF) organization utilizing the Incident Command structure after the state and federal systems outlined in the Federal Response Plan. Each ESF, at a minimum, contains a method of operation and the responsibilities of the primary and support agencies that will respond to support Sarasota County government.
- The Hazard Specific Appendices were developed to address specific response and/or recovery actions that are unique to the hazard present or are mandated by higher authority. These actions are in addition to, or in place of those actions outlined in the Basic Plan and Response Functions sections.
- This plan replaces the '1991' Sarasota County Peacetime Emergency Plan. It does not replace The Sarasota County Nuclear Civil Protection or the Hazardous Materials Plan, which are operations-oriented documents.

LESSONS LEARNED

Hurricane Andrew clearly demonstrated the weaknesses and gaps in existing state and local emergency management plans for natural disasters. The Governor's Disaster Planning and Response Review Committee recommended significant improvements in emergency plans be implemented.

In September of 1992, Governor Chiles appointed the Disaster Planning and Response Review Committee, also known as the Lewis Commission to evaluate the response to Hurricane Andrew and to develop recommendations for improving Florida's emergency preparedness, response, recovery and mitigation capabilities. The Committee identified four key solutions to the problems encountered as a result of Hurricane Andrew;

Improve communications at and among, all levels of government;

Strengthen plans for evacuation, shelter, and post-disaster response and recovery;

Enhance intergovernmental coordination;

Improve training.

As a result of these recommendations, evacuation plans were revised, to include shelter, and post-disaster response and recovery elements. Regional and interregional provisions were prepared and adopted as part of the State Comprehensive Emergency Management Plan (CEMP). Local evacuation, shelter, and post-disaster response and recovery plans were also amended to be consistent with the revised State CEMP.

Facilities that house people with special needs are required to maintain evacuation plans as a condition of licensure, have minimum criteria for development, state and local review and approval of these plans be adopted. Although it was recognized that the question of Florida's existing shelter deficit could not be corrected overnight that an aggressive shelter programs would be designed and implemented to eliminated the shelter deficit within five years.

Provisions for emergency medical evacuation, availability of health care professionals in shelters and other aspects of emergency medical response should be incorporated into revised state and local emergency plans.

Provisions for coordinating volunteers, the receipt/distribution of donated supplies and goods be incorporated into revised state and local emergency management plans.

The State Division of Emergency Management reconfigured the State EOC to more closely align with the Emergency Support Function concept reflected in the Federal Response Plan. Agencies are grouped together in the State EOC by common functions, thereby improving coordination with federal agencies as well as the overall response to the needs of local governments and disaster victims. Locally, Emergency Management has interfaced the Emergency Support Functions with Incident Command for operational efficiency.

Hurricane Andrew also showed the need for improved and reliable communications equipment. Since Andrew, improved communications systems planning and coordination has taken place. This communications plan also provides for predeployment and staging of emergency communications equipment and personnel for rapid access to communications equipment, and the expansion of the statewide 800MHz radio communications systems. Also included into these revised plans is the greater use of the Radio Amateur Civil Emergency Services (RACES).

The importance of training and of Training Exercises was recognized as a means to evaluate State and local emergency plans, as well as the ability of state and local governments to implement their plans. Annual Exercises on a statewide scale have been conducted by state and local Emergency Management agencies. There still exists a critical need for a statewide comprehensive public education program, designed to help people better understand the risks associated with a wide range of hazards. In an effort to address a portion of this problem the 'All Hazards Guide' was developed in conjunction with Sarasota County Emergency Management, the Tampa Bay Regional Council, the National Weather Service, the State of Florida Division of Emergency Management, and the Local Chapter of the American Red Cross. It is in print and available to all residents of Sarasota County.

Ascertaining additional resources has established the Statewide Mutual Aid Agreement. This agreement allows governments, of counties and states to make additional resources available to areas impacted by the emergency.

To date, the worst storm event to have impacted Sarasota County was the September 1926 hurricane. During that storm, Gulf waters washed over the barrier islands causing substantial erosion along the shoreline. The hurricane also blew a sand bar into the middle of Little Sarasota Pass. A later hurricane completely closed the pass. In 1921, a less severe, although significant hurricane, opened the former Midnight Pass.

TAB 2

TAB - 2. INTRODUCTION

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INTRODUCTION - Tab 2

- **DESCRIPTION**

Chapter 252, Florida Statutes (State Emergency Management Act), mandates the development of the Florida Comprehensive Emergency Management Plan (CEMP). The CEMP establishes a framework through which the State of Florida may prepare for; respond to; recover from; and mitigate the impacts of a wide variety of disasters that could adversely affect the health, safety and/or general welfare of the residents of the State. The State CEMP provides guidance to state and local officials on procedures, organization and responsibilities which will prevent, minimize and/or relieve personal hardship and property damage associated with disasters or the imminent threat thereof. This plan also provides for an integrated and coordinated local, state and federal response.

The Sarasota County Comprehensive Emergency Management Plan (CEMP) is operations-oriented. It addresses coordinated local evacuation; shelter; post-disaster response and recovery; rapid deployment and pre-deployment of resources; communications and warning systems; and annual exercises to determine the ability of Sarasota County Government to respond to emergencies; and clearly defines responsibilities of local county and volunteer agencies and organizations through an Emergency Support Function (ESF) approach to planning and operations.

- **PURPOSE**

The purpose of emergency management is to:

Reduce the vulnerability of people and communities of this county to loss of life, injury, or damage and loss of property resulting from natural, technological or man-made emergencies such as acts of terrorism or major special events, catastrophes, or hostile military or paramilitary action;

Prepare for prompt and efficient response and recovery activities to protect lives and property affected by emergencies;

Responds to emergencies using all systems, plans and resources necessary to preserve the health, safety and welfare of persons affected by the emergency;

Recover from emergencies by providing for the rapid and orderly implementation of restoration and rehabilitation programs for persons and property affected by emergencies;

Assist in anticipation, recognition, appraisal, prevention, and mitigation of emergencies that may be caused or aggravated by inadequate planning for, and regulation of, public and private facilities and land use;

Establishes the concepts under which the Sarasota County Government will operate in response to disasters by;

- a. Defining the responsibilities of elected and appointed local government officials and Department Heads.
- b. Defining the emergency roles and functions of City and County Departments and Agencies.

- **SCOPE**

The CFMP establishes fundamental policies, program strategies and assumptions.

The CEMP establishes a concept of local operations spanning the direction and control of an emergency from initial monitoring through post-disaster response, mitigation and recovery.

The CEMP defines interagency and intergovernmental coordination mechanisms to facilitate delivery of immediate assistance; including direction and control of local, intrastate, interstate and federal response and recovery assistance.

The CEMP assigns specific, functional responsibilities to appropriate State agencies and organizations, as well as outlines methods to coordinate with the private sector and voluntary organizations.

The CFMP addresses the various types of emergencies which are likely to occur, from local emergencies, to minor, major or catastrophic disasters.

The CEMP identifies actions that Sarasota County response and recovery organizations will take, in coordination with state and federal counterparts as appropriate, regardless of the magnitude of the disaster.

- **CEMP DEVELOPMENT METHODOLOGY**

CEMP development is a continues process that involves all levels and departments in government and many private and volunteer sectors of Sarasota County.

CEMP Development and Maintenance - Emergency Management will maintain this Basic Plan and elements, and update it as needed. An examination and review will be conducted annually; such reviews will be administered by EM in cooperation with local government departments and agencies, and volunteer and private sector organizations. All organizations that have emergency-oriented missions or support roles are required to prepare supporting documentation (i.e. standard operating procedures).

Strategic Plan - Emergency Management maintains a five-year strategic plan that identifies items the county will focus; mitigation, training, sheltering, recovery, and outlines activities to guide preparedness. Florida's five-year strategic plan is based on a self assessment of its capabilities with the strategic plan, outlining strategies with measurable milestones to correct identified deficiencies. Each year this plan is updated to include new trends or federal initiatives. The unique aspect of the County plan is that it coincides with Florida's plan in that it also serves as the basis for the Performance Partnership Agreement (PPA) and the Comprehensive Agreement (CA) with the FEMA. The CA, negotiated with FEMA, encourages Florida to prioritize its federal funding to achieve the goals of the Five-Year Strategic Plan.

The CEMP is comprised of several elements as described in the following. All elements share a common format to facilitate inter-agency use and to provide compatibility with the State Plan. The purpose of this plan is to document Sarasota County's policies, procedures and guidelines to prepare for, respond to, recover from and mitigate future impacts of the hazards/disasters that could affect our area.

Following each emergency, the Emergency Management Director will conduct after action critiques to identify problems or areas requiring corrective actions. Steps will be taken to address any problem identified and to ensure current policy and procedures are implemented effectively.

The **Basic Plan** is the fundamental element of the **CEMP**. It describes through the use of "**TABS**", how both the unincorporated and incorporated areas of Sarasota County respond available resources to meet threatening hazards, depicts roles, responsibilities and interdependencies and describes operating concepts and organizational principles. This is the element on which all other elements of the CEMP are based. Material in the Basic Plan is less subject to change than is material in the other Plan elements. This Basic Plan, must be thoroughly understood by all supervisory and managerial personnel. Material in the Basic Plan is expanded upon in supporting elements of the Plan.

Annexes (Emergency Support Functions and the General Guide for ICS personnel) provide working detailed material on subjects covered in more general terms in the Basic Plan. The Annexes are particularly explicit in detailing coordination and functional interrelationships between the various departments and agencies that have

roles in that Annex.

References include Reference 'A', Governmental memoranda and letters of agreement and forms; Reference 'B', Departmental SOP's; and Reference 'C', Mitigation, and post-disaster recovery procedures and materials.

This Plan is organized in "Tabs" that generally conform to the Compliance Criteria established by the State of Florida, for CEMPS. By organizing in this manner, it is hoped that this plan will be user friendly and functional for planning purposes and during emergency operations. This is a rewrite of the Sarasota County Peacetime Emergency Plan. It is impossible to list all the agencies who have contributed to significantly to this plan. However, the following major contributors are recognized for their long term commitment to Emergency Management planning efforts:

- The National Hurricane Center
- The Southwest Florida Regional Planning Council
- The Tampa Bay Regional Planning Council
- The Sarasota County Planning Department
- The Sarasota County Sheriff's Office
- The Sarasota County Fire Department
- The American Red Cross
- The Salvation Army
- The Sarasota County School Board
- Sarasota County Government
- The Current and Past Staff of Sarasota County Emergency Management
- The Sarasota County Fire Department Special Operations Team

This Plan will be distributed to all agencies on the Basic Plan Distribution List. It will be reviewed and updated locally, once per year by every department and agency on the above mentioned list. Any changes will be dated distributed, and recipients charged with assuring they are posted to all their copies of this plan.

This Plan is available in WordPerfect on 3.5" inch disks.

• **BASIC PLAN DISTRIBUTION LIST**

•	Municipal Emergency Management Coordinators	40
	City of Sarasota- (10)	
	City of Venice- (10)	
	Northport- (10)	
	Longboat- (10)	
•	County Administrator's Office	20
•	County Departments under BCC	30
•	Other County Departments	10
•	County Sheriffs Office	10
•	County Fire Department	10
•	American Red Cross	4
•	Salvation Army	4
•	Transportation Department	4
•	MIS	4
•	Utilities Department	10
•	General Services	10
•	Personnel Department	4
•	Health Department	4
•	Medical Directors Office	2
•	Florida Power and Light	2
•	Florida National Guard	2
•	Sarasota County Public Information Officer	2
•	Social Services	4
•	VOAD	2
•	GTE	4
•	RACES	2
•	State Division of Emergency Management/Area 6 Coordinator	3
•	S. W. Regional Planning Council	2

To: Sarasota County Emergency Management Director

This letter is to acknowledge receipt of _____ copies of the Sarasota County Basic Emergency Management Plan, and in support of the planning principles utilized and contained within. Also, that this Plan is accepted and the responsibilities as stated therein are accepted.

Name/Title

City/Agency/Department

Date

TAB 3

TAB - 3 SITUATION

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Situation - Tab 3

- **DESCRIPTION**

This section of the Basic Plan provides a summary of the major hazards to which Sarasota County is vulnerable, the County's demographic vulnerability, and several assumptions that were considered in the planning process.

Many residents and visitors in Sarasota County are unaware or complacent about the potential for severe natural disasters in the County. All parts of the County are subject to natural disasters at any time, with little or no advanced warning. Because of its low coastal areas and areas of high water table, Sarasota County is particularly vulnerable to wash-outs, created by tidal actions and flooding due to heavy rains. Sarasota's position of latitude and longitude places it within the so-called "Hurricane Belt."

HAZARD ANALYSIS

The people, infrastructure and environment of Sarasota County are vulnerable to a host of hazards, including:

Hurricanes and Tropical Storms

Hurricanes are large cyclonic storms with counter-clockwise winds of 74 mph or greater. The coastal areas that receive the full force of hurricane winds and storm surge sustain the most damage. Since hurricanes dissipate quite rapidly to less than hurricane strength after they make landfall, inland areas receive less severe damage, usually from flooding associated with the exceptionally heavy rains commonly associated with the remaining storm system.

An average of two hurricanes make landfall in the continental U.S. annually, causing massive destruction and huge losses for anyone in its path. Since 1971, Florida has experienced the largest number of hurricanes(57), affecting the state.

The consequences of hurricane winds and storm surge, which are also seen in tornadoes, include loss of life, flooding, coastal erosion, structural failures, power failures, and utilities disruption and felled trees, as well as economic disruption. The National Weather service estimates yearly deaths related to hurricanes at 27 over the last twenty years. Some of the more devastating storms include, Hurricane Andrew (estimated losses \$20 billion), the hurricane of 1900 that killed 6,000 in Galveston, Texas; and in 1989, Hurricane Hugo (\$4.2 billion in damage in North Carolina alone).

Due to its geographic location in the subtropics, adjacent to the Gulf of Mexico, the entire County is vulnerable to damage caused by hurricane-force winds and related flooding. Vulnerability to hurricane-related flooding is dependent upon the severity of storm surge, a general rise in sea level caused by the low pressure and strong winds around a hurricane's eye, and the amount of rain carried by the hurricane. Storm surge is related to the hurricane's velocity, and can rise twenty feet or more above normal sea level and cause massive flooding and destruction along shorelines in its path. Flooding due to heavy rainfall may extend over widespread areas of the County.

The vulnerability zones are identified by predicted Sea, Lake and Overland Surge from Hurricanes (SLOSH), in Sarasota County that accompany the five hurricane categories according to the Saffir/Simpson hurricane scale. The scale is based upon storm intensity and the larger the category number, the greater the geographic area affected; yet smaller storms occur more frequently than larger storms. Therefore, the areas of the County most likely affected by every hurricane surge are situated in the storm category 1 zone. Category 5 zones are the least vulnerable, though the potential for evacuation does exist. According to the SLOSH model, a landfall storm category 1 hurricane is projected to create a 4-7 foot storm surge. A storm category 3 hurricane on the same perpendicular track would generate a 9-14 foot storm surge. Neither projection incorporates storm wave height. This wave action would be in addition to any storm surge which happens to be generated.

Tropical storm and hurricane damage present the most serious natural threat to residents living in Sarasota County. Due to warm summer Gulf temperatures, the

greatest probability for hurricanes is from the beginning of June to the end of October. Although the entire state of Florida is vulnerable to hurricanes and tropical storms, some areas are more susceptible than others. Since 1900, at least 37 hurricanes and tropical storms have passed within fifty miles of Sarasota County's shoreline. Each year, the County faces a one in twenty-five chance of being impacted by a hurricane. In the past, the threat of damage to coastal structures and potential for loss of human life, was not the problem that it is now. Until recently, the County's barrier islands were relatively undeveloped. Today, over 20,000 persons live on the County's barrier islands. The islands' residents, private structures, and public infrastructure are all vulnerable to hurricane impact. As Sarasota County has not experienced a severe hurricane for several decades, the full impact of a destructive storm, for example, a landfall category three hurricane, remains unknown. Information on impacts of less severe storms are known, however, and are briefly summarized below.

During past storm events, private and public structures, shoreline protection structures, public roads, and facilities in Sarasota County have been damaged, in some cases repeatedly. Most recently, in 1985, shoreline protection structures and sections of certain roads were seriously damaged during two consecutive storms: Hurricane Elena and Tropical Storm Juan. Together, these two storms caused major damage to 1,655 feet of bulkheads, and 3,800 feet of paved roads. One single family dwelling was destroyed.

In 1960, Hurricane Donna, a category three storm, caused hundreds of thousands of dollars worth of private and public property damage. The June 1982, "No-Name" sub-tropical storm, caused hundreds of thousands of dollars worth of private and public property damage. These cases are mentioned to illustrate the financial impact of a minor storm. Damage caused by a major hurricane could exceed hundreds of millions of dollars.

Although the 1992 Hurricane Andrew hurricane did not have a direct affect on Sarasota County directly, it was a major hurricane causing twenty billion dollars in damages.

Flooding

Ponding occurs in low-lying areas that are characterized by either poorly drained or super saturated soils (high water table). This type of flooding is a problem in Sarasota County, particularly in the eastern and southern portions of the County where relief is low and wetlands predominate. Flooding has occurred frequently in Sarasota County over the past 100 years. General flooding in the County has typically accompanied storms which have passed over or near Sarasota, as happened in the "No Name" storm of 1982. The worst flood in Sarasota County's history occurred in 1962, following over 16 inches of rain in a 48-hour period. The storm which occurred in 1982 resulted in severe flooding along the bays and coastline of Sarasota County. Due to heavy rainfall and wind in the region, floodwaters inundated residential areas on the coastal islands, and covered roadways.

Because of their proximity to bodies of water, or low-lying areas, communities vulnerable to flooding include the cities of Englewood, North Port, Venice, Sarasota, and the Town of Longboat Key. As previously mentioned, several highways which interconnect these cities are also prone to submersion.

Major flooding occurring in the County would have a significant impact on both population, property, and economy; Besides the threat to human life and property, flooding can threaten woodlands and agricultural crops. In addition, floodwaters could cause wastewater treatment facilities to shut down, contaminate local water supplies, and disrupt utilities.

The worst case scenario (a 100-year flood event), would result in a flooding of the County's lowlands and rivers. This would occur following an extended period of rainfall in Central Florida. As a result, several communities and roadways within the County would be inundated. Major property losses could be expected in the communities previously mentioned. Floodwaters would also submerge portions of US41 and east/west highways. The loss of these transportation networks would hinder evacuation and relief efforts, making it difficult to provide emergency response services. Flooding has occurred on several different occasions over the last 100 years.

Tornadoes

One of the most frequent and unpredictable natural hazards that all communities face are tornadoes. With an average of 16 occurrences each season per state, and an annual average of over 780 incidents, almost all communities are vulnerable to the effects of a tornado.

Tornadoes are cyclonic wind storms that usually accompany thunderstorms and hurricanes. While relatively short-lived in duration, tornadoes are intensely focused, making them one of the most destructive natural hazards. With winds of 150 miles per hour or more in their paths, which can range from 200 yards to one mile wide. Although tornadoes normally travel for up to 10 miles, tornado tracks have been reported to extend for 200 miles.

More tornadoes occur in the United States than any-where else in the world. The weather conditions that tend to generate this phenomenon are unseasonably warm and humid earth surface air, cold air at middle atmospheric levels and strong upper-level jet streams winds. The instability of weather patterns during the "transitional" Spring and Fall seasons make these times of year particularly dangerous for tornado activity.

Although found in most states, Florida is considered one of the "at risk" states. The National Weather Service reports an annual average of 69 deaths and more than \$600 million in damage caused by tornadoes. In 1991, the damage figure reached \$798 million. The worst event in this century occurred on March 18, 1925, when eight tornadoes in six states caused 689 deaths. There have been as many as 1102 tornadoes reported in one year.

Sarasota County also experiences numerous waterspouts over the Gulf of Mexico and Sarasota bays that often come ashore. Even though they are short-lived, they have the potential to damage coastal businesses and injure beach goers. The strongest, most deadly tornadoes occur in the cool season, from December through April.

Because of the unpredictable pattern of tornados, and because the entire state, including Sarasota County, has a relatively high recurrence frequency, all of the County is vulnerable to tornado-induced damages. This is particularly true in the more

populated areas along the 3-mile-strip next to the coast. The damage potential for a tornado increases as a function of population density. As the number of structures and people increase, the potential damage/injury rate increases. Because of their construction, mobile homes in the County are especially vulnerable to the high winds of tornados.

Sarasota County experiences F1-3 type (Fujita Intensity Scale), tornados. The potential maximum threat to Sarasota County would be the occurrence of a F4-5 tornado, with generated windspeeds of between 207 - 260 mph.

Lightning

Florida leads the nation in lightning related deaths and injuries. Since 1959, an average of ten people have been killed and 34 injured each year as a result of lightning. The peak month for lightning strikes is July, but June and August have a significant number, and no month is immune from lightning danger.

Indirect Nuclear/Radiological Effects

The possibility of a direct nuclear attack upon Sarasota County is remote; however, the indirect effect of a nuclear attack, radioactive fallout, requires protection from the deadly radiation associated with this hazard. The more likely threat is from radiological elements that are stored in hospitals, oncology treatment centers and those who transport these materials. The Sarasota County Fire Department's Special Operations Unit would respond to such incidents.

The indirect effect of radioactive fallout upon Sarasota County affects the entire population of the County. Depending upon wind direction, fallout could and may be distributed from nearby risk areas as well as other risk areas, over every square mile of the County. The entire population of this County would require shelter from the indirect effects of a nuclear attack. The damage caused to structures/property would be minimal, therefore rating it low.

Based upon documentation transmitted to Sarasota County Department of Emergency Management, December 4, 1978, by the State of Florida Department of Community Affairs, the Venice area of Sarasota County is designated as a Nuclear Risk area. Subsequent follow-ups by Sarasota County Department of Emergency Management have identified the Coast Guard Loran station as a possible Venice target. The threat to the population and property from the indirect effects of a nuclear attack would be considered the same for Sarasota's vulnerability.

Hazardous Materials

Sarasota County is exposed to a number of these hazardous materials and sites that, if an accident were to occur, could have an adverse effect upon people, property, and the economy. The 1986 passage of the SARA Title III legislation and mirroring state legislation, and the promulgation of the Sarasota County Hazardous Materials Plan, have been extremely instrumental in increasing County-wide preparation for response to a hazardous materials accident. The legislation requires facilities to report storage of threshold quantities of hazardous materials.

Consistent records of hazardous materials accidents were not kept prior to 1979 on a statewide basis. Records maintained at the Emergency Management office reveal

there were no reported major incidents prior to 1979. With the passage of the SARA Title III legislation, detailed reporting requirements for releases of hazardous materials became a requirement.

The Sarasota County Fire Department Special Operations Team presently responds to 13 to 15 hazardous materials incidents on an average per month. There is a high probability of a hazardous materials accident in Sarasota County. A transportation accident involving hazardous materials along Interstate 75 poses a great threat. Probability is addressed in the detailed hazards analyses in the Sarasota County Hazardous Materials Plan.

Vulnerability is usually a function of density and distance of population from a potential source. The County may have a high number of accidents each year that involve hazardous materials; however, if they occur in areas that are free from population, major highways, or major recharge areas for groundwater, the threat and/or damage is negligible. Anytime there are transportation routes, inclusive of roads, rail lines, waterways, etc., there exists the potential threat of a transportation mishap involving a hazardous substance.

Transportation routes for extremely hazardous substances stored by reporting facilities are addressed in the Sarasota County Hazardous Materials Plan.

Coastal oil spills are mitigated by the County Fire Department and the U.S. Coast Guard. (Refer to Coordinating Procedures #2 Sarasota County Hazardous Materials Response Plan and Coordinating Procedure #6 U.S. Coast Guard Area Contingency Plan for Oil and Hazardous Substance Pollution Response.)

Armed Violence/Military Conflict

The federal government recognizes that the United States has entered the post-Cold War era. As a result, federal planning guidelines regarding military threats are in transition. However, nuclear weapons continue to be a serious planning concern especially in areas surrounding military installations.

Mass Immigration

Domestic violence and poor economic conditions abroad may result in the threat of spontaneous mass immigration to Florida, particularly south Florida. Mass immigration increases the need for law enforcement, detention and mass care. These events are typically preceded by periods of increasing tension abroad, which can be detected and monitored.

Immigration control is a federal government responsibility. However, it is anticipated that joint jurisdictional support to Sarasota County in the event of such an operation will require state and local government assistance.

Terrorism

Terrorism is a serious concern in Florida. Although potential targets are unpredictable, high density population centers, tourist attractions, and military installations are the most likely. Sarasota County also is host to many events such as Grand Prix Boat Races, golf tournaments, parades, etc. which may be of concern.

Wildfires

Sarasota County has a number of wild fires each year. This is of concern to County officials as over 81% of the County (322,257 square acres) is vulnerable to wild fires.

Sarasota County has experienced many small, and large scale fires. Over the past 10 years, a total of 765 forest fires have occurred, affecting a total of 35,628 acres. Some these fires have encroached upon the residential areas. Therefore, there is a relatively high probability that Sarasota County will experience a wild fire. Based on the historical record, there will be an average of 76 recorded fires in any given year in the County;

Because of the botanical composition of the County, approximately 81% of it is vulnerable to wild fires. Also, a number of homes are at risk to forest fires, especially since Sarasota County does not have the capability to respond to the majority of wild fires, relying heavily on the Division of Forestry, Department of Agriculture and Consumer Services for fire protection.

Property Loss/Agricultural Hazards

Agriculture is second only to tourism as a source of income for the state's economy. Florida is among the top three agricultural producing states in the United States. In 1992, the value of Florida's agricultural production was estimated at \$6.1 billion, employing as many as 80,000 farm workers during peak harvesting seasons. Agriculture is susceptible to threats of freeze, drought and exotic pests or diseases. The primary winter growing season is November through March. All winter crops are susceptible to frost and/or freeze damage. Increasing demands on the freshwater system by urbanization of former agricultural areas has caused concerns over the mounting risk of drought conditions.

Florida uses the second highest volume of pesticides in the nation. Agricultural crops are distributed throughout the state. Every region is vulnerable to the effects of an exotic pest or disease infestation.

Freezes

Sarasota County is susceptible to freezing temperatures and damage resulting from freezes. The damage that can result from a freeze is an economic one, not one affecting persons or property directly. Personal injury or death due to freezes is not considered a hazard in this analysis.

There have been 11 incidents of freezes causing damage to the citrus industry in the County since 1900. Freezes have been recorded in the following years within Sarasota County. A severe freeze in Sarasota County is possible each winter season. The exact probability would be very difficult to determine, but based on past experiences, it would be very low. The most damage is done when a severe freeze occurs early or late in the winter season; the probability rating is high.

The entire citrus and vegetable industry is vulnerable to freezes. The maximum threat for the County would be for a late or early season freeze to occur.

Although drought is of concern in the county, year round restrictions in place by Swift Mud have been beneficial to the County as a whole to control the use and abuse of water.

Transportation Accidents

These are incidents involving interruption or failure of transportation systems including: air, rail, water, and ground vehicles. Florida's tourist industries attract millions of visitors (39,883,477 in 1994), each year. With thousands of daily flights; an extensive highway (104,191 miles in 1988) and rail (3,329 miles in 1988), system; and nine major ports in the State (Canaveral, Charlotte, Jacksonville, Miami, Palm Beach, Panama City, Pensacola, Port Everglades, and Tampa Bay), the potential for serious injuries or a mass casualty incident is an ever looming threat. If a major transportation accident occurred, the EOC would be activated to respond to the event.

Epidemic

Due to the potential of complex health and medical conditions that can threaten the general population of this state, Florida's vulnerability to an epidemic is continually being monitored. With the millions of tourist (39,883,477 in 1994), and intra national arriving and departing the state annually, combined with the traditional health issues that state and county health officials monitor, disease and exposure (airborne, vector, and ingestion), are constantly evaluated and analyzed.

- **PRINCIPAL NATURAL DESTRUCTIVE FORCES AFFECTING SARASOTA COUNTY:**

Severe thunderstorms - are often accompanied by wind, hail, flooding, and lightning and can occur throughout the County in all seasons of the year.

Tornadoes - are characterized by violent winds and pressure differentials as well as hail, flooding, and lightning, which frequently accompany them. The entire County is vulnerable to the effects of tornadoes.

Hurricanes - generate high winds, wave action, and flooding. Although coastal areas are most susceptible, wind and water damage can extend inland.

Flooding - can be in the form of flash floods, rising water, or flooding from wind-driven or wind-held water. Flooding is generally associated with other weather-caused destructive forces. The Topography of the County lies between 10-35 feet.

Droughts and other water shortages - can be particularly damaging to crops and livestock and can affect the entire County.

Forest and grass fires - are a continuing threat which cause annual losses to timber and agricultural interests.

Frost and freezes - can cause damage in all areas of the County and can be particularly destructive to the winter agricultural efforts within the County.

Hazardous materials accidents - involving hazardous materials may threaten both life and property anywhere within the County.

- **VULNERABILITY ANALYSIS (DEMOGRAPHICS)**

NOTE: The source for the following information is the Sarasota County Apoxsee ant the S.W. Hurricane Study

Sarasota County is located in the southwestern part of the Florida peninsula on the Gulf of Mexico. The County extends a distance of 30 miles from north to south along the Gulf of Mexico, and at its widest point some 27 miles from east to west. It has 35 miles of Gulf beach shoreline. It is bounded on the North by Manatee County, on the east by Manatee and DeSoto Counties, on the south by Charlotte County. It has three heavily populated barrier islands: Longboat Key, Lido Key and Siesta Key; and two lesser populated islands: Casey Key and Manasota Key. Together, these keys effectively absorb the brunt of the forces brought by waves, winds, and occasional storms. These are all, as are the bayfront areas of the mainland, subject to extensive damage by tidal surges during a hurricane onslaught.

The present population of Sarasota County is estimated to be approximately 353,314 and projected to be 379,405 by year 2010. That figure increases to approximately 392,867 during the winter months due to the influx of winter visitors. These tourist tend to be attracted the barrier islands, the North Port area and the cities of Sarasota and Venice. Tourist activity peaks during the summer of each year. However, by mid-November, there is a significant influx of winter visitors and seasonal residents. In general approximately 93% of the population live in urban areas and the remaining 7% in Rural areas. In most cases this influx is greater in the winter than the summer influx. Approximately 82,000 people from these areas may have to be evacuated. In addition, Sarasota County has approximately 39,000 mobile home dwellers who would also have to be evacuated under hurricane strike.

Sarasota County's geography is typically a flat coastal plain, encompassing 587.3 square miles of land mass and 32.7 square miles of inland water. The County's flat topography is characterized by isolated swamps and marshes connecting into sloughs and meandering streams. The topography ranges in elevation from mean sea level along the coast and the lower Myakka River to a height of 95 feet in the Northeast corner of the County near Verna.

Topography is the most important physical parameter in determining Sarasota County's drainage characteristics. Although the County's topography is quite flat, sufficient gradient does exist to produce a series of somewhat poorly drained basins. Because of this flat topography, the County does not have an extensive river system. Sarasota County has four regional drainage basins, including the Manatee River Basin, the Sarasota Bays Basin, the Myakka River Basin, and the Charlotte Harbor Basin. Increases in the development in the flood prone areas increases the risk of flooding.(refer to map at the end of this Tab).

The designated coastal area of unincorporated Sarasota County contains roughly 765 acres of commercial development, 10,610 acres of residential and 200 acres of recreational development, which does not include beaches. Present urban development in the County occurs primarily along the Gulf coast with the heaviest concentrations around the Cities of Sarasota, and Venice, and in the Englewood area. To the east, Interstate 75 marks the furthest extent of significant urban land use with the exception of scattered pockets of residential subdivision development.

The County's barrier islands, in addition to those within the Town of Longboat Key and the City of Sarasota, have essentially reached their maximum development capacity, minimal additional growth is expected.

- **SOCIO-ECONOMIC PROFILE**

Sarasota County's economy can be characterized as trade and services oriented. While the percentage of permanent residents who are employed has increased, unemployment has hovered around the 4.3% level for the past ten years. Manufacturing and construction are maintaining a steady but low source of employment for members of Sarasota county's work force, while trade and services are a growing source of employment. Tourism and retirement, which has traditionally been a strong economic activity within Sarasota County continues to grow. Personal income in Sarasota County was \$27,507 in 1993.

The following are significant characteristics regarding Sarasota County's economy:

- 59.8% of income of Sarasota County residents come from dividends, interest, rent and transfer payments.
- 24.2% of the jobs in Sarasota County in 1994 were in retail trade as compared with 20.8% state-wide.
- There are approximately 30 agencies in the employee leasing and temporary help agencies headquartered in Sarasota County.
- In 1994, average annual worker incomes within Sarasota County were less than state-wide averages in most employment sections. Retail, finance, insurance, real estate, education, construction and agriculture met or exceeded the state-wide average.
- Sarasota County as of 1990 had 157,055 housing units. Of these 61% were owner occupied, 19% renter occupied, and 20% vacant or utilized for seasonal use.
- The median age for Sarasot County has remained fairly consistent at 49.0.
- The 1990 age distribution of the population was as follows:

0-14	13.2%
15-24	248.9%
25-44	24.0%
45-64	21.8%
65 +	32.1%
- In 1990, the racial composition of Sarasota County's population was as follows:

White	94.6%
Black	4.3%
Asian	0.5%
American Indian	0.2%
Hispanic	2.1%
Other	0.3%

- ## SPECIAL FACILITIES/POPULATIONS

There are a number of special facilities and populations that should be considered when doing a Hazard Analysis for Sarasota County. Special facilities/populations are those which would be, in effect, more vulnerable to the effects of given hazards than the general inventory of facilities or the general population. This could include portable or mobile buildings which are unable to withstand the effects of a natural disaster such as hurricane or tornado winds, or a population which is not able to protect itself without assistance, such as a hospital or nursing home.

According to the Southwest Florida Regional Planning Council's Hurricane Evacuation Study Update 1995, there are an estimated 54,500 dwelling units in the storm Category 1 zone of Sarasota County. This estimate includes hotel/motel rooms, recreational vehicles, and mobile homes as well as single and multi-family units. The figure represents about 29 percent of the dwelling units in the County and an estimated 77,635 people.

Hurricane evacuation has the potential for being a traumatic experience for everyone involved. This is especially true for those requiring special medical attention and/or those having no personal transportation. The County anticipates the needs of persons requiring special medical sheltering and/or transportation during a declared State of Emergency through the People with Special Needs program, as stipulated in Florida State Statute 252.355. As of October 1993, there were approximately 1500 registered people. This figure represents a 50 percent increase since Hurricane Andrew in 1992.

The largest concern group in the County and the entire Southwest region is the population age of 65+. Thirty two percent of the County's 1990 population consisted of residents in this age group, of which 13.3 percent are over the age of 75. A breakdown of some of the special needs population are as follows:

<u>NEEDS</u>	<u>CAT</u>	<u>CAT 2</u>	<u>CAT 3</u>	<u>CAT 4</u>	<u>CAT 5</u>
PSN	528	336	241	195	187
Life Support	1,850				
Terminal	255	100	100	100	100
Renal Failure	33	33	33	33	33
Alzheimer	129	104	91	28	52
Over age 75	<u>7437</u>	<u>7437</u>	<u>7437</u>	<u>7437</u>	<u>7437</u>
Totals	10,232	8,010	7,902	7,793	7,809

Other distinct population considerations include non-English speaking migrant farm workers, and a Mennonite community.

People with Special Needs registrants are assigned to one of four types of sheltering facilities, based upon their medical needs. They are: public shelter, PSN shelter, nursing home or hospital. Sarasota County has a total of seven hospitals, 19 nursing homes, 78 licensed Assisted Living Facilities (ALF), eight mental health clinics, 31 public schools, and four special education facilities.

Listed below are the total number of beds in the County's medical facilities by storm category:

<u>FACILITY TYPE</u>	<u>CAT 1</u>	<u>CAT 2</u>	<u>CAT 3</u>	<u>CAT 4</u>	<u>CAT 5</u>
Hospitals	100		897		168
Nursing Homes	356	803	848	120	267
ALFs	1577	296	579	512	342

There are farm workers who follow the crops. They are seasonal in population. Their numbers have diminished since the farm area around the Fruitville Road has become developed where once farms were located. It is expected that in the future the agricultural needs for these workers will continue to diminish as more farmland is developed.

- **PLANNING ASSUMPTIONS**

A disaster may occur with little or no warning, and may escalate far more rapidly than the ability of any single local response organization or jurisdiction can handle.

Achieving and maintaining effective citizen and community preparedness reduces the immediate demands on response organizations. This level of preparedness requires continual public awareness and education programs to ensure citizens will take appropriate advance actions to reduce their vulnerability especially during the initial days (72 hours), after disaster impact. Sarasota County government will utilize available resources fully before requesting State or Federal assistance. Evacuation and shelter strategies rely upon citizen cooperation with staggered evacuation and best-available shelter options due to the shelter deficit and transportation system limitations.

Initially, local public safety and emergency management agencies will focus on lifesaving activities. Local government officials will work toward reestablishing order and control in the disaster area. Sarasota County Government emergency operations center will become the central point of coordination and control for local response and recovery activities.

The County Emergency Operations Center (EOC) will be activated and staffed with County Departments/Agencies organized into ESF's utilizing the Incident Command System (ICS). The primary department/agency for each ESF is responsible for coordinating the planning and response activities of all the agencies of the ESF. When County resources and capabilities are exhausted, additional resources will be acquired through the state mutual aid agreement, intrastate and Federal assistance. Each local ESF will document and seek reimbursement through Sarasota County Risk Management, as appropriate, for expenses incurred during disaster operations.

Persons needing special care will be registered by Sarasota County Emergency Management as people with special needs assistance. Planning at the County and State levels will be based on pre-identification of populations and determination of resource shortfalls and contingencies.

When Sarasota County responds to a request for mutual aid under a '**Declaration of Emergency**', it will assign a Team Leader to the Response Team. Prior to deployment, the Team Leader will be responsible to meet with the Directors of Emergency Management, Risk Management, and the Team Leader's Director/Manager for a preliminary briefing. In this briefing the Team Leader will be given a deployment packet which will contain the necessary documents to be completed by the Team Leader. This packet will contain all the necessary forms needed for reimbursement. The Team Leader will be responsible to maintain these records for personnel, assignments, payroll, food and sheltering, and equipment costs, etc. for reimbursement records as outline in Tab 6 and ESF #s of this plan. The Team Leader will be responsible for the actions and safety, and the point of contact for the responding units and personnel. Sarasota County will also provide a means of communication to the Team Leader for communicating back to the County. The County will also communicate with the Team Leader on a regular basis to acquire the status of Team Members for purpose of informing family members of their well-being. The County will set up a hot-line so that families may inquire about their family members.

This Plan encourages pet/animal owners to prepare in advance to house or protect their pets/animals. Sarasota County has a fully operational Emergency Support Function #17, headed by the Sarasota County Sheriffs Office which deals with animal issues,. This ESF is responsible to deal with emergent animal problems affected by disasters any other conditions where animals is a major concern to public health, animal control, and disposal of dead animals.

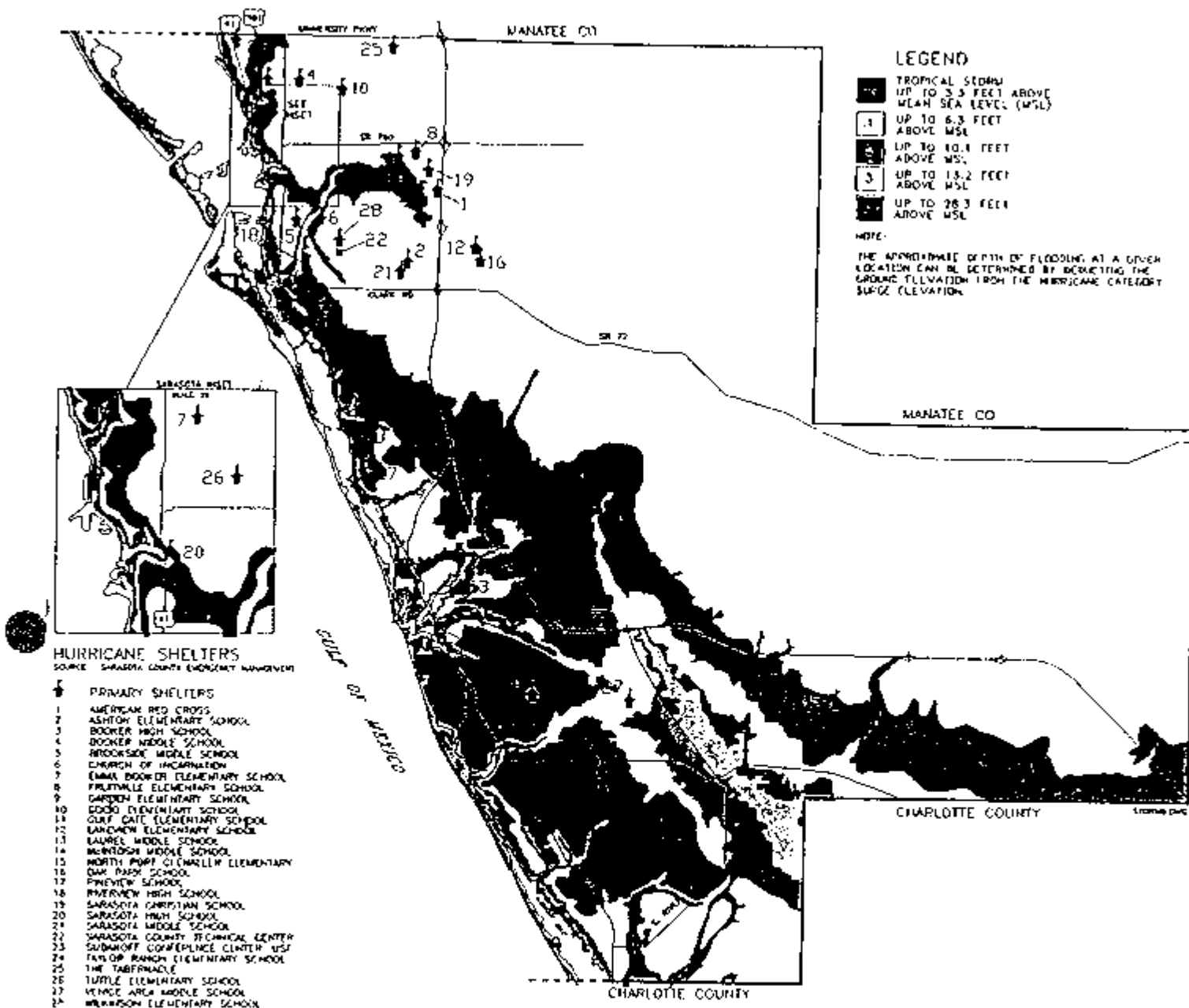
- **EMERGENCY MANAGEMENT SUPPORT FACILITIES**

Emergency Management support facilities include landing zones, staging areas, and a series of critical facilities. All of these are identified on maps, which are kept in the Sarasota County Emergency Operations Center at the Sarasota County Administration Center located at 1660 Ringling Blvd, on the 6th floor. The listing of these facilities has been forwarded to the FDEM so that it may be placed in their files. This list is also reviewed and updated on an annual basis, as is required by the Five Year Strategic Plan and forwarded to the FDEM.

The GIS section of The Emergency Management Department also provides mapping support, creating and maintaining the automated mapping system. During emergency events, maps of the affected area(s) are available for immediate use by the EOC, ICS staff and field response units.

Map of Flood Zones

(includes Shelters)



MAP 3
HURRICANE SHELTER LOCATIONS
SARASOTA COUNTY

TAB 4

TAB - 4 CONCEPT OF OPERATIONS

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CONCEPT OF OPERATIONS - Tab 4

- **DISASTER MAGNITUDE CLASSIFICATION**

Chapter 252, Florida Statutes, requires the CEMP to address minor, major and catastrophic disasters. These levels of disaster are defined as:

MINOR DISASTER: Any disaster that is likely to be within the response capabilities of local government and results in only minimal need for state or federal assistance.

MAJOR DISASTER: Any disaster that will likely exceed local capabilities and require a broad range of State and Federal assistance. The Federal Emergency Management Agency (FEMA) will be notified and potential Federal assistance will be predominantly recovery oriented.

CATASTROPHIC DISASTER: Any disaster that will require massive state and federal assistance, including immediate military involvement. Federal assistance will involve response as well as recovery needs.

- **DESCRIPTION**

It is the responsibility of Government to undertake comprehensive emergency management steps in order to protect life and property from the effects of disastrous events. Local Government has the primary responsibility for emergency management activities. When the emergency exceeds the local Government's capability to respond, assistance may be requested from the County to State Government. The Federal Government will provide assistance to the State where needed.

A Comprehensive Emergency Management Plan is concerned with all types of hazardous situations which may develop in the community. This plan is based upon the concept that the emergency functions for the various groups involved in emergency operations will generally parallel their normal day-to-day functions. To the extent possible, the same personnel and material resources will be deployed in both cases.

These day-to-day functions which do not contribute directly to the emergency operation may be suspended for the duration of the emergency. The efforts that would normally be required for those functions will be redirected to the accomplishment of emergency tasks by the departments concerned.

All County Departments will secure their facilities, records, and equipment against possible loss or damage, and take such action as is necessary to insure the safety of assigned personnel. Those County Departments assigned to Support Functions will be required to remain on-duty or on 'Alert' during the period of some emergencies. This determination will be made and announced by the Emergency Management Director.

Sarasota County utilizes a bottom-up approach in all phases of emergency management, with emergency activities being resolved at the lowest possible level of government. Thus, the resources of municipal, county, state and the federal governments are utilized in this sequential order to ensure a rapid and efficient response. Each level of government, upon requesting assistance from the next level of government, will ensure that the local resource requirements have been exceeded.

In the event of an impending or actual natural disaster involving Sarasota County:

The Chairman of the Board of County Commissioners or his authorized representative (Emergency Management Director), will normally establish his command post at the County Emergency Operations Center.

The first in-charge Person/Officer to arrive at the scene of a localized disaster will assume command at the disaster scene until relieved by higher authority.

The Sarasota County Emergency Operations Center, located in the Sarasota County Administration Center, is designated as the primary Emergency Operations Center for overall control of disaster operations within Sarasota County. The Emergency Management Director is responsible for and to maintain the Sarasota County Emergency Operations Center in a state of readiness at all times. Functions to be performed in the Sarasota County EOC include but are not limited to: receipt and dissemination of emergency information and instructions; direction and control of emergency preparedness, response and recovery operations; coordination with appropriate emergency-

related officials, agencies and organizations; collection and analysis of pertinent data; management of emergency support staff resources i.e. personnel, facilities equipment and supplies; and issuance of emergency public information, instructions and directives for protection of life and property.

The Emergency Operations Center will be activated when the current emergency is of such a magnitude that response by and coordination of several county and/or city departments is required. The **Emergency Management Director shall activate the Sarasota County Emergency Operations Center** under emergency conditions. He shall coordinate all directives from the Board of County Commissioners with Emergency Operations personnel and appropriate department directors.

The preparation, staffing, and conduct of emergency operations will be based on the type of threat to Sarasota County. Should State or Federal assistance be required, the Emergency Management Director shall contact the Local Government Assistance Representative, South Florida Area office by ESATCOM, inform him of the need and specify the type of assistance required.

The Sarasota County Emergency Operations Center, staffed by County, City, Federal Government, Salvation Army, American Red Cross personnel, appropriate communications personnel, and personnel from any other needed agency, will serve as the coordinating center for County-wide Emergency Operations and Public Information Center. The activation notification list for the EOC will be maintained by the Emergency Management Director.

Initially, calls will be made to those staff members who are required for the conduct of immediate EOC operations. Only those County Departments, volunteers, or agencies that perform essential functions will be required to remain on duty during the period of emergency. This will be determined by the Chairman of the Board of County Commissioners or his authorized representative, upon the recommendation of the Emergency Management Director.

- **GENERAL**

Emergency utilization of resources and capabilities of organizations not part of a government structure will be pre-arranged through agreements to the maximum extent feasible.

Agreements will be entered into by duly authorized officials and will be formalized in writing whenever possible. The Sarasota County Emergency Management Director will coordinate the obtainment of resources and capabilities of private organizations.

Agreements amongst elements of city and county governments will be included within the plan. Details of such agreements which are inappropriate for inclusion in the Basic Plan will be set forth in Reference 'A' Memoranda and Agreements. These documents will support operating procedures, instructions or other directives of the units of government concerned.

Unless otherwise provided, agreements remain in effect until rescinded or modified. Annual or other periodic updates will prevent them from becoming outdated.

A clear statement of agreement regarding payment or reimbursement for personnel services rendered, equipment costs, and expenditures of material is mandatory.

- **SPECIFIC CONDITIONAL DIRECTIVES**

Use of local firms and individuals - when major disaster assistance activities are carried out by private organizations, firms, or individuals, preference shall be given to establishments that reside or do business primarily in the area affected by the disaster.

Non-discrimination in Disaster Assistance - when major disaster assistance activities are carried out by private organizations, firms, or individuals, preference shall be given to establishments that reside or do business primarily in the area affected by the disaster. As a condition of participation in Federal programs of Repair and Restoration of Damaged Public Facilities and the Individual Assistance Programs, local and State governments must comply with regulations relating to non-discrimination as promulgated by the local authority.

Duplication of benefits - Procedures for providing assistance shall include measures to prevent the provision of financial assistance to persons, business concerns or other entities which have previously received financial assistance for the same loss under any other program. If the assistance for a loss exceeds the amount of the loss, reimbursement shall be made to the Federal government for that part of the assistance provided by a Federal agency which is in excess of the loss.

Criminal and Civil Penalties:

Any individual who fraudulently or willfully misstates any fact in connection with a request for assistance under Public Law No. 93-288 shall be fined not more than \$10,000 or imprisoned for not more than one year or both for each violation;

Any individual who knowingly violates any order or regulation under Public Law No. 93-288 shall be subject to a civil penalty of not more than \$5,000 for each violation.

Availability of materials - The President is authorized at the request of the Governor of an affected State, to provide for the survey of construction material needed in the area affected by a major disaster. Based on this survey, appropriate action may be taken to assure the availability and fair distribution of needed material for a period of not more than one hundred and eighty (180) days after the disaster. Any allocation program shall be implemented by the President to the extent possible by working with and through those companies which traditionally supply construction materials in the affected areas.

Protection of the Environment - No action taken, or assistance programs implemented, pursuant to Sections 305, 306, 403, of Public Law No. 93-288 or any assistance provided pursuant to Sections 402, 419, of Public Law No. 93-288 that has the effect of restoring facilities substantially as they existed prior to the disaster, shall be deemed a major Federal action significantly affecting the quality of the human environment. Major Federal actions significantly affecting the quality of the environment are those actions which require Environmental impact Statements in accordance with the national Environment Policy Act. In order for actions, such restoration must be in conformity with current applicable codes, specifications and standards. For non-exempt Federal actions involving Federal disaster assistance under Public Law No. 100-707 the Regional Director shall determine if such action is a major Federal Action

significantly affecting the quality of the human environment. In any case where affirmative determination may result, the Regional Director shall consult with the Administrator or his staff to arrange for compliance with the National Environmental Policy Act.

Minimum standards for public and private structures - a recipient of any disaster loan or grant under Public Law No. 100-707 shall agree that any repair or construction shall be in accordance with applicable standards of safety and sanitation. Additionally, the State or local government shall agree that the natural hazards in the disaster areas to mitigate such hazards, including the land use and construction practices, in accordance with standards prescribed or approved by the local authority. The State shall furnish such evidence of compliance as may be required.

- **ISSUE OF THE EXECUTIVE ORDER OR PROCLAMATION**

An Executive Order or proclamation, issued by the Governor of the State of Florida, or by the Chairman of the Board of County Commissioners, or by the Chief Executive Officer of the municipality of a state of disaster emergency shall activate the disaster response and recovery aspects of County and Municipal resources. Such an order or proclamation will act as the authority for the deployment and use of personnel or for the distribution of any supplies, equipment, materials, or facilities available pursuant to Florida Statutes, Chapter No. 252 and any other provision of law relating to disaster emergencies, or related rules for implementation of such laws.

- **INCIDENT COMMAND SYSTEM**

Sarasota County will utilize the Incident Command System (ICS) to manage its operations. A typical list briefly outlining department responsibilities that support the implementation of the CEMP is shown as a 'Emergency Support Function' in Annex II. Additionally, each County Department under the Board of County Commissioners has developed a detailed Standard Operation Procedure for emergencies outlining specific departmental actions, staffing, and resources during a declared emergency.

County Departments or agencies not assigned to the EOC will conduct emergency operations from their present assigned facilities, unless prohibited by existing conditions or upon instructions by the Chairman of the Board of County Commissioners or his authorized representative, the Emergency Management Director.

All County Departments or agencies, including those with functions declared non-essential to emergency operations will secure their facilities, records and equipment against possible loss or damage and take such action as is necessary to insure the safety of assigned personnel.(See SOP #19)

The County Administrator, or his designated Deputy County Administrator, shall coordinate all activities between the Board of County Commissioners and elected officials, and city/town managers/mayors by the most expedient means available including radio and telephone. The Deputy County Administrators shall coordinate activities between their respective Department heads and the Emergency Management Director.

The Sarasota County EOC will be de-activated by the Chairman of the Board of County Commissioners or his authorized representative, upon the recommendation of the Emergency Management Director.

- **EMERGENCY SUPPORT FUNCTIONS (Figure #1)**
Sarasota County Emergency Operations is organized into 17 ESF's. These are comprised of government departments, local agencies and voluntary organizations, which are grouped together to provide needed assistance including:

FIGURE 1

ESF#	FUNCTION NAME	LEAD COUNTY ORGANIZATION
1	Transportation	PUBLIC WORKS (Transportation/Scat)
2	Communications	ADMIN SVC(IT)/EMER SVC(EM)
3	Public Works & Engineering	PUBLIC WORKS/ENVIRONMENTAL SV
4	Firefighting	EMERGENCY SERVICES
5	Information & Planning	EMERGENCY SERVICES
6	Mass Care	ARC/SALVATION ARMY
7	Resource Support	ADMINISTRATIVE SERVICES
8	Health and Medical	HEALTH & HUMAN SERVICES
9	Urban Search & Rescue	SARASOTA COUNTY SHERIFF
10	Hazardous Materials	EMERGENCY SERVICES
11	Food & Water	ENVIRONMENTAL SVC/ARC/SA
12	Energy	PUBLIC WORKS/FPL
13	Military Support	FLA ARMY NATIONAL GUARD
14	Public Information	ADMINISTRATIVE SERVICES
15	Volunteers & Donations	HEALTH & HUMAN SERVICES
16	Law Enforcement & Security	SARASOTA COUNTY SHERIFF
17	Animal Protection	SARASOTA COUNTY SHERIFF

- **COORDINATION, DIRECTION AND CONTROL**

County Level

In the event of a local emergency/disaster situation, the county will maintain primary responsibility for coordinating the emergency response effort. Non-impacted counties may also be requested through the State Division of Emergency Management to activate their EOC for provision of emergency assistance (see ICS operations chart).

Sarasota County Emergency Management will direct evacuations, coordinate shelter activation, and request outside assistance. The County may also activate mutual aid agreements with neighboring counties and between municipalities within the county.

Most evacuations and re-entry actions are local (County) in scope, and will be initiated following a decision by the local governing body. In such cases, the evacuation and re-entry of an area are coordinated and administered by county officials using county resources in accordance with county policies and plans. Sarasota County has established mutual aid agreements with neighboring jurisdictions to provide expanded resource capability, (See ref. 'A' Memoranda).

Plan of Operation

The Emergency Management Director will advise the County Administrator of the situation. The CA will authorize the implementation of the necessary levels of Incident Command System to mitigate the problem. An **Incident Action Plan** will be instituted and issued through the **Incident Commander** and will become the Official Document for the Plan of Action to manage the Incident. Unless modified by the IC an Action Plan will describe the goals and objectives for a twelve hour cycle (operational period). When County resources are not capable of mitigating the event, Emergency Management should be notified.

The Primary method of documentation and assignment of tasks will be through the utilization of the Sarasota County EM Message Form (See appendices for SOP #12), or its equivalent electronic message.

Command Structure: (Figure #2)

The following organizational structure is established to ensure the effective coordination of County resources during recovery operations after a hurricane or any other major event. All assigned personnel will respond to and operate primarily out of the Sarasota County Emergency Operations Center (EOC) located at 1660 Ridgling Blvd, 6th floor.

Functions performed shall include all preliminary emergency preparations that must be completed during this period which begins with the announcement that an alert is in effect. This announcement will be made approximately at 72-hours out from the closest point of approach of an approaching storm, or immediately in the event of a sudden occurring catastrophic disaster such as a major airplane crash or violent tornado. (In addition, other emergency ICS related actions are listed in Annex II). The Incident response form will be utilized as a reference for tracking the activated ESF's during EOC operational periods, (see figure #3).

- EMERGENCY BUS**
- No 1 Transportation
 - No 2 Communications
 - No 3 Public Works/Utilities
 - No 4 Firefighting
 - No 5 Information and Planning
 - No 6 Mass Care
 - No 7 Resource Support
 - No 8 Health and Medical Services
 - No 9 Urban Search and Rescue
 - No 10 Hazardous Materials
 - No 11 Food
 - No 12 Shelter
 - No 13 Military Support
 - No 14 Public Information
 - No 15 Volunteers and Donations
 - No 16 Law Enforcement
 - No 17 Animal Protection
- FUNCTIONS (ESF)**

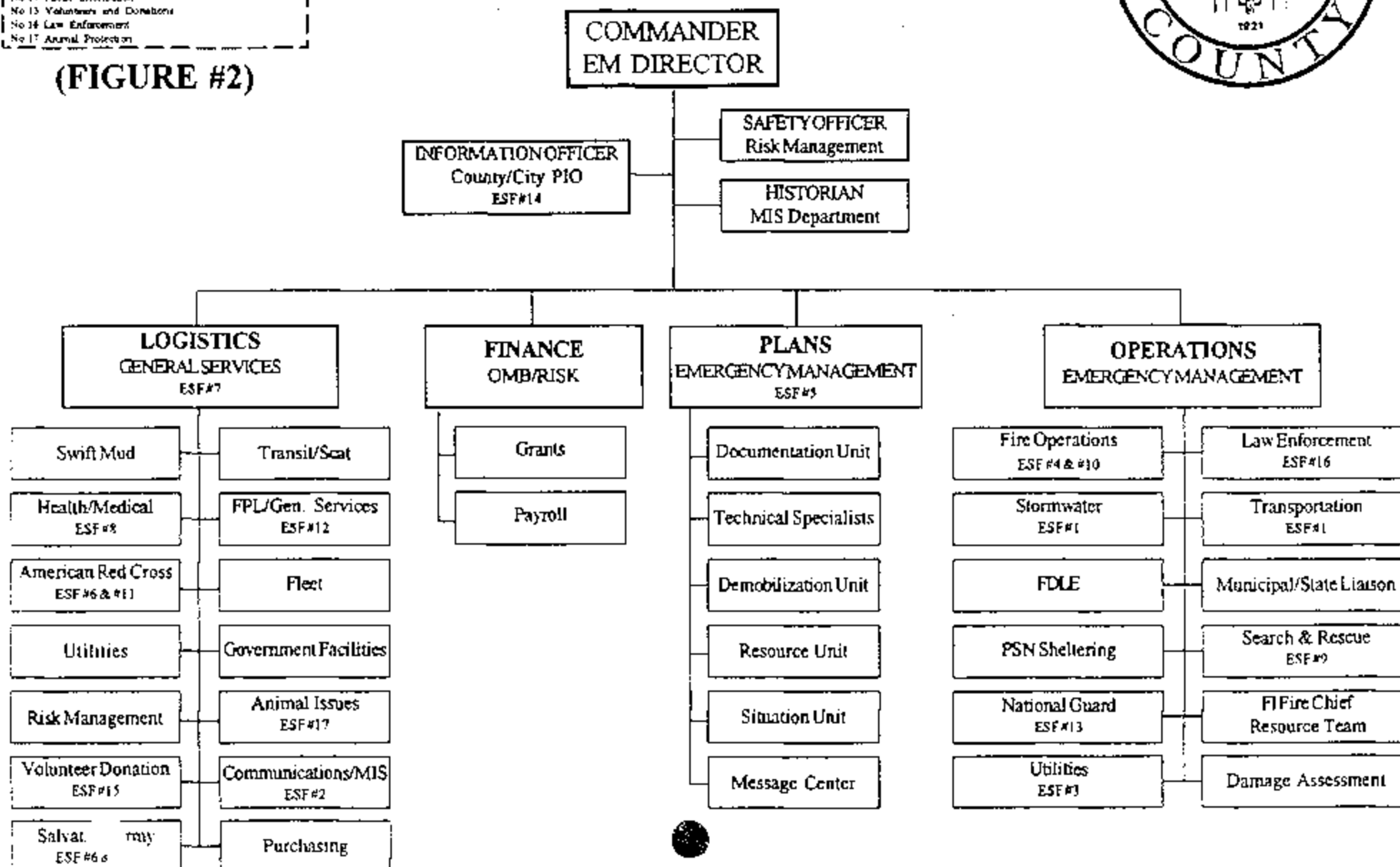
Sarasota County

Comprehensive Emergency Management Plan

Incident Command Structure



(FIGURE #2)



INCIDENT RESPONSE (figure #3)

Special Planning Considerations	Lead Agency	ESF 1	ESF 2	ESF 3	ESF 4	ESF 5	ESF 6	ESF 7	ESF 8	ESF 9	ESF 10	ESF 11	ESF 12	ESF 13	ESF 14	ESF 15	ESF 16	ESF 17
Aircraft	Fire Dept.		X		X	X		X	X	X	X				X		X	X
Civil Disorder	SSO/PD	X	X		X	X	X	X						X	X		X	
Drought	Govt.					X		X							X	X		
Flood	Emergency Mgt.		X	X	X	X	X	X		X		X		X	X	X	X	X
Freeze - Winter Storm	Emergency Mgt.		X	X		X	X	X		X		X			X			X
Hazmat	Fire Dept.		X		X	X	X	X	X	X	X	X			X			X
Hurricane	Emergency Mgt.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mass Casualty/Fatality	Fire Dept.		X		X	X		X	X		X				X		X	
Mass Public Gathering	Gov't CEO	X	X			X		X				X		X	X		X	
Mutual Aid Response	Emergency Mgt.	X	X	X	X	X	X	X		X	X				X			
Oil Spill Waterway	Fire Dept.		X		X	X		X			X				X			
Power Failure	Emergency Mgt.			X		X		X					X		X			
Public Health Emergency	Health Dept.					X		X	X						X	X		
Radiological	Fire Dept.		X		X	X		X	X		X			X	X			
Red Tide	General Services					X		X	X						X			
Subsidence	Utilities					X		X							X			
Terrorist	SSO/PD		X		X	X		X		X	X		X	X	X		X	X
Tornado	Emergency Mgt.		X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
Urban Fire	Fire Dept.		X		X	X	X	X		X		X			X	X	X	X
V.I.P. Visitation	SSO/PD	X	X		X	X		X				X		X	X		X	
Wildland Fire	Fire Dept.		X		X	X	X	X		X		X		X	X	X	X	

Recovery (Figure #4)

The purpose of recovery is to provide for the safe and orderly reconstruction of public and private buildings, and infrastructure within existing federal, state and local guidelines, with a goal of mitigating future losses.

Includes all immediate actions necessary to restore essential services, provide emergency assistance to disaster victims and return to normal day-to-day operations as quickly as possible. Such activities include, but are not limited to statute, ordinance, order, or rule prescribing procedures for conducting County business if compliance would in any way hinder or delay necessary emergency actions.

a. "Tactical Search and Rescue" Strike Teams (Figure #5):

Utilities Dept.
Fire Department
Sheriff/Police Departments
Florida Power and Light
GTE
Public School Transportation Dept.
Radio Amateur Civil Emergency Service (RACES)
K-9 Search & Rescue
Health Department

b. Damage Survey Teams:

Utilities Department
Engineering Department
Code Enforcement and Property Standards Department
General Services

c. Management Director or other Agencies:

In the event of a major incident where the sustained damage must be assessed throughout the county, it will be necessary to identify KEY locations of concern for those who respond to the County's aid. These facilities or locations are identified on County GIS maps, listed in the South West Regional Evacuation Study and a hard copy is kept on file. This list contains information necessary to visually assess the location by land or air.

Redevelopment: The Code Enforcement and Property Standards Department is responsible for implementing the long term recovery goals found in the land development regulations pertaining to private property. Support includes but is not limited to:

Assessment - Provide for or require documentation of the amount of damage prior to permitting.

Permitting - Provide for permitting of both emergency and permanent repair in a timely manner.

Inspections - Provide the inspection of all repairs in reconstruction in a timely manner.

Public Infrastructure; The Utilities and Transportation Departments are responsible for debris removal and for the long term restoration of all utilities and streets and highways. Support includes but is not limited to:

Streets and Highways - Provide for clearing, repair and maintenance of all streets and highways, to include placement/repair/replacement of traffic control devices, informational signs, and streets lights.

Utilities - Re-establish water and sewer services, and maintenance of utility systems.

Debris Removal - Provide for continual and timely removal of all debris.

Repair of Public Buildings; The Property Appraisers Office is responsible for providing a timely assessment of damages to all public buildings, and the permitting and monitoring of contracts for repair to public buildings. The goal of reconstruction is to mitigate future damages. Support includes but is not limited to:

Assessment - Provide for accurate assessment of damages to public buildings.

Permitting/Contracting - Monitor the permitting, and contracting of all repairs and reconstruction to public buildings.

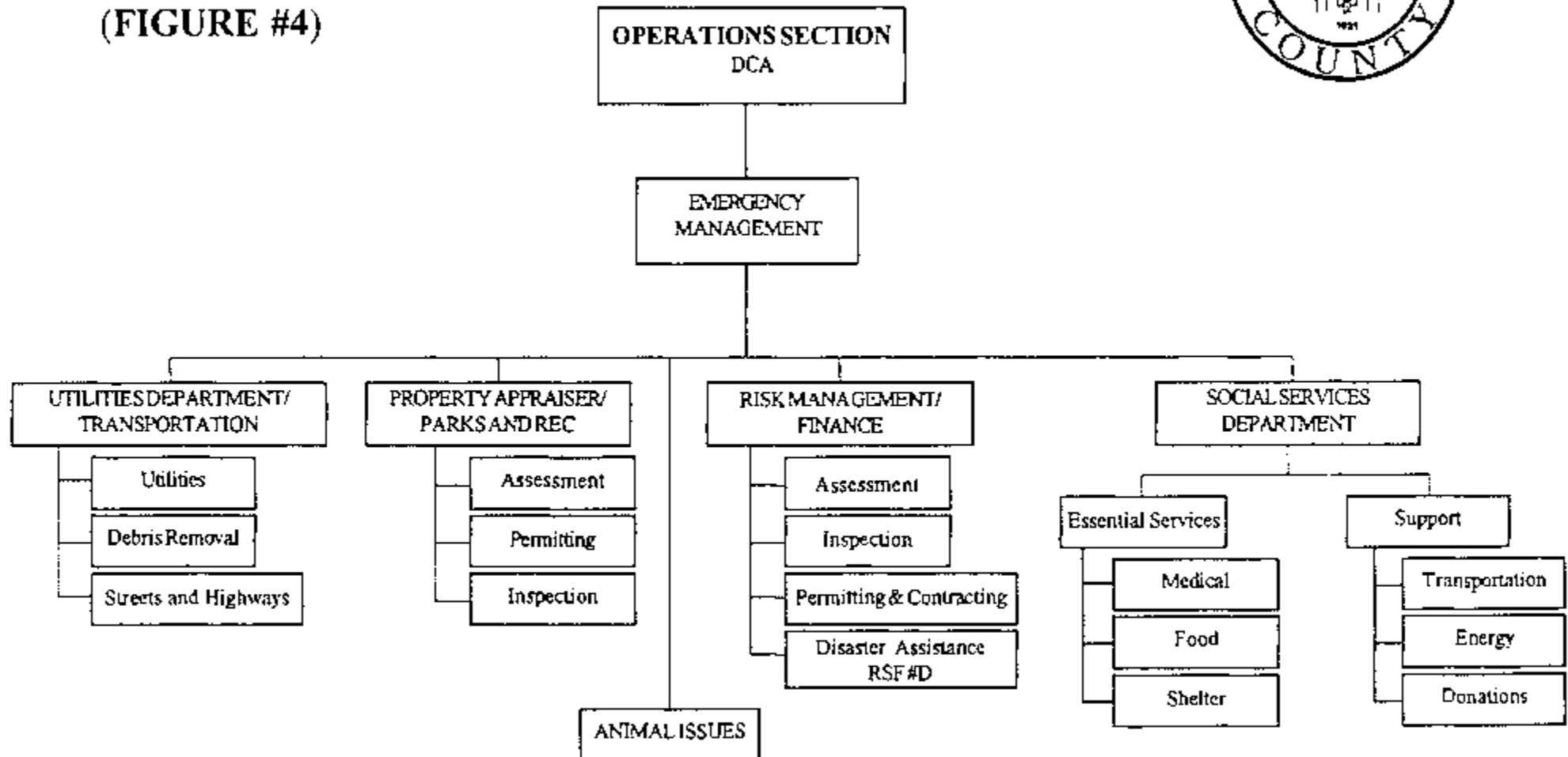
Inspections - Provide for the inspection of all repairs and construction in a timely manner.

Sarasota County Recovery Plan Incident Command Structure



RECOVERY SUPPORT FUNCTIONS
Redevelopment
Public Infrastructure
Repair of Buildings
Disaster Assistance Centers

(FIGURE #4)



(Figure #5)

SARASOTA COUNTY TACTICAL SEARCH & RESCUE

<u>Sarasota City Task Force #1</u> Stage: Sarasota Memorial Hospital 1700 S. Tamiami Trail Goal #1 • Clear U.S. 41 north to Mound St. continue north on U.S. 301 to 301 and Fruitville Rd. turn east and continue out to I-75. Goal #2 • Head north on I-75 to Exit #40 turn on University Pkwy head west until Task Force #8 is met or until arrival at Sarasota/Bradenton Airport.	<u>North County Task Force #2</u> Stage: Sarasota County VoTech Institute 4748 Beneva Rd Goal #1 • Clear Beneva road north from Vo Tech to Bee Ridge Rd., turn around on Beneva head south to Clark Rd. turn head east to I-75 exit #37 • Head west on Clark Rd., start clearing at Beneva Rd., continuing to U.S. 41 turn north continue on U.S. 41 until Team #3 is met or until arrival at Bee Ridge Rd..
<u>Central County Task Force #3</u> Stage: Dr.'s Hospital 5731 Bee Ridge Rd.. Goal #1 • Clear heading south on Cattlemen Rd., from Doctor's Hospital head east on Bee Ridge Rd., to I-75 Exit #38. • Turn around heading west on Bee Ridge Rd., To U.S. 41 head north on U.S. 41 to Sarasota Memorial Hospital. Goal #2 • Head south on U.S. 41 until Team #2 is met or until reaching Clark Rd..	<u>Venice Task Force #4A & 4B</u> Stage: Team 'A' Venice Police Department; 1350 Ridgewood Av. Team 'B' Venice Hospital; 540 The Rialto Goal #1 Team 'A' • Clear Venice Av., East to Jacaranda Blvd. Continue to I-75. • Clear to Venice Av., west to U.S. Business 41, to Venice Hospital. Team 'B' • Clear from hospital south on Business U.S. 41 to Av., Del Circo, proceed south on Av., Del Circo to Venice Airport. Goal #2 Team 'A' • Continue clearing south on Business 41 to Center Rd., • Clear Center Rd., to Jacaranda Blvd, to Venice Av., Team 'B' • Proceed back to Business U. S. 41 head south clear to Center Rd., Turn head north on Business U. S. 41 clear from Venice Hospital to Venice Av., Then work east on Venice Av., Until Team 'A' is met • Return to Business U. S. 41 and open U. S. 41 north from Venice Av., To Colonia Ln.
<u>South County Task Force #5</u> Stage: Taylor Ranch Elementary 7500 Taylor Ranch Trail Goal #1 • Clear U.S. 41 to Center Rd., east to Jacaranda Blvd. • North on Jacaranda to I-75, exit #35. • Go back south on Jacaranda to U.S. 41 (check Venice Av., to Venice Police Department) Goal #2 • Clear south on S.R. 776 to Englewood Hospital.	<u>North Port Task Force #6</u> Stage: Toledo Blade Elementary (Corner of Price and Toledo Blade Blvd.) Goal #1 • Clear from Toledo Blade School north on Toledo Blade Blvd. to I-75 Exit #32. Goal #2 • Come back to Price Blvd. to S. Biscayne. Clear U.S. 41 to North Port Blvd (City Hall) Goal #3 • Clear north from U.S. 41 to I-75 Exit #33 via Sumter Blvd.
<u>Longboat Key Task Force #7</u> Stage: County Fire Station #5 400 N. Beneva Rd Goal #1 • Clear from U.S. 41 to Longboat Key via John Ringling Causeway.	<u>Florida DOT Strike Team #8</u> Stage: U.S. 301 & University Pkwy. Goal #1 • Clear from FDOT Headquarters on U.S. 301 to University Pkwy. to I-75 Exit #40. • Open Airport and University Pkwy both ways Goal #2 • Open I-75 north and south through Sarasota County (Coordinated by County Transportation).

State Level

When an emergency or disaster has occurred or is imminent, the Governor may issue an Executive Order proclaiming the existence of a State of Emergency or activate the emergency response, recovery and mitigation aspects of state, local and inter-jurisdictional disaster plans. The Executive Order is needed for the deployment and use of state personnel, supplies, equipment, materials and/or facilities. The primary assigned ESF's for Sarasota County will be responsible for a coordinated and planned response, together, with their State counterparts, (see figure #6).

If disaster threatens prior to the ability of the Governor to issue an Executive Order proclaiming the existence of a State of Emergency, the Director of FDEM is authorized to activate the Plan and implement any emergency response actions that may be necessary for the immediate protection of life and property.

(Figure #6)

Hazard/Special Planning Consideration	Lead Agency	State Agency Involved		App. FI Laws	*LSE?	Other Agencies?
		Planning	Response Ops			
Aircraft	Fire Dept			252	Maybe	NTSB,FAA, FBI
Civil Disorder	SSO/PD	SERT	SERT &FDLE	252& 870.041	Yes	FBI&DOJ
Drought	Exten. Office			Ag&Farm		Dept Ag
Flood	Emerg. Mgt		SERT &DOF	All	252	Yes
Freeze/Winter Storm	Emerg. Mgt			Ag&Farm		*ARC& TSA,AG
Hazmat	Fire Dept		DEP&DOT	ALL	252&29CFR 1910.120	Maybe
Hurricane	Emerg. Mgt		SERT	ALL	252	
Mass Casualty/Fatality	Fire Dept		SERT		252	Yes
Mass Public Gathering	*Govt CEO					NTSB,FBI
Mutual Aid Response	Emerg. Mgt			252		
Oil Spill Waterway	Fire Dept		DEP		252&29CFR 1910.120	ASCG
Power Failure	Emerg. Mgt			252	Maybe	FPL
Public Health Emergency	Health Dept			388.45	Yes	CDC
Radiological	Fire Dept		SERT&DEP	252	Maybe	
Red Tide	Gen. Svcs					Health Dept
Subsidence	Utilities					
Terrorist	SSO/PD		SERT	PDJ-29 &252	Yes	DOJ,FBI, BATE
Tornado	Emerg. Mgt		SERT	All	252	
Urban Fire	Fire Dept		DOF		252	Maybe
VIP Visitation	SSO/PD	SERT	SERT			FBI,Secret Svs
Wildland Fire	Fire Dept		DOF	252	Maybe	

*LSE=Local State of Emergency Declaration

*ARC & TSA=The American Red Cross & The Salvation Army

*Govt. CEO=Responsible County or Municipal Chief Executive Officer

(Mar 98)

- **INTERGOVERNMENTAL MUTUAL AID**

Mutual aid agreements and memoranda of understanding are essential components of emergency management planning, response and recovery activities. These agreements provide reciprocal emergency aid and assistance during an emergency/ disaster. They can increase available resources and improve response and recovery efforts.

The Statewide Mutual Aid Agreement for Disaster Response and Recovery of which Sarasota County is a participant, encourages the requesting county or political subdivision to submit a written request for mutual aid through FDEM or the Assisting Party (See "Memoranda" for copy of the State Agreement).

If the disaster is of major or catastrophic classification, Sarasota County EM will contact FDEM who in turn will contact FEMA, Region IV to request a FEMA Liaison or alert them that the Governor will be submitting a formal request for federal assistance.

If the President authorizes federal assistance, he appoints a Federal Coordinating Officer (F.O.). The F.O. is authorized to use the full authority of the Stafford Act and to reimburse response and recovery claims against the Disaster Relief Fund.

- **DISASTER FIELD OFFICE (DFO)**

Following a major or catastrophic disaster that exceeds the County's ability to respond, in which the Emergency or Major Disaster Declaration is granted by the President, federal assistance to disaster victims becomes available under three program areas: Individual Assistance, Public Assistance, and Hazard Mitigation. The administration of these programs is coordinated through a joint federal/state effort in a DFO, which is usually located in the impacted area.

The Recovery Manager reports directly to the DSCO and is responsible for information flow and coordination of all state activities pursuant to the Individual Assistance, Public Assistance and Hazard Mitigation Assistance Programs.

The Individual Assistance Officer, Public Assistance Officer, and Hazard Mitigation Officer report directly to the Recovery Manager and are responsible for the coordination of State activities within their respective programs.

Pre-designated Disaster Field offices are located at the following locations:

Sarasota County Administration Center
1660 Ringling Blvd
Sarasota, FL.

Sarasota City Community Center
717 North Tamiami Trail
Sarasota, FL.

Venice Community Center
326 Nokomis Av., South
Venice, FL.

North Port Community Center
301 North Port Blvd.
North Port, FL.

Longboat Key City Hall
501 Bay Isles Rd.
Longboat Key, FL.

- **COMMUNICATIONS**

The Sarasota County Sheriffs Office operates a 24-hour emergency consolidated communications center (CCC) at the EOC. This center, the "911" Telecommunications area, provides the county with a single communications point to:

Disseminate warnings to federal, state and local government officials, and general public of potential or developing emergencies by all available methods (see SOP #5); and

Continually monitor and assess all available emergency situation data/information and coordinate dissemination of warnings when such information indicates a hazardous situation may threaten the public's property, health or safety.

Developing or existing emergency conditions which should be reported to the SWP involve those that have or may result in multiple loss of life, environmental or property damage, or evacuation of a populated area whether or not state or federal resources are needed to support local emergency response efforts.

The **SWP** is equipped with multiple communication networks composed of federal, state and local emergency management systems. The primary communication system operative through the SWP prior to, during or after an emergency is the State of Florida's **AIN/CENTRANET** telephone network. **AIN/CENTRANET** is a commercial carrier telephone service operated by the state.

The **Emergency Satellite Communications (ESATCOM) System** is a back-up dedicated voice and data system that links the SWP with each County Warning Point, the six National Weather Service offices, the 14 Emergency Broadcast System Control Stations, the three Fixed Nuclear Facilities, the South Florida Water Management District, and the Department of Military Affairs. Portable units may be utilized to support Forward SERT, DFO and other field communications requirements. This alternate system is used to transmit, receive, and coordinate emergency information.

In the event of a nuclear power plant emergency, the primary communication system is the **Hot Ring Down (HRD) System**. HRD provides the primary means of communications among the nuclear power plants, the SWP, the Department of Health and Rehabilitative Services (DHRS) and the risk counties. Sarasota County would rely on the ESATCOM system for its primary communications contact in the event of such an event which would affect Sarasota County.

Notification and Warning;

Procedures for warning require timely information dissemination to two audiences: public officials and organizations, and the general public. During normal business hours (Monday-Friday, 8:00a.m. - 5:00p.m.). The Emergency Management is the primary center for receiving warnings. During non-business hours the Consolidated Communications Center (CCC) is the warning point.

Both the Emergency Management office and the CCC have adequate communications capabilities to receive information from all relevant sources, back-up power, and sufficient elevation and wind protection to withstand category 5 hurricanes or other

hazards.

Warnings may be received by the following means: ESATCOM, GTE Weather Satellite Receiver, Facsimile, WSI Computer, and/or reports from Public Safety Departments and the Public.

The Emergency Management Director has the responsibility for disseminating warnings to Public officials through the use of the Government Intranet, pagers, telephone, in-house cable television or through direct contact.

Notification to Public Officials will be governed by the type and magnitude of the disaster event. The 911 Center will notify the proper departments/agencies immediately if the situation requires an immediate response. If the situation is beyond the scope or resources of the agency(s) responding then the FOC will go from a level II (response) to Level III (full FOC activation).

During Business Hours - The Emergency Management Director will notify the proper agencies.

During Non-Business Hours - The CCC will contact the Emergency Management Director for direction and then notify the proper agencies.

Notification to the general public;

The Emergency Management Director has the responsibility for disseminating warnings to the general public via the local media or local government agencies.

The extent of the warning will be governed by the type of disaster threatening the area. For example, a severe weather warning, marine warning, or hazardous spill might be less extensive than that for a hurricane warning. Warnings to the general public are accessible via television, commercial radio, National Weather Service Alert Radio, and newspapers. In addition specific agencies such as hospitals, ALF's, schools and high hazard or flood prone areas may be notified by FAX or auto-dialer system (to predetermined areas). When necessary, Public Safety Departments may be called upon to utilize their public address systems to notify affected areas or if needed institute door-to-door notification of the public.

- **PREPAREDNESS**

Evacuation and Sheltering - As the population of the county continues to grow and congregate along the coastline, the importance of providing timely and well coordinated evacuation and sheltering efforts becomes critical. To meet this demand, the state has initiated a program that focuses on evacuation and sheltering in Florida as a statewide process. Phases I and II of the program developed two reports ("The Florida Peninsula Hurricane Evacuation Study: Preliminary Analysis, September 1993" and "The Preliminary and Phase Two Transportation Analysis, Spring 1995") which provide the data necessary to help develop approaches to specific regional, interregional and Statewide evacuation scenarios. Also, "The Statewide Emergency Shelter Plan, January 1996" and "The State of Florida Retrofit Report, September 1995" set forth policies and strategies relative to meeting shelter requirements throughout the State.

Refuges of Last Resort are defined as a situation upon which when evacuation is not possible due to insufficient warning time, traffic route saturation, etc. and citizens are trapped in the evacuation zone. Trapped citizens are instructed to use as shelter structures which offer the best chance of survival based on structure integrity, location and elevation. Current studies of Refuge of Last Resort indicate this strategy, if needed, should include identified structures which are not located in Velocity Zones and only for a Category 3 storm or less. Sarasota County has not identified any structures nor developed a policy concerning Refuge of Last Resort.

Special Needs - Sarasota County Emergency Management appoints and supports a Special Needs Task Force (SNTF). The policy recommendations and program guidance developed by the Task Force are contained in the Sarasota County EM PSN Operational Plan. Special needs include functional categories, guidance for health/medical staffing of special needs units/shelters and guidance for establishing local special needs, (See "PSN Operational Plan").

- **RESPONSE**

Municipal units of Sarasota County may call upon Emergency Management in coordination with their Municipal Director for assistance during events in which their own capabilities are overwhelmed. The County may provide assistance to municipalities, use mutual aid, if necessary or turn to the state for assistance when their capabilities are overwhelmed. As city/county operations progress, the county commission may declare a Local State of Emergency implementing local emergency authorities.

The Sarasota County Emergency Operations Center is Located at 1660 Ringling Blvd., 6th Floor. The County EOC serves as the central clearinghouse for information collection and coordination of response and recovery resources within the County, including the municipalities within Sarasota County. During a major or catastrophic emergency in Florida, non-impacted counties may also be requested to activate their EOC's. This action allows the State EOC to coordinate the delivery of intra-state mutual aid in an organized manner through the county network.

The following are the levels of activation utilized by Sarasota County Emergency Management EOC and the SEOC.

Level I - Monitoring Activation - Level I is typically a "monitoring" phase. Notification will be completed to those local/state agencies and ESF's who would need to take action as part of their everyday responsibilities. The EOC will be staffed with EM staff.

Level II - Partial Activation of EOC - This is a limited agency activation. All primary, or lead, ESF's are notified. The EOC will be staffed by EM personnel and necessary ESF's.

Level III - Full Scale Activation of EOC - In a full scale activation, all primary and support agencies under the County Emergency plan are notified. The EOC will be staffed by EM personnel and all other ESF's.

Level IV - State involvement - Level IV is a full activation of all ESF's with 24 hour staffing of the EOC. A State Response will typically be activated at this point with deployment of the SERT.

A SERT Liaison, typically a FDEM Area Coordinator or non-impacted local Emergency Management Coordinator, may be dispatched to the county(s) threatened by or experiencing an emergency or disaster. The SERT Liaison is responsible for providing an on-going assessment of the situation, technical assistance, and relaying local recommendations or resource requests to the SEOC. A SERT Liaison is also dispatched to the National Hurricane Center to serve as liaison between the SEOC and the NHC during hurricanes.

After impact of a major or catastrophic emergency, State Rapid Impact Assessment Teams (RIAT) may be deployed. These teams, logistically supported by ESF 13 (Military Support), will be deployed via aircraft or ground vehicles to assess the immediate human needs (food, water, health/medical, housing) and the operational status of vital community infrastructure (transportation, communications and utility systems). The RIAT will identify those emergency actions necessary to preserve life

and protect property in the impacted area. Other state, regional and local organizations will provide support to the RIAT in accomplishing this task. Emergency Management has identified the following two landing zones for use by the Florida National Guard for use by the Rapid Impact Assessment Team (RIAT).

Primary Landing Zone:

Sarasota County Fair Grounds

Grid map 273

North 27°20.10'

West 82° 30.56'

(Large Paved Parking lot adjacent the Sarasota County Fairgrounds, 'Robarts Arena'.)

Secondary Landing Zone:

Centennial Park

Grid map 288

North 27° 20.41'

West 82° 32.55'

(Large paved parking lot adjacent the United States Coast Guard Auxiliary Site.)

Logistical Staging Areas - For emergencies requiring major mobilization of supplies, materials, equipment and personnel prior to, during, and after the emergency, the SCO may establish a LSA in the impacted area. This LSA will receive, classify and account for emergency relief and sustainment supplies and goods, solicited by the state and, upon request, make distribution to county distribution sites within the disaster area. LSA operations will be conducted in accordance with the Operations Plan for the LSA, ("Florida National Guard and State of Florida Operational Plan for Logistical Staging Area, Fall 1995").

Forward SERT - For localized emergencies or major events that impact the state, the SCO may dispatch a Forward SERT to provide "face-to-face" intergovernmental response coordination. Once the Forward SERT is operational, those counties under its responsibility will no longer submit resource requests to the SEOC. The Forward SERT will manage and coordinate all state resources within the boundaries under its responsibility. It may also control LSAs established to serve its jurisdictional area. However, in situations where a Forward SERT is not warranted, the staging area operates under the control of the SEOC.

Disaster Field Office - The DFO is the primary field location for the coordination of federal and state long-term recovery operations. The Federal Coordinating Officer (FCO) and the State Coordinating Officer (SCO) will co-locate in the Disaster Field Office (DFO), as will other federal and state essential personnel. Long-term recovery operations, logistics, information and planning, financial management and general administration are coordinated at the Disaster Field Office.

- **RECOVERY**

When the **Sarasota Emergency Operations Center** is activated to respond to an emergency/disaster the components of the Sarasota County CEMP, Incident Command Structure are placed into operation as needed. When the EOC transitions from a response to a recovery mode, the focus of the County's responsibilities also changes. Incident documentation is the responsibility of the involved Departments and Agencies. Much of the responsibility to collect this information is assigned to the Risk Management Department.(ICS Finance Section leader).

Disaster assistance guidance to mitigate losses is provided to all County Government Departments and Agencies VIA the Sarasota County Government 'Intranet' located in the Personnel Directory under Risk Management/Insurance. This directory contains information and directives regarding payroll, claims, and current FEMA equipment rates relating to recovery activities.

When the **State Emergency Operations Center** is activated for response to an emergency/disaster, a recovery and mitigation component is activated as well. The purpose of which is to initiate a host of activities necessary to ensure a successful recovery effort (i.e., condition monitoring, situation evaluation, identification of recovery center sites, recovery center managers, damage assessment teams, deployment of damage assessment teams, identification of hazard mitigation issues, etc.).

THE SEQUENCE OF RECOVERY EVENTS ARE AS FOLLOWS:

Sarasota County performs an initial damage survey and assessment.

A request for federal disaster assistance will be predicated on the results of a damage assessment. After the initial damage assessment is conducted by local government and reported to the SEOC via the impacted county, a joint local/state preliminary damage assessment (PDA) may be scheduled that could include FEMA. This PDA validates the local data and is the basis for requesting a Presidential Disaster Declaration. Other participating federal agencies in the assessment process include the Small Business Administration (SBA) and Natural Resource Conservation Service (NRCS) [This process is described in 44 CFR, Part 206, Subpart B - The Declaration Process and other FEMA and state policies and procedures].

Once the President has issued a disaster declaration, **Recovery Centers** will be established to provide information and assistance to disaster victims in applying for disaster programs.

A **Presidential Disaster Declaration** initiates a process that begins with applicants filing a Notice of Interest (NOI) at an applicant's briefing, which is publicized through the media and telephone calls to county emergency management directors.

The State serves as the grantee and the applicants are subgrantees under the federal disaster assistance program, with all reimbursements coming through the Department of Community Affairs (DCA).

FDEM oversees Documentation, record keeping, inspections, and final close-out.

Non-presidential or agency declarations can provide some disaster assistance through the Department of Agriculture, the NRCS, and other Federal Agencies. The Governor or the Legislature may authorize other assistance declarations to local government, based upon a declared emergency.

TAB 5

TAB - 5 GOVERNMENT

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GOVERNMENT - Tab 5

- **DESCRIPTION**

Government is responsible for the development and implementation of emergency management programs and initiatives designed to avoid, reduce and mitigate the effects of hazards through the enforcement of policies, standards and regulations.

The Sarasota County Board of County Commissioners is responsible for the promulgation of this Plan; for the protection of life and property within its jurisdiction; for mutual assistance among incorporated municipalities of Sarasota County and with bordering counties for continuance of all government functions required for emergency action in the event of impending or actual natural disaster, or other man-made disaster and; for a continuing program to inform the public on the elements of personal survival.

The Emergency Management Director is the County Emergency Management Coordinator and is directly responsible to the Board of County Commissioners for the coordination of all services and resources in Sarasota County when effecting disaster relief operations. He is responsible for the development of the Comprehensive Emergency Management Plan jointly between the County Government, municipal governments, Salvation Army and the American Red Cross in the interest of close cooperation and integrity of purpose for the public good.

All County and Municipal Governmental Departments and agencies are responsible for developing in necessary plans and organization and performing such functions as may be required to effectively cope with and recover from, any natural disaster affecting their respective areas of responsibility. In addition to their normal daily functions, local government departments and agencies are assigned emergency related responsibility.

Additional specific responsibilities either accepted by or assigned to these departments or agencies and which are applicable during Natural Disaster, shall be carried out in a timely manner.

County government is responsible for:

Developing an emergency management operation at the County level involving all government, private and volunteer organizations which have responsibilities in the comprehensive emergency management system within the County.

Support of the emergency management needs of all municipalities within the County and establishment of intra-county mutual aid agreements to render emergency assistance.

Implementation of a broad-based public awareness, education and information program designed to reach all citizens of the county, including those needing special media formats, such as telecommunication devices for the deaf (TDD) or other considerations for non-English speaking residents.

Execution of mutual aid agreements within the state for reciprocal emergency aid and assistance in the event of emergencies beyond the County's capability.

Maintenance of cost and expenditure reports associated with disasters, including resources mobilized as a result of mutual aid agreements.

The Sarasota County Commission is responsible for the safety and protection of the people and property located within its political jurisdiction.

The Emergency Management Director, will be responsible to determine if and when mass feeding sites will be opened.

Robarts Sports Facility (Fair Grounds) will be the primary site for receiving of supplies and equipment.

Most County Departments have emergency functions in addition to their normal duties. Each department is responsible for developing and maintaining their own emergency management procedures.

Emergency Management:

Shall establish a severe weather and warning dissemination system;

Shall establish and maintain a County Emergency Operations Center;

Shall maintain and update Emergency Management Plans.

Sarasota County is a Home Rule Charter County Government and under normal conditions has a County Administrator who reports directly to the Board of County Commissioners. Department Heads and the Emergency Management Director report to the County Administrator. During times of emergency and/or the staffing of the EOC to level I, II, III or IV, the Emergency Management Director, per F.S. 252 reports directly to the Chairman of the County Commissioners. There are four municipalities in Sarasota County.

Local requests for Federal assistance will be made through normal Emergency Management channels. The resources of all State Agencies are considered to be available to support emergency operations at the County and Municipal level in minimizing the effects of natural disasters. Such additional assistance will be requested through normal channels.

- **ACTIVATION OF EMERGENCY OPERATIONS CENTER**

County emergency response actions may be undertaken with or without activation of municipal Emergency Operations Centers in those Disaster Preparedness areas affected by the disaster. The County's Emergency Operations Center will be activated under the direction of the Emergency Management Director with the concurrence of the Chairman of the Board of County Commissioners.

The **Increased Readiness Procedures** will be implemented by the Emergency Management Director at the threat of an impending disaster (See Attached Charts). The procedures are detailed in the enclosed . These actions will be followed as closely as possible depending upon the length of the warning period.

Alternate EOC Site #1 - In the event that the County's primary EOC becomes uninhabitable, Emergency operations will re-locate to the County Administrative Center Building located at 101 South Washington Blvd and continue operations from that location. This location houses a fully operational alternate 911 telephone and consolidated communications back-up center.

Alternate EOC Site #2 - In the event that the County's Alternate Site #1 EOC becomes uninhabitable, emergency operations will re-locate to the American Red Cross Building, located at 2001 Cantu Court and continue operations from that location.

The Sarasota County communications trailer is pre-positioned at this alternate location, a tower is operational on the EM radio frequency, the 800 MHz intergovernmental radio communications network and the FAX machine and telephone system would be available for use by the Department.

- **CONTINUITY OF GOVERNMENT**

Continuity of Government (COG) is an essential function of emergency management and is vital during an emergency/disaster situation. All levels of government (federal, state, and local) share a constitutional responsibility to preserve the life and property of its citizenry. State and local COG is defined as the preservation, maintenance, or reconstitution of the civil government's ability carry out its constitutional responsibilities. Consequently, if a unit of government is not prepared, most if not all of its critical governance ability could be severely degraded. Such a situation could create a climate that could make the jurisdiction vulnerable to anarchy, lawlessness, and chaos. COG in the State of Florida is addressed by the State Constitution, statutes, and administrative rules.

The resources of all County and Municipal governmental departments and agencies are considered to be available at the County and/or Municipal level in minimizing the effects of natural Disaster; these resources will be supplemented, as determined by necessity and availability, by voluntary assistance from:

Adjoining counties;

Private business and industry;

All other groups and individuals.

Any additional assistance required at any level will be requested through the Emergency Management Director of Sarasota County.

- **LEVELS OF GOVERNMENT**

- Chapter No. 252, Florida Statutes, "State Emergency Management Act".
- Current Governor's Executive Order (Emergency Management).
- Adjoining counties.
- Private business and industry.
- All other groups or individuals.
- State and Federal Agencies.

Any additional assistance required at any level will be requested through the Emergency Management.

- **VOLUNTARY ORGANIZATIONS, OTHER ORGANIZATIONS AND PRIVATE INDUSTRY**

Coordinate with government agencies to ensure a broad and comprehensive coverage of assistance and relief during emergencies.

Provide and coordinate relief not provided by government on a complementary and supplementary basis.

Develop mutual aid agreements and memoranda of understanding of duties and areas of responsibility to be performed during emergencies. Sarasota County has an agreement with the Sarasota County VOAD to participate during times of need to coordinate disaster responses.

- **DELEGATION OF EMERGENCY AUTHORITY**

Chapter 252, Florida Statutes, provides emergency management powers to the Governor and authorizes him to delegate emergency responsibilities to the officers and agencies of the state. Other statutes related to the emergency authorities of the Governor are §14.02, §14.021, and §14.022, F.S.

Chapter 20.05(1)(b), Florida Statutes, authorizes each head of a department to delegate powers, duties, and functions within the department. Chapter 23, Florida Statutes, has recently been amended to provide for better coordination of law enforcement activities during emergencies.

The Chairman of the Board of County Commissioners or his authorized representative shall:

Staff the Sarasota County Emergency Operations Center;

Conduct emergency planning meetings of Department heads as required;

Based on the type of emergency and anticipated or actual effects, determine the emergency operating forces required and issue the necessary implementing directions.

The Sarasota County Administrator shall:

Staff the Sarasota County Emergency Operations Center;

Coordinate the activities of all Deputy County Administrators and Department Heads as required.

The Deputy County Administrators shall:

Staff the Sarasota County Emergency Operations Center;

Coordinate the activities of their respective Department heads as required.

The Sarasota County Attorney shall:

Staff the Sarasota County Emergency Operations Center;

Provide legal counsel to the Sarasota County Board of County Commissioners as required during the emergency (SOP #10).

The Emergency Management Director shall:

Alert government officials, departments and agencies in accordance with the EOC Activation Procedures (SOP #12);

Begin 24-hour or immediate emergency operations at the Sarasota County Emergency Operations Center;

Exercise liaison with American Red Cross & Salvation Army;
Provide emergency information and instructions to the public in coordination with the American Red Cross & Salvation Army;

Coordinate the activities of Departments and agencies;

Establish communications with Highlands, DeSoto, Manatee, Hardee, Lee, and Charlotte Counties, and State Division of Emergency Management, if applicable;

Check all current operating County-owned and in-County communications equipment;

Report situation to Florida Division of Emergency Management.

INCREASED READINESS CHART NO. 1

ACTUAL ETA OF EYE WILL DEPEND UPON THE CHARACTERISTICS OF THE HURRICANE

PLANNING ETA OF EYE (HOURS)	DIRECTOR DEPARTMENT OF EMERGENCY MANAGEMENT	COUNTY ADMINISTRATOR AND/OR DEPUTY ADMINISTRATORS	BOARD OF COUNTY COMMISSIONERS
Level III H-72	- Alert all Department Heads, Chief Constitutional Officers, Municipal Liaison Officers, Evacuation Team Members and Commanding Officers to standby. - Review all plans, Ordinances, Florida Statutes and Governor's Executive Order related to natural disasters. - Prepare announcements for the public, including evacuation. - Convene the EOP's for evacuation. - Alert Medical Facilities of Level I being posted.	- Alert Board of County Commissioners, Elected Officials of special districts and municipalities, and Managers/Mayors, and Attorneys of municipalities to standby. - Review ordinances, Governor's Executive Order and Florida Statutes related to natural disasters. Review County Evacuation Plan. - Request authority to release public announcements. - Order Department Heads to cancel all leaves for personnel assigned duty stations.	- Standby. - Review ordinances, Governor's Executive Order and Florida Statutes related to natural disasters; Review the County Evacuation Plan. - Authorize release of public announcements for voluntary evacuation at appropriate time.
H-72 to H-48	- Continue preparation of hurricane advisories and public announcements. - Prepare Emergency Operations Center for activation. - Check all phones and radios for readiness.	- Continue normal operations but standby. - Prepare to send unassigned personnel home. - Detail County PIO Staff to EM Department until situation returns to normal.	Continue normal operations but remain on standby.
Level II H-48	- Alert Emergency Operations personnel to man the EOC. - Medical status, continue "T.A." - Post hurricane watch.	Call County Commissioners, Elected Officials and Managers/Mayors of each municipality to staff the EOC.	Chairman to call the Board at the BCC.
Level II H-46	- Chief Heads of Departments, Administrators, Commissioners, radio and telephone operators. - Review plans and procedures. - Review priority lists. - Recommend evacuation persons with special needs (PSNs).	- Staff the EOC. - Convene the Emergency Operations Center Personnel.	- Chairman to convene the Board at the BCC. - Establish priorities. - Order evacuation of Persons with Special Needs.
H-47 to H-42	- Review assignment of EOC staff. - Conduct radio call of all field units.	- Continue monitoring operations. - Order Department Heads to secure facilities.	Continue monitoring operations.
Level I H-42 to H-38	- Post Hurricane Warning. - Continue fixings of weather conditions. - Recommend that BCC orders evacuation of affected areas. - Recommend opening of shelters. - Recommend closing all bridges. - Announce orders to begin evacuation a T-30 hours.	- Carry out all orders from the Board of County Commissioners. - Order Department Heads to send unassigned personnel home. - Assign duties to Department Heads as needed.	- Order closing of all bridges to boat traffic. - Order mandatory evacuation to begin at H-30 hours. - Order the closing of all County Government offices not required for the emergency.
H-30	Announce orders to begin evacuation of affected areas.	Begin monitoring evacuation proceedings.	Begin monitoring evacuation proceedings.
H-16 to H-12	Recommend that all field and rescue units return to safe shelter.	Carry out orders from the Commissioners.	

LANDFALL ALL PERSONNEL TO REMAIN IN EOC AND OTHER SAFE STATIONS AND SHELTERS RADIO AND TELEVISION STATIONS TO CONTINUE EMERGENCY BROADCASTING

RECOVERY	- Department begins recovery. - All State and Federal Agencies to coordinate at EOC. - Request outside assistance if needed. - Commence Federal Recovery application process. - Recommend Head of Damage Assessment Teams to assess damage, injuries and loss of life.	Evaluate all field reports and make appropriate recommendations including recommendations to return people to their homes when it is safe to do so.	- Evaluate recommendations from County Administrator and issue appropriate orders. - Begin preparation for restoration of damaged public property. - Authorize deviation from bidding procedure to expedite repair and cleanup operations.

INCREASED READINESS CHART NO. 2

ACTUAL ETA OF EYE WILL DEPEND UPON THE CHARACTERISTICS OF THE HURRICANE

PLANNED ETA OF EYE (Hourly)	SUPERINTENDENT OF SCHOOLS	DIRECTOR OF TRANSIT	DIRECTOR, UTILITIES DEPARTMENT
Level III H-72	- Alert all personnel - Prepare to discharge school children - Cancel all leaves of personnel as for normal duty stations, allow time for securing their homes before returning to duty at pre-assigned times	- Alert all personnel - Cancel all leaves of personnel assigned duty stations, allow time for securing their homes before returning to duty at pre-assigned times	- Prepare to secure facilities - Alert all personnel - Cancel all leaves of personnel assigned duty stations, allow time for securing their homes before returning to duty at pre-assigned times
H-72 to H-48	- Review prepared radio and television announcements - Check designated school hurricane shelters	- Check designated school hurricane shelters - Prepare to send unassigned personnel home	- Review emergency assignments - Check facilities, supplies and equipment - Prepare to send unassigned personnel home
Level II H-48	- Continue preparations and remain on standby - Alert all personnel assigned to the EOC and hurricane shelters	- Continue preparations and remain on standby - Alert all personnel assigned to the EOC School Board transportation office	- Continue preparations and remain on standby - Alert all personnel assigned to the county and Holmes EOC
Level II H-46	- Staff the EOC - Prepare information material - Order closing of schools and send children home - Assign SCAT with special needs	- Staff the EOC and School Board - Prepare information material - Announce recommendations for early voluntary evacuation - Assign SCAT and Friendship Center buses - Provide buses to fire stations as requested	- Staff the EOC - Review plans and procedures - Check radio communications with field units
H-46 to H-42	- Review assignment of EOC Staff - Conduct radio call of all field units	- Set-up public information - Fuel all buses - Transport registered PSN's to standard shelters and special needs shelters	- Check all equipment and fuel vehicles - Test emergency pumps and generators - Brief personnel on disaster assignments - Secure facilities
Level I H-42 to H-38	- Post Hurricane Warning - Continue briefings of weather conditions - Recommend that DCC orders evacuation of affected areas - Recommend opening of shelters - Recommend closing all bridges - Announce orders to begin evacuation at 1-30 hours	- Pick up all evacuees without transportation - Continue transport of handicapped - Send unassigned personnel home	- Insure safe location of portable emergency pumps and generators - Deploy personnel and equipment - Send unassigned personnel home
H-38 to H-30	- Notify electronic news media to broadcast the order to commence evacuation of specified areas - Complete transport of infirm, handicapped, and others	Complete transport of infirm, handicapped and others	Personnel standing by
H-30 to H-12	Order all school buses to safety.	Order all buses to safety.	Order personnel and equipment to safety

**LANDFALL ALL PERSONNEL TO REMAIN IN EOC AND OTHER SAFE STATIONS AND SHELTERS
RADIO AND TELEVISION STATIONS TO CONTINUE EMERGENCY BROADCASTING**

RECOVERY	- Department begins recovery - All State and Federal Agencies to coordinate at EOC - Request outside assistance if needed - Commence Federal Recovery application process - Recommend Head of Damage Assessment Teams to assess damage, injuries and loss of life	- Disseminate recovery information by any reliable means available - Return PSN's and others to their homes and their areas are declared safe - Release SCAT and Friendship Center buses - Estimate damages to facilities and equipment - Report damages and monetary losses to the Director of Emergency Management	- Check personnel and equipment needs - Begin restoration of potable water and sanitary facilities - Provide emergency potable water - Request outside assistance as needed - Repair structures, tanks and mains - Report damages and monetary estimates to Director of Transportation Department

INCREASED READINESS CHART NO. 3

ACTUAL ETA OF EYE WILL DEPEND UPON THE CHARACTERISTICS OF THE HURRICANE

PASSING ETA OF EYE (HOURS)	(RESCUE/EMS) OPERATIONS	SHERIFF	CHIEF FIRE SERVICES
Level III H-72	1. Call all registered infirm and handicapped, determine status and place them on stand-by. 2. Prepare to secure facilities not required for emergency. 3. Alert all personnel 4. Cancel all leaves	1. Review security measures for prisoners 2. Review coordination plans among all law enforcement agencies. 3. Alert kitchen personnel to provide food for emergency operation personnel 4. Cancel all leaves for personnel assigned duty stations; allow time for securing their homes before returning to duty at pre-assigned times	1. Direct the calling of registered infirm and handicapped, determine status and place them on stand-by. 2. Alert all auxiliary personnel. 3. Cancel all leaves of personnel assigned duty stations; allow time for securing their homes before returning to duty at pre-assigned times.
H-72 to H-48	1. Continue normal operations and remain on stand-by. 2. Prepare to send unassigned personnel home	1. Place auxiliary personnel on stand-by. 2. Review emergency assignments for all personnel; review survival plans for their families. 3. Check facilities, supplies and equipment.	1. Place all auxiliary personnel on stand-by. 2. Review emergency assignments of all personnel; review survival plans for their families 3. Check facilities, supplies and equipment
Level II H-48	1. Continue normal operations and remain on stand-by. 2. Alert all personnel assigned to the LOC. 3. Telephone registered PSN's and place on alert to be moved.	1. Continue preparations and remain on stand-by. 2. Alert all personnel assigned to the EOC and hurricane shelters. 3. Detail PIO to Director for Emergency Management	1. Continue normal operations and stand-by. 2. Alert all personnel assigned to the EOC. Assign PIO to EOC. 3. Telephone registered infirm and handicapped and place on alert to be moved
Level II H-46	1. Staff the EOC. 2. Review plans and procedures.	1. Staff the EOC. 2. Review plans and procedures	1. Staff the EOC 2. Review plans and procedures.
H-46 to H-42	1. Transport registered infirm and handicapped to emergency special care center. 2. Distribute drug boxes at assigned hurricane shelters	1. Check all equipment and fuel vehicles 2. Test emergency generator 3. Check food and water 4. Brief personnel on disaster assignments	1. Check all equipment and fuel vehicles 2. Test emergency generators 3. Brief personnel on disaster assignments 4. Transport registered infirm and handicapped to emergency special care centers
Level I H-42 to H-38	1. Deploy personnel. 2. Staff hurricane shelters with appropriate EMS personnel.	1. Deploy personnel. 2. Implement evacuation warning plan. 3. Order vehicles to areas to implement evacuation orders 4. Check radio communications with field units. 5. Man hurricane shelters	1. Deploy personnel and equipment. 2. Implement warning plan. 3. Assist Sheriff with evacuation warning 4. Check radio communication with field units 5. Continue transport of infirm and handicapped.
H-38 to H-30	1. Complete transport of infirm and handicapped.	Provide traffic control on evacuation routes; direct evacuees to appropriate shelters	1. Standby for flood rescue. 2. Assist Sheriff as required during evacuations. 3. Complete transport of infirm and handicapped
H-30 to H-12	Order all ambulances to safety at shelters. Ambulance calls to be made for dire emergencies only, road, weather conditions permitting.	1. Patrol evacuated areas as resources permit. 2. Order personnel and equipment to safety.	1. Respond to emergency calls, conditions permitting. 2. Order personnel and equipment to safety

LANDFALL. ALL PERSONNEL TO REMAIN IN EOC AND OTHER SAFE STATIONS AND SHELTERS RADIO AND TELEVISION STATIONS TO CONTINUE EMERGENCY BROADCASTING

RECOVERY	1. Supervise the return of PSN's to their homes as their areas are declared safe 2. Estimate damages to facilities and equipment. 3. Report damages and monetary estimates to Chief, Fire Services 4. Request outside assistance needed	1. Check personnel and equipment needs 2. Prevent looting 3. Request outside assistance needed 4. Control access to designated area 5. Perform search and rescue operations 6. Estimate damage to facilities and equipment; report to EOC.	1. Check personnel and equipment needs 2. Respond to emergency calls 3. Perform search and rescue operations 4. Return PSN's to their homes as their areas are declared safe. 5. Estimate damages to facilities 6. Report damages and monetary estimates to Director of the Transportation Department

INCREASED READINESS CHART NO. 4

ACTUAL ETA OF FIVE WILL DEPEND UPON THE CHARACTERISTICS OF THE HURRICANE

PLANNING ETA 9-11 PM TUESDAY	DIRECTOR HEALTH DEPARTMENT	EMS MEDICAL DIRECTOR	DIRECTOR TRANSPORTATION DEPARTMENT
Level III H-72	1. Prepare to secure facilities not required for emergency. 2. Alert all personnel. 3. Cancel all leaves for personnel assigned duty stations; allow time for them to secure their homes before returning to duty at pre-assigned stations.	1. Prepare to secure facilities not required for emergency. 2. Alert all personnel. 3. Cancel all leaves for personnel assigned duty stations; allow time for them to secure their homes before returning to duty at pre-assigned stations.	1. Prepare to secure facilities not required for emergency. 2. Alert all personnel. 3. Cancel all leaves for personnel assigned duty stations; allow time for them to secure their homes before returning to duty at pre-assigned stations.
H-72 to H-48	1. Review emergency assignments of all personnel. 2. Check facilities, supplies and equipment. 3. Prepare to send unassigned personnel home.	1. Review emergency assignments of all personnel. 2. Check facilities, supplies and equipment. 3. Prepare to send unassigned personnel home.	1. Review emergency assignments of all personnel. 2. Check facilities, supplies and equipment. 3. Prepare to send unassigned personnel home. 4. Call fuel and heavy equipment contractors for status.
Level II H-48	1. Continue preparations and remain on standby. 2. Alert all personnel assigned to EOC and hurricane shelters.	1. Continue preparations and remain on standby. 2. Alert all personnel assigned to EOC and hurricane shelters.	1. Continue preparations and remain on standby. 2. Alert all personnel assigned to EOC and hurricane shelters.
Level II H-46	1. Staff the EOC. 2. Review plans and procedures.	1. Staff the EOC. 2. Review plans and procedures.	1. Staff the EOC. 2. Review plans and procedures.
H-46 to H-42	1. Check all equipment and fuel vehicles. 2. Brief all personnel on disaster assignments. 3. Set up field rest kit for water tents. 4. Secure facilities.	1. Check all equipment and fuel vehicles. 2. Brief all personnel on disaster assignments. 3. Set up field medical boxes. 4. Secure facilities.	1. Check all equipment and fuel vehicles. 2. Brief all personnel on disaster assignments. 3. Secure facilities. 4. Dispatch radio equipped vehicles to PSN dispatch center at School Board Headquarters.
Level I H-42 to H-38	1. Assist Sheriff during evacuation as required. 2. Assist Solid Waste Director and Medical Examiner as required. 3. Check radio communications with field units. 4. Establish bed availability for receiving medical evacuees at nursing homes.	1. Assist Fire Chief as required. 2. Assist Director of Health Department and Medical Examiner as required. 3. Check radio communications with field units. 4. Direct the staffing of hurricane shelters with EMS personnel.	1. Make barricades and traffic control devices available to the Sheriff. 2. Deactivate traffic signals as directed by the Sheriff. 3. Deploy personnel and equipment to School Board Transportation HQ. 4. Send unassigned personnel home.
H-38	1. Minimal staffing of Health Department Building. 2. Coordinate staffing of special needs shelter.	1. Coordinate EMS staff. 2. Establish bed availability with hospitals for medical evacuees.	Support Sheriff in evacuation proceedings as required.
H-18 to H-12	Maintain radio contact with hospitals, special care facility, nursing homes, Medical Examiner, and EMS Medical Director.	Maintain radio contact with hospitals, special care facility, nursing homes, Medical Examiner, and Director of Health Department.	Continue to support Sheriff as required for safety.

LANDFALL ALL PERSONNEL TO REMAIN IN EOC AND OTHER SAFE STATIONS AND SHELTERS RADIO AND TELEVISION STATIONS TO CONTINUE EMERGENCY BROADCASTING

RECOVERY	1. Implement assistance as outlined in plan. 2. Request outside resources as needed. 3. Maintain central referral and information center. 4. Operate water testing lab. 5. Estimate damage to Health Department facilities and equipment. 6. Report damages and monetary estimates to Director of Emergency Management.	1. Implement assistance as outlined in Plan. 2. Request outside resources as needed. 3. Report damages and monetary estimates to Director of Emergency Management.	1. Dispatch damage assessment teams. 2. Note priorities for emergency repairs. 3. Remove all debris. 4. Estimate damage to facilities. 5. Collect and report damages and monetary estimates to Director of Emergency Management.

INCREASED READINESS CHART NO. 5

ACTUAL ETA OF EYE WILL DEPEND UPON THE CHARACTERISTICS OF THE HURRICANE

ANNOUNCING ETA OF EYE (HOURS)	DIRECTOR PARKS AND RECREATION DEPARTMENT	DIRECTOR SOLID WASTE DEPARTMENT	DIRECTOR BUILDING/ZONING DEPARTMENT
Level III H-72	1. Prepare to secure facilities not required for emergency. 2. Alert all personnel. 3. Cancel all leaves for personnel assigned duty stations; allow them time to secure their homes before returning to duty at pre-assigned stations.	1. Prepare to secure facilities not required for emergency. 2. Alert all personnel. 3. Cancel all leaves for personnel assigned duty stations; allow time for them to secure their homes before returning to duty at pre-assigned stations.	1. Prepare to secure facilities not required for emergency. 2. Alert all personnel. 3. Cancel all leaves for personnel assigned duty stations; allow time for them to secure their homes before returning to duty at pre-assigned stations.
H-72 to H-48	1. Review emergency assignments of all personnel. 2. Check facilities, supplies and equipment. 3. Prepare to send unassigned personnel home.	1. Review emergency assignments of all personnel. 2. Check facilities, supplies and equipment. 3. Prepare to send unassigned personnel home.	1. Review emergency assignments of all personnel. 2. Check facilities, supplies and equipment. 3. Prepare to send unassigned personnel home.
Level II H-48	1. Continue preparations and remain on standby. 2. Alert all personnel assigned to the EOC for telephone duty.	1. Continue preparations and remain on standby. 2. Alert all personnel assigned to the EOC and Persons with Special Needs evacuation.	1. Continue preparations and remain on standby. 2. Alert all personnel assigned to the EOC and Persons with Special Needs evacuation.
Level II H-46	1. Staff the EOC. 2. Review plans and procedures.	1. Staff the EOC. 2. Review plans and procedures.	1. Staff the EOC. 2. Review plans and procedures.
H-46 to H-42	1. Check all equipment and fuel vehicles. 2. Brief personnel on disaster assignments. 3. Secure recreation and other facilities.	1. Check all equipment and fuel vehicles. 2. Brief personnel on disaster assignments. 3. Secure facilities.	1. Check all equipment and fuel vehicles. 2. Brief personnel on disaster assignments. 3. Secure facilities.
Level I H-42 to H-38	1. Assist Director of Emergency Management as required. 2. Check radio communications with field units. 3. Send unassigned personnel home.	1. Assist Sheriff as required. 2. Check radio communications with field units. 3. Assign radio equipped vehicles to SCAT for PSN evacuations. 4. Send unassigned personnel home.	1. Deploy personnel and equipment. 2. Check radio communications with field units. 3. Assign radio equipped vehicles to SCAT for PSN evacuations. 4. Send unassigned personnel home.
H-38 to H-30	Assist Director of Emergency Management as required.	1. Secure landfill. 2. Assist in the evacuation of PSN's as required.	Assist in evacuation of people with special needs as required.

**LANDFALL ALL PERSONNEL TO REMAIN IN EOC AND OTHER SAFE STATIONS AND SHELTERS
RADIO AND TELEVISION STATIONS TO CONTINUE EMERGENCY BROADCASTING**

RECOVERY	1. Check personnel and equipment needs. 2. Estimate damage to department facilities and equipment. 3. Begin cleanup and repair facilities. 4. Assist in the removal of debris. 5. Report damages and monetary estimates to Director of Transportation Department.	1. Check personnel and equipment needs. 2. Estimate damage to environmental facilities. 3. Reopen landfill. 4. Assist in removal of all debris. 5. Report damages and monetary estimate to Director of Transportation Department.	1. Check personnel and equipment needs. 2. Survey of public buildings. 3. Condemn and post unsafe structures. 4. Salvage unclaimed property. 5. Estimate damages to department facilities and equipment. 6. Report damages and monetary estimates to Director of Transportation Department.

INCREASED READINESS CHART NO. 6

ACTUAL ETA OF EYE WILL DEPEND UPON THE CHARACTERISTICS OF THE HURRICANE

PLANNING TIME OF EYE ONSET (HOURS)	LEGAL DEPARTMENT	DIRECTOR SOCIAL SERVICES	DISASTER CHAIRMAN AMERICAN RED CROSS
Level III H-72	1. Alert all City Attorneys. 2. Review all City and County ordinances, State and Federal rules, statutes and public laws related to natural disasters, and review the Sarasota County Comprehensive Peacetime Emergency Plan.	1. Prepare to secure facilities not required for emergency. 2. Alert all personnel. 3. Cancel all leaves for personnel assigned duty stations; allow time for them to secure their homes before returning to duty at pre-assigned stations.	1. Prepare to secure facilities not required for emergency. 2. Alert all personnel. 3. Cancel all leaves for personnel assigned duty stations; allow time for them to secure their homes before returning to duty at pre-assigned stations.
H-72 to H-48	1. Coordinate legal activities with City attorneys. 2. Prepare to brief County Commissioners on legal responsibilities in disaster situations.	1. Review emergency assignments of all personnel. 2. Check facilities, supplies and equipment. 3. Prepare to send unassigned personnel home.	1. Review emergency assignments of all personnel. 2. Check facilities, supplies and equipment. 3. Prepare to send unassigned personnel home.
Level II H-48	1. Continue legal advisory preparations. 2. Prepare to staff the EOC. 3. Recommend emergency ordinances as needed. 4. Prepare evacuation order for EOC action.	1. Continue preparations and remain on standby. 2. Alert personnel and VOAD assigned to evacuation responsibilities.	1. Staff the American Red Cross Chapter House. 2. Alert all personnel assigned to the EOC and hurricane shelters.
Level II H-46	1. Staff the EOC. 2. Review plans and procedures.	1. Staff the EOC. 2. Review plans and procedures.	1. Staff the EOC. 2. Review plans and procedures.
Level I H-46 to H-42	1. Provide legal counsel as required.	1. Brief personnel on disaster assignments. 2. Contact persons with special transportation needs and verify requirements. 3. Request transportation supervisor to pickup evacuees. 4. Secure facilities.	1. Check all equipment and fuel vehicles. 2. Brief personnel on disaster assignments.
H-42 to H-38	1. Provide legal counsel as required. 2. Send unassigned personnel home.	1. Notify Director of Emergency Management if problems arise. 2. Send unassigned personnel home.	1. Open and staff hurricane shelters. 2. Report shelters ready to EOC. 3. Check radio communications with field units.
H-38	Provide legal counsel as required.	Assist VOAD as required.	Receive and register evacuees at shelters.
H-46 to H-12	Provide legal counsel as required.	Staff ESF-15 in the EOC.	Coordinate shelter activity and keep EOC informed (land line or radio).

**LANDFALL: ALL PERSONNEL TO REMAIN IN EOC AND OTHER SAFE STATIONS AND SHELTERS
RADIO AND TELEVISION STATIONS TO CONTINUE EMERGENCY BROADCASTING**

RECOVERY	1. Provide legal counsel as required.	1. Check personnel and equipment. 2. Survey needs of the homeless. 3. Coordinate with appropriate agencies. 4. Estimate damage to Social Services facilities. 5. Report damages to Director of Transportation Department.	1. Implement assistance as outline in plan. 2. Prepare to discharge shelterees upon orders from the County Commissioners. 3. Prepare to secure hurricane shelters. 4. Estimate damages to facilities and equipment. 5. Report damages and monetary estimates to Director of Emergency Management.

INCREASED READINESS CHART NO. 7

ACTUAL ETA OF EYE WILL DEPEND UPON THE CHARACTERISTICS OF THE HURRICANE

EXPIRING ETA OF EYE (HOURS)	DIRECTOR GENERAL SERVICES ADMINISTRATION	COUNTY PROPERTY APPRAISER	ALL DEPARTMENTS NOT SPECIFICALLY ASSIGNED
Level III H-72	1. Prepare to secure facilities not required for emergency. 2. Alert all personnel. 3. Cancel all leaves for personnel assigned duty stations; allow them time to secure their homes before returning to duty at pre-assigned stations. 4. Check emergency generator fuel supply.	1. Prepare to secure facilities not required for emergency. 2. Alert all personnel. 3. Cancel all leaves for personnel assigned duty stations; allow time for them to secure their homes before returning to duty at pre-assigned stations.	1. Prepare to secure facilities not required for emergency. 2. Alert all personnel. 3. Continue normal operations.
H-72 to H-48	1. Review emergency assignments of all personnel. 2. Check facilities, supplies and equipment. 3. Prepare to send unassigned personnel home. 4. Test run emergency generator.	1. Review emergency assignments of all personnel. 2. Check facilities, supplies and equipment. 3. Prepare to send unassigned personnel home.	1. Continue normal operations. 2. Prepare to send unassigned personnel home.
Level II H-48	1. Continue preparations and remain on standby. 2. Alert all personnel assigned to the EOC: a) Purchasing Agent; b) Maintenance staff.	1. Continue preparations and remain on standby.	1. Continue normal operations. 2. Alert all personnel assigned to the EOC and designate drivers for the people with special needs evacuation team.
Level II H-46	1. Staff the EOC. 2. Review plans and procedures. 3. Setup and maintain housekeeping in the EOC. 4. Monitor EOC power and mechanical equipment.	1. Review damage assessment plans and procedures.	1. Continue normal operations. 2. Assign available radio equipped vehicles with drivers for the people with special needs evacuation team.
Level I H-46 to H-42	1. Check all equipment and fuel vehicles. 2. Secure facilities. 3. Brief personnel on disaster assignments. 4. Prepare costs for the EOC. 5. Maintain EOC in proper repair.	1. Check all equipment and fuel vehicles. 2. Secure facilities. 3. Brief personnel on disaster assignments.	Secure facilities and equipment.
H-42 to H-38	1. Send all unassigned personnel home. 2. Maintain EOC in proper repair.	1. Send all unassigned personnel home.	1. Send unassigned personnel home. 2. Department Heads report to County Administrator for Assignment.
H-38	Maintain EOC in proper order		
H-16 to H-12	Maintain EOC in proper order		

LANDFALL: ALL PERSONNEL TO REMAIN IN EOC AND OTHER SAFE STATIONS AND SHELTERS RADIO AND TELEVISION STATIONS TO CONTINUE EMERGENCY BROADCASTING

RECOVERY	1. Maintain EOC in proper order. 2. Estimate damage to maintenance facilities and equipment. 3. Begin cleanup and repair of facilities and equipment. 4. Report damages and monetary estimate to Director of Transportation Department.	1. Estimate damage to residential and commercial property. 2. Report damages to Board of County Commissioners and Director of Emergency Management.	1. Estimate damage to facilities and equipment. 2. Begin cleanup of facilities and equipment. 3. Report damages and monetary estimates to Director of Transportation Department.

INCREASED READINESS CHART NO. 8

ACTUAL ETA OF EYE WILL DEPEND UPON THE CHARACTERISTICS OF THE HURRICANE

PLANNING ETA H (EYE) (HOURS)	DIRECTOR MANAGEMENT INFORMATIONAL SYSTEMS		
Level III H-72	1. Prepare to secure facilities not required for emergency. 2. Alert all personnel. 3. Cancel all leaves for personnel assigned duty stations; allow time for them to secure their homes before returning to duty at pre-assigned stations.		
H-72 to H-48	1. Prepare EOC for automated support, E-mail, GIS, and telephone communications. 2. Cancel all MIS training classes. 3. Remove wall separating the EOC from the MIS training area. 4. Assign staff as the EOC historian.		
Level II H-48	1. Continue preparations and remain on standby. 2. Alert all personnel assigned to the EOC: a) GIS, b) Telephone Communications; c) LAN.		
Level II H-46	1. Staff the EOC. 2. Review plans and procedures. 3. Monitor setup and maintain automated support in the EOC.		
Level I H-46 to H-42	1. Check all equipment and fuel vehicles. 2. Brief personnel on disaster assignments. 3. Secure MIS facilities.		
H-42 to H-38	1. Maintain EOC communications in proper working order. 2. Send unassigned personnel home.		
H-30	Assist Emergency Management Director as required.		

**LANDFALL - ALL PERSONNEL TO REMAIN IN EOC AND OTHER SAFE STATIONS AND SHELTERS
RADIO AND TELEVISION STATIONS TO CONTINUE EMERGENCY BROADCASTING**

RECOVERY	1. Check personnel and equipment needs. 2. Estimate damage to department facilities and equipment. 3. Assist in cleanup. 4. Report damages and monetary estimates to the Director of Transportation Department.		

TAB 6

TAB - 6 FINANCE

FUNDING AND ACCOUNTING	6-1
REPORTS AND RECORDS	6-3
RECORDS PRESERVATION AND RESTORATION . . .	6-5

FINANCE - Tab 6

- **FUNDING AND ACCOUNTING**

Local emergency operations are funded by the budget allocation of each agency having emergency operations.

Sarasota County may allocate and expend funds as appropriate for local emergency operations.

Risk Management with the assistance of Emergency Management, Budget Department, and Finance shall insure the maintenance of complete and Accurate accounts. Complete accurate accounts of emergency expenditures and obligations including personnel and equipment costs must be maintained and reported to Risk Management. Despite the difficulty in maintaining such records in the stress of an emergency, accounts are required to identify and document funds for which no Federal reimbursement will be requested should a declaration be made and those funds eligible for reimbursement under emergency or major disaster project applications.

When Federal public assistance is provided under the Disaster Relief Act, local projects approved by the Federal Emergency Management Agency are subject to both State and Federal audit (except small projects approved under Section No. 419 of Public Law No. 100-707 which require only Federal audit).

County Departments that respond to an emergency or non emergency incident, unplanned, and unbudgeted for, and seek reimbursement through the General Fund for costs associated with the incident must do the following:

During an EOC activation all participating departments shall keep records documenting personnel and equipment costs over and above the normal work assignment. The Emergency Management Director will notify activated departments of the Emergency funding account set aside for the incident. If the emergency receives a State or Federal Emergency Declaration then those activities that qualify would be submitted to the proper authority for reimbursement through the DSR (disaster survey report) process.

If there is no declaration, all personnel and equipment costs would be submitted by the departments to Emergency Management and reviewed and authorized by the Emergency Management Director, to be submitted to Risk Management additional review for liability. After that review process the request would be sent on to the Office of Budget and Finance for approval and payment. It is expected that this process will take approximately forty five days to complete.

Departments responding to incidents that require no activation of the EOC but require funds not in that Department's budget, shall submit all documentation of the incident to Risk Management for processing. The action taken will be to review the incident for recoverable costs through insurance or through the legal process to find a third party at fault and responsible for the mitigation of the incident. Risk Management will form a review committee comprised of members from Risk Management, Budget and Finance, Emergency Management

and a representative from the requesting department. The purpose of this Committee will be to review and recommend approval to the DCA for reimbursement from the General Fund. Departments waiting for reimbursement should allow ***forty five days** to process their request.

***NOTE:** The forty five day processing period is from the time of receipt of the request until the payment is received or transferred into the requesting department's budget account.

A general outline of the reimbursement requirements of each ESF may be found in Annex I, "Emergency Support Functions" of this plan, listed in the Financial Management section of each ESF.

- **REPORTS AND RECORDS**

The planning and activation of effective disaster response requires timely and accurate reporting of information and the maintenance of records on a continuous basis. Inaccuracy of either initial or follow-up information will result in delays.

Responsibility for submitting local government reports rests with the Chief Executive of the local government.

The Emergency Management Director will request reports from relief agencies and other non-government organizations when deemed necessary.

Records of expenditures and obligations in emergency operations must be maintained by local governments employing their own record keeping procedures.

The Emergency Management Director will receive reports and maintain historical files which will provide source material for evaluations of emergency procedures.

Reporting Guidelines

Sarasota County will submit, through the Area Coordinator, consolidated reports including information from municipalities:

When the original report is transmitted electronically, it shall be followed by a written copy as soon as possible;

Suspense dates and formats for reports will be submitted in accordance with the Plan.

Initial Reports

Initial reports are the necessary basis for the Governor's decision to declare a state of disaster emergency and to request a Presidential Emergency or Disaster Declaration.

These reports determine the specific types and extent of assistance made available to the affected area.

Situation Reports

Updates giving new developments and more complete information will be forwarded in the most expeditious manner available.

Sarasota County will submit daily reports to Emergency Management summarizing the emergency response activities for that day. County reports will be consolidated with reports including municipal information and will be forwarded through the Area Coordinator.

Situation reports may also be submitted to report minor emergencies requiring special actions and any media releases for the period.

Post Emergency Reports

Sarasota County will submit post emergency reports to the Director of the Division of Emergency Management through the Area Coordinator.

The Emergency Management Director will provide reporting requirements and suspense dates. Normally, post emergency reports will be completed within three weeks following the emergency. They can be expected to address evaluations of:

The effectiveness of warning systems;

The practical application of emergency communications;

The effectiveness of communications;

The use of surplus and excess property and equipment, and facilities obtained under Federal matching fund programs;

The processing of requests for State and Federal assistance, and, in turn the assistance received at the local levels;

The effectiveness of mutual aid agreements and other understandings with regard to the assistance provided.

- **RECORDS PRESERVATION AND RESTORATION**

Record preservation and restoration is the responsibility of each element of government. Constitutional officers are responsible for the preservation and restoration of their respective records.

All levels of government must ensure protection of their records so that normal procedures may continue after the disaster. These vital records may also be necessary for the rapid recovery from the effects of a disaster. Damage to records caused from a disaster is most often the result of fire or water damage. Records can often be saved for further use by prompt salvage action. However, such action must involve methods that can be performed on site without the use of hard to acquire equipment or skilled labor.

The Clerk of the Circuit Court is responsible for all official records of the County, including those records necessary for operation during an emergency.

Essential records are backed up weekly by the Management Information Services (M.I.S.) Department of the County and kept off-site, on magnetic media. A reciprocal agreement is in effect with a local firm to store a copy of the County's records in their facility. Detailed procedures for storage and retrieval of these records are outlined in the M.I.S. Department's standard operating procedure, on file in the Department of Emergency Management (SOP #15).

TAB 7

TAB - 7 TRAINING

GENERAL	7-1
RESPONSIBILITIES	7-3

TRAINING, EXERCISE AND PUBLIC AWARENESS AND EDUCATION - Tab 7

- **GENERAL**

Training and education regarding Emergency Management are essential at both County and Municipal levels in order to minimize the loss of human life and property in the event of a natural disaster. Normal operations of County and Municipal Agencies will not meet the emergency action and coordination needed during disaster conditions. Individuals with assigned tasks under this plan must receive preparatory training and participate in exercises of the Basic Plan in order to maximize the Basic Plan's effectiveness. The goal of emergency preparedness training at all levels of government is to prepare individuals and organizations for effective and coordinated response to emergencies.

The Training and Education Officer is a member of the Sarasota County Department of Emergency Management Staff and is responsible to the Emergency Management Director for the coordination and control of the training program and personnel in a disaster.

Training Program

Emergency Management will conduct and participate in a well planned and coordinated four year cycle training exercise program. Emergency Management will test and evaluate state and local emergency functions as outlined in the Basic Plan. The exercise program will test the following:

- Emergency management will test all functions of the Emergency plan within a four year cycle. The areas to be tested and evaluated will include response and recovery;
- Emergency management will conduct three functional exercises within a four year period;
- At least one full-scale exercise will be conducted during the four year cycle. This test will exercise nearly all emergency functions. Such activities such as tabletop exercises and other activities shall serve as preparatory actions towards a full-scale exercise;
- Documentation of all participants and written reports shall be made for submittal to the proper agencies, such as FDEM, DCA, etc.;
- Following training exercises, critiques and corrective actions should address areas of weaknesses as well as strengths in the Basic Plan. Shortfalls should address areas such as planning, training, personnel, equipment and facilities.

Emergency Management will provide a minimum of 24 hours of training for emergency management personnel. Personnel with disaster related responsibilities will be offered courses and annual exercises that will support the local . The Emergency Management Director may request the Division of Emergency Management (FDEM) to assist in the development of training programs and exercises. Departments and Agencies may refer to the recommended training courses matrix to for applicable training for their

personnel (See page 7-5 Training Matrix).

Training will be provided by the County to prepare designated personnel to handle disaster responsibilities. Additional training seminars will be held by FDEM to train personnel in statewide procedures and complex operations that involve multiple agency response. A joint exercise may be held annually by FDEM to evaluate the effectiveness of emergency preparedness training.

- **RESPONSIBILITIES**

The Sarasota County Emergency Management Training and Education Manager will:

Maintain a training program, and conduct necessary training and exercises for individuals and units of County and Municipal governments and/or private organizations that provide emergency services to the community. Training programs shall include the taking of all applicable courses offered by FEMA as funding permits. Exercises shall be held on a periodic basis for the various units of the disaster response team;

Notify FDEM of any training problems and request information and assistance when necessary. Such assistance is to include training materials and personnel to conduct classes and is to be requested when local resources are inadequate to meet the need;

Have appropriate personnel attend training courses offered by Federal, State, and private organizations;

Conduct an exercise of the CEMP at least once annually. Upon completion of this exercise, modify procedures and training to correct the deficiencies noted;

Maintain liaison with State agencies involved in Emergency Management training programs;

Maintain records of persons who have completed training courses or participated in exercises as a resource list of trained personnel;

Maintain training records for agency personnel. Training records shall include the names of the courses taken, the number of hours for each course, the location where the course was taken, the name of the instructor, any certifications received and dates;

Participate in State level training exercises and conduct individual exercises as necessary;

Provide training advice and assistance to local governments as requested by EM;

Providing training for similar functions may be the responsibility of more than one agency. In such cases, a joint or cooperative training program should be undertaken as mutually agreed upon by the agencies involved. The Emergency Management Director will assist agencies in coordination of joint training programs. Joint training programs shall consist of a specific agency such as the Fire Services providing training to other emergency services personnel in the handling of hazardous materials that they may be exposed to. Similarly, the Sheriff will provide training for shelter personnel in the handling of unruly evacuees. Each agency shall use the training methods and materials and facilities normally used to train its own personnel;

Each emergency response agency and Emergency Support Function shall maintain their own training manuals and make them available for review by the County Training and Education Officer;

Each emergency response agency shall maintain records of responsibilities for each individual trained in emergency services;

The County Training and Education officer shall schedule at least one County wide drill per year and arrange for qualified observers to critique the drill. Evaluations will be utilized to identify areas in need of improvement.

MINIMUM EMERGENCY OPERATIONS TRAINING REQUIREMENTS & OTHER RECOMMENDED TRAINING COURSES FOR ESOs AND OTHER AGENCIES

X = Necessary Qualification Training R = Recommended	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	J	C	S	R	L
	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	E	O	C	S	S
	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	C	O	C	S	S
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17						
E = Course offered at Emergency Management Institute G = Course offered through State of Florida																							
CEMP ORIENTATION																							
Local EOC Familiarization																							
Emergency Control Officer Training																							
Liaison Officer Training																							
Local Financial Mgt Trng																							
E-202 Debris Mgmt.																							
E-104 EEMC Hurricane																							
E-273 Managing Floodplain Development																							
E-278 NFIPACS																							
E-279 Retrofitting Flood-prone Bldgs																							
E-362 Multi-Hazard Safety for Schools																							
E-388 Advanced PIO																							
E-417 CERT Train the Trainer																							
O-120 Exercise Design																							
G-130 Exercise Evaluation																							
G-191 ICS/EOC Interface																							
O-230 Intro to EOC Mgt																							
O-235 Emergency Planning																							
O-240 Basic Skills: Leadership & Influence																							
O-241 Basic Skills: Decision Making & Problem Solving																							
O-242 Basic Skills: Effective Comms																							
G-244 Developing Volunteer Resources																							
G-275 EOC Mgmt/Ops																							
G-276 Resource Management																							
O-290 Basic PIO																							
G-360 Hurricane Planning																							
G-361 Disaster Response & Recov. Ops																							
G-380 Mass Fatalities																							
G-601 Damage Assessment																							
G-606 Managing Emergency Ops																							
ARC Family And CTR																							
ARC Disaster Operations																							
ARC Damage Assessment																							
ARC Mass Care																							
ARC Family Services																							
ARC Civil Liaison Officer																							

TAB 8

TAB - 8 REFERENCES

COORDINATING PROCEDURES	8-1
SARASOTA COUNTY MEMORANDA AND LETTERS OF AGREEMENT	8-2
SARASOTA COUNTY DEPARTMENTAL AND GOVERNMENTAL SOP's	8-3
MITIGATION/RECOVERY	8-4

REFERENCES - Tab 8

- COORDINATING PROCEDURES:

1. STATE OF FLORIDA COMPREHENSIVE EMERGENCY MANAGEMENT PLAN
2. SARASOTA COUNTY HAZARDOUS MATERIALS RESPONSE PLAN
3. SARASOTA COUNTY NUCLEAR PROTECTION PLAN
4. SOUTHWEST FLORIDA EMERGENCY EVACUATION STUDY
5. SOUTHWEST FLORIDA REGIONAL CAMP FOR HAZARDOUS MATERIALS
6. U. S. COAST GUARD AREA CONTINGENCY PLAN FOR OIL AND HAZARDOUS SUBSTANCE POLLUTION RESPONSE
7. SARASOTA COUNTY PERSONS WITH SPECIAL NEEDS OPERATIONS PLAN
8. CITY OF SARASOTA PEACETIME PLAN
9. SCHOOL BOARD EMERGENCY OPERATIONS PLAN
10. SARA-MANA PURCHASING CO-OP
11. FLNG-MSCA

- **REFERENCE A:**
SARASOTA COUNTY GOVERNMENTAL MEMORANDA AND LETTERS OF AGREEMENT
- 1. STATEWIDE MUTUAL AID AGREEMENT BETWEEN THE STATE OF FLORIDA AND SARASOTA COUNTY
 - A. Mutual Aid Participant Contact List
- 2. STATEWIDE MUTUAL AID AGREEMENT BETWEEN SARASOTA COUNTY AND THE CITY OF SARASOTA
- 3. STATEWIDE MUTUAL AID AGREEMENT BETWEEN SARASOTA COUNTY AND THE CITY OF VENICE
- 4. STATEWIDE MUTUAL AID AGREEMENT BETWEEN SARASOTA COUNTY AND CITY OF LONGBOAT KEY
- 5. STATEWIDE MUTUAL AID AGREEMENT BETWEEN SARASOTA COUNTY AND THE CITY OF NORTH PORT
- 6. **LEGISLATION**
 - A. Robert T. Stafford Disaster Relief and Emergency Assistance Act
 - B. Florida Chapter 252; Emergency Management
 - C. Federal Salvation Army Memorandum of Understanding
 - D. Chapter 9G-7; Local Emergency Management Plans
 - E. Chapter 9G-6; Review of Local Emergency Management Plans
- 7. **COUNTY ORDINANCES/RESOLUTIONS**
 - A. Resolution # 91-377; Adopting the County Emergency Plan
 - B. Resolution Establishing Civil Defense Department of Sarasota County
 - C. Ordinance 91-51; Regarding the Settling of Claims Against Sarasota County
 - D. Ordinance 94-093; Regarding Provisions
- 8. **MEMORANDA/LETTERS OF AGREEMENT**
 - A. Emergency Alert System
 - B. RIAT Landing Zones
 - C. Request For Expenditure; Meals
 - D. ESF #11; Ice and Water
 - E. School Emergency Shelter Agreement
 - F. Interlocal Agreement between Sarasota County and Sarasota School Board
 - G. Copy of Sarasota County Emergency Resolution
- 9. **MISCELLANEOUS**
 - A. Sarasota County Flood Insurance Study
 - B. Forms

● **REFERENCE B:**

SARASOTA COUNTY DEPARTMENTAL AND GOVERNMENTAL SOP'S

1. ARC Disaster Service Regulations and Procedures for Shelter Operations
2. Public Safety
3. Search and Rescue
4. Evacuation
5. Communications
6. Timber Removal
7. Emergency Transportation
8. Warning Plan
9. Debris Removal
10. Legal Services
11. Waste and Waste Water Systems
12. EOC/Activation Procedures
13. PIO Hurricane Advisory's
14. Utilities Hurricane Emergency SOP
15. MIS Network Disaster Preparation and Recovery Plan
16. Sarasota County Public Health Unit Disaster Plan
17. Sarasota County Fire Department Response SOP's
 - A. Incident Command System
 - B. Severe Weather Procedures
 - C. Emergency Incident Rehabilitation
 - D. Personnel Accountability Procedure
 - E. Notification of Administrative Officers
 - F. Commercial Structure Fire
 - G. Wildland Fire
 - H. Fire in Tented Structures Being Fumigated
 - I. High-Rise Structure Fire
 - J. Residential Structure Fire
18. Sarasota County Animal Disaster Plan
19. EOC Activation and Staff Sheltering Plan

• **REFERENCE C:**

MITIGATION/RECOVERY

1. Hazard Mitigation
2. Insurance Services
3. Community Disaster Loans
4. Crisis Counseling
5. Application Procedure for Federal Public Assistance
6. Individual and Family Grant Program
7. Unemployment Assistance
8. Temporary Housing
9. Situation and Damage Assessment Expenditure Reporting
10. Welfare Services
11. Disaster Assistance Centers
12. SERT Procedures
13. Sarasota County Apoxsee
 - A. *Chapter 2: Environment*
 - B. *Chapter 3: Recreation and Open Space*
 - C. *Chapter 4: Public Facilities*
 - D. *Chapter 5: Public Buildings and Related Facilities*
 - E. *Chapter 1D: Future Land Use*
14. 44 CFR Part 13

TAB 9

TAB - 9 ANNEX I, EMERGENCY SUPPORT FUNCTIONS

- ESF 1: Transportation
- ESF 2: Communications
- ESF 3: Public Works and Engineering
- ESF 4: Fire Fighting
- ESF 5: Information and Planning
- ESF 6: Mass Care
- ESF 7: Resource Support
- ESF 8: Health and Medical Services
- ESF 9: Search and Rescue
- ESF 10: Hazardous Material
- ESF 11: Food and Water
- ESF 12: Energy
- ESF 13: Military Support
- ESF 14: Public Information
- ESF 15: Volunteers and Donations
- ESF 16: Law Enforcement and Security
- ESF 17: Animal Protection

ANNEX I

SARASOTA COUNTY

EMERGENCY SUPPORT FUNCTIONS

TRANSPORTATION EMERGENCY SUPPORT FUNCTION 1:

ICS ASSIGNMENT: Operations

Primary Agency: Sarasota County Transportation Engineering and General Services

Support Agencies: Utilities,
General Services

I. INTRODUCTION

A. Purpose

The purpose of ESF-1 is to provide, in a coordinated manner through the EOC, the human, technical, equipment, facility, and materials and supplies resources of, or obtainable by, ESF-1 agencies to support the emergency transportation needs of local, state, and federal governments and voluntary organizations during an emergency or a disaster.

B. Scope

1. The available or obtainable air, water, rail, and land transportation resources of each ESF-1 agency will be provided through ESF-1 of the EOC for:
 - a. minor emergencies or disasters that require a Level I or II activation of the EOC and minimal state and/or federal assistance;
 - b. major emergencies or disasters that require a Level III or IV activation of the EOC and a broad range of state and/or federal assistance; and
 - c. catastrophic emergencies or disasters that require a Level IV activation of the EOC and massive state and federal assistance.
2. Agency available resources are the human, technical, equipment, facility, and material and supply resources available from within an agency, or resources obtainable through agency contractors, vendors, suppliers, and agency related and known local, regional, government(s) and public or private associations and groups.

C. Policies

1. The transportation resources of, or obtainable by, ESF-1 agencies will be used to assist in the:
 - a. Evacuation of persons from threatened or immediate danger;
 - b. Monitoring, control, and coordination of vehicular traffic flow;
 - c. Provision of infrastructure status reports for all modes of transportation;
 - d. Multi-modal logistical transportation of evacuees, personnel, equipment, and materials and supplies;
 - e. Provision of maps for all modes of transportation;
 - f. Identification of obstructions and damage to the multimodal transportation infrastructure; and
 - g. Prioritization and initiation of emergency work tasking to clear debris and obstructions from, and make emergency repairs to, the multi-modal transportation infrastructure.

II. CONCEPT OF OPERATIONS

A. General

1. During an emergency or disaster, the Transportation Department will assign personnel to the ESF-1 duty schedule in the EOC.
 - a. Support agencies to ESF-1 will have previously designated personnel assigned to the duty schedule of other ESF-s in the EOC or assigned to their respective agency EOC.

- b. Therefore, ESF-1 will be available in person and by telephone, facsimile, or pager to assess and respond to transportation resource requests received by the EOC.
2. ESF-1 will proactively assess and routinely develop action plans, for submission to ESF-5, to meet the short and long term transportation needs of the threatened and/or impacted area.
3. ESF-1 will routinely prepare and file situation reports with ESF-5.
4. The transportation resource requests will be met with the available or obtainable transportation resources of one or more ESF-1 agencies, including the transportation resources available through mutual-aid agreements, compacts, and FEMA.
5. Obstructions and/or damage to the multimodal transportation infrastructure in the threatened and/or impacted area will be assessed and evaluated by ESF-1 and, as appropriate, tasked to ESF-3, Public Works and Engineering, as emergency work and emergency repair.

B. Organization

1. ESF-1 is organized and operate as a team.
2. The Transportation Department has a dual role as a coordinating agency and as a supporting agency.
3. The Transportation Department as the ESF-1 coordinating agency must ensure that through coordinated annual planning activities all ESF-1 agencies:
 - a. participate in the review and revision of the text of the Comprehensive Emergency Management Plan (CEMP) and the text of the related State Emergency Response Team (SERT) Standard Operating Procedure (SOP); and
 - b. attend and participate in ESF-1 meetings, training, conferences, and exercises.
4. Likewise, the Transportation Department must ensure that all ESF-1 agencies develop, test, and maintain manual or automated listings of:
 - a. agency emergency points of contact that are, or may need, to be contacted by agency representative(s) assigned to ESF-1;
 - b. agency available transportation resources (from within the agency) such as types of equipment and equipment operators; and
 - c. points of contact for agency obtainable transportation resources (from agency contractors, vendors, etc.) such as equipment and equipment operators.
5. The Transportation Department must coordinate ESF-1 activities within the EOC during periods of activation by:
 - a. developing and maintaining the ESF-1 duty schedule; and
 - b. coordinating the receipt, evaluation, and mission tasking of support requests from the threatened and/or impacted area.
6. All ESF-1 supporting agencies, including the Transportation Department, must ensure that:
 - a. their designated ESF-1 personnel have access to their agency's available and obtainable transportation resources; and
 - b. the committed and uncommitted status of such resources is continuously backed during an activation of the EOC.
7. As a team, all agency designated ESF-1 personnel will participate in the evaluation and mission assignment of transportation resource requests submitted to the EOC.
8. As a team, all agency designated ESF-1 personnel will support the development of situation reports and action plans for ESF-5 during activation of the EOC.

C. Notifications

1. The FOFM will notify the ESF-1 coordinating agency, the FDOI, when Sarasota County is threatened or has been impacted by an emergency or disaster event.

2. The Transportation Department designated ESF-1 coordination personnel will report to the EOC if so advised or requested by the Emergency Management Department.
3. As warranted by the scope of the impending or actual emergency, disaster, the Transportation Department coordinating personnel will notify the designated emergency operations personnel of one or more of the ESF-1 supporting agencies of the impending or actual event.
4. The designated emergency operations personnel of the ESF-1 supporting agencies notified will report to the EOC if so advised or requested by the Transportation Department ESF-1 coordinating personnel.
5. As required or deemed necessary by the notified ESF-1 supporting agencies, agency emergency operations personnel will notify their agency EOC and/or, regional, district, and local office emergency operations personnel of the impending or actual event.
6. The above notification process will be utilized if the impending or actual event requires any combination of preparedness, response, recovery, or mitigation/redevelopment activities.

D. Actions

A minor, major, or catastrophic emergency or disaster will require the ESF-1 team members on-duty in the EOC to accomplish one or more preparedness, response, recovery, and mitigation/redevelopment actions. The following listing of such actions to be accomplished can be accessed at the corresponding preparedness, response, recovery, or mitigation/redevelopment phase that the EOC is activated:

1. Preparedness Actions
 - a. Activate the "Notifications" sequence listed immediately above in paragraph C.
 - b. Assign sufficient ESF-1 team members to the ESF-1 duty schedule to allow for shift changes during the period of anticipated EOC activation.
 - c. Identify the location of the offices that will be producing the EOC situation reports and action plans.
 - d. ESF-1 team members review and as necessary utilize their agency's automated or manual listings of points of contact.
 - e. The senior Transportation Department emergency operations person present should establish contact with the County IC and preferably with our ESF-1 counterparts in the threatened or impacted area through the EOC message center, or directly by telephone or facsimile, to ascertain the current transportation situation and any anticipated transportation needs that may require EOC support.
 - f. Evaluate and task the transportation support requests generated in the EOC for the threatened and/or impacted area.
 - g. Anticipate, plan for, and ready the notification systems to support local voluntary evacuation(s), local declaration(s) of emergency, and local mandatory evacuation(s), to include, the lockdown of state bridges, suspension of state construction and maintenance, activation of state one-way plan(s), and the lifting of state tolls on/in/for evacuation routes.
 - h. Note matters that may be needed for inclusion in EOC briefings, EOC situation reports and/or the ESF-1 action plans.
 - i. Ensure that on-duty ESF-1 team members log-in and log-out on the ESF-1 duty schedule and that team members or their agencies maintain other appropriate records of costs incurred during the event.
 - j. Evaluate the probability and timeperiod of a response phase and/or a recovery phase for this event.
2. Response Actions
 - a. Evaluate and task the transportation support requests for threatened and/or impacted areas

- b. Anticipate, plan for, and ready the necessary notification systems to support the state deploying RIAT(s), Forward Strike Team(s), RRT(s), Preliminary DAT(s), DAT(s), and DSRT(s).
 - c. Anticipate, plan for, and ready the necessary notification systems to support the requests and directives resulting from the Governor declaring a state emergency and/or the Governor requesting a federal emergency and/or disaster declaration. Probable requests and directives include deployment of Strike Teams, mutual aid teams, and other state and/or federal emergency work personnel.
 - d. Note matters that may be needed for inclusion in EOC briefings, EOC situation reports and/or the ESF-1 action plans.
 - e. Generate EOC situation reports and ESF-1 action plans in a timely manner.
 - f. Ensure that sufficient ESF-1 team members are assigned to the ESF-1 duty schedule to allow for shift changes during the period of anticipated EOC activation.
 - g. Ensure that on-duty ESF-1 team members login and logout on the ESF-1 duty schedule and that team members or their agencies maintain other appropriate records of costs incurred during the event.
 - h. Evaluate the probability and timeperiod of a recovery phase for this event. If a recovery phase is probable, start pre-planning for recovery actions.
3. Recovery Actions
- a. Evaluate and task the transportation support requests for impacted areas.
 - b. Note matters that may be needed for inclusion in EOC briefings, EOC situation reports and/or the ESF-1 action plans.
 - c. Anticipate, plan for, and ready the necessary notification systems to support the establishment of staging areas, depots and distribution sites, DFO(s), DAC(s), JIC(s) and other local, state, and federal recovery facilities in the impacted area.
 - d. Anticipate, plan for, and ready the necessary notification systems to support the deployment of Strike Teams, mutual aid teams, and other state and/or federal emergency work teams and activities in the impacted area.
 - e. Anticipate and plan for the arrival of and coordination with FEMA ESF-1 personnel in the EOC and Forward SERT.
 - f. Generate EOC situation reports and ESF-1 action plans in a timely manner.
 - g. Ensure that sufficient ESF-1 team members are assigned to the ESF-1 duty schedule to allow for shift changes during the period of anticipated EOC activation.
 - h. Ensure that on-duty ESF-1 team members log-in and log-out on the ESF-1 duty schedule and that team members or their agencies maintain other appropriate records of costs incurred during the event.
 - i. Seek information concerning the projected date the EOC will deactivate.
4. Mitigation/Redevelopment Actions
- a. Anticipate, plan for, and ready the necessary notification systems to provide transportation related in-kind or matching professional, technical, and administrative support for mitigation and/or redevelopment activities that may begin before and continue for several months after the SFOC deactivates.
 - b. Anticipate, plan for, and ready the necessary notification systems to support the requests and directives resulting from the Governor and/or FEMA concerning mitigation and/or redevelopment activities. Probable requests and directives include establishment of review and study teams, support of local government contracting for mitigation and/or redevelopment

- c. Note matters that may be needed for inclusion in agency or state/federal briefings, situation reports and action plans.
 - d. Evaluate the probability and time period of a mitigation and/or redevelopment phase for this event. If a mitigation and/or redevelopment phase is probable, start pre-planning actions with agency, state, and/or federal officials.
- E. **Direction and Control**
Any combination of the following is applicable to any natural or technological emergency or disaster event, in or out of the State of Florida, for which the EOC may be activated to coordinate the provision of state agency(ies) assistance or support:
1. **Agencies' Emergency Operations Centers (EOCs):** Most ESF-1 agencies have an "internal" emergency response mission as well as being a primary or support agency for one or more EOC ESFs other than ESF-1. To manage their "internal" missions, and the EOC missions assigned to an agency by ESF-1 or other EOC ESFs, most ESF-1 agencies have a "central" EOC and many have EOCs at various levels below their "central" EOC. ESF-1 agencies use their EOCs as a "clearing house" for both "internal" and EOC missions. ESF-1 agency EOCs "track" assigned missions, resources committed, resources available, needed support for resources committed, needed contracts and contractors, and many other matters necessary for an effective emergency operations activity.
 2. **EOC Mission Assignments:** The EOC receives and processes requests for ESF-1 assistance from County Departments and other EOC ESFs. When ESF-1 receives such requests, they are reviewed, apparent issues resolved with the requester, and all or part of the requests may be assigned as "missions" to the ESF-1 agency that has the most appropriate resource(s) to accomplish. The most appropriate resource(s) consideration includes same/similar resource(s) already committed, availability of same/similar resource(s), location of resource(s), and other such matters to ensure no single ESF-1 agency is tasked more than other ESF-1 agencies. Balanced "mission" tasking of ESF-1 agencies also maximizes the types, quantities, and locations of the remaining "pool" of ESF available resources for subsequent requests received by the EOC during the remainder of the event.
 3. **Mutual Aid:** The primary and several support agencies for ESF-1 may provide agency personnel and/or equipment, or request the same, for any activation of a intrastate or interstate mutual aid agreement or compact in which such agencies individually, or collectively as state agencies, are designated as a responding and/or requesting entity. Since activation of mutual aid agreements or compacts may occur early in an event, activation of mutual aid agreements or compacts is noted in the ESF-1 Response Actions above, in II.D.2., as an activity to anticipate, plan for, and ready notification systems for in the first hours of an event.
 4. **Preliminary Damage Assessment Teams (PDATs):** The primary and several support agencies for ESF-1 provide agency personnel for the PDATs. Since activation of the PDATs usually occurs early in an event, activation of the PDATs is noted in the ESF-1 Response Actions above, in II.D.2., as an activity to anticipate, plan for, and ready notification systems in the first hours of an event. The primary agency for ESF-1 supports any consideration of combining the missions of PDATs. It should also be noted that the primary and several support agencies for ESF-1 will also have their respective agency personnel participating in "internal" agency preliminary damage assessment activities at/near the time of PDAT activities.
 5. **Damage Assessment Teams (DATs) and Damage Survey Report Teams (DSRTs):** The primary and several support agencies for ESF-1 provide agency personnel for the DATs and DSRTs to work with their FEMA counterparts in developing, writing, and reviewing damage survey reports. It should also be noted that the primary and several support agencies for ESF-1 will also have their respective agency personnel

- participating in "internal" agency damage assessment and reporting activities at/near the time of the State/LEMA IDA/ISR activities.
6. **Contracts and Contractors:** The primary and support agencies for ESF-1 understand that a resource need may arise that can best be filled by contract or through a contractor with which one or more ESF-1 agencies has knowledge of, has in the past utilized, or at the present is utilizing for that agency's internal needs.
7. **Recovery Center and Disaster Field Office Operations:** Will only have a minor support role in the establishment and operation of recovery centers and disaster field offices.
8. **Mitigation and/or Redevelopment:** ESF-1 agencies do not have budgeted nor authorized funds for mitigation or redevelopment needs that result from an emergency or disaster. Therefore, the primary and support agencies for ESF-1 can only provide (as in kind or matching) professional, technical, and administrative personnel and their use of related equipment to mitigation and redevelopment efforts that may follow an event. Such in-kind or matching resources can be used to support the review, investigation, contracting, and other professional, technical, and administrative tasks generally required for mitigation and/or redevelopment activities.
9. **Other Activities:** ESF-1 agencies may participate in event related activities other than those listed above.

III. RESPONSIBILITIES

- A. The following is the transportation equipment and facilities pool of all ESF-1 agencies from which certain and specific resources are referenced and assigned as the responsibility of each ESF-1 agency identified herein:
 1. Buses of various types and sizes, with drivers, to be used for evacuations and other logistical transportation missions;
 2. Passenger and utility vans of various types and sizes, with and with out drivers, to be used for evacuations and other logistical transportation missions;
 3. Trucks and/or trailers of various types, sizes, and combinations with drivers/operators to be used for various logistical transportation missions;
 4. Cars of various sizes, most without drivers, to be used for various logistical transportation missions;
 5. Vehicle repair facilities, equipment, and personnel to be used for repairs to various types of emergency vehicles;
 6. Fleet parking and storage areas to be used for the staging, parking, and storage of various types of emergency vehicles; and
 7. Motor pool and vehicle service facilities and personnel to be used for refueling and servicing various types of emergency vehicles;
 8. Vehicular traffic management and control signs and devices of various types.
- B. The County Transportation Department is responsible for:
 1. The coordination of all ESF-1 administrative, management, planning, training, preparedness, response, recovery, and mitigation/redevelopment activities.
 2. Assigning personnel to the ESF-1 duty schedule in the EOC.
 3. Providing all available and obtainable transportation resource support for the ESF-1 mission to include:
 - a. Transportation equipment;
 - b. Transportation facilities;
 - c. Vehicular traffic flow data and information from permanent and temporary monitoring sites;
 - d. Coordinating with the USCG and accomplishing the lockdown of County moveable bridges in a timely manner after prior notification by the EOC of the marina and residential evacuation timetable(s);

- e. Accomplishing the suspension and clearing of construction and maintenance zones in a timely manner after prior notification by the EOC of the evacuation timetable(s);
- f. Coordinating the activation of one-way plan(s) in a timely manner after prior notification by the EOC of the evacuation timetable(s);
- g. Public bus transportation passenger capacity and point of contact data by city and county;
- h. Public and private airport, airfield, heliport, seaplane base, and hospital helistop data such as location, elevation, nav-comm aids, runways, and owner-operator points of contact;
- i. Railroad transportation systems data and points of contact;
- j. Seaport data such as location, nav-comm aids, docking and cargo capability, and owner-operator points of contact;
- k. Providing ESFs in the EOC and EOC deployed teams with maps for all modes of transportation; and
- l. Providing multi-modal transportation engineering, technical, and specialty support and coordination.

IV. FINANCIAL MANAGEMENT

All disaster respondents, city/county or otherwise, who assist due to request from the EOC, must submit their preliminary reimbursement request to Sarasota County Risk Management within 15 business days of stand down orders. The final request must include the following:

- A. Salaries - Provide a schedule for all employees, the times they worked, their pay rate and matching rate, separating regular time from overtime
- B. Travel - Provide copies of the approved travel vouchers for the disaster response.
- C. Equipment - Provide a detailed description of the equipment used to assist, detailing the type and size, pump size and horsepower, where the equipment was used, number of hours per piece, per day, and type of work each piece performed. Beginning and ending engine mileage and engine hours

V. REFERENCES AND AUTHORITIES

- 1. Emergency Transportation S.O.P. #7

- B. The County Transportation Department is responsible for:
1. The coordination of all ESF-1 administrative, management, planning, training, preparedness, response, recovery, and mitigation/redevelopment activities.
 2. Assigning personnel to the ESF-1 duty schedule in the EOC.
 3. Providing all available and obtainable transportation resource support for the ESF-1 mission to include:
 - a. Transportation equipment;
 - b. Transportation facilities;
 - c. Vehicular traffic flow data and information from permanent and temporary monitoring sites;
 - d. Coordinating with the USCG and accomplishing the lockdown of County moveable bridges in a timely manner after prior notification by the EOC of the marina and residential evacuation timetable(s);
 - e. Accomplishing the suspension and clearing of construction and maintenance zones in a timely manner after prior notification by the EOC of the evacuation timetable(s);
 - f. Coordinating the activation of one-way plan(s) in a timely manner after prior notification by the EOC of the evacuation timetable(s);
 - g. Public bus transportation passenger capacity and point of contact data by city and county;
 - h. Public and private airport, airfield, heliport, seaplane base, and hospital helistop data such as location, elevation, nav-comm aids, runways, and owner-operator points of contact;
 - i. Railroad transportation systems data and points of contact;
 - j. Seaport data such as location, nav-comm aids, docking and cargo capability, and owner-operator points of contact;
 - k. Providing ESFs in the EOC and EOC deployed teams with maps for all modes of transportation; and
 - l. Providing multi modal transportation engineering, technical, and specialty support and coordination.

IV. FINANCIAL MANAGEMENT

All disaster respondents, city/county or otherwise, who assist due to request from the EOC, must submit their preliminary reimbursement request to Sarasota County Risk Management within 15 business days of stand down orders. The final request must include the following:

- A. Salaries - Provide a schedule for all employees, the times they worked, their pay rate and matching rate, separating regular time from overtime.
- B. Travel - Provide copies of the approved travel vouchers for the disaster response.
- C. Equipment - Provide a detailed description of the equipment used to assist, detailing the type and size, pump size and horsepower, where the equipment was used, number of hours per piece, per day, and type of work each piece performed. Beginning and ending engine mileage and engine hours.

V. REFERENCES AND AUTHORITIES

1. Emergency Transportation S.O.P. #7

EMERGENCY SUPPORT FUNCTION 2: COMMUNICATIONS**ICS ASSIGNMENT: LOGISTICS**

Primary Agency: Management Information Services and Emergency Management

Support Agencies: 911 Center, Emergency Management, (800 Trunked Radio System)

I. INTRODUCTION

Purpose: To assure provisions for communications support to county, response efforts before, during, and following the Governor's emergency declaration of disaster. This Emergency Support Function (ESF) will coordinate the communications assets (both equipment and services) available from local agencies, voluntary groups, the telecommunications industry, federal government agencies, and the U.S. military. ESF 2 will be the focal point of all communications activity at the County level before, during, and after activation of the Emergency Operations Center (EOC).

II. CONCEPT OF OPERATIONS

- A. General:** Under the leadership of the Emergency Management Department, representatives from each of the support and voluntary agencies will staff the EOC. The role of the primary agency will be to focus coordination and, ensure the management of combined agency efforts.
- B. Organization:** The Emergency Management Department provides the logistical leadership and management of this ESF with those identified supporting agencies providing an equal, but subordinate role for supporting ESF 2 operations.
- C. Notification:** The 911 Communications Operator/Emergency Management Director will activate the "All Call" alert paging system, notifying the primary Emergency Coordinating Officer for this ESF. MIS will provide further notification to supporting agencies, as required, through commercial telephone and computer local area networks.
- D. Actions**
 - 1. Preparedness**
 - a.** Identify communications facilities, equipment, and personnel located in, and outside, the affected area(s) that could be made available to support recovery efforts.
 - b.** Identify actual and planned actions of commercial telecommunications companies to restore services.
 - c.** Coordinate the acquisition and deployment of communications equipment, personnel, and resources to establish temporary communications capabilities within the affected area(s).
 - 2. Response**

- a. Begin accessing needs to pre-stage communications assets for rapid deployment into the affected area(s).
- b. Determine what assets are available and nearest to the affected area(s) by each ESF 2 support agency and the time frame in deploying those assets.

3. Recovery

- a. Accumulate damage information obtained from assessment teams, the telecommunications industry, the local county emergency operations center, and other city/county/state agencies and report that information through ESF 5.
- b. Assemble a listing of all state communications assets available to support a recovery mission. Other volunteer and local agencies with communications assets may be requested to contribute assets to the response effort. Industrial resources may also be considered for availability and effectiveness. Furthermore, availability, operational condition, and duration of need must be considered. The logistical requirements necessary to obtain critically needed equipment will also be evaluated.
- c. Assess the need for and obtain telecommunications industry support as required.
- d. Prioritize the deployment of services based on available resources and critical needs.
- e. Prepare and process reports using established procedures, focusing specific attention to the production of after-action reports.
- f. Coordinate communications support to all governmental, quasi-governmental and volunteer agencies as required.

4. Mitigation

This ESF provides feedback to the Emergency Management Department and all supporting County agencies and voluntary organizations concerning activities and issues that need to be addressed.

E. Direction and Control

1. Direction and control for ESF 2 is provided by the Director of the MIS Department. The Director or his/her and supervisors will manage and control the operation of this ESF to include mission assignment, mutual aid, contracts for goods and services, radiological emergencies, and recovery and mitigation activities (recovery center and disaster field office operations).

III. RESPONSIBILITIES

A. Primary Agencies- Emergency Management/MIS

1. Emergency Management- will provide a radio communications plan and logistical support.

2. The Emergency Management Department also issues disaster warnings.
3. MIS- will provide telecommunications, data circuits, computer hardware and technical support for the EOC and 911 Center. Mis will also be responsible to provide personnel to staff the Historian position in the EOC.

B. Support Agencies- 911 Consolidated Communications Center

1. Provides 24-hour continuous contact with local, state, and federal agencies.
2. The 911 Center will be the primary point of emergency communications between agencies for local and mutual aid responses.
3. The 911 Emergency Consolidated Communications Center will support the EOC Incident Commander and ESF's **EMERGENCY** dispatching needs.

IV. FINANCIAL MANAGEMENT

All disaster respondents, city/county or otherwise, who assist due to request from the EOC, must submit their preliminary reimbursement request to Sarasota County Risk Management within 15 business days of stand down orders. The final request must include the following:

- A. Salaries - Provide a schedule for all employees, the times they worked, their pay rate and matching rate, separating regular time from overtime.
- B. Travel - Provide copies of the approved travel vouchers for the disaster response.
- C. Equipment - Provide a detailed description of the equipment used to assist, detailing the type and size, pump size and horsepower, where the equipment was used, number of hours per piece, per day, and type of work each piece performed. Beginning and ending engine mileage and engine hours.

V. REFERENCES AND AUTHORITIES

- A. Warning/Communications SOP #5
- B. MIS Network Disaster Preparation & Recovery Plan SOP #15

EMERGENCY SUPPORT FUNCTION 3: PUBLIC WORKS AND ENGINEERING

ICS ASSIGNMENT: OPERATIONS

Primary Agency: Utilities Department and Transportation Engineering

Support Agencies: Division of Emergency Management

I. INTRODUCTION

A. Purpose

The purpose of ESF-3 is to provide, in a coordinated manner through the EOC, the human, technical, equipment, facility, and materials and supplies resources of, or obtainable by, ESF-3 agencies to support the public works and engineering preparedness, response, recovery, and mitigation/redevelopment needs of local, state, and federal governments and voluntary organizations during an emergency or disaster.

B. Scope

1. The available or obtainable public works and engineering resources of each ESF-3 agency will be provided for:
 - a. minor emergencies or disasters that require a Level I or II activation of the EOC and minimal state and/or federal assistance;
 - b. major emergencies or disasters that require a Level III or IV activation of the EOC and a broad range of state and/or federal assistance; and
 - c. catastrophic emergencies or disasters that require a Level IV activation of the EOC and massive state and federal assistance.
2. Agency available resources are the human, technical, equipment, facility, and material and supply resources available from within an agency.
3. Agency obtainable resources are the human, technical, equipment, facility, and materials and supplies resources obtainable through agency contractors, vendors, suppliers, and agency related and known local, state, regional, or national government(s) and public or private associations and groups.

C. Policies

1. The public works and engineering resources of, or obtainable by, ESF-3 agencies will be used to assist in the:
 - a. Emergency clearing of debris from the multi-modal transportation infrastructure;
 - b. Emergency repair or closure of damaged segments of the multi-modal transportation infrastructure;
 - c. Emergency repair and restoration of damaged but potentially operable water, electrical, natural gas, sanitary sewage, and storm water collection, generating, and distribution systems;

- d. Emergency demolition or stabilization of damaged public and private houses, buildings and structures to facilitate search and rescue and/or the protection of public health and safety;
- e. Development and initiation of emergency collection, sorting, and disposal routes and sites for the debris cleared from all public and private property;
- f. Emergency survey and identification of the damage to transportation, water, electrical, natural gas and sewage systems;
- g. Emergency survey and identification of the damage to hazardous materials and hazardous waste generation, distribution, collection, storage, and disposal sites;
- h. Deployment and/or establishment of local mutual aid teams, staging areas, depot and distribution centers, and other such teams, activities, and facilities; and
- i. Prioritization and initiation of emergency, initial response, and short term recovery work taskings to restore, repair, and mitigate the impact of the public works and engineering needs listed immediately above in a. through h.

II. CONCEPT OF OPERATIONS

A. General

- 1. During an emergency or disaster, the designated personnel to the ESF-3 duty schedule in the EOC.
 - a. Support agencies to ESF-3 will have previously designated personnel assigned to the duty schedule of other ESFs in the EOC or assigned to their respective agency.
 - b. Therefore, the ESF-3 team will be available in person and by telephone, facsimile, or pager to assess and respond to public works and engineering resource requests received by the EOC from the threatened and/or impacted area for preparedness, response, recovery, and mitigation/redevelopment activities.
- 2. ESF-3 will proactively assess and routinely develop action plans, for submission to ESF-5, to meet the short and long term public works and engineering needs of the threatened and/or impacted area.
- 3. ESF-3 will routinely prepare and file situation reports with ESF-5.
- 4. The public works and engineering resource requests will be met with the available or obtainable public works and engineering resources of one or more ESF-3 agencies, including the public works and engineering resources available through mutual-aid agreements, compacts, and FEMA.
- 5. Obstructions and/or damage to the public works infrastructure in the threatened and/or impacted area will be assessed and evaluated by the ESF-3 team and, as appropriate, tasked to ESF-3 agencies as emergency, initial response, and short term recovery restoration and repair work.

B. Organization

- 1. ESF-3 will be organized and operate as a team.

2. ESF 3 will participate in the review and revision of this ESF-3 text, the Basic Plan and Standard Operating Procedures (SOP); and attend and participate in ESF-3 meetings, training, conferences, and exercises.
3. Likewise, all ESF-3 agencies develop, test, and maintain manual or automated listings of:
 - a. agency emergency points of contact that are, or may need, to be contacted by agency representative(s) assigned to ESF-3;
 - b. agency available public works and engineering resources (from within the agency) such as types of equipment and equipment operators; and
 - c. points of contact for agency obtainable public works and engineering resources (from agency contractors, vendors, etc.) such as equipment and equipment operators.
4. Similarly, ESF-3 must coordinate activities within the EOC during periods of activation by:
 - a. developing and maintaining the ESF-3 duty schedule;
 - b. coordinating the receipt, evaluation, and mission tasking of support requests from the threatened and/or impacted area; and
 - c. ensuring that situation reports and action plans are developed and submitted to ESF-5.
5. All ESF-3 supporting agencies, must ensure that:
 - a. their designated ESF-3 personnel have access to their agency's available and obtainable public works and engineering resources; and
 - b. the committed and uncommitted status of such resources is continuously tracked during an activation of the EOC.
7. As a team, all agency designated ESF-3 personnel will participate in the evaluation and mission assignments of public works and engineering resource requests submitted to the EOC.

C. Notifications

1. The EM will notify the ESF-3 lead agency, when an activation of Sarasota County is imminent or has been impacted by an emergency or disaster event.
2. ESF-3 coordination personnel will report to the EOC if so advised or requested by Sarasota County Emergency Management.
3. As warranted by the scope of the impending or actual emergency, disaster, the coordinating personnel will notify the designated emergency operations personnel of one or more of the ESF-3 supporting agencies of the impending or actual event.
4. The designated emergency operations personnel of the ESF-3 supporting agencies notified will report to the EOC if so advised or requested by coordinating personnel.
5. As required or deemed necessary by the notified ESF-3 supporting agencies, agency emergency operations personnel will notify their local office of the impending or actual event.
6. The above notification process will be utilized if the impending or actual event requires any combination of preparedness, response, recovery, or mitigation/redevelopment activities.

D. Actions

A minor, major, or catastrophic emergency or disaster may require ESF-3 agencies to accomplish one or more preparedness, response, and recovery actions.

The following listing of such actions to be accomplished can be accessed at the corresponding preparedness, response, or recovery phase that the EOC is activated:

1. Preparedness Actions
 - a. Activate the "Notifications" sequence immediately.
 - b. Assign sufficient ESF-3 team members to the ESF-3 duty schedule to allow for shift changes during the period of anticipated EOC activation.
 - c. Identify the location of the offices that will be producing the EOC situation reports and action plans.
 - d. ESF-3 team members review and as necessary utilize their department's automated or manual listings of points of contact.
 - e. The senior emergency operations person should be present in the EOC, to ascertain the current and any anticipated public works and engineering needs that may require EOC support.
 - f. Evaluate and task the public works and engineering support requests for the threatened and/or impacted area.
 - g. Anticipate, plan for, and ready the notification systems to support local voluntary evacuation(s), local declaration(s) of emergency, and local mandatory evacuation(s), to include, the impact of such local actions on the ingress into the threatened and/or impacted area by the emergency and initial response public works and engineering personnel, equipment, and supplies.
 - h. Note matters that may be needed for inclusion in EOC briefings, EOC situation reports and/or the ESF-3 action plans.
 - i. Ensure that on-duty ESF-3 team members log-in and log-out on the ESF-3 duty schedule and that team members or their agencies maintain other appropriate records of costs incurred during the event.
 - j. Evaluate the probability and time period of a response phase and/or a recovery phase for this event.
2. Response Actions
 - a. Evaluate and task the public works and engineering support requests for the threatened and/or impacted area.
 - b. Anticipate, plan for, and ready the necessary notification systems to provide public works and engineering state support deployment.
 - c. Anticipate, plan for, and ready the necessary notification systems to support the requests and directives resulting from the Governor declaring a state emergency or disaster declaration.
 - d. Note matters that may be needed for inclusion in EOC briefings, EOC situation reports and/or the ESF-3 action plans.
 - e. Generate EOC situation reports and ESF-3 action plans in a timely manner.

- f. Ensure that sufficient ESF-3 team members are assigned to the ESF-3 duty schedule to allow for shift changes during the period of anticipated EOC activation.
 - g. Ensure that on-duty ESF-3 team members login and logout on the ESF-3 duty schedule and that team members or their agencies maintain other appropriate records of costs incurred during the event.
 - h. Evaluate the probability and time period of a recovery phase for this event. If a recovery phase is probable, start pre-planning for recovery actions.
- 3. **Recovery Actions**
 - a. Evaluate and task the public works and engineering support requests generated in the EOC for the impacted area.
 - b. Note matters that may be needed for inclusion in EOC briefings, EOC situation reports and/or the ESF-3 action plans.
 - c. Anticipate, plan for, and ready the necessary notification systems to provide public works and engineering support for the establishment of staging areas, depots and distribution sites, recovery facilities in the impacted area.
 - d. Anticipate, plan for, and ready the necessary notification systems to support the deployment of Strike Teams, mutual aid teams, and other state and/or federal emergency work teams and activities in the impacted area.
 - e. Anticipate and plan for the arrival of and coordination with FEMA ESF-3 personnel in the EOC.
 - f. Generate EOC situation reports and ESF-3 action plans in a timely manner.
 - g. Ensure that sufficient ESF-3 team members are assigned to the ESF-3 duty schedule to allow for shift changes during the period of anticipated EOC activation.
 - h. Ensure that on-duty ESF-3 team members login and logout on the ESF-3 duty schedule and that team members or their agencies maintain other appropriate records of costs incurred during the event.
 - i. Seek information concerning the projected date the EOC will deactivate.
- 4. **Mitigation/Redevelopment Actions**
 - a. Anticipate, plan for, and ready the necessary notification systems to provide public works and engineering in-kind or matching professional, technical, and administrative support for mitigation and/or redevelopment activities that may begin before and continue months after the EOC deactivates.
 - b. Anticipate, plan for, and ready the necessary notification systems to support the requests and directives resulting from the Governor and/or FEMA concerning mitigation and/or redevelopment activities. Probable requests and directives include establishment of review and study teams, support of local government contracting for mitigation and/or redevelopment needs, and other similar professional, technical, and administrative activities.

- c. Note matters that may be needed for inclusion in agency or state/federal briefings, situation reports and action plans
- d. Evaluate the probability and time period of a mitigation and/or redevelopment phase for this event. If a mitigation and/or redevelopment phase is probable, start pre-planning actions with agency, state, and/or federal officials.

III. RESPONSIBILITIES

- A. The following is the public works and engineering equipment, personnel, and facilities pool of all ESF-3 agencies from which certain and specific resources are referenced and assigned as the responsibility of each ESF-3 agency identified herein:
- 1. Trucks and/or trailers of various types, sizes, and combinations with drivers/operators;
 - 2. Front end loaders, bulldozers, and excavators of various sizes and types, to include rubber tired and tracked, with operators;
 - 3. Cranes, bucket trucks, and pole trucks of various types and sizes, with operators;
 - 4. Heavy equipment transporters, trucks, trailers, vans, and vehicles, with drivers, to transport the public works and engineering equipment, equipment support and service vehicles, and personnel listed herein;
 - 5. Electrical generators, welding machines, cutting torches and tanks, work lights, pumps with and without pipe and hose, and work boats and work barges, of various types and sizes;
 - 6. Skilled and semi-skilled carpenters, low and high voltage electricians, masons, plumbers, pipefitters, welders, general construction personnel, and debris clearing personnel, with trade safety equipment and hand and power tools;
 - 7. Public works and civil engineering engineers, technicians, specialists, managers, and supervisors;
 - 8. Mobile and non-mobile repair facilities, equipment, and personnel to be used for repairs to various types of public works and engineering equipment;
 - 9. Parking and storage areas to be used for the staging, parking, and storage of various types of public works and engineering equipment; and
 - 10. Mobile and non-mobile motor pool and service facilities, equipment, and personnel to be used for refueling and servicing various types of public works and engineering equipment.

IV. FINANCIAL MANAGEMENT

All disaster respondents, city/county or otherwise, who assist due to request from the EOC, must submit their preliminary reimbursement request to Sarasota County Risk Management within 15 business days of stand down orders. The final request must include the following:

- A. Salaries - Provide a schedule for all employees, the times they worked, their pay rate and matching rate, separating regular time from overtime.

- B. Travel - Provide copies of the approved travel vouchers for the disaster response.
- C. Equipment - Provide a detailed description of the equipment used to assist, detailing the type and size, pump size and horsepower, where the equipment was used, number of hours per piece, per day, and type of work each piece performed. Beginning and ending engine mileage and engine hours.

V. REFERENCES

- A. TIMBER REMOVAL SOP #6
- B. DEBRIS REMOVAL #9
- C. WASTE AND WASTE WATER SYSTEMS SOP #11
- D. UTILITIES HURRICANE EMERGENCY SOP #14

EMERGENCY SUPPORT FUNCTION 4: FIREFIGHTING

Primary Agency: Sarasota County Fire Department

Support Agencies: Longboat Key Fire Department, Nokomis Fire Department, Venice Fire Department, Northport Fire Department, and Englewood Fire Department

ICS ASSIGNMENT: OPERATIONS**I. INTRODUCTION**

Purpose: To provide state support to local governments and to describe the use of state resources to detect and suppress urban, rural, and wildland fires resulting from, or occurring coincidentally with a significant disaster condition or event, and to provide support for other missions as requested by a local agency.

II. CONCEPT OF OPERATIONS**A. General**

Firefighting, involves managing and coordinating firefighting support to local governments for the detection and suppression of fires, and mobilizing and providing personnel, equipment, and supplies in support of local governments or agencies and provide support for other missions as requested by a local agency.

B. Organization

The Sarasota County Fire Department is the primary agency for ESF 4. Supporting the Fire Marshal's office will be a representative from the Florida Fire Chiefs' Association and the Florida Department of Agriculture and Consumer Services, Division of Forestry, during EOC activation. Representatives from primary and support agencies will be present in the Emergency Operations Center on a 24-hour basis.

C. Notification

1. Upon notification by County Emergency Management or an actual event requiring response, the emergency contact person for the County Fire Department will notify all other ESF 4 members by telephone, pagers, or through the communications 911 center.
2. All support agency contact persons for ESF 4 will be instructed to alert their contacts throughout the state to ensure that all available resources are on standby.
3. Resource inventories will be confirmed for possible use.

D. Actions

1. **Preparedness:**
ESF 4 will utilize the resources of the County Fire Department and support Departments of Longboat Key, Venice, Northport, Englewood and Nokomis Fire Department to plan, coordinate, and mobilize the resources of Sarasota County.

2. **Response:**
 - a. Local ESF 4 resources are committed through coordination with Sarasota County Emergency Management for fire fighting resources.
 - b. Transportation to the EOC location will be the responsibility of the resource agency.
3. **Recovery:**
 - a. ESF 4 resources may be utilized for damage assessment by the damage assessment teams.
 - b. Upon request, ESF 4 will provide fire fighting personnel and resources for recovery in Sarasota County as well as for the State disaster response efforts.

III. RESPONSIBILITIES

A. Primary Agency

The Sarasota County Fire Department is the primary agency in ESF 4. As the primary agency, it coordinates with the support agencies in directing the fire fighting resources and response activities for Sarasota County Emergency Management.

B. Support Agencies

1. Longboat Key Fire Department
2. Nokomis Fire Department
3. Venice Fire Department
4. Northport Fire Department
5. Englewood Fire Department

Support agencies will assist the Sarasota County Fire Department in the coordination of activities of the event through providing support in equipment and resources in directing the fire related mitigation resources and response activities for Sarasota County Fire Department and or Emergency Management.

IV. FINANCIAL MANAGEMENT

All disaster respondents, city/county or otherwise, who assist due to request from the EOC, must submit their preliminary reimbursement request to Sarasota County Risk Management within 15 business days of stand down orders. The final request must include the following:

- A. **Salaries** - Provide a schedule for all employees, the times they worked, their pay rate and matching rate, separating regular time from overtime.
- B. **Travel** - Provide copies of the approved travel vouchers for the disaster response.
- C. **Equipment** - Provide a detailed description of the equipment used to assist, detailing the type and size, pump size and horsepower, where the equipment was used, number of hours per piece, per day, and type

of work each piece performed. Beginning and ending engine mileage and engine hours.

V. REFERENCES AND AUTHORITIES:

- A. The Florida Fire Chief's Association, "Rescue Disaster Response Plan."
- B. Sarasota County Fire Department Response Procedures
 - "A"-Incident Command System
 - "B"-Severe Weather Procedures
 - "C"-Emergency Incident Rehabilitation
 - "D"-Personnel Accountability Procedure
 - "E"-Notification of Administrative/Staff Officers
 - "F"-Commercial Structure Fire
 - "G"-Wildland Fire
 - "H"-Fires in Tented Structures Being Fumigated
 - "I"-High-Rise Structure Fire
 - "J"-Residential Structure Fire
 - "K"-Victims Assistance

EMERGENCY SUPPORT FUNCTION 5: INFORMATION AND PLANNING

Primary Agency: Emergency Management

Support Agencies: Sarasota County Fire Department, Sarasota County Sheriff's Office

ICS ASSIGNMENT: PLANS

I. INTRODUCTION

ESF 5 compiles, analyzes and coordinates overall information and planning activities in the Emergency Operations Center (EOC) in support of emergency operations.

II. CONCEPT OF OPERATIONS**A. GENERAL:**

ESF 5 collects, processes, and disseminates information to be used in the response and recovery phases of a disaster. ESF 5 acts as the common thread that binds the ESF's together by providing technical and essential background information. This information will be forwarded to the appropriate authorities through the distribution of an Incident Action Plan. ESF 5 also consolidates key information into situation and technical data reports, message form documentation and other materials; documents overall response activities and operations.

ESF 5 will coordinate with FEMA and the State to obtain and share all available information of the disaster and federal activity related to the disaster. This information will be incorporated into the situation reports.

B. ORGANIZATION:

ESF 5 is staffed by EM/Fire/Law Enforcement staff. The Information and Planning Chief manages the ESF and reports to the Incident Commander. The Information Planning Chief supervises the situation report coordinator, response planning coordinator, the displays/message board coordinator, the GIS Coordinator and the Message center. The duties performed by this staff support information flow internal and external of the EOC.

C. NOTIFICATION:

1. In the event of an emergency or disaster, the EOC/911Center will notify EM staff and in particular, the Emergency Management Director.
2. The IC will notify the Information and Plans Chief. The Information and planning officer will notify ESF 5 staff and work with the Operations Chief to establish a duty roster as needed.

D. ACTIONS:

1. Preparedness - ESF 5 will:
 - a. Maintain a trained staff to fulfill tasks associated with ESF 5 operations.
 - b. Maintain and update needed computer data and programs, maps, critical facility information, evacuation studies,

- demographics and critical county data (e.g. shelter capacity, evacuation routes, etc).
 - c. Periodically review and update procedures, forms, and proper application of information/data.
 - 2. Response - ESF 5 will:
 - a. Establish a duty roster and phone lists; set up status boards, obtain data/studies and electronic files, and staff positions as needed.
 - b. Anticipate types of response information that the IC and Section Chief's and governmental agencies will require.
 - c. Coordinate with key personnel in the field and monitor conference calls.
 - d. Provide information in support of SERT agencies, local governments, federal agencies and voluntary organizations.
 - e. Develop action plans, for 12 hour operational periods throughout the incident.
 - 3. Recovery - ESF 5 will:
 - a. Collect and process information concerning recovery activities while the response phase of the disaster is on-going.
 - b. Develop action plans to identify projected resource requirements and other anticipate operation/programs.
 - c. Anticipate types of recovery information the SERT and governmental agencies will require.
 - d. Compile information to support recovery activities.
 - 4. Mitigation - Provide assistance as requested.
- E. DIRECTION AND CONTROL:**
- 1. Policies - ESF 5 will:
 - a. Collects, processes, and disseminates essential information for use in the response and recovery phases of an emergency situation.
 - b. Consolidate key information into reports and other materials; describe and document overall response activities, and keep appropriate authorities informed of the status of the overall event operations.
 - c. Maintain displays of key information such as maps, charts, and status boards in the EOC, and electronic data, as available.
 - d. Establish a pattern of information flow in support of the action planning process initiated by the Incident Commander.
 - 2. Decision making authority
 - a. The Plans Section Chief has the authority to assign personnel, allocate resources, and expend funds to meet the responsibilities outlined for ESF 5 or to complete missions assigned to ESF 5 by the IC or Deputy IC for Response.
 - b. The Section Plans Chief will assign and designate the information and planning officers as the shift leader for ESF 5 while operating in the EOC.
 - c. As recovery operation increases and EOC Planning activities decrease, ESF 5 duties will be transferred from the Plans Chief to the Response's staff Deputy for Recovery's staff (if

operational), to produce the situation report and related materials.

3. Coordination

- a. All actions taken by ESF 5 will be guided by and coordinated with the Incident Commander, mobilized Section Chief's, and county disaster officials.
- b. As operational activities expand outside of the EOC (e.g. staging area, forward SERT), information will be reported to ESF 5.
- c. Simultaneous coordination of vital information and protective actions will be accomplished by conference calls and emergency satellite communications system (ESATCOM).

III. PRIMARY AGENCY RESPONSIBILITIES

A. Emergency Management

Collect, process, report, and display essential of information; and to facilitate support for planning efforts in EOC operations and; Synthesize findings into short and long-term plans for consideration by the IC, the Section Chief's leadership and federal representatives and; Distribute plans and reports to county, state (SERT), and federal governments representatives.

B. Support Agencies

Provide and respond personnel to support the EOC Plans section as requested.

IV. FINANCIAL MANAGEMENT

All disaster respondents, city/county or otherwise, who assist due to request from the EOC, must submit their preliminary reimbursement request to Sarasota County Risk Management within 15 business days of stand down orders. The final request must include the following:

- A. Salaries - Provide a schedule for all employees, the times they worked, their pay rate and matching rate, separating regular time from overtime.
- B. Travel - Provide copies of the approved travel vouchers for the disaster response.
- C. Equipment - Provide a detailed description of the equipment used to assist, detailing the type and size, pump size and horsepower, where the equipment was used, number of hours per piece, per day, and type of work each piece performed. Beginning and ending engine mileage and engine hours.

V. REFERENCES AND AUTHORITIES

A. SOP #12- EOC Activation

EMERGENCY SUPPORT FUNCTION 6: MASS CARE

Primary Agencies: American Red Cross, Salvation Army

Support Agencies: Southern Baptist Convention, VOAD

ICS ASSIGNMENT: LOGISTICS**I. INTRODUCTION**

The purpose of this ESF is to coordinate activities involved with the emergency provision of temporary shelters, emergency mass feeding, and the bulk distribution of coordinated relief supplies for victims of a disaster and disaster workers.

II. CONCEPT OF OPERATIONS**A. General**

1. ESF 6 has a broad scope of responsibilities which include the following:
 - a. Ensure the coordination of sheltering activities in the four phases of emergency management.
 - b. Ensure the coordination, establishment, and operation of mass feeding in impact of areas to include mobile feeding routes, fixed feeding sites, and comfort stations.
2. Lead agency personnel or designees will provide daily coordination of ESF 6 functions. This direction is limited to operation of the ESF; assignment of ESF personnel to functional responsibilities; and to ensure that requests for assistance are documented, prioritized and met. ESF 6 will establish liaison with other ESF's. Support agency personnel at times may serve as Section Chief.

B. Organization

1. Support agencies will coordinate with the lead agency. Each agency represented will become operational and direct its response in accordance with its own operating procedures.
2. In conjunction with the lead agency, support agencies will develop specific and concise agency plans that support their ESF assignments.

C. Notification

As a core ESF, Mass Care is one of the first to be notified and activated as a result of a threat, or in response, to disaster.

1. Upon the threat of a disaster, the EOC/IC will notify the lead agency ECO or designee. According to established procedures, the ECO will notify appropriate support agencies.
2. Lead and support agencies will provide sufficient personnel to staff the ESF 24 hours per day, 7 days per week as needed, when possible. Staff will be qualified persons able to facilitate decisions for the agency they represent.

D. Actions

1. Preparedness

- a. The lead agency will prepare for disaster exercises by coordinating with support agencies for their participation in exercises.
 - b. ESF 6 agencies will work with local government, and voluntary service delivery units, county emergency management agencies, school boards, and other applicable agencies in activities related to surveying the feasibility and suitability of facilities to be used as shelters utilizing ARC 3031 and ARC 4496 as guidelines.
 - c. ESF 6 will support ESF 8 in procuring and regularly updating lists of planned special needs shelters or other special needs units in existence in each county.
 - d. Maintain roster of primary contact ESF Personnel.
 - e. Work with managing agencies to ensure up-to-date shelter list is available.
 - f. Work with managing agencies to ensure up-to-date comfort station resource list is available.
 - g. ESF 6 will have, procure, and regularly update a list of all agencies (public and private) who have a mission and capability to provide mass feeding in times of disaster.
2. Response
- a. Lead and support agencies will have and maintain appropriate listings of agency staff to notify for response activities.
 - b. ESF 6 will coordinate with ESF 5 and ESF 11 regarding mass feeding sites established by the American Red Cross, Salvation Army, Southern Baptist Convention and other volunteer agencies.
 - c. Shelters will be opened and closed in accordance with public need as assessed by the managing agency and county emergency management agencies. ESF 6 will continuously monitor occupancy levels and ongoing victims' needs, and will provide the IC leader with a daily listing of "open" shelters.
 - d. The State has adopted ARC 3031 as model shelter guidelines. All shelters should be managed in accordance with these guidelines.
 - e. ESF 6 will work with local government, voluntary service delivery units, county emergency management agencies, school boards, and applicable federal agencies in activities related to surveying the suitability of facilities as shelters following a disaster.
 - f. ESF 6 will regularly update lists of available shelters.
 - g. In the operational phase, ESF 6 will support ESF 8 in compiling lists of special needs shelter.
 - h. ESF 6 will coordinate with ESF 8 to ensure people with the need for a level of care, higher than standard first aid will have their needs attended to.
 - i. ESF 6 will coordinate with ESF 8 for the provision of medical services and mental health services in shelters.
 - j. ESF 6 will coordinate with local officials to help ensure that a sufficient number of first aid trained and qualified personnel are stationed at each mass care site.

- k. ESF 6 will coordinate with ESF 2 to ensure that each shelter has a working communications system and has contact with the county Emergency Operations Center (EOC) and the managing agency. This may include radio, telephone, or cellular telephone communication devices. The American Red Cross representative in the EOC will keep ESF 6 informed about conditions at the shelters and any unmet needs regarding communications.
- l. ESF 6 will coordinate with ESF 12 for priority service restoration to mass care sites and for the acquisition of supplemental power sources.
- m. ESF 6 will coordinate with ESF 16 regarding additional security resources needed at Mass Care sites.

3. Recovery

- a. ESF 6 will coordinate with ESFs 5 and 11 to establish mass feeding sites operated by the American Red Cross, Salvation Army, Southern Baptist Convention and other volunteer agencies. The first priority of mass feeding activities will be disaster victims. Emergency workers will be encouraged to utilize established mass feeding sites in lieu of individual site distribution.
- b. ESF 6 will coordinate mass feeding locations to ensure optimal logistics for public service based on emergency needs.
- c. ESF 6 will ensure that ESFs 3 and 8 coordinate sanitation provisions and inspections and garbage removal from mass feeding sites.
- d. ESF 6 will coordinate with managing agencies for the provision of food and water to mass feeding sites. This will include procuring food from the USDA, donations and private vendors. Liaison will be established with ESFs 11 and 15 to ensure continued coordination for mass feeding.
- e. ESF 6 will assist county emergency management agencies, local American Red Cross service delivery units, Salvation Army Units, Department of Health, and the Department of Elderly Affairs in identifying pocket populations.
- f. ESF 11 will coordinate the storage and distribution of food for mass feeding sites identified and coordinated by ESF 6.

4. Mitigation

- a. ESF 6 agencies will participate in shelter deficit reduction strategies/activities and shelter demand studies.
- b. ESF 6 will work with the Florida VOAD on coordinated public education programs to reduce shelter demand.
- c. ESF 6 agencies will work with client base to encourage individual responsibility (i.e., preparedness).

E. Direction and Control

- 1. ESF 6 will be organized in a manner that ensures rapid response to the mass care needs of people affected by a disaster. Each agency assigned to the ESF will have a thorough and up to date disaster plan, which should be coordinated through the ESF's primary agency. When

activated, agencies in ESF 6 will operate under these plans and financially support their own activities.

- a. ESF 6 coordination will include:
 - Prevention of duplication of goods and services as they relate to mass care;
 - Assisting volunteers with technical advice and logistical support through the other ESF's;
 - Coordinating the delivery of goods and services as they relate to mass care.
 - b. ESF 6, through its lead and support agencies, will maintain a listing of all agencies active in mass care in the disaster area.
2. ESF 6 will focus on sheltering activities, mass feeding; and will coordinate with volunteer agencies conducting mass care activities.
 3. Each Agency assigned to ESF 6 will assist in staffing the EOC as required. Local agencies may be asked to supply clerical/administrative personnel. Agency personnel will liaison between the EOC and their operational headquarters.
 4. ESF 6 will coordinate with ESF 15 regarding the use and coordination of ad hoc voluntary agencies who spontaneously engage in providing mass care.
 5. Agencies Providing Mass Care
 - a. American Red Cross chapters will open shelters and establish mobile and fixed feeding sites. First aid and counseling will be available at mass care sites.
 - b. Salvation Army units will establish mobile and fixed feeding sites and will provide primary feeding for the EOC Staff. They are the primary agency for managing comfort stations. They will assist in the distribution of relief supplies, provide crisis counseling, and supplement shelters where needed.

III. RESPONSIBILITIES

- A. Primary Agencies - The American Red Cross/Salvation Army
Develop and maintain a roster of personnel to staff the ESF desk.

The American Red Cross will:

1. Ensure the presence of resource materials in sufficient quantities in ESF 6 location.
2. Shelter listings for each county.
3. Locations of all operating mass feeding sites and major feeding routes.
4. Support mass feeding of the General Public activities through ESF 11.
5. Support ESF 6 by providing personnel and equipment to assist with accomplishing its Mass Care responsibilities.
6. Provide information on hotels for additional shelter spaces.

The Salvation Army will:

1. Support the EOC operation (Government) of ESF 6 by providing personnel to assist with accomplishing its Mass Care responsibilities for the Public and associated EOC Staff.
2. Support the operation of the ESF by supplying personnel to staff the ESF.

3. Support ESF 6 with information regarding Salvation Army services in the impacted area. Provide staff to the ESF 6 desk. Supply lists of personnel and facilities, statewide.

B. Supporting Agencies

1. Adventist Community Services may assist in feeding. They may also support shelter operations through agreement with the ARC.
2. Florida Baptist Convention will work with the ARC in establishing fixed feeding sites and supplying mobile feeding units with their kitchens. They may also support shelter operations through agreement with the ARC.

IV. FINANCIAL MANAGEMENT

All disaster respondents, city/county or otherwise, who assist due to request from the EOC, must submit their preliminary reimbursement request to Sarasota County Risk Management within 15 business days of stand down orders. The final request must include the following:

- A. Salaries - Provide a schedule for all employees, the times they worked, their pay rate and matching rate, separating regular time from overtime.
- B. Travel - Provide copies of the approved travel vouchers for the disaster response.
- C. Equipment - Provide a detailed description of the equipment used to assist, detailing the type and size, pump size and horsepower, where the equipment was used, number of hours per piece, per day, and type of work each piece performed. Beginning and ending engine mileage and engine hours.

V. REFERENCES AND AUTHORITIES:

Shelter Operations Procedure

EMERGENCY SUPPORT FUNCTION 7: RESOURCE SUPPORT**ICS ASSIGNMENT: LOGISTICS**

Primary Agency: Purchasing, Personnel, and Budget

Support Agencies: Procurement Management Department, Facilities Maintenance, Fleet Management Division, and Materials Management Division

I. INTRODUCTION

Purpose: The purpose of this Emergency Support Function (ESF) is to provide logistical and resource support local entities involved in delivering emergency response efforts for the Emergency Operations Center (EOC) during natural disasters and other catastrophic events.

ESF 7 is responsible for providing direct and active support to emergency response and recovery efforts during the initial response phase following a disaster. This support includes locating, procuring, and issuing resources, such as supplies, office space, office equipment, fuel, contracting services, personnel, heavy equipment, generators and transportation of such in coordination with ESF 1.

II. CONCEPT OF OPERATIONS**A. General**

ESF 7 is responsible for planning, coordinating, and managing the resource support needed. Local capabilities and resources committed to ESF 7 will be allocated and coordinated through the Logistics Section Chief. The primary source of equipment, supplies, and personnel shall be made from existing support agencies' resources and local sources. Support which cannot be provided from these sources will be obtained through commercial sources. Resources will be directed to fulfill needs of local government. Logistical support necessary to save lives will receive first priority. Massive acquisition of resources will be accomplished in accordance with an Executive Order which would exempt normal procedures for purchasing.

All support agencies will be notified and tasked to provide 24-hour representation as necessary. Each support agency is responsible for ensuring that sufficient program staff is available to report to and support the EOC and to carry out the activities tasked to their organization on a continuous basis. Individuals representing agencies support the staffing of ESF 7 will have extensive knowledge of the resources and capabilities of their respective agencies and have access to the appropriate authority for committing such resources during activation.

B. Organization

1. ESF 7 will operate under the direction of the Emergency Operations Center Incident Commander.
2. ESF 7 will continue to operate through the emergency situation, either in the Emergency Operations Center, or at a location designated by the IC.

3. Upon notification, the Emergency Management Director will alert designated primary personnel of possible resource needs and to report to the Emergency Operations Center (EOC). ESF support operations will be coordinated through EM in the EOC and/or at a location designated by the IC.
4. ESF 7 will maintain liaison with other ESFs and interested parties.
5. ESF 7 takes action if another ESF requires assistance in procuring needed items. If other ESFs do not have a source for an item, they come to ESF 7 with a request for support. ESF 7 finds a source for needed items, gives the name of the contact person, price, and schedule in which material can be available at the location established, to the requesting ESF.
7. The purchasing professionals from the Purchasing Department are available at the ESF 7 position when the EOC is activated. When needed, for example if an activation lasts a long period, or there are many activations in a short time period, purchasing professionals from other support agencies may be called in to the EOC to participate with ESF 7. Support agency purchasing professionals may be asked to help locate sources of needed items, while posted at their own agencies.

C. Notification

1. The EOC will implement the activation plan to notify appropriate ESF personnel and other support personnel. Personnel may either be placed on standby or deployed for immediate response to the EOC. All support agency contact persons for ESF 7 will be instructed to alert their contacts throughout the county to ensure that all available resources are on standby.
2. Inventories of resources, including but not limited to pre-arranged staging areas, government buildings, public facilities and agency contacts, will be reviewed.

D. Actions

1. Preparedness:
ESF 7 personnel will be placed on standby or directed to staging areas with some facilities being staffed for immediate response.

Some resources will be staged near the pending emergency areas.

Support agencies may be alerted.

Identification and assessment of resources available for designation as emergency support, including facilities.
2. Response:
Some support agencies may be directed to deploy personnel and other resources.

Buildings will be leased for staging area warehouses or to replace damaged or destroyed facilities.

Communication resources will be provided in coordination with ESF 2.

Transportation needs will be provided in coordination with ESF 1.

ESF 7 will assist, facilitate and coordinate contractual services between the county and commercial sources.

Office furniture, equipment, and supplies will be provided from existing inventories, or will be procured.

Food and fuel will be provided with cooperation of ESF 11.

Security for staging areas and facilities will be provided by ESF 16.

ESF 7 shall provide a report listing all generators and other supplies ordered.

ESF 7 will maintain records for all properties loaned to for support.

3. Recovery:

ESF 7 will provide logistical support for staff movement, and locate and procure equipment after disaster events. In a catastrophic event, the EOC may be moved to the disaster area. If this occurs, ESF 7 will also move staff to the disaster area. ESF 7 will provide logistical support electronically, by telephone, and other methods to support Disaster Field Offices. After a typical disaster situation, ESF 7 staff will support Disaster Field Offices.

4. Mitigation:

ESF 7 meets frequently with state agency and local purchasing directors and other purchasing agents. ESF 7 Personnel encourage those who work in the local cities and counties to work with their county emergency operations center personnel. They assist in building data bases for acquisition of goods and services that may be needed in preparation, response, and recovery.

E. Direction and Control:

In times of emergency, when the EOC is in operation, the Director works directly with the Logistics Chief in the EOC to meet the needs of this support function, countywide. ESF 7 is authorized to make decisions and manage, control, and coordinate resources.

III. RESPONSIBILITIES

A. The primary agencies for ESF 7 are vested with the overall responsibility for allocating and coordinating resources and support activities incident to ESF 7. These agencies will provide support staff for procurement of commodities and services, leasing of buildings and facilities, and facilities management. In addition, they will coordinate and allocate food, equipment and supplies made available.

B. Supplies and equipment will be provided from current county or regional stocks or if necessary, from commercial sources.

- C. The Purchasing Department is the primary agency for ESF 7. Representatives from the primary and support agencies will be present in the EOC and/or on call at the Division of Purchasing on a 24-hour basis. Supporting the Division of Purchasing on ESF 7 will be representatives from the following agencies, who provide the following support:

1. Department of Transportation - drivers, equipment operators, trucks, and heavy equipment.
2. Risk Management Division - coordinates collection of information required for restoration assistance from the Federal Emergency Management Agency (FEMA).

IV. FINANCIAL MANAGEMENT

when the EOC is activated expenditures for cost recovery are documented during the incident and after the incident period. The EOC and the Emergency Management Coordinator work with ESF 7 personnel in notifying the Budget and Financial sections of expenditures, based on standard accounting practices.

Each support agency is responsible for tracking its own costs associated with ESF 7 operations, using the standard procedures set out by each support agency's standard accounting and tracking procedures. In concurrency with the EOC, each support agency will file for reimbursement of costs it incurs through its own agency's accounting and reimbursement filing system. Each support agency is responsible for monitoring staff hours using its own tracking system, and requesting financial reimbursement for staff hours incurred in association with ESF 7 operations. The EOC will provide appropriated forms, and provide guidance to complete forms for efficient tracking and reimbursement.

All requests for restoration assistance from the Federal Emergency Management Agency will be forwarded to the Risk Management representative for consolidation and submission. Proper documentation of all natural and man-made disasters activities and County property damage is important from the beginning of any emergency. County agencies should keep documentation of the following disaster related activities; the activity being performed; the purpose of the activity; the location of the activity; employees participating in the activity; all equipment needed to complete the activity; type, volume, and cost of all materials needed to complete the activity; date, time and duration of the activity; all property damage including the location of the damage and the estimated cost to repair or replace the property. The complete and accurate documentation of disaster-related activities is essential for Federal disaster recovery procedures.

All disaster respondents, city/county or otherwise, who assist due to request from the EOC, must submit their preliminary reimbursement request to Sarasota County Risk Management within 15 business days of stand down orders. The final request must include the following:

- A. Salaries - Provide a schedule for all employees, the times they worked, their pay rate and matching rate, separating regular time from overtime.
- B. Travel - Provide copies of the approved travel vouchers for the disaster response.

- C. Equipment - Provide a detailed description of the equipment used to assist, detailing the type and size, pump size and horsepower, where the equipment was used, number of hours per piece, per day, and type of work each piece performed. Beginning and ending engine mileage and engine hours.

V. REFERENCES AND AUTHORITIES:

Procurement will be made in accordance with current local state and federal laws and regulations which include emergency procedures under Florida Statutes as follows:

- A. SaraMana Purchasing Guide
- B. Sarasota County - Procurement Procedures
- C. Sarasota County - Facilities Maintenance Procedures
- D. Sarasota County - Fleet Management Procedures
- E. Sarasota County - Materials Management Procedures
- F. State of Florida - Procurement Procedures
- G. Sarasota County - Personnel Department Emergency Actions Procedure

EMERGENCY SUPPORT FUNCTION 8: HEALTH AND MEDICAL SERVICES

ICS ASSIGNMENT: LOGISTICS

Primary Agency: Sarasota County Health Department

Support Agencies: Division of Emergency Medical Services, American Red Cross, Medical Examiner, Medical Society, Pollution Control, Utilities, Mosquito Control, Animal Services, Property Standards, DBPR, DEP, DACS, AHCA, DOE, FDLE, DCF

I. INTRODUCTION

Purpose: ESF #8 coordinates the State's health, medical and limited social service assets needed to supplement county and regional resources in response to public health, medical care and certain social services under the auspices of DOH, following a major natural disaster or man-made event. Assistance provided under ESF #8 is directed by the department's Emergency Coordinating Officer (ECO), located in the office of Emergency Medical Services, Emergency Operations section. Resources from the department, other state entities and voluntary organizations are furnished when county and regional agencies are overwhelmed and additional assistance is requested or deemed needed by the Division of Emergency Management (DEM), Department of Community Affairs.

ESF #8 provides overall public health response, the triage, treatment and transportation of victims of a disaster, assistance in the evacuation of victims out of the disaster area after the event, immediate support to hospitals and nursing homes, the provision of emergency mental health crisis counseling for individuals and the community and the re-establishment of all health, medical and social service systems. Assistance in pre-event evacuation may also be provided whenever patients or clients of the state and DOH are affected, or pre-established plans for any health care institution have failed.

II. CONCEPT OF OPERATIONS

A. General:

It is recognized that Sarasota County may have to take action with regard to a major natural or manmade disaster. These events may come with warning or be of sudden impact. ESF #8 will be responsible for provision and coordination of services, equipment, supplies and personnel to meet needs resulting from such disasters. These needs will be met with staff and material resources currently existing in DOH (hereafter referred to as the primary agency), other assets from various departments (supporting agencies), private enterprise and community voluntary agencies and individuals, e.g., emergency medical services providers and Disaster Medical Assistance Teams. The department ECO, is responsible for activating and directing the functions of ESF #8 and of notifying all support agencies of the activation. The ECO is responsible for the designation and

training of staff, who will manage all functions of preparedness, planning, response and recovery from the Emergency Operations Center (EOC). The DOH ECO is responsible for maintaining the ESF#8 county plan annex and the DOH Emergency Plan.

Three prominent levels of operation exist: State, ESF#8 desk located at the SEOC; Regional (district), consisting of field staff from DOH (emergency coordinators) and other supporting agencies and; County, ESF#8 counterparts within County Emergency Operations centers (CEOC). These three levels interact in either an active or passive role depending upon the scope and severity of the event.

B. ORGANIZATION:

1. County

The county level is where the event is confronted. Each county has an ESF#8 focal point and a County Health Department (CHD) emergency coordinator (usually the county ESF#8 representative). Low impact events not activating the county EOC will be handled by the SEOC ESF#8 directly with the county ESF#8 representative and informational contact made with regional coordinators. High impact events requiring the activation of a county EOC or multiple county EOC's require closer coordination between county and regional ESF#8 coordinators, which may require the commitment of regional resources. Extremely high impact events require close coordination between county, regional and state ESF#8 coordinators and will require the commitment of state or other resources.

C. NOTIFICATION:

Sarasota County Emergency Management will notify the ESF #8 duty officer (or the department ECO) upon the occurrence of a potential or actual major natural disaster or manmade event. This notification will usually be made via telephone or digital pager. Such notification could be to: advise of the potential for disaster, activate the EOC.

1. Upon receipt of the notification, the ECO or the department duty officer (see DOH Emergency Plan, Section 8) will alert all essential emergency response personnel assigned to the EOC and inform them of the type of event and implement the ESF #8 response in accordance with the EOC level of activation for the event. The ECO will alert other key departmental and support agency personnel of the status of the event.
2. The duty officer or the ECO, who is usually the first ESF #8 staff person to arrive at the EOC, will get an immediate briefing from the EOC operations officer, activate all callout lists, brief other arriving staff.

D. ACTIONS:

Actions carried out by this ESF fall into the four categories of emergency management, preparedness, response, recovery and mitigation. Each category requires specific skills and knowledge to accomplish and requires

significant cooperation and collaboration with all supporting agencies and the intended recipients of service. This ESF encompasses a full realm of activities from education to provision of field services. It also functions as a coordinator and at times assumes direct operational control of provided services. The following services provide the framework upon which actions will occur:

- a. Assessment of health and medical needs
- b. Disease control/epidemiology
- c. Health/medical care personnel
- d. Health/medical equipment and supplies
- e. Patient evacuation
- f. Coordinated in-hospital and nursing home care.
- g. Food and drug safety and availability of drugs and certain foods
- h. Emergency responder health and safety (CISD)
- i. Radiological/chemical/biological hazards
- j. Mental health and crisis counseling (indiv & comm)
- k. Public Health information
- l. Vector control/monitoring
- m. Potability of water, disposal of waste water and solid waste
- n. Victim identification/mortuary services
- o. Management, Command and Control of assets
- p. Emergency Medical Services (pre-hospital)
- 1. Preparedness:
 - a. Planning , Training and Exercises
 - b. Train ESF#8 desk personnel
 - c. Train Regional and County coordinators
 - d. Conduct ESF#8 orientation for support agencies (public and private)
 - e. Hold joint exercises withDMAT's and EMS providers
 - f. Conduct planning with support agencies, ESF 4 and 9 to perfect MSU
 - g. Conduct MSU training
 - h. Conduct training for RIAT members of ESF#8
 - i. Continue development of Rapid Impact Assessment Instrument (RIAI)
 - j. Refine environmental health assessment survey
 - k. Refine epidemiological survey instrument
 - l. Perfect medical management course for ESF#8 personnel
 - m. Establish GIS maps for critical facilities and target populations
 - n. Develop automated protocols for frequently provided services
 - o. Establish and operate an ESF#8 EOC training cell
 - p. Refine the DOH EOC and provide training to all staff in its operation
 - q. Refine and update Public Information Guide for all hazards
 - r. Hazardous materials training for EMS and first responders
 - s. Develop training for tactical EMS (anti-terrorist)
 - t. Maintain liaison with health and medical volunteer

- organizations
- u. Maintain liaison with DMATs and DMORTs
- v. Develop rapid response mechanism for crisis mental health counseling
- w. Assist in development of public health nursing disaster protocols
- 2. Response:
 - a. Operate ESF #8 desk at EOC
 - b. Coordinate response and resources with other ESF's
 - c. Provide team members for RIAT
 - d. Provide team member for SSO Search & Rescue Opns
 - e. Provide communications for deployed health and medical resources
 - f. Manage DMAT, EMS and other assigned services in the field
 - g. Conduct field assessments and surveys
 - h. Coordinate Nursing staff for Special Needs Shelters
 - i. Provide staff for monitoring field public health conditions
 - j. Conduct rapid assessments for immediate response objectives
 - k. Determine need for health surveillance programs in communities and regions
 - l. Arrange for provisions, medical staff, equipment and supplies as needed to health and medical facilities
 - m. Assist with patient evacuation and relocation (post-event)
 - n. Identify hospital or nursing home bed vacancies
 - o. Assist with hazardous materials response through consultation, technical support or staff deployment
 - p. Perform water, food and drug safety analysis and inspection
 - q. Provide emergency mental health services to individuals and communities
 - r. Support response personnel with C&SD staff
 - s. Provide DMORT or victim identification services
 - t. Provide emergency food stamps and finances to target populations
 - u. Staff DFO
 - v. Provide Port-o-lets to comfort stations/other locations
 - w. Provide Public Health Nursing staff as needed at comfort stations
 - x. Respond to radiological incidents
- 3. Recovery:
 - a. Staff DFO
 - b. Restoration of essential health, medical and social services systems
 - c. Restore permanent medical facilities to operational status
 - d. Restore pharmacy services to operational status
 - e. Monitor environmental and epidemiological systems
 - f. Initiate grants for provision of mental health crisis services
 - g. Initiate grants for environmental and epidemiological surveillance

- h. Continue provision of long-term emergency environmental activities
 - i. Support emergency services staff and operations until the local system is self-supporting
 - j. Provide emergency food stamps
 - k. Identify populations requiring event-driven health, medical or social services post-event
 - l. Provide emergency pharmacy/ laboratory services
 - m. Initiate long-term mental health services to affected populations
 - n. Initiate financial reimbursement process for support services
4. Mitigation:
- a. Identify, survey and map (GIS) all EMS and vulnerable services
 - b. Identify and provide funds for hurricane proofing critical facilities
 - c. Provide computerized access statewide to all regional and county coordinators for GIS data
 - d. Stockpile critical medical supplies in strategic locations
 - e. Develop DMAT readiness levels to category I capability
 - f. Identify and provide auxiliary power for critical facilities

E. Direction and Control:

In order to effectively manage any type of emergency event a system must be established so that everyone is familiar with how to make things happen quickly, efficiently and effectively. ESF #8 utilizes the Incident Command System or the Incident Management System to organize for emergencies. Key to this system is the Emergency Operations Unit (formerly DRU), which functions as the official disaster response, preparedness, recovery and mitigation organization within DOH as well as the focal point for state ESF#8. It is responsible for ensuring that all appropriate program offices of the department, support agencies, other ESFs and other private voluntary agencies have knowledge about the system and expectations during an event.

The ESF #8 system operates in two arenas, at the EOC or field locations. All operations are covered by policy which is contained within the DOH Operations Handbook and accompanying procedural manuals of the various service providers working the ESF#8 desk at the EOC.

All management decisions regarding response to an event are made at the EOC by the ESF#8 commander (either the DOH ECO, the EO duty officer or the ESF#8 desk officer). Planning, logistical support, administration and operations positions at the EOC assist the commander in carrying out the mission.

A staffing directory (DOH Emergency Call Lists) and ESF#8 procedural manuals are maintained with status updated at least quarterly.

Any deployed field personnel or units are subordinate to the ESF#8 desk

and are in contact with them at all times by either radio or telephone.

In accordance with assignment of responsibilities in ESF #8, and further tasking by the primary agency, each support organization participating under ESF #8 will contribute to the overall response but will retain administrative control over its own resources and personnel, while it may give operational control to an MSU or other ESF #8 field management entity.

Appropriate information on casualties/patients will be provided to the EOC operations officer and the American Red Cross for inclusion in the Disaster Welfare Information System for access by the public.

f. Radiological Events:

The DRU shall ensure that all aspects of the response to a radiological event are planned for and that designated organizations within DOH are prepared to carry out appropriate actions.

In the event of a radiological emergency, Chapter 404, Florida Statutes designates the DOH, Office of Radiation Control as the primary point of contact for assessment of health hazards during peace-time radiological emergencies regardless of their severity. The Office of Radiation Control will have a representative in the EOC at the ESF #8 desk who will function as the ESF #8 operations officer for the event.

III. ESF #8 RESPONSIBILITIES:

Functions of the Primary Agency (DOH):

Provide leadership in directing, coordinating, and integrating the overall county efforts to provide health, medical, public health and some social services assistance to the affected area.

Staff and operate a command and control structure to assure that services and staff are provided to areas of need.

Coordinate and direct the activation and deployment of county agencies, voluntary resources of health/medical personnel, supplies, equipment and provide certain direct resources.

- a. Advance Life Support/Basic Life Support vehicles
- b. Emergency Medical Technicians
- c. Paramedics
- d. Medical equipment and supplies
- e. Nurses/RNs/LPNs
- f. Health administrators
- g. Pharmacy services
- h. Physicians
- i. Environmental health specialists
- j. Laboratories and laboratory personnel

- k. Nutritional services, including WIC
- l. Epidemiology
- m. Mental health workers
- n. Radiation monitoring
- o. Disaster response expertise
- p. Dental
- q. Dietitians
- r. Immunizations
- s. Case management
- t. Outreach capability
- u. Aircraft (fixed wing/rotary wing/medical evacuation)
- v. Public information and education
- w. Emergency food stamps and emergency categorical checks

Functions of the Support Agencies

Support agencies will provide assistance to the ESF with services, staff, equipment and supplies that complement the entire emergency response effort. Some specific services and resources are described as follows but support agencies capacities change from time to time and emergency coordinators are responsible for updating resources and capabilities with the lead agency frequently.

- I. Other Assets: Although specific assets have been identified within each supporting agency, it is clearly understood that we will initially coordinate requests for and acceptance of support with each appropriate ESF.

IV. FINANCIAL MANAGEMENT:

The ESF #8 desk will be responsible for managing all financial matters related to resources that are procured through the desk during the event. (Expenditures that DOH contracts for or purchases.) During a response each agency/department is responsible for recording and tracking their own expenditures and seeking reimbursement from the appropriate resource after the event is over. If a federally declared disaster exists then a reimbursement formula is established by FEMA that may be as much as 100 percent but usually does not exceed 75 percent. When the reimbursement is less than 100 percent the Governor's Office, together with legislative leadership may decide to reimburse agencies/departments for the difference. In some instances the agencies/departments may be required to assume this financial responsibility from their regular budgets.

Guidelines for DOH:

The representative from DOH Administrative Services is notified when the EOC is activated. This precipitates the establishment of an external program code (EP) and an OCA. A different EP and OCA are established for each storm/disaster. Administrative Services will ensure that the EP and OCA are broadcast to the DOH CHD fiscal officers via CCMail. These codes are then available for everyone in DOH that may have an expenditure associated with the current storm/disaster.

All requests for disaster response products and services that come to ESF #8

will be processed at the desk in accordance with existing policies contained in the DOH emergency policy handbook. The DRU will be responsible for ensuring that these procedures are carried out so that reimbursement to vendors and the department can occur with a minimum of delay. Upon activation the department ECO will ensure that a DRU fiscal officer is designated who will work the ESF #8 desk during the entire time the desk is active.

The DRU fiscal officer maintains on-going contact with each vendor and is available by pager to all vendors 24 hours a day, seven days a week throughout the duration of the emergency event. This officer shall also be responsible for following up all financial issues after response has ceased by coordinating with DOH fiscal and personnel management, DEM and FEMA fiscal agents and directly with vendors as necessary. The DRU financial officer will encourage the development of an unified approach within the department for processing all financial disaster related activities.

Expenditures by other departmental entities, i.e., County Health Department/EMTs, are documented by those entities and submitted directly to the Administrative Services disaster fiscal officer without any involvement of the DRU fiscal office.

IV. REFERENCES AND AUTHORITIES:

- A. Florida Statutes 1991, Emergency Management, Chap. 252 (252.31-252.61)
- B. DOH
- C. Refugee Response Plan (1996)
- C. Sarasota County Health Department Disaster Plan SOP #16

EMERGENCY SUPPORT FUNCTION 9: SEARCH AND RESCUE**ICS ASSIGNMENT: OPERATIONS**

Primary Agency: Sarasota County Sheriff's Office

**Support Agencies
(city and county):** Utilities Department, Public Works Department, Fire Department, Police Department, Florida Power and Light Co., GTE, Public School Transportation Department, K-9 Search and Rescue and RACES

I. INTRODUCTION

Purpose: To provide local government both urban and non-urban Tactical Search and Rescue response to and actual or potential disaster conditions.

II. CONCEPT OF OPERATIONS**A. General**

1. Non-urban search and rescue activities include, but are not limited to, emergency incidents that involve locating missing persons, locating boats which are lost at sea, locating downed aircraft, extrication if necessary, treating any victims upon their rescue and road clearance.
2. Urban search and rescue activities include, but are not limited to, locating, extricating, providing immediate medical assistance to victims trapped in collapsed structures and road clearance.

B. Organization

The Sheriffs Office is the primary agency for ESF 9, providing representatives on a 24 hour basis to local Emergency Operations Center (EOC), and will activate , to insure full deployment and utilization of resources identified under ESF 9.

C. Notification

1. Upon notification by Emergency Management of a potential or actual event requiring response, the emergency contact person for the Sheriffs Office will notify all other Tactical Search and Rescue members by telephone, pagers, or through the communications facilities at the EOC/911 center.
2. All support agency contact persons for ESF 9 will be instructed to alert their contacts throughout the county to ensure that all available resources are on standby.
3. Resource inventories will be confirmed for possible use.

D. Actions

1. Preparedness:
Utilizing the Tactical Search and Rescue SOP the Sheriffs Office will coordinate, and mobilize the resources of the county. The Sheriffs Office will provide training to all tactical search and rescue participants on an ongoing basis and conduct annually, a search and rescue drill response.

2. Response:
 - a. Local resources from the disaster area are committed through coordination with other county agencies.
3. Recovery:
 - a. Departments/Agencies that provide personnel for the Tactical Search and Rescue teams include:
 - Public Works/Utilities
 - Fire Department
 - Sheriff/Police
 - Florida Power and Light
 - GTE
 - Public School Transportation Department
 - K-9 Search and Rescue
 - RACES
 - b. If requested, ESF 9 will provide SAR personnel and resources for recovery efforts.

III. RESPONSIBILITIES

A. Primary Agency

The Sarasota County Sheriffs Office is the primary agency in ESF 9. As the primary agency, they coordinate with the support agencies in directing the SAR resources and response activities.

B. Support Agencies

1. Support agencies of ESF 9, work with the Sheriffs Department for SAR assistance to Sarasota County.

IV. FINANCIAL MANAGEMENT

All disaster respondents, city/county or otherwise, who assist due to request from the EOC, must submit their preliminary reimbursement request to Sarasota County Risk Management within 15 business days of stand down orders. The final request must include the following:

- A. Salaries - Provide a schedule for all employees, the times they worked, their pay rate and matching rate, separating regular time from overtime.
- B. Travel - Provide copies of the approved travel vouchers for the disaster response.
- C. Equipment - Provide a detailed description of the equipment used to assist, detailing the type and size, pump size and horsepower, where the equipment was used, number of hours per piece, per day, and type of work each piece performed. Beginning and ending engine mileage and engine hours.

V. REFERENCES AND AUTHORITIES:

- A. Tactical Search and Rescue SOP #3
- B. Tactical Search and Rescue task force assignment chart-figure #4

SARASOTA COUNTY TACTICAL SEARCH & RESCUE

<u>Sarasota City Task Force #1</u> Stage: Sarasota Memorial Hospital 1700 S. Tamiami Trail Goal #1 - Clear U.S. 41 north to Mound St. continue north on U.S. 301 to 301 and Fruitville Rd... turn east and continue out to I-75. Goal #2 - Head north on I-75 to Exit #40 turn on University Pkwy head west until Task Force #8 is met or until arrival at Sarasota/Bradenton Airport.	<u>North County Task Force #2</u> Stage: Sarasota County VoTech Institute 4748 Beneva Rd.. Goal #1 - Clear Beneva road north from Vo Tech to Bee Ridge Rd.. turn around on Beneva head south to Clark Rd. turn head east to I-75 exit #37. - Head west on Clark Rd. start clearing at Beneva Rd. continuing to U.S.41 turn north continue on U.S.41 until Team #3 is met or until arrival at Bee Ridge Rd
<u>Central County Task Force #3</u> Stage: Dr.'s Hospital 5731 Bee Ridge Rd.. Goal #1 - Clear heading south on Cattlemen Rd.. from Doctor's Hospital head east on Bee Ridge Rd.. to I-75 Exit #38. - Turn around heading west on Bee Ridge Rd.. To U.S. 41 head north on U.S. 41 to Sarasota Memorial Hospital. Goal #2 - Head south on U.S. 41 until Team #2 is met or until reaching Clark Rd..	<u>Venice Task Force #4A & 4B</u> Stage: Team 'A' Venice Police Department: 1350 Ridgewood Av. Team 'B' Venice Hospital: 540 The Rialto Goal #1 Team 'A' - Clear Venice Av.. East to Jacaranda Blvd. Continue I-75. - Clear to Venice Av.. west to U.S. Business 41, to Venice Hospital Team 'B' - Clear from hospital south on Business U.S. 41 to Av Del Circo, proceed south on Av.. Del Circo to Venice Airport. Goal #2 Team 'A' - Continue clearing south on Business 41 to Center Rd. - Clear Center Rd. to Jacaranda Blvd. to Venice Team 'B' - Proceed back to Business U. S. 41 head south clear Center Rd.. Turn head north on Business U. S. 41 clear from Venice Hospital to Venice Av.. Then work east on Venice Av.. Until Team 'A' is met. - Return to Business U. S. 41 and open U. S. 41 north from Venice Av.. To Colonia Ln.
<u>South County Task Force #5</u> Stage: Taylor Ranch Elementary 7500 Taylor Ranch Trail Goal #1 - Clear U.S. 41 to Center Rd.. east to Jacaranda Blvd. - North on Jacaranda to I-75, exit #35. - Go back south on Jacaranda to U.S. 41 (check Venice AV.. to Venice Police Department). Goal #2 - Clear south on S.R. 776 to Englewood Hospital.	<u>North Port Task Force #6</u> Stage: Toledo Blade Elementary (Corner of Price and Toledo Blade Blvd.) Goal #1 - Clear from Toledo Blade School north on Toledo Blade Blvd. to I-75 Exit #32. Goal #2 - Come back to Price Blvd. to S. Biscayne. Clear U.S. 41 to North Port Blvd.(City Hall). Goal #3 - Clear north from U.S. 41 to I-75 Exit #33 via Sumt Blvd.
<u>Longboat Key Task Force #7</u> Stage: County Fire Station #5 400 N. Beneva Rd.. Goal #1 Clear from U.S. 41 to Longboat Key via John Ringling Causeway.	<u>Florida DOT Task Force #8</u> Stage: U.S. 301 & University Pkwy Goal #1 - Clear from FDOT Headquarters on U.S. 301 to University Pkwy to I-75 Exit #40. - Open Airport and University Pkwy both ways. Goal #2 - Open I-75 north and south through Sarasota (Coordinated by County Transportation).

(FIGURE #4)

June 28, 1996

EMERGENCY SUPPORT FUNCTION 10: HAZARDOUS MATERIALS**ICS ASSIGNMENT: OPERATIONS**

Primary Agency: Sarasota County Fire Department
1660 Ringling Blvd.

Support Agencies: Longboat Key Fire Department, Venice Fire Department, Northport Fire Department, and Emergency Management.

I. INTRODUCTION**A. Purpose**

The purpose of ESF 10 is to provide support to local governments in response to an actual or potential discharge or release of hazardous materials resulting from a natural, manmade, or technological disaster.

Additionally, ESF 10 acts as the initiator for activating other resources within Sarasota County Government that provide authorization and guidance for environmental protection issues that are the responsibility of that agency.

II. CONCEPT OF OPERATIONS**A. General**

ESF 10 provides for a coordinated, effective and efficient response to discharges and releases of hazardous materials by placing human, financial and material resources into action in the impacted area.

The Sarasota County Emergency Management Department has developed a detailed Hazardous Materials Plan (HMP) to provide a framework for responding to the full range of potential hazardous material and other emergencies. The HMP promotes coordination between Federal, State and Local governments and the private sector when responding to hazardous material incidents and other threats to the environment and the public health. It is within this guideline that the local ESF 10 position operates.

The Sarasota County Fire Department will staff the ESF 10 table during any activation of the EOC, and will coordinate the resources of the Sarasota County Fire Department and the support agencies to ESF 10.

The Sarasota County HMP has been developed by the Department of Emergency Management to provide a framework for response actions by the Sarasota County Fire Department and Support Agencies of the Town of Longboat Key, City of Venice, Nokomis, Englewood and City of Northport, and to coordinate with local and federal responders, and provide for consistency with the National Contingency Plan and the Regional Contingency Plan for Oil and Hazardous Materials. Please consult the HMP for additional information.

B. Organization

The Sarasota County Fire Department is the primary agency for Sarasota County Government for ESF 10. Staff from the Department of Emergency Management are responsible for coordinating the functions of ESF 10 and for bringing in other support resources as they are needed. Support agencies are available as needed for specific issues and are accessed through their respective local government bodies.

C. Notification

Upon notification of a potential or actual event requiring response by the Sarasota County Department of Emergency Management the emergency contact person for the Sarasota County Fire Department will notify all other ESF members by telephone, pagers, or through the 911 Communications Center.

D. Responsibilities

1. Preparedness

The Sarasota County Fire Department regularly participates in training exercises for hazardous material incidents with Coast Guard, State Agencies, Local Governments and Industry.

2. Response

Local resources are committed through coordination of ESF 10 contingent upon magnitude of the incident. The Sarasota County Government Hazardous Materials Plan formulated by the Department of Emergency Management identifies procedures and resources for handling hazardous substances incidents.

The basic sequence of response is described by the following outline:

- a. Notification of incident
- b. Agency Response
- c. Isolation
- d. Identification
- e. Notification
- f. Protection
- g. Spill Control
- h. Leak Control
- i. Fire Control
- j. Recovery/Termination

3. Recovery

The initial responsibility for assessing the impacts or the potential impacts of a release rest with the owner/operator of the facility.

Upon arrival of response personnel the responsibility for assessing the impacts or the potential impacts of a release will

be assumed by the lead agency.

If it is determined by the lead agency that the incident is beyond their capabilities the Sarasota County Emergency Management Director will be contacted and the EOC activated as appropriate.

Assessment capabilities may be provided by the following agencies: The Sarasota County Departments of -- Fire, Hazardous Waste, Pollution Control, Stormwater Management, Risk Management, Public Health Unit, Natural Resources.

Additional assistance and support in assessing the environmental and public health consequences can be obtained from the State of Florida Departments of Environmental Regulation and Health and Rehabilitative Services, District VIII Headquarters in Ft. Myers.

If necessary the U.S. Environmental Protection Agency may be called upon.

4. **Mitigation:**

Sarasota County Fire Department will provide persons with appropriate expertise to participate in activities designed to reduce or minimize the impact of future disasters. Typical areas of expertise would be hazardous materials and hazardous waste.

E. **Direction and Control**

The Emergency Management Department is responsible for providing the overall direction and control of resources for ESF 10. The process of management, decision making, coordination, and control of resources are described in detail in the HMP. This plan was written by the Emergency Management Department to coordinate local resources to oil and hazardous material incidents and is in compliance and compatible with the National Contingency Plan, the Regional Contingency Plan and the State of Florida Comprehensive Emergency Management Plan.

III. **RESPONSIBILITIES**

A. **Primary Agency**

The Sarasota County Fire Department is the primary agency in ESF 10. As the primary agency, it coordinates with the support agencies in directing hazardous materials mitigation resources and response activities for Sarasota County Emergency Management.

B. **Support Agencies**

Support agencies will assist the Sarasota County Fire Department in the coordination of activities of the event through providing support in equipment and resources in directing the hazardous materials mitigation resources and

response activities for Sarasota County Fire Department and or Emergency Management.

IV. FINANCIAL MANAGEMENT

All disaster respondents, city/county or otherwise, who assist due to request from the EOC, must submit their preliminary reimbursement request to Sarasota County Risk Management within 15 business days of stand down orders. The final request must include the following:

- A. Salaries - Provide a schedule for all employees, the times they worked, their pay rate and matching rate, separating regular time from overtime.
- B. Travel - Provide copies of the approved travel vouchers for the disaster response.
- C. Equipment - Provide a detailed description of the equipment used to assist, detailing the type and size, pump size and horsepower, where the equipment was used, number of hours per piece, per day, and type of work each piece performed. Beginning and ending engine mileage and engine hours.

V. REFERENCES

- A. Sarasota County Hazardous Materials Plan
- B. Sarasota County Fire Department Hazardous Materials Recommended Operating Guidelines.

(ESF10.DOC)

EMERGENCY SUPPORT FUNCTION 11: FOOD AND WATER**ICS ASSIGNMENT: LOGISTICS**

Primary Agency: American Red Cross, Salvation Army, Utilities Department

Support Agency: None

I. INTRODUCTION

The purpose of this ESF is to identify food, water, and ice needs in the aftermath of a disaster or emergency; obtain these resources; and transport them to the impact area. Food supplies obtained and distributed by ESF 11 (Food) will be dispensed to disaster victims through the agencies of ESF 6 (Mass Care).

II. CONCEPT OF OPERATIONS**A. GENERAL**

This ESF will operate under the Sarasota County Comprehensive Emergency Management Plan (CEMP), to provide disaster food supplies to designated disaster staging areas, and mass feeding sites; and to authorize the issuance of disaster food stamps.

Following a notification of an impending major disaster or emergency, this ESF will be staffed at the Emergency Operations Center (EOC) on a 24 hour basis as needed.

This ESF will use damage projection models to calculate the number of people that may be affected in order to assess the amount of food and water needed to meet the anticipated demand. Warehouse inventories will be tabulated and if additional food supplies are needed, this ESF will obtain and transport such supplies to the disaster or staging areas.

Mass feeding sites will use menu calculations provided by this ESF. Menus will be built around the USDA foods that are available. Quantity usage tables will be used to address serving sizes. These tables, combined with the menus, will provide for ordering, forecasting, and supplying data. Other mass care organizations with food resources will supplement the food supply. Menus will be adjusted based on food quantities.

Staff from this ESF will be sent into the disaster area to assess the effectiveness of the food distribution network and to oversee the inventory of food, water and ice resources procured by the ESF. Staff will coordinate with county officials and ESF 6 field staff to ensure ample and timely deliveries of food, water and ice supplies.

Utilities will coordinate with ESF 3 (Public Works), which is responsible for potable water. If needed, a representative from ESF 3 will be requested to join ESF 11 to coordinate ample water supplies.

B. ORGANIZATION

1. The primary responsibility for all ESF 11 activities will be unified between the ARC, Salvation Army, and Utilities Department. The Food Distribution Officer will direct response and recovery activities for this ESF from the EOC.
2. Upon activation of this ESF, the Food Distribution Officer or designee, will be responsible for ensuring all food, water and ice concerns are addressed. Additional support agencies and organizations may be utilized and will either be tasked to provide a representative to the EOC or to provide a representative who will be immediately available via telecommunications means (telephone, facsimile, conference call, etc.).

C. NOTIFICATION

1. Upon the threat of a disaster, the EOC/911 Center will notify the primary contact person for this ESF. This notification will be made via telephone or digital pager. Such notification could be to: advise of the potential for a disaster, report to the EOC, or to update information.
2. The Operations Officer for the EOC and/or the Food Distribution Officer will notify all support agencies and may request that they report to the EOC.

D. ACTIONS

1. Preparedness - ESF 11 will:
 - a. Maintain an accurate roster of personnel assigned to perform ESF 11 duties during a disaster.
 - b. Identify and schedule disaster response training for ESF 11 assigned personnel.
 - c. Periodically update the list of available water and ice vendors.
2. Response - ESF 11 will:
 - a. Inventory food and water supplies.
 - b. Work with ESF 6 to identify the number of people in shelters and others in need of food and water.
 - c. Work with ESF 6 to identify the locations of all mass feeding sites.
 - d. Work with ESF 12 to monitor power outages for estimated ice needs and quantities.
 - e. Work with ESF 3 and ESF 8 to monitor water contamination in the disaster area and estimate water needs and quantities.
 - f. Work with ESF 6 to identify the locations of all mass feeding and food distribution sites.
 - g. Coordinate with ESF 7 to obtain additional refrigerated trailers, if needed.
 - h. Identify menus for meals to be used for calculation of food supplies and serving portions.
 - i. Assess warehouse space and needs for staging areas.
 - j. Coordinate with ESF 15 to incorporate offers of donated supplies into the disaster feeding network.
 - k. Monitor and coordinate the flow of food, water and ice supplies into the impact area.

1. Assess the need and feasibility of issuing emergency food stamps.
 3. Recovery - ESF 11 will:
 - a. Continue to monitor food, water and ice needs.
 - b. Assess special food concerns of the impacted residents.
 - c. Monitor nutritional concerns.
 - d. Establish logistical links with local organizations involved in long-term congregate meal services.

E. DIRECTION AND CONTROL

1. Policies - ESF 11 will:
 - a. Be activated upon notification of a potential or actual disaster or emergency.
 - b. If directed by Emergency Management to, provide secure food, water and ice supplies suitable for household distribution.
 - c. Provide suitable food, water and ice for congregate meal service, as appropriate.
 - d. Coordinate with ESF 1 for transportation of, water and ice supplies into the impacted zone.
 - e. Encourage the use of congregate feeding arrangements as the primary outlet for disaster food supplies.
 - f. Upon notification that electric power has been restored and roadways are open to commercial vehicles, determine if emergency Food Stamp procedures are necessary.
2. Decision making authority
 - a. A Food Distribution Officer will be identified by each agency who has the authority to allocate resources, expend funds and direct personnel to meet the responsibilities outlined for ESF 11 in the CEMP or to complete missions assigned to ESF 11 by the Logistics Chief in the EOC.
 - b. The Food Distribution Officers will designate, a Shift Leader for each ESF 11 shift operating in the EOC.
 - c. The designated Shift/Team Leaders have the authority, to take those actions necessary to meet the responsibilities outlined for ESF 11 in the CEMP or to complete missions assigned to ESF 11 by the IC/Logistics Chief in the EOC or forward staging area.
3. Coordination
 - a. All actions taken by ESF 11 will be guided by and coordinated with the Logistics Chief and local disaster officials.
 - b. ESF 11 will coordinate with, and provide support, as appropriate, to ESF 6.
 - c. The Food Distribution Officers or designated representative (Shift/Team Leaders) will coordinate the activities and requirements of the various ESF 11 support agencies.
 - d. In the event of federal activation, the Food Distribution Officers or designated representative (Shift/Team Leaders) will coordinate the allocation of federal ESF 11 resources.

III. RESPONSIBILITIES

A. PRIMARY AGENCY(s)

Responsibilities-

- a. ARC will primarily be responsible to care for the Public.
- b. The Salvation Army will primarily be responsible to care for government.

The ARC and the Salvation Army responsibilities are to:

1. Determine the availability of USDA foods that are safe for human consumption within the disaster area.
2. Coordinate with the Division of Emergency Management (FDEM), ESF 6 (Mass Care), and local officials to determine food, water, and ice needs for the population in the impacted areas.
3. Coordinate requests for the approval of emergency food stamps for qualifying households within the affected area.
4. Make emergency food supplies available to households for take-home consumption in lieu of food stamps for qualifying households.
5. Provide appropriate information to ESF 5 (Information and Planning) on a regular basis.
6. Develop a plan of operation that will ensure timely distribution of food supplies to mass care locations.
7. Deploy water tankers to locations identified by ESF 6 and local officials.
8. Provide daily information to ESFs 14 and 15 on the amount of food used and types of food needed.
9. Maintain records of the cost of supplies, resources, and employee-hours needed to respond to the disaster.
10. Monitor the number of mass feeding sites, soup kitchens, and pantries providing food to disaster victims.

IV. FINANCIAL MANAGEMENT

All disaster respondents, city/county or otherwise, who assist due to request from the EOC, must submit their preliminary reimbursement request to Sarasota County Risk Management within 15 business days of stand down orders. The final request must include the following:

- A. Salaries - Provide a schedule for all employees, the times they worked, their pay rate and matching rate, separating regular time from overtime.
- B. Travel - Provide copies of the approved travel vouchers for the disaster response.
- C. Equipment - Provide a detailed description of the equipment used to assist, detailing the type and size, pump size and horsepower, where the equipment was used, number of hours per piece, per day, and type of work each piece performed. Beginning and ending engine mileage and engine hours.

EMERGENCY SUPPORT FUNCTION 12: ENERGY

ICS ASSIGNMENT: LOGISTICS

Primary Agencies: General Services/Sarasota County General Services and Florida Power and Light Co.(FPL)

Support Agencies: American Red Cross, Local Gas and Utilities Companies, and Emergency Management

I. INTRODUCTION

A. Purpose

The purpose of this ESF is to promulgate the policies and procedures to be used by FPL in responding to and recovering from shortages and disruptions in the supply and delivery of electricity, natural gas, and other forms of energy and fuels which impact or threaten to impact significant numbers of citizens and visitors. Shortages and disruptions in the supply of electricity may be caused by such events as unusually cold or hot weather, storms, power generation fuel supply disruptions, electric transmission and distribution disruptions. Other energy and fuel shortages affecting the private sector may be caused by such events as severe weather, flooding, and labor strikes.

ESF 12 involves close coordination with the electric and natural gas utilities operating in the county to ensure that the integrity of the power supply systems are maintained during emergency situations and that any damages that may be incurred are repaired and services restored in an efficient and expedient manner afterward. FPL will have primary responsibility to monitor and coordinate the availability of electric utility generating capacity and reserves, the availability and supply of natural gas, supply and transportation of generation fuels and emergency power. FPL will also monitor and coordinate the restoration of electric and natural gas services for normal community functioning.

ESF 12 also involves close coordination with private sector providers of energy and transportation fuels such as propane, fuel oil, diesel fuel, and gasoline. FPL will primary be responsibility to monitor and coordinate with the private sector suppliers of such fuels to ensure that adequate supplies of other energy and transportation fuels are available and deliverable for normal community functioning.

II. CONCEPT OF OPERATIONS

A. General

When electric utility operating reserves are nearly exhausted and there is an imminent possibility of curtailment or loss of firm load, threat of distribution service disruptions due to storm or accidents, or when other energy supplies such as natural gas or automotive transportation fuels are disrupted, an appraisal of the situation is made by designated authorities and personnel, and action is taken in accordance with this ESF. Emergency organization

personnel are notified and mobilized to direct and coordinate relief efforts, to communicate with the public and appropriate governmental agencies, and to restore normal service when the emergency is over. These response actions are carried out to maintain energy system integrity and to minimize the impact on citizens and visitors to the degree possible.

B. Organization

County General Services and FPL is the lead agencies for ESF 12.

C. Notification

1. Upon activation of the EOC, the Director of the Emergency Management (EM) will notify General services and FPL personnel.

D. Actions

1. Response

ESF 12 will be implemented when notified by the Division of Emergency Management. FPL will cooperate with local, state and federal agencies and public or private entities in achieving the purposes or activities of ESF 12.

The assets (e.g., manpower and donated emergency generators) available to ESF 12 will be used to assist county emergency operations agencies and other ESFs with their emergency efforts to provide power and fuel and other resources as necessary. In response to an emergency, ESF 12 will coordinate support agencies and organizations in an attempt to:

- a. provide sufficient power and fuel supplies to state agencies, emergency response organizations, and areas along evacuation routes;
- b. to provide, to the extent possible, materials, supplies, and personnel for the support of emergency activities being conducted by local ESF operations as requested through the EOC;
- c. to maintain communication with utility representatives to determine response and recovery needs;
- d. maintain communication with major fuel and other energy providers to determine response and recovery needs; and
- e. assist the American Red Cross and local EOCs to identify emergency shelter power generation needs or other emergency power generation needs.

2. Recovery

During the recovery phase of an emergency, ESF 12 will:

- a. upon request, coordinate the provision for resources to assist local, state and federal agencies in restoring emergency power and fuel needs;
- b. review recovery actions and develop strategies for meeting local and state energy needs;
- c. continue to monitor local, state and utility actions;
- d. communicate with and monitor state, local and utility response actions;

- e. receive and assess requests for aid from local, state and federal agencies, energy offices, energy suppliers and distributors;
 - f. claim, when appropriate, needed resources to repair damaged energy systems;
 - g. work with the State Coordinating Officer (SCO) and other state and local emergency organizations to establish priorities to repair damaged energy systems;
 - h. update state and local news organizations with assessments of energy supply, demand, and requirements to repair or restore energy systems;
 - i. keep accurate logs and other records of emergency responses; and
 - j. draft recommendations and other reports as appropriate.
3. **Mitigation**
ESF 12 will work cooperatively with other ESFs to mitigate the effects of any emergency. This will include the coordination of available emergency generators for temporary power.

E. Direction and Control

In the wake of a disaster, many of the local resources will be unavailable due to damage, inaccessibility or insufficient supply. FPL will coordinate a response to electric and natural gas energy related requests with assistance from the ESF 12 support agencies and organizations as well as with assistance from other ESFs. When FPL is notified by the Division of Emergency Management that the EOC has been activated, FPL will staff ESF 12 work station in the EOC, identify which support agencies for ESF 12 are needed, and take the necessary steps to assure that these agencies are activated, or at least placed on alert status, as appropriate.

Emergency Management will coordinate a response to non-utility sector energy and transportation fuel related requests with assistance from the other ESF 12 support agencies and organizations as well as with assistance from other ESFs.

III. RESPONSIBILITIES

- A. Primary Agencies:** General Services and Florida Power and Light
General Services and FPL as a primary agency for ESF 12 will assume primary responsibility for ESF 12 activity pertaining to emergency situations affecting or threatening to affect electric and natural gas utility services to the public. EM as IC will assume primary responsibility for ESF 12 activity pertaining to emergency situations affecting or threatening to affect the supply of non-utility sector energy resources and transportation fuels. Upon activation of the EOC, ESF 12 will ensure that energy concerns are addressed. Based on current statutory authority and responsibility, the following specific duties are assigned:
1. FPL will maintain communications with electric utilities, the EM, and other support agencies and organizations in responding to and recovering from emergencies regarding electric generating capacity shortages, electric generating fuel shortages, transmission and

- distribution line outages, and electrical service outages affecting the public.
2. EM will maintain communications with non-utility sector providers of other energy and transportation fuels, the DEM, the PSC, and other support agencies and organizations in responding to and recovering from emergencies regarding shortages and disruptions in the supply of other private sector energy and transportation fuels affecting the public.
 3. General will contact gas, telephone, and water utilities and industry coordinating groups serving the emergency area to obtain information about damage and/or assistance needed in their area of operations.
 4. Emergency Management will monitor the procedures followed by the individual utilities during a generating capacity shortage on their systems and the procedures followed by all utilities to ensure coordinated county wide action and communication.
 5. Emergency Management will coordinate and communicate and report to the SEOC information regarding:
 - a. Sarasota County electric generating capacity;
 - b. Sarasota County expected electric peak load;
 - c. Geographic areas and number of customers that are expected to be most severely impacted, if available;
 - d. Status of major generating unit outages;
 - e. Expected duration of event and;
 - f. Explanation of utilities planned actions; and recommendations of agency actions in support of the utilities
 6. FPL will act as the authority for energy priorities.
 7. Emergency Management will communicate and coordinate with local, state and federal agencies and organizations in responding to energy emergencies and energy restoration.
 8. In the event of a shortage of automotive transportation fuels or non-utility fuels needed for other residential, commercial, or industrial purposes, General Services will direct efforts to obtain needed fuel supplies. General Services will also coordinate the activities of industry trade groups and associations in this effort.
 9. Emergency Management will communicate and coordinate with state and local news organizations to keep them apprised of energy shortfalls.

IV. FINANCIAL MANAGEMENT

All disaster respondents, city/county or otherwise, who assist due to request from the EOC, must submit their preliminary reimbursement request to Sarasota County Risk Management within 15 business days of stand down orders. The final request must include the following:

- A. Salaries - Provide a schedule for all employees, the times they worked, their pay rate and matching rate, separating regular time from overtime.
- B. Travel - Provide copies of the approved travel vouchers for the disaster response.

- C. **Equipment** - Provide a detailed description of the equipment used to assist, detailing the type and size, pump size and horsepower, where the equipment was used, number of hours per piece, per day, and type of work each piece performed. Beginning and ending engine mileage and engine hours.

EMERGENCY SUPPORT FUNCTION 13: MILITARY SUPPORT

ICS ASSIGNMENT: OPERATIONS

Primary Agency: Department of Military Affairs, Florida National Guard (FLNG)

Support Agency: Headquarters Battery, 3rd Battalion 265th Air Defense Artillery

I. INTRODUCTION

Purpose: The purpose of ESF 13 is to provide Military Support (Florida National Guard) to the State of Florida in times of a major or catastrophic disaster and/or civil unrest, and detail the responsibilities and the role of the Florida National Guard in conducting Rapid Impact Assessments.

II. CONCEPT OF OPERATIONS

A. General

1. **Mission:** When directed by the Governor or the GAR, the Adjutant General of Florida employs FLNG personnel and equipment, through appropriate commanders, to assist civil authorities.
2. **Execution:** The FLNG will provide Military Support to Civil Authorities in accordance with the existing Florida National Guard Operation Plan for Military Support to Civil Authorities (FLNG-MSCA).
3. **Concept of Operations:** As a potential disaster develops, or upon the occurrence of a disaster, the FLNG will dispatch the Military Support (ESF 13) Emergency Coordinating Officer (ECO) and his/her team will advise the State Emergency Response Team (SERT) Leader on FLNG capabilities and resources, the ongoing mission status, troop numbers, and estimated daily costs, and legal considerations. The SEOC will receive official mission requests to support other ESFs and pass through the ECO to the Adjutant General's Emergency Operations Center (TAG-EOC) for action.
4. Upon the issuance of the Governor's Executive Order and prior to an imminent disaster, when possible, the Adjutant General, through appropriate commanders, will mobilize and stage in and around the projected disaster area, personnel and equipment, as necessary, to restore/preserve law and order, support the committed elements, and provide support to other ESFs respectively as directed by the SERT Leader and within FLNG capabilities.
5. As supported ESFs determine that all available state resources are exhausted and/or a mission exceeds the ESFs' capabilities, the ESFs Primary Agency ECO will pass a request to ESF 13 in the form of a "Mission." This mission request will then be forwarded to the TAG-EOC for immediate staffing and determination of support ability. If the FLNG can support the requested mission, the Adjutant General will determine the number of personnel and type of equipment necessary through the appropriate commander who will immediately contact the supported agencies local point of contact for mission coordination.

Simultaneously, the ESF 13 ECO will be notified of mission acceptance and kept updated on mission status.

6. In direct support of the DEM, the FLNG will preposition RIATs prior to a disaster, when possible, or immediately following a disaster, and will be prepared to immediately deploy to the disaster area as conditions allow. Each RIAT will be comprised of civil utility and infrastructure representatives, a DEM representative and appropriate state agency representatives. The composition, mission, deployment, and logistical requirements of the RIAT are contained in the FLNG and State of Florida Operation Plan for Rapid Impact Assessments.
7. In major or catastrophic disasters requiring a large federal DOD response, the Adjutant General and his staff will serve in a liaison role between the State of Florida and the Active Component Commander in charge. As the state's first line military response in times of disaster and civil emergency, the National Guard will closely coordinate with the active federal military to ensure mutual support during federal disaster relief operations.

B. Organization

The Florida National Guard is a support agency for the other ESF's located in the State Emergency Operations Center.

C. Notification

1. ESF 13 response will be activated upon notification by DEM that an emergency condition is imminent or exists that requires personnel and/or resources of the FLNG. Initial notification will be made by the State Warning Point (SWP) by the All Page system to the designated ESF 13 ECO or alternate. If the ECO can not be reached by the All Page system they will be notified telephonically.
2. Upon notification of imminent or existing emergency conditions, the FLNG-ECO will notify the Adjutant General who will then order the activation of personnel and equipment as necessary to provide military support. Simultaneously, the SERT leader will notify SERT members, as required, and report immediately to the SEOC.
3. Based upon the magnitude of the FLNG activation, directors and staff will be activated and advised to report to TAG-EOC located at the Robert F. Ensslin Jr. Armory, SR 207 in St. Augustine. The staffing of TAG-EOC will be dictated by mission requirements.
4. As FLNG units are activated, the Adjutant General will appoint an Area Commander. The Area Commander will normally be a Colonel or Brigadier General who will assume operational command and control of all FLNG assets operating within this area of operations. The Area Commander will receive all mission tasking from TAG-EOC.
5. FLNG units will utilize existing unit alert plans to assemble troops at their home station. Orders for deployment will be forwarded through military channels to the Commanding Officer of the unit or units mobilized.
6. Immediately following the occurrence of a major or catastrophic disaster, the FLNG will deploy RIAT(s) as required. The composition of these teams will include civil utility and infrastructure experts, as appropriate. The mission of the RIATs will be to expeditiously evaluate

the immediate needs of the affected population as a result of infrastructure (communications, transportation, utilities) loss or damage and availability of essential services (food, water, housing, medical) within the impacted area.

D. Actions

1. Preparedness

ESF 13 conducts regional Liaison Officer (LNO) Training Courses for members of each Task Force. These LNO's are utilized to assist the Emergency Preparedness Managers in the affected counties on the capabilities and limitations of the FLNG and to assist them in the operations of their Emergency Operations Centers (EOC). Rapid Impact Assessment Team (RIAT) training is conducted yearly, dependent on funding from the state. The FLNG also trains throughout the year on its wartime mission which increases the readiness of the FLNG.

2. Response

- a. All FLNG units are potentially available to support civil authorities during times of emergency or disasters. The FLNG is task organized to support minor, major, or catastrophic emergencies/disasters. Task Force organizational integrity will be retained when operational requirements permit. However, any FLNG element may be modified to create special Task Force (TF) organizations and attached to other units to enhance the capability to provide greater support during major/catastrophic emergencies. Response operations focus on those of life saving functions required by the population in the disaster area. Examples of response the FLNG can provide during a state of emergency include:

➤ Evacuation	➤ Rapid Impact Assessment
➤ Search and Rescue	➤ Transportation of Supplies and Services
➤ Distribution Points	➤ Provide and Operate Generators
➤ Mass Feeding	➤ Communications
➤ Clear Roads and Bridges	➤ Emergency Medical Support
➤ Comfort Stations	➤ Remove and Transport Debris
➤ Water Purification	➤ Base Camp for Emergency Workers
➤ Aviation Operations	➤ Law Enforcement and Security
➤ Engineer Support	➤ Civilian Acquired Skills

- b. The FLNG will resist attempts to utilize equipment/personnel below a company organization level.

3. Recovery

Recovery operations begin the process of returning the community infrastructure and services (both municipal and commercial) to a status

that satisfies the need of the population. FLNG will continue to provide military support to lead agencies during the recovery, however, the FLNG assets will typically be incrementally withdrawn as services are contracted to the civilian sector and local/state agencies regain control of the situation utilizing organic resources. FLNG forces will adjust or redeploy as operations transition from the response and recovery stage to the restoration stage.

4. Mitigation

Mitigation actions are not applicable to ESF 13.

E. Direction and Control

1. Command of the National Guard is exercised through the Adjutant General of Florida (TAG) or his designated military representative. Command and Control is administered through TAG's Emergency Operations Center, IAW the FL-STARC, EOC-SOP. Mission assignments are received, staffed and approved by the TAG. Mission tasking is through normal military channels to the appropriate units organization for mission execution.
2. Rapid Impact Assessment: Command and Control is the responsibility of the FDEM. This is accomplished through the SEOC and the Rapid Impact Assessment Team (RIAT) leader IAW the FLNG and State of Florida OPLAN for RIAT. The FLNG OIC/RIAT Assistant team leader will, in the absence of the team leader, perform the duties and responsibilities of the team leader. All mission tasking is approved by DEM in coordination with FLNG.
3. Southern Regional Emergency Management Assistance Compact (EMAC). Out of State National Guard units and organizations will be under the Command and Control of the Adjutant General of Florida. In addition to the guidance outlined in the EMAC additional coordination between TAGs will be contained in established MOAs and MOUs.

III. RESPONSIBILITIES

A. Primary Agency: Department of Military Affairs (Florida National Guard).

1. Provide ECO representation on the SERT.
2. Provide Military Support to civil authorities on a mission request basis, within FLNG capabilities, and within the limitations of existing state law, military regulations, and the applicable Governor's Executive Order.

B. Policies: In accordance with existing National Guard Bureau (NGB)

Regulations, it is understood that the primary responsibility for disaster relief shall be with local and/or state government, and those federal agencies designated by statute.

1. When the situation is so severe and widespread that effective response and support is beyond the capacity of local and state government, and all civil resources have been exhausted, assistance is provided.
2. When required resources are not readily available from commercial sources, National Guard support will be furnished if it is not in competition with private enterprise or the civilian labor force.

3. National Guard resources will normally be committed as a supplement of civil resources that are required to cope with the humanitarian and property protection requirement caused by a civil emergency or mandated by law.
 4. Assistance will be limited to the task that, because of experience and the availability of organic resources, the National Guard can accomplish more effectively or efficiently than other agency.
 5. When an emergency or disaster occurs and waiting for instructions from higher authority would preclude an effective response, a National Guard commander may do what is required and justified to save human life, prevent immediate human suffering, or lessen major property damage or destruction. The commander will report the action taken to higher military authority, and to civil authority as soon as possible. Support will not be denied or delayed solely for lack of a commitment for reimbursement or certification of liability from the requester.
 6. The National Guard will be employed with adequate resources to accomplish the mission when conducting civil disaster/emergency relief operations. That determination will be made by the on-scene commander or the senior officer present. Military support to civil authorities will terminate as soon as possible after civil authorities are capable of handling the emergency.
 7. When an public service is lost or withdrawn, and an immediate substantial threat to public health, safety, or welfare is evident, the National Guard may be called to restore and/or continue that public service. It is desirable that supervisors, managers, and key personnel of the public service be available to provide technical assistance to National Guard personnel. In the absence of key public service personnel, the state Adjutant General will make plans and coordinate with appropriate civil authorities to perform the mission within the capabilities and limitations of the National Guard.
 8. The capability of the National Guard to assist in the restoration/continuation of public services depends primarily on the degree of military or civilian skills possessed by National Guard personnel.
- C. Chapter 250 (Military Code) of the Florida Statutes designates the Governor, as the Commander in Chief of all militia (FLNG) of the state, to preserve the public peace, execute the laws of the state, and respond to state emergencies. The Governor, at his discretion may order all or part of the militia into active service of the state. Activation of the militia is accomplished thorough the issuance of a Governor's Executive Order.

IV. FINANCIAL MANAGEMENT

All disaster respondents, city/county or otherwise, who assist due to request from the ESF 4, must submit their preliminary reimbursement request to Sarasota County Risk Management within 15 business days of stand down orders. The final request must include the following:

- A. Salaries - Provide a schedule for all employees, the times they

worked, their pay rate and matching rate, separating regular time from overtime.

- B. Travel - Provide copies of the approved travel vouchers for the disaster response.
- C. Equipment - Provide a detailed description of the equipment used to assist, detailing the type and size, pump size and horsepower, where the equipment was used, number of hours per piece, per day, and type of work each piece performed. Beginning and ending engine mileage and engine hours.

V. REFERENCES AND AUTHORITIES

A. References

- 1. DOD Directive 3025.12, Use of Military Resources During Peacetime Civil Emergencies within the U.S., Its Territories and Possessions.
- 2. National Guard Regulation 500-1, Military Support to Civil Authorities (NGR-MSCA).
- 3. Headquarters, Florida National Guard Operation Plan for Military Support to Civil Authorities (FLNG-MSCA).
- 4. Headquarters, Florida National Guard and State of Florida Operation Plan for Rapid Impact Assessments (FLNG-RIAT).
- 5. Florida State Area Command, Emergency Operation Center Standard Operating Procedures (FL-STARC, EOC-SOP).
- 6. Chapter 23, F.S., Florida Department of Law Enforcement, Florida Mutual Aid Plan and the Florida Mutual Air Act.

B. Authorities

- 1. Governor's Executive Order.
- 2. Chapter 250, Florida Statutes, Military Code.
- 3. Chapter 252, Florida Statutes, Emergency Management.

EMERGENCY SUPPORT FUNCTION 14: PUBLIC INFORMATION**ICS ASSIGNMENT: INFORMATION OFFICER**

Primary Agency: Emergency Management/County PIO

Support Agencies: Sarasota County School Board PIO and Alternate
Law Enforcement PIO Officer
Fire Agency PIO Officer

I. INTRODUCTION

Purpose: The purpose of ESF 14 is to disseminate information on emergencies to the general public. ESF 14 is concerned with information on emergencies in which local governments have requested state assistance, to coordinate, prepare and disseminate all disaster-related information to the media. ESF 14 also coordinates, prepares and disseminates disaster-related information to the general public through The Cable television network locally.

II. GENERAL

The need for establishing designated public information channels is essential in order to provide for an understanding of individual responsibilities, actions and duties when Emergency Management Plans are placed into operation. Public actions may be directed through designated public information channels when disaster appears imminent, during emergency conditions, and throughout the post-emergency recovery period. Pre-disaster information programs serve to increase public awareness of Emergency Management programs, to educate the public on ways to protect life and property, and to inform the public on the availability of further assistance or related information.

During emergency conditions, the public should be informed of measures implemented during efforts to manage the situation, including governmental decisions, recommendations and instructions. Timely, accurate, authoritative information becomes vital under these circumstances. In the absence of correct information, the public may otherwise rely upon rumors, hearsay or misinformation that cause panic, fear, confusion, and hesitation. A continuous flow of adequate information is necessary to provide full public knowledge of the disaster conditions, safety precautions, and relief services available.

In order for Emergency Management officials to fulfill this obligation for public information, a chain of command concerning informational services is established. By this Annex, Emergency Management officials within the Emergency Operations Center will coordinate the Public Information Services Team which is comprised of the above mention primary and support agencies.

A. DEFINITIONS

1. The phrase "Education and Training" as referred to in this plan will include all instructional activities and facilities which are necessary to inform and train individuals to fulfill emergency responsibilities prior to, during, and after emergency conditions are declared.

Education and training will encompass advanced education, public instruction, technical or vocational training, and general related education for children, youth, and adults.

2. The phrase "Public Information" referred in this plan, will include all personnel and facilities, public and private, designated as appropriate channels for the collection, preparation, and dissemination of the emergency operations-related information. Designated channels will include electronic and print media services, public address systems and support systems appropriate for certain emergency conditions, as described by Emergency Management officials.

B. **MISSION**

The mission of the Public Information Service is to provide for the recruitment, training and assignment of personnel, in addition to providing for the necessary facilities and public communications channels required to perform educational training and public information functions.

C. **SITUATION**

1. The normal everyday educational and public information facilities may be interrupted as a result of disasters.
2. The effects of severe natural or man-made disasters could incapacitate or render inoperable educational and mass communications facilities.

D. **ASSUMPTIONS**

It should be assumed that emergency conditions will require utilization of all designated mass communications systems in order to provide for public safety. Print and electronic media may be used to forewarn and educate the public regarding actions required to evacuate endangered areas, to secure areas subjected to lesser degrees of damage, and to facilitate recovery operations during the post disaster period.

Emergency Management officials must remain responsive to routine media and public requests for information before, during, and after emergency conditions occur. Prompt responses to public and media inquiries may be assured by close cooperation between the Department of Emergency Management and designated staff. This arrangement will enhance the exchange of public information without causing undue interference with certain duties of the Executive Director of the Department of Emergency Management.

III. **ORGANIZATION**

A. **NORMAL CONDITIONS**

This involves the routine, day-to-day operations of the Department of Emergency Management. Information disseminated during this stage will consist of systematically approved news releases, news features, and radio and television programs, all intended to instruct the public regarding potential hazards involving natural or man-made disasters. The emphasis during this stage will involve explanations of individual responsibilities and actions to be taken during emergency conditions to minimize the loss of life, injuries and property. These

programs are proposed to increase public awareness of the Department of Emergency Management programs and to educate the public concerning proper methods for obtaining additional information and assistance.

Ongoing activities will also include the development of working relationships with news media personnel and related organizations in order to facilitate prompt, accurate news coverage of the Department of Emergency Management operations. Ongoing activities will also include the development of working relationships with news media personnel and related organizations in order to facilitate prompt, accurate news coverage of Emergency Management operations.

Working at the direction of the Director of Emergency Management, designated staff shall be responsible for developing uniform information distribution systems; media orientation sessions; improving citizen preparedness during the year; establishing a remote command post communications system from the Cattlemen Road complex; developing procedures for directing media representatives to designated areas adjacent to the Emergency Operations Center; and developing a working knowledge of equipment and procedures used for processing public information. The designated staff shall remain available to the Executive Director of the Department of Emergency Management on a priority basis.

B. EMERGENCY

Response: ESF 14 will publicize, through the media, response activities that directly benefit affected communities. Response activities that would be publicized include: location of shelters and feeding stations; location of comfort stations; boil water orders; road closure information; school and office closing information; environmental hazards. ESF 14 will continually brief the Florida Emergency Information Line on this information so that it can be disseminated directly to the public. ESF 14 will respond to media who request to follow Rapid Impact Assessment Teams in the field.

This stage begins when the Director of the Department of Emergency Management, the Board of County Commissioners, or appropriate authorities determine that conditions with the potential for developing into an emergency situation are imminent or so probable that elevated readiness or response procedures are necessary.

With the onset of emergency conditions, designated staff will issue public service announcements characterizing or estimating the nature of the disaster and the probable degree of impacts to threatened communities.

At the direction of the Director of the Department of Emergency Management, designated staff will prepare and issue clear, concise and timely information and instructions to the general public and to the media. Information disseminated during this stage will be primarily directed toward the survival, health and safety of the population within the disaster area.

Designated staff will work with the Director of the Department of Emergency Management to provide for and arrange reports concerning periodic weather

conditions, government response levels, and related information through the media and County broadcast systems. Information sources will include the law enforcement command center, remote County operations areas, interviews with key personnel, and standard guidelines, issued by staff. PIO will establish contact points or communication lines for media inquiries.

Recovery: This stage begins when emergency operations cease and continues until the needs for recovery and rehabilitation procedures are satisfied. The Director of the Department of Emergency Management and designated staff shall evaluate information obtained from all operation levels, related agencies, and other sources. This information, once it is analyzed, edited, and compiled, will become included in the continuous flow of information to the media and general public. News releases will include status reports of post-disaster conditions, explanations of efforts by emergency management teams to alleviate disaster-related problems, descriptions of what types of disaster relief are available, including information regarding where and how disaster victims may apply for such assistance.

ESF 14, working in consultation with the EM Director, will respond to reporter inquiries for damage assessment statistics and estimates. In coordination with FEMA, ESF 14 will publicize the status of disaster declarations, types of assistance available to disaster victims, and recovery center locations. ESF 14 will respond when asked to staff a Disaster Field Office. Most often the Communications Director will seek assistance from county PIO's or will contract for an operations P.O..

Mitigation: ESF 14 will publicize EM's significant accomplishments toward mitigation.

Staff shall maintain a log of disaster-related activities for evaluation, including shelter operations, law enforcement and security reports, utility damages, etc., to relay to operations officials and the media. The Sarasota County EOC through the Board of County Commissioners will coordinate rehabilitation of evacuated areas only after areas are deemed safe. The rehabilitation process is clearly defined in Ordinance No. 86- and will be communicated in a uniform fashion, by the Public Information Team, including necessary public safety precautions and guidelines.

IV. CONCEPT OF OPERATIONS:

A. BASIC POLICIES AND GENERAL PRINCIPLES

1. The concept of the Department of Emergency Management Public Information Service operations shall be based on the following policies and general principles:
 - a. In the event a natural or man-made disaster occurs in Sarasota County, public safety, and morale will be directly keyed to the availability of authoritative information.
 - b. The use of, and coordination of all public information agencies will be essential to keep the public informed. Systematic procedures for developing and disseminating information must be adhered to in order for

the Emergency Operations Center to function properly, including the use of designated staff for media or public inquiries and responses.

B. GENERAL INSTRUCTIONS

The Public Information Officer is responsible to the Executive Director of Emergency Management and, in turn, to the Board of County Commissioners for communicating emergency messages through the electronic and print news media or other designated channels. At the direction of the Director of the Department of Emergency Management, the Public Information Officer (PIO) shall:

1. Develop plans and procedures, including administrative staff and technical support, as required for the efficient and effective performance of public information functions.

These functions will include provisions for coordinating Emergency Management information and news releases with cable television officials on designated channels; preparing messages using the cable teleprompter for public information advisories; establishing an unlisted media telephone line to be manned by the PIO for receiving inquiries and for distributing news releases; permitting and coordinating installation of paid telephone circuitry for media in designated media area; instructing switchboard to route media inquiries to PIO; develop system for controlling media access to EOC except for news media using rotation basis; coordinate media identification system by maintaining roster of registered media representatives; designating area adjacent to EOC for media pool and arranging for media's physical needs; develop disaster status boards and provide for periodic update in EOC and media areas.

2. Provide the following information to the public and the news media:
 - a. Characterize and identify all areas that must be evacuated, including information concerning weather status, and radio station messages including map profiles and word pictures of evacuation areas for storm categories 1, 2, 3, 4, 5, including road profiles, routes, and evacuation destinations.
 - b. The identity and locations of all American Red Cross public shelters that will be opened to receive evacuees.
 - c. Provide for steady stream of public service information to the evacuees of Sarasota County in cooperation with other designated Emergency Management personnel, cable TV, radio, and local television stations.
 - d. The schedule and procedures that evacuees should follow during a voluntary evacuation, followed by the time that a mandatory evacuation is to commence.
 - e. The ordering of all bridges between the keys and the mainland to be secured in the closed position.
 - f. Information concerning the extent and amount of damage and casualties caused by the disaster, coordination with damage assessment teams, and utility officials.
 - g. Types of disaster relief assistance available and locations of Disaster Assistance Centers. Work with the Director of the

Department of Emergency Management to complete guidelines for rehabilitation and return of evacuees to evacuated areas and homes, including spot evacuations. Include coordination with law enforcement command center and instructions for appropriate safety information such as bottled water instructions.

- h. The PIO shall be responsible to decimate the Hurricane Advisory information as directed by the Incident Commander (Reference SOP #13).

V. **EXECUTION:**

When the Emergency Operations Center is activated, the Public Information Team will operate in accord with established procedures set forth in the Sarasota County Peacetime Emergency Plan.

Past, present, and ongoing public information programs include utilization of print and electronic news media for public information services, distribution of educational and instructional materials in public places, and programs for the public education system and school district students, administered by the Director of the Department of Emergency Management. The Director and Deputy Director of the Department of Emergency Management present no less than 25 public information presentations yearly, targeting area mobile home parks.

Periodic press conferences or informational sessions will be scheduled in an effort to coordinate information released to the public during emergency conditions. Rumor control during the activation is accomplished through the use of the Sarasota County Parks and Recreation Department staff, who are located in the Emergency Operations Center and staff the incoming telephone lines. This staff is available to the Director of Emergency Management on an on-going basis. The staff is given frequent updates on the status of the emergency so that accurate information is given to the public when a telephone call is received. Information on individuals injured or missing due to a disaster event is coordinated and disseminated through the local Chapter of the American Red Cross.

The Public Information Team in coordination with the Director of the Department of Emergency Management shall for the collection and dissemination of public service information, including the use of the following radio and television stations:

<u>AM Radio</u>	<u>FM Radio</u>	<u>Television</u>
WAMR	WAMR	WWSB
* WENG	WKZM	Comcast Cable
* WKXY		SNN
WQSA	WSPB	
WSGX		

(* Stations selected as prime broadcast stations in the event other stations fail).

All stations listed except WAMR, WKZM, and WOSA have emergency power, and they will broadcast warning and advisory information as needed.

Station WKXY will broadcast emergency information in English and Spanish. In addition, bi-lingual staff of the Sarasota County School Board is available to the Public Information Officer. The Department of Emergency Management also utilizes an AT&T telephone translating service for relaying information to non-English speaking citizens.

The Public Information Team will provide public information bulletins to designated radio and television stations, including coordination of on-site, remote broadcasts with radio stations, cable TV, and local television stations from designated areas(see attachment memorandum for cable access.)

Infirm and handicapped people who are registered with the Department of Emergency Management shall be notified of emergency conditions, if appropriate, by telephone.

Tourists registered at local motels, hotels, apartments, condominiums, and other resort establishments should be notified of the impending disaster by the corresponding facility manager through the Public Information Team.

VI. RESPONSIBILITIES - COUNTY:

A. THE BOARD OF COUNTY COMMISSIONERS

The Sarasota County Board of County Commissioners having general direction and control of the Department of Emergency Management programs and County functions, is responsible for the policy governing emergency actions.

B. THE DIRECTOR OF EMERGENCY MANAGEMENT

The Director of Emergency Management is the head of the Public Information Services, under the direction and control of the Board of County Commissioners. He is responsible for the administration and operations of the Public Information Services, consisting of education, training, and public information. He shall be responsible for alerting the Public Information Officer, establishing headquarters, and the placing of Standing Operations Procedures in effect for continuous operation under emergency conditions.

C. PUBLIC INFORMATION OFFICER

At the direction of the Director of the Department of Emergency Management, the PIO shall be responsible for the organization, training, and operations of matters concerning public information. He will be responsible for the establishment of proper working relations with other agencies, individuals, and related groups in order to build an awareness, understanding, and acceptance of Emergency Management activities. Representative duties include:

The Public Information Officer Team shall be composed of:

1. The Sarasota County Management Research Analyst;
2. School Board PIO and alternate;
3. Law Enforcement PIO Officers;
4. Fire agencies PIO officers.

The Public Information Officer shall maintain personnel roster and listings of Public Information sources, such as Emergency Management officials, news media or other media relating to public communications. He shall instruct news media representatives concerning the role of the PIO during emergency

conditions and provide technical and supportive information regarding Emergency Operations Center functions. He shall establish a rapid, uniform media notification system and maintain contact with other emergency agencies or utilities.

The Public Information Officer shall supervise the collection, preparation, and dissemination of appropriate routine and emergency messages to all mass media or designated communications channels. He shall monitor Board of County Commissioner meetings, meetings of the Emergency Operations Center staff and prepare news releases accordingly, including the schedule for periodic updates of public information, meeting schedules, and cable television messages. He shall establish communications with Emergency Operations centers established in the field during spot disasters in order to prepare public information releases, including operations based at other County facilities.

The Public Information Officer shall establish and maintain liaison with all news media representatives, and provide for the recruitment, assignment, training, and operations of personnel within the Public Information Team. He shall arrange and conduct meetings with the media in advance of emergency conditions on an annual or routine basis in order to review media needs, responsibilities, and informational needs.

The PIO shall also coordinate with other public information specialists and serve as a contact point for them, including American Red Cross and Sarasota Memorial Hospital; serve as a contact point for area utilities; maintain files of all media reports related to Emergency Management Operations and evaluate reports for accuracy.

The Sarasota County American Red Cross in conjunction with the Department of Emergency Management and the Welfare Services has established a Sarasota County Chapter of The National Voluntary Organizations Active In Disaster to provide input and coordination of the activities of private relief organizations including area churches and members of the private sector.

VII. FINANCIAL MANAGEMENT

All disaster respondents, city/county or otherwise, who assist due to request from the EOC, must submit their preliminary reimbursement request to Sarasota County Risk Management within 15 business days of stand down orders. The final request must include the following:

- A. Salaries - Provide a schedule for all employees, the times they worked, their pay rate and matching rate, separating regular time from overtime.
- B. Travel - Provide copies of the approved travel vouchers for the disaster response.
- C. Equipment - Provide a detailed description of the equipment used to assist, detailing the type and size, pump size and horsepower, where the equipment was used, number of hours per piece, per day, and type of work each piece performed. Beginning and ending engine mileage and engine hours.

EMERGENCY SUPPORT FUNCTION 15: VOLUNTEERS AND DONATIONS**ICS ASSIGNMENT: LOGISTICS**

Primary Agency: Social Services

Support Agencies: Adventist Community Services, American Red Cross, Associated Industries, Christian Disaster Response, Church World Service, Department of Elder Affairs, Florida Interfaith Networking in Disaster, Florida Association of Volunteer Centers, Florida Jaycees, Florida VOAD, The Salvation Army, The United Way

I. INTRODUCTION

Purpose: The primary function of ESF 15 is to coordinate the provision of donated services and goods to meet the needs of the impacted area. A local coordination group comprised of voluntary organizations and agencies will be activated to facilitate the provision of volunteers and donations based on assessed needs. ESF 15 will not be activated in all disasters, but only in response to a verifiable need within the impacted area.

II. CONCEPT OF OPERATIONS**A. Organization**

The Social Services Department will act as the lead agency for Volunteer/Donations Coordination and will liaison with ESF 15 agencies, local coordinators for Volunteer/Donations. ESF 15 will coordinate with other ESFs in keeping with their scope of work agreements, to serve as a source of information as to the availability and coordination of voluntary services and for donated resources.

B. Notification

ESF 15 will not be activated in every disaster. However, when activated by the EOC operations officer, the following actions will occur:

1. **Level I:** During this phase the lead agency will check the contact list to ensure its accuracy and to make courtesy calls to support agencies to provide current status information for the event.
2. **Level II:** During this phase the lead agency is responsible for notifying essential voluntary agencies, requesting that they report to the Emergency Operations Center. These support agencies then notify their local, regional offices per their plans.
3. **Level III:** This level includes a full activation of the State Emergency Response Team. All participating ESF 15 agencies will be notified. Some voluntary agencies will not come to the EOC, but will have a vital part of the overall state response. These agencies are included because of their field support activities.

C. Actions

1. Preparedness

- a. Maintain and distribute as necessary, a roster of agency contacts and support personnel.
 - b. Identify and schedule disaster operations training.
2. Response
 - a. Inventory, update and maintain a data base of offers of services and goods.
 - b. Liaison with other ESFs regarding available donated resources.
 - c. Maintain a daily log of activities and action plans, including scheduling staff and submitting SITREP information to ESF 5.
 - d. Assist in the coordination of field activities related to donated goods including the Donations Hot Line, Data Base, Regional Relief Center, Staging Area and volunteer/donations liaisons.
 - e. Ensure appropriate information intended for public distribution is made to ESF 14.
3. Recovery
 - a. Initial
 - 1) ESF 15 will assist in procuring volunteers for state outreach teams.
 - 2) State Regional Relief Center(s) will continue to disburse donated goods in an expeditious and organized manner to relief agencies in the impacted area.
 - 3) Lead agency staff will represent ESF 15 at initial unmet needs meetings in the impacted area.
 - 4) ESF 15 will support voluntary agency operations in providing recovery related activities by providing data base information.
4. Mitigation

ESF 15 may be represented on the Community Redevelopment Task Force. These Task Forces typically monitor long term rebuilding activities and assists in the coordination of local rebuilding, relocation and voluntary agency assistance activities. The Task Force considers possible rule and ordinance changes which would reduce disaster related costs through proper mitigation activities.

D. Key Functions

1. The ESF 15 data entry operator will enter all information which is received on volunteer/donations forms from the ESF 15 agencies to enter situation report information; and ensure that a print out of these documents is distributed throughout the EOC daily.
2. ESF 15 will coordinate with all other ESFs in compiling a daily needs list which will be provided to ESF 14 for public release. This information may include pick-up points and any specific field information useful to the public. Information for situation reports will be provided to ESF 5 and ESF 14.
3. Ensure appropriate recognition of individual and agency efforts is accomplished and coordinated through ESF 14.
4. Staff will be responsible for monitoring and updating of the message log of volunteer/donations lists; and other reporting responsibilities.
5. Additional staff support persons may be needed to answer incoming donations calls prior to any activation of the Donations Hotline at the EOC.

6. ESF 15 lead agency staff, in coordination and collaboration with the Sarasota Volunteer Center and Volunteer Center South, will develop and manage one or more Volunteer Reception Centers (VRCs).
Purposes of VRCs:
 - a. Provides one or more central locations for unaffiliated, non-local volunteers to report to following a disaster.
 - b. Screens volunteers for basic demographic variables, certifications, licenses, knowledge, and abilities.
 - c. In consultation with other ESFs in the EOC, assigns unaffiliated volunteers to these other ESFs, as requested and needed.
 - d. Trains unaffiliated volunteers on the nature and the scale of the disaster, the human and pain and suffering and the damage that might be seen, and general safety concerns.
 - e. In coordination with other ESFs, trains volunteers for specific functions.
 - f. Provides volunteer with suitable personal and vehicular identification, and needed safety equipment.

E. Field Activity

1. Volunteer/Donations coordinators at the local level may serve as a member of the needs assessment team.
2. The Regional Relief Center, Donations Warehouse, and the state Staging Area will coordinate response efforts with ESF 15, but are not subordinate to ESF 15.
3. (The) Volunteer Reception Center(s) will coordinate efforts with ESF 15 and is/are subordinate to ESF 15 EOC operations.
4. The State Donations toll-free Hotline will be activated as needed at the Florida Department of Law Enforcement. Offers of volunteers and donations will be logged on a data base until the Regional Relief Center is operational.
5. Assist in directing ad hoc volunteers to agencies involved in disaster response.

III. RESPONSIBILITIES

A. Primary

The Social Services Department of Sarasota County Government, is the primary agency for ESF 15. It will be responsible to coordinate and support the activities of ESF 15. ESF 15 will also be responsible for submitting reports to the IC.

1. General Services will be coordinated from the EOC during activation. ESF 15 will respond to message form requests approved by the EOC/ICS Logistics Officer. Any requests which cannot be filled by items already available in the data base or through solicitations made by participating support agencies will be returned to the message center for reassignment. Message updates will be made regarding the progress in acquiring donated items or services.
2. General services will ensure voluntary agencies continue to be operational when the EOC is no longer activated. Activities may be

coordinated from the Disaster Field Office and may involve limited participation of VRCs, Recovery Centers, ongoing voluntary relief agency Donations Warehouses or Regional Relief Center coordination.

B. Responsibilities of Supporting Agencies

1. **Adventist Community Services**
 - a. Provide management for a Donations Warehouse if requested by the county.
 - b. Provide distribution of food, clothing, water and other needed items.
 - c. Maintain close coordination with ESF 15 on utilization of above resources.
2. **American Red Cross**
 - a. Provide liaison to EOC when an ARC representative is not available to sit at ESF 15. ESF 15 personnel should interact with the ARC liaison assigned to ESF 6.
 - b. Provide the toll free telephone numbers for Volunteer/Donations Hotline information for the disaster.
 - c. Coordinate with Chapter offices and the disaster relief operation (DO) to identify unmet needs.
 - d. Produce a resource directory of services available specifically to the current disaster which will be distributed to agencies through the DO.
3. **Associated Industries**
 - a. Coordinate with affiliated members during a disaster in procuring needed donated items.
 - b. Assist with the procurement and transportation of supplies and essential items to the impacted area.
4. **Christian Disaster Response** will respond on a denominational basis with the following programs:
 - a. Provide an initial on-site Disaster Assessment Program.
 - b. Provide disaster Needs Assessment Program for interfaith groups.
 - c. Provide on-site Disaster Needs Assessment by trained COR, volunteers and make this information available as requested to qualified agencies.
 - d. Utilize CDR Regional Centers nationally to stockpile food, clothing, building materials, medical supplies, etc.
 - e. Provide transportation of relief supplies to assist other agencies.
5. **Church World Service**
 - a. Provide a point of contact for liaison between responders from the religious community, among themselves and government and other voluntary agencies.
 - b. Facilitate cooperative, coordinated response in relief and recovery by the religious community in affected areas through counsel and assistance to representatives of national denominations and communions, local judicatories and state and local ecumenical and interfaith organizations who seek to work together within the context of an interfaith recovery program.
6. **FIND (Florida Interfaith Networking in Disaster)**

- a. Promote county/area interfaith coalitions and training (prior to disaster) that bring faith communities together with Emergency Management leadership and other disaster response organizations.
 - b. Provide written resources and training which encourage the various faith communities to develop state, district and local congregational disaster plans for readiness, response and recovery.
 - c. Place FIND volunteers in the EOC (ESF 15) as needed during disasters in order to:
 - 1) Provide up to date and accurate information to the faith communities.
 - 2) Assist in the identification and provision of materials and human resources for disaster response and recovery efforts.
 - d. Encourage the faith communities to be involved in long range mitigation efforts of promoting safe and secure housing, healthy communities, and organized disaster emergency training.
7. Florida Association of Volunteer Centers
- a. Provide a liaison to the EOC.
 - b. Ensure that volunteers are available for the Florida Donations toll-free Hot Line.
8. Florida Department of Elder Affairs
- a. Provide liaison to the EOC.
 - b. Assist with coordination of volunteer agencies to identify unmet needs at the local level.
 - c. Provide assistance with locating volunteers to conduct outreach and case management.
 - d. Provide information on needs of elders.
9. Florida Department of Children and Family Services
- a. Provide the medical toll-free telephone number for processing medical personnel donating their time.
 - b. Provide coordination with ESF 8.
10. Florida Jaycees
- a. Provide a liaison to the EOC.
 - b. Coordinate with local chapters.
 - c. Assist with gathering and transporting goods which have been identified as a need.
11. Florida Volunteer Organizations Active in Disasters (FLVOAD).
- a. Provide a liaison to the EOC.
 - b. Coordinate with member agencies throughout Florida to determine disaster related needs/resources.
12. Salvation Army
- a. Provide a liaison to the EOC.
 - b. Assist with warehousing and distribution of donated goods.
 - c. Provide the toll-free telephone for Volunteer/Donations Hotline information.
 - d. Coordinate with local offices to identify unmet needs.
13. United Way

- a. Coordinate with Florida Association of Volunteer Centers throughout Florida to assure proper utilization of volunteers.
 - b. Provide liaison for area offices throughout Florida.
- 14. Second Harvest Food Banks - Florida
 - a. Provide supplemental groceries, if available, in support of ESF 11. (Transportation may be a need).
 - b. If the disaster is a Class 4 or 5 disaster as defined in the Second Harvest Disaster Relief Response Plan, request the assistance of the Second Harvest National Food Bank Network. They will assist in soliciting donated groceries and in the coordination of available transportation of donated groceries into the disaster area.
 - c. Assist with warehousing and distribution of donated groceries to eligible agencies.

IV. FINANCIAL MANAGEMENT

All disaster respondents, city/county or otherwise, who assist due to request from the EOC, must submit their preliminary reimbursement request to Sarasota County Risk Management within 15 business days of stand down orders. The final request must include the following:

- A. Salaries - Provide a schedule for all employees, the times they worked, their pay rate and matching rate, separating regular time from overtime.
- B. Travel - Provide copies of the approved travel vouchers for the disaster response.
- C. Equipment - Provide a detailed description of the equipment used to assist, detailing the type and size, pump size and horsepower, where the equipment was used, number of hours per piece, per day, and type of work each piece performed. Beginning and ending engine mileage and engine hours.

V. AUTHORITIES AND REFERENCES

Chapter 252, Florida Statutes.

SARASOTA COUNTY GOVERNMENT

Emergency Support Function (ESF) 15 - 2 VOLUNTEERS Management Policy

A. DEFINITIONS:

1. **Affiliated Volunteers** - a person who enters into a service of his own free will who **HAS MADE** a commitment to a particular agency to act on their behalf.
2. **Unaffiliated Volunteers** - a person who enters into a service of his own free will who **HAS NOT MADE** a commitment to a particular agency, but rather is willing to respond to circumstances as directed or where the greatest need is deemed to be by the authorities.

B. AFFILIATED VOLUNTEERS:

1. Volunteers will be recruited as an ongoing function of the relevant agencies, i.e. Volunteer Centers, Volunteer Organizations Active in Disaster (VOAD), the American Red Cross, the Salvation Army, etc. Data Bases will be maintained separately, as necessary, to meet the needs of the individual agencies.
2. An in-common central volunteer data base will be a goal of the participating organizations through a cooperative agreement. All data bases should lean in the direction of compatibility with the referenced central data base as soon as practicable based on the availability of funding, training, staffing (volunteer or paid), and computer software and hardware.
3. Training coordination for affiliated volunteers will be provided through each agency that the volunteer is affiliated with. The American Red Cross and the Sarasota County Emergency Management Department will be the primary training agencies, although other agencies may provide training as well.
4. The Sarasota County VOAD, whose main goal is to increase cooperation, coordination, communication, and education between organizations involved with disaster response, will also recruit, coordinate, and maintain a data base on **volunteers willing to affiliate themselves with the Sarasota County Emergency Management Department**. This function will be filled on a coordinated and cooperative basis with Volunteer Centers for northern and southern Sarasota County.
5. These volunteers, among other duties, will comprise an Emergency Management Department Core Unit of Volunteers (CUV). The characteristics of the Core Unit of Volunteers (CUV) are as follows:
 - a. These volunteers will be assigned to six (6) teams.
 - b. Disaster Preparedness Phase:
 - (1) These teams will call people registered with the PEOPLE WITH SPECIAL NEEDS PROGRAM (PSNP).
 - (2) Each team will be mobilized to report to the Emergency Operations Center (EOC) at designated times to work in four hour shifts.

- (3) The last shift of the Core Unit of Volunteers (CUV) may include families, and will remain at the EOC until after the disaster is over.
 - (4) Affiliated volunteers on the CUV team remaining at the EOC will require food and sleeping accommodations. Food is to be provided by the ESF 11; sleeping accommodations by the Emergency Management Department (related to Emergency Support Function [ESF 6]).
 - (5) The training for the disaster preparedness phase will be the responsibility of the coordinator of the PSNP.
- c. Disaster Recovery Phase:
- (1) The final team of CUV affiliated volunteers during the preparedness phase (the one which remains at the EOC during the disaster) will staff the initial response team in the recovery phase.
 - (2) The purpose of the teams during the recovery phase will be to process unaffiliated volunteers at one or more Volunteer Reception Centers.
 - (3) The organization and training for the recovery phase is the responsibility of the Volunteer Centers for northern and southern Sarasota County, with the assistance of VOAD, the ESF 15 EOC Coordinator, and the ESF 15 Staging Area Coordinator.

C. UNAFFILIATED VOLUNTEERS:

1. PREMISE: Following a major disaster, well-intentioned volunteers flock to the scene of the disaster to assist in the recovery.
2. Following a major disaster in Sarasota County, signage would be placed on major incoming routes (particularly on the Interstate Highway System) into Florida directing volunteers to the State of Florida Department of Community Affairs designated Regional Recovery Center. The most likely site for the Regional Recovery Center for a Sarasota County disaster would be the Florida State Fairgrounds in Tampa.
3. Following processing at the Regional Recovery Center, volunteers would be directed to the Sarasota County Volunteer Reception Center.
4. Signage would be placed on Interstate 75, U.S. 41, U.S. 301 and other appropriate incoming routes in order to direct the unaffiliated volunteers. Signage preparation and location is the responsibility of the Department of Transportation.
5. As deemed necessary by the Emergency Operations Center (EOC) and the Incident Commander, law enforcement personnel (ESF 16) will halt all traffic on Interstate 75 and other appropriate incoming routes. These personnel may provide maps with illustrated directions to the Volunteer Reception Center(s).
6. Functions at the Sarasota County Volunteer Reception Center would be designed to complement, but not duplicate, the functions of the Regional Recovery Center.
7. To avoid on site confusion and for safety reasons the Volunteer Reception Center would not

be located at the main staging area (Robarts Arena) or any secondary staging area (e.g., Venice Airport).

8. Furnishings, as necessary, would be provided through County Government.
9. The essential functions in processing (or reprocessing) the unaffiliated volunteers that would be located either at the Regional Recovery Center or the Volunteer Reception Center are as follows (note the attached flow chart):
 - a. **Volunteer Registration:** Each volunteer would need to fill out a complete registration form which would include information on:

(1) Knowledges	(5) Credentials
(2) Skills	(6) Special training
(3) Abilities	(7) Certifications
(4) Interests	(8) Licenses

Copies of the latter three would be necessary if consideration of them was to be given in making assignments.

- b. **Volunteer Assignment:**
 - (1) Unaffiliated volunteers would be assigned to any ESF (actually, the organization responsible in the EOC for that ESF) requesting volunteers based on the eight items listed in "Volunteer Registration" (Section ">C 9. a.") above. These ESFs (part of the Incident Command System - ICS) include:
 - (a) ESF 1 - Transportation
 - (b) ESF 2 - Communications
 - (c) ESF 3 - Public Works Engineering
 - (d) ESF 4 - Firefighting
 - (e) ESF 5 - Information & Planning
 - (f) ESF 6 - Mass Care
 - (g) ESF 7 - Resource Support
 - (h) ESF 8 - Health & Medical Services
 - (i) ESF 9 - Urban Search & Rescue
 - (j) ESF 10- Hazardous Materials
 - (k) ESF 11- Food
 - (l) ESF 12- Energy
 - (m) ESF 13- Military Support
 - (n) ESF 14- Public Information
 - (o) ESF 15- Volunteers & Donations
 - (p) ESF 16- Law Enforcement & Security
 - (q) ESF 17- Animal Issues.
 - (2) Volunteers would also be assigned a place with shelter and food (ESF 6) located convenient to the assignment.
 - (3) Reprocessing of volunteers for new assignments would begin at the Assignment Table.

- (4) A volunteer unassigned at the end of eight consecutive hours, when the Volunteer reception Center was open, would be thanked for their offer to help. An appropriate token of appreciation would be given to the unaffiliated volunteer whose services were not needed. Then, he or she would be asked to return to home as there were no appropriate volunteer assignments.
 - c. **Volunteer & Vehicular Identification:** The volunteer would be provided with personal identification and vehicular identification (when appropriate) which would be coded to indicate who the person was by or who the vehicle was owned by:
 - (1) Assignment
 - (2) Place of shelter and food
 - (3) Name.Preparation of these materials would be the responsibility of the County Emergency Management Department.
 - d. **Volunteer Disaster Briefing, Safety Training and Provisions:**
 - (1) Before reporting for his / her assignment, the volunteer would be briefed on:
 - (a) The nature and the scale of the disaster
 - (b) The human pain and suffering and the damage that might be seen
 - (c) General safety concerns.
 - (2) The volunteer would be provided with safety equipment appropriate for his / her assignment.
10. The Volunteer Centers are responsible for bringing hard copy and diskettes of their data bases of pre-registered unaffiliated volunteers (with the specialized skills of these volunteers) to the activated Volunteer Reception Center.
11. In consultation with ESF 5, the United Way and First Call for Help and their volunteers are responsible for maintaining a list of assignment sites for the volunteers, to include operating agencies, charitable organizations, 501c3 private, non-profit entities, contacts, backups, phone numbers, etc. which are operational in the area(s) struck by disaster.

EMERGENCY SUPPORT FUNCTION 16: LAW ENFORCEMENT AND SECURITY

ICS ASSIGNMENT: OPERATIONS

Primary Agency: Sarasota County Sheriff's Office

Support Agencies: City of Sarasota Police Department, Longboat Key Police Department, Venice Police Department and North Port Police Department

I. INTRODUCTION

Purpose: The purpose of ESF #16 is to establish procedures for the command, control and coordination of all county law enforcement personnel and equipment to support local law enforcement agencies.

II. CONCEPT OF OPERATIONS

A. General

When an emergency situation is anticipated or erupts, the Sarasota County Sheriff's Office will dispatch sworn personnel from the nearest affected agency(s) to establish aid liaisons and monitor the situation. Those personnel will coordinate any requests for additional county law enforcement resources from within the affected area of the county and make requested resources immediately available to the local law enforcement agency(s). Coordination of the use of state resources will be accomplished for the local law enforcement executive(s) by the Special Agent in Charge or a designee from the EOC. Should the situation escalate or require at the onset additional state law enforcement resources from outside the affected area, such resources will be dispatched in conjunction with other state law enforcement agency(s) listed in this annex by the FDLE Mutual Aid Director in Tallahassee.

B. Organization

The organization of ESF 16 consists of one lead agency, the Sarasota County Sheriff's Office and all other support agencies are aligned along a horizontal plane. Each agency has specific basic responsibilities, as described in the Public Safety SOP.

C. Notification

Emergency Management routinely monitor incidents throughout the county which may require state law enforcement involvement and/or have the potential for escalation. When local law enforcement responds to an incident and requires additional law enforcement assistance, Sheriffs and Chiefs may call directly on the local regional commander of any agency from which they need assistance. Those agencies notify the nearest FDLE office for potential escalation beyond the capabilities of regional state law enforcement resources, and the Mutual Aid Director

notifies other ESF 16 member agencies including the Florida National Guard and the DEM.

If it appears that state law enforcement resources will be required beyond those in the affected region, FDLE may request an activation of the State EOC, and depending on the size and nature of the incident, those ESF 16 agency Emergency Coordination Officers (ECO's) necessary for response will be notified by the Mutual Aid Director to report to the State EOC. ESF 16 ECO's will notify their regional offices of the need for additional resources, and prepare for response. The Division of Emergency Management will determine which other ESF's are needed based on the incident, and ensure similar notifications and response to the State EOC.

D. Actions

1. Preparedness

a. Training

FDLE annually conducts training for state and local law enforcement in emergency response. The courses involve an understanding of the Florida Mutual Aid Plan under Chapter 23, F.S., The Florida Mutual Aid Act, and the Comprehensive Emergency Management Plan under Chapter 252, F.S., the State Emergency Management Act. Particular emphasis is given to the roles of Emergency Support Functions, particularly ESF 16.

ESF 16 member agencies participate in training conducted by the Division of Emergency Management in State and local EOC operations, Hurricane exercises, and Radiological Emergency exercises.

b. Pre-positioning

ESF 16 agencies are able to identify the number of law enforcement personnel and equipment available to respond anywhere in the state in four and eight hour time frames. When response time exceeds eight hours and initial assessments indicate that additional resources will be needed for initial response, ESF 16 agencies will pre-position resources within those time frames as accommodations allow. In incidents such as high profile dignitary visits, trials, or public events which may result in civil disorder, ESF 16 will pre-position resources nearby in a sequestered manner in order to avoid precipitating an incident.

2. Response

a. Assessments

Because of the statewide dispersal of FDLE offices, contact with affected Sheriffs and Chiefs can be made quickly to determine their law enforcement resource needs for the particular incident. That information is amassed and transmitted to the affected FDLE Regional Operations Bureau.

Headquarters Command Staff, and the Mutual Aid Director. The FDLE Regional Operations Bureau activates its EOC, and selects locations in the impact area for establishing Mutual Aid Command Posts to fulfill assignments requested by local law enforcement. This information is provided to all ESF 16 agencies. Mutually, ESF 16 agencies begin response and pre-positioning preparations, as required.

b. Physical Deployment

ESF 16 agency ECO's at the local EOC coordinate with the Sheriff's Office deployment of their resources. All local law enforcement resources typically respond to the county(s) in numbers and types of equipment based on initial assessments made with Sheriff(s), and Chiefs, agency operations requiring security. Based on the type of assignments, each ESF 16 agency coordinates with FDLE, and their agency representative in the EOC, upon arrival in the county and assumes their responsibilities.

3. Recovery

Law enforcement and security assistance from ESF 16 may continue to be required by affected Sheriff(s) and Chiefs into the recovery phase of an incident. Normally, by this time the majority of assignments have been assumed by local law enforcement, or are no longer required. FDLE will continue to conduct assessments of all assignment requirements with the requesting agencies and will respond accordingly.

E. Direction and Control

1. Control

The Sarasota County Sheriff's Office is given the responsibility for command, and coordination of local law enforcement planning, operations, and mutual aid. In the Comprehensive Emergency Management Plan, FDLE is given the responsibility of lead agency for ESF 16.

2. Mission Assignments

ESF 16 agency assignments are determined by the basic responsibilities designated to each member agency as described in III. Responsibilities, within this annex. Agency responsibilities typically are those they assume in normal operations with some deviations.

Assignment procedures follow established guidelines within the EOC for all ESF's. Assignments come from several sources such as directly from the EOC Message Center, County Liaison, other ESF's, and telephone calls from local and state law enforcement agencies in the impacted area. All assignments are reduced to writing on the EOC message form, given a mission number, logged by EM, and then given to the appropriate ESF support agency for action. Results are written on their copy of the message form, logged by the Plans Section returned to the EOC Message Center for final processing.

III. RESPONSIBILITIES

- A. **Sarasota County Sheriff's Office**
Lead agency responsible for overall command and coordination of ESF 16, and the deployment of affected local agencies. Responsible for staffing the EOC, Command Posts, county government EOC's, and maintaining liaison with affected Sheriffs and Chiefs. Responsible for collecting statistics such as manpower, arrests, deaths, etc., in accordance with the Mutual Aid Plan. Participate in investigations/task forces related to the disaster, as necessary, and gather intelligence.
- B. **Support Agencies**
Sarasota County Sheriff's Office will ensure that a representative from each agency is dispatched to the EOC to assist in coordinating the response from ESF 16. Responding personnel will be available to provide general law enforcement services to the impacted Sheriff(s) and Chiefs, and will provide equipment as required to fulfill their assignments.

IV. FINANCIAL MANAGEMENT

All disaster respondents, city/county or otherwise, who assist due to request from the ESF #4, must submit their preliminary reimbursement request to Sarasota County Risk Management within 15 business days of stand down orders. The final request must include the following:

- A. **Salaries** - Provide a schedule for all employees, the times they worked, their pay rate and matching rate, separating regular time from overtime
- B. **Travel** - Provide copies of the approved travel vouchers for the disaster response.
- C. **Equipment** - Provide a detailed description of the equipment used to assist, detailing the type and size, pump size and horsepower, where the equipment was used, number of hours per piece, per day and type of work each piece performed. Beginning and ending engine mileage and engine hours, etc.

V. REFERENCES AND AUTHORITIES

- A. **Public Safety SOP #2**
- B. **Search and Rescue SOP #3**

EMERGENCY SUPPORT FUNCTION 17: ANIMAL PROTECTION**ICS ASSIGNMENT: OPERATIONS**

Primary Agency: Sarasota County Sheriff's Office(Animal Services)

Support Agencies: Animal Control Agency, County Cooperative Extension Office, Department of Health, Florida Games and Fresh Water Fish Commission, Department of Environmental Protection, Marine Patrol:

Volunteer Resources: S.W. Florida Veterinary Medical Association, Florida Animal Control Association (FACA), State and Local Animal Care Support Agencies, National Animal Care Support Agencies,

I. INTRODUCTION

The purpose of ESF 17 is to coordinate the response of state agencies in assisting local and volunteer organizations to provide all animals affected by the disaster with emergency medical care; evacuation; rescue; temporary confinement, shelter, food and water; and identification for return to the owner. The coordination may also involve diagnosis, prevention and control of diseases of public health significance. Disposal of dead animals is also a major concern.

II. CONCEPT OF OPERATIONS**A. General**

The coordination of local and volunteer agencies includes tasks before, during, and after a disaster where local resources may not be sufficient and local government requests state assistance.

1. Provide emergency medical care for all animals, including commercial livestock, poultry, fish, and exhibition (racing) animals; zoo animals; laboratory and research animals; wildlife; and domestic pets.
2. Coordinate with ESF 15 (Volunteers and Donations) to refer volunteer personnel to the County; coordinate efforts to provide water, food, and shelter and other physical needs to animals; and store and distribute animal food and medical supplies to the County.
3. Coordinate with ESF 14 (Public Information) to ensure that information is provided on the location of animal shelters and other animal-related matters before, during and after the disaster. Also, coordinate public education efforts, such as brochures distributed to veterinary offices. Abandonment of animals should be discouraged due the welfare of both the animals and the public. When necessary, assist with soliciting needed resources to fill shortages.
4. Coordinate efforts to rescue and capture animals including relocation prior to the disaster. Sarasota County will identify available barns, pastures, kennels, etc., with local agencies and volunteer organizations.
5. Coordinate with local agencies to establish a system to register identification data in an effort to reunite animals with their owners.
6. Coordinate with ESF 15 (Volunteers and Donations) the storage of emergency relief supplies and their distribution to animal

- caretakers/shelters.
7. Coordinate with ESF 8 (Health and Medical Services) for the identification, prevention and control of diseases of animals which have public health significance, including epidemiological and environmental health activities.

B. Organization

ESF 17 is organized to ensure rapid response to animal care needs in the disaster area. The primary and support agencies, including local animal control, must have a thorough and up-to-date disaster plan that has been coordinated through Florida Department of Agriculture and Consumer Services (FDACS). A Standard Operational Procedure will be maintained to standardized whenever possible. When activated, agencies in ESF 17 will operate under the CEMP and its support documents.

ESF 17 focuses primarily on emergency medical care, evacuation, rescue, capture, temporary confinement, shelter, provision of food and water, identification and tracking for reunification of owners with their animals and on disposal of dead animals.

The primary agency for ESF 17 is SSO with direct contact for animal issues in the EOC/Operations Section. Personnel assigned to ESF 17 will provide daily direction. This direction is limited to operation of the ESF17, assignment of personnel to handle requests for assistance, and ensuring that requests for assistance are prioritized, met, and documented. The ESF 17 establishes coordination with other appropriate ESFs and will maintain open communications with these ESFs in both the planning and operational phases.

SSO as the primary agency will provide sufficient personnel to staff the ESF 17, 24 hours per day, 7 days per week while operational or as requested by Emergency Management. The personnel will be managers, skilled professionals with subject knowledge, and operations personnel qualified to expedite decisions for the agency.

In coordination with SSO, support agencies will be encouraged to develop plans that support their ESF 17 assignments.

C. Notification

1. Upon notification by the EOC of a potential or actual event requiring response ESF 17 will notify all support agencies and organization members by telephone or through the communication facilities at the EOC.
2. All support groups contact persons will be instructed to alert their contacts throughout the county to ensure all available resources are on standby.
3. Other resources inventories will be confirmed for possible use.

D. Actions

1. Preparedness.
 - a. ESF 17 will conduct at least one training program annually for county animal emergency coordinators and interested persons.

- b. ESF 17 assists in releasing information annually on disaster planning and safety for animals through news releases or brochures.
 - c. ESF 17 develops and maintains a data base of all county animal emergency plans and a list of all county animal emergency coordinators.
 - d. ESF 17 will develop, maintain and regularly update lists of available animal shelters and confinement areas for Florida, (including shelter for exotic or zoo animals) as provided by county animal coordinators, and for other states as needed. The data base will include personnel and resource information.
 - e. When feasible, ESF 17 will assist county animal emergency coordinators in identifying suitable facilities for shelters and confinement areas.
 - f. ESF 17 develops and maintains a data base of medical and non-medical volunteers and agencies that will provide care assistance. This will include information on the type of service being offered, number of volunteers, resources available, contact person with telephone numbers and logistical abilities of each.
2. Response.
- a. ESF 17 will track the activities of all available animal shelter facilities and confinement areas identified before, during, and after the disaster. This tracking will be based on information provided by the county animal emergency coordinator.
 - b. ESF 17 Will coordinate with ESF 5 to provide information on the location and availability of shelter space, food and water for animals.
 - c. ESF 17 will coordinate with ESF 11 and ESF 15 regarding storage sites and staging areas for animal food and medical supplies.
3. Recovery.
- a. ESF 17 will coordinate damage assessment through the County Emergency Animal Coordinator.
 - b. ESF 17 will coordinate all operations at the Sarasota County's "Small Animal Recovery Facility" located at Twin Lakes Park and the "Large Animal Recovery Facility" at the Sheriff's Mounted Patrol Facility at Knight's Trail Park.
 - c. ESF 17 will coordinate the assignment of relief personnel and the distribution of supplies from supply areas or staging areas.
 - d. ESF 17 will coordinate the consolidation or closing of animal shelters or confinement areas, personnel and supplies as the need diminishes.
 - e. ESF 17 will assist support agencies for long term maintenance, placement, or disposition of animals which cannot be returned to their normal habitat or which have been separated fro their owners.
 - f. ESF 17 with support agencies, will coordinate the animal medical services needed for animal shelter and confinement areas.
 - g. ESF 17 will coordinate with ESF 1, ESF 3, and ESF 8 for the

removal and proper disposal of animal waste and dead animals.

E. Direction and Control

1. ESF 17 will be implemented as requested by Emergency Management to provide assistance prior to or following the occurrence of a disaster.
2. ESF 17 activities will be coordinated through the local Emergency Operations Center.
3. ESF 17 will assist local animal control agencies, humane organizations, livestock or farming organizations, or other animal industry representatives. All federal assistance for animal care, such as military veterinarians, must be requested by the animal emergency coordinator and must be coordinated through ESF 17.

III. RESPONSIBILITIES

A. Primary Agency: Sarasota County Sheriffs Office

1. Develop and maintain a roster of personnel that staff Animal Issues Annex for 24 hours per day, 7 days per week coverage as long as the EOC is operational.
2. Assure the availability of resources for the disaster area by maintaining a data base including the following:
 - a. A list of shelters and confinement areas for Sarasota County.
 - b. A list of food and water sources provided by support agencies.
 - c. A list of animal medical personnel by county.
 - d. A list of county animal emergency coordinators.
3. Establish a protocol for prioritizing response activities.
4. Coordinate activities with other ESFs.
5. Be prepared at all times to make status reports.
6. SSO will develop and maintain standard operating procedures that detail all necessary activities. The SOP will be coordinated with the support agencies and organizations, and EM.
7. SSO will develop, with assistance from support agencies and organizations, disaster exercises.

B. Support Agencies

1. **County Animal Emergency Coordinator or Local Animal Control Agency:**
 - a. Identify the possible locations within the county for emergency animal shelters and confinement areas.
 - b. Request assistance when local resources are insufficient to meet the need.
 - c. Maintain a list of permanent available shelters and confinement areas.
 - d. Maintain a list of local sources for food and water for sheltered and confined animals.
 - e. Develop plans and agreements for the disposal of animal carcasses and wastes.
2. **Department of Health and Rehabilitative Services:**
Coordinate with ESF 17 to diagnose, prevent and control zoonotic diseases (such as rabies) and other animal-related conditions of public health significance.

3. Florida Games and Fresh Water Fish Commission:
 - a. Conduct warnings and assist in the coordination of evaluation of zoo animals (including mammals, birds, and reptiles) kept in major exhibits/wildlife dealers/circus facilities as needed.
 - b. Conduct assessment of lost or escaped "exotic" animals.
 - c. Using specialized personnel and equipment coordinate recapture of potentially dangerous or hazardous exotic animals with zoos, dealers and owners.
4. Department of Environmental Protection, Marine Patrol:
 - a. Will assist in the coordinating of the needs of marine life before, during and after a disaster.
 - b. Will assist with the assessment of damage to marine life.
 - c. Will assist with the removal of beached or dead marine life.
5. Local Animal Support Agencies and Organizations:
 - a. Provide volunteer personnel for animal care.
 - b. Establish an adoption procedure consistent with Florida Statute 703 for unclaimed, lost animals.

C. Resource Requirements

1. Resources required prior to the disaster:
 - a. Shelters and confinement areas available at the time of evacuation so that owners can leave their animals.
 - 1) Food and water
 - 2) Identification tags or collars.
 - 3) Medical supplies and possibly a source of electricity.
 - b. Personnel:
 - 1) Shelter and confinement area coordinators.
 - 2) Animal care volunteers.
2. Resources Required for Continuing Operations, ie.
Fence material, bedding, cages, vehicles, portable telephones, animal traps (Have-a-Heart), animal catch poles (dog, cat), water and disinfectant for cleaning (household/bleach).

IV. FINANCIAL MANAGEMENT

All disaster respondents, city/county or otherwise, who assist due to request from the EOC, must submit their preliminary reimbursement request to Sarasota County Risk Management within 15 business days of stand down orders. The final request must include the following:

- A. Salaries - Provide a schedule for all employees, the times they worked, their pay rate and matching rate, separating regular time from overtime.
- B. Travel - Provide copies of the approved travel vouchers for the disaster response.
- C. Equipment - Provide a detailed description of the equipment used to assist, detailing the type and size, pump size and horsepower, where the equipment was used, number of hours per piece, per day, and type of work each piece performed. Beginning and ending engine mileage and engine hours.

V. REFERENCES AND AUTHORITIES

A. SOP #18

TAB 10

TAB - 10 ANNEX II, GENERAL GUIDELINES FOR ICS PERSONNEL

1. Incident Commander
2. Incident Command Aide
3. Safety Officer
4. Public Information Officer
5. Liaison Officer
6. Operations Chief
7. Planning Chief
8. Logistics Chief
9. Administration/Finance Chief
10. Branch Supervisor
11. Group Supervision
12. Staging Officer

ANNEX II

SARASOTA COUNTY
EMERGENCY MANAGEMENT

GENERAL GUIDELINES

FOR

ICS PERSONNEL



GENERAL GUIDELINES FOR ICS PERSONNEL

- ☐ Receive your incident assignment, reporting location, (check in location), or EOC ICS/ESF position assignment (communications channel assignment from the dispatch center if necessary.)
- ☐ Upon arrival at the incident, check in at designated check-in arrival locations. Check-in locations may be found at:

Sarasota County EOC
Incident Command Post (Resources Unit)
Staging Areas
Division Supervisor (for direct line assignments)
- ☐ Agency Representatives from assisting or cooperating agencies report to IC/Liaison Officer at the Command Post after checking in.
- ☐ All radio communications to Incident Communications Center will be conducted by the IC or his designee. On-scene radio communications will be conducted through the ICS structure.
- ☐ Use clear text and ICS terminology (no codes) in all radio transmissions during incident command operations.
- ☐ Receive briefing from immediate supervisor. Accountability of all personnel shall remain a priority, with each individual being responsible to one supervisor (Unity of Command), and each supervisor responsible for the accountability of all the crews and members of those crews under their direction.
- ☐ Acquire work materials.
- ☐ Organize and brief subordinates.
- ☐ Assure the rehabilitation of all personnel who have performed on the incident as deemed necessary by the Rehabilitation Officer, Incident Commander or other supervisor. Complete forms and reports required and send materials through supervisor.
- ☐ Respond to demobilization orders (Return to Service).
- ☐ Brief subordinates regarding demobilization.

MISSION STATEMENTS

Position: Incident Commander

Location: On Scene at County EOC or Command Post

Recommended Staffing: First arriving officer in charge (OIC) until relieved by Higher Authority.

Reports To: Final Authority.

Activation: Any situation which, in the judgement of the on-scene ranking OIC or there are three (3) County Departments on scene ICS should be implemented for concerns of safety of personnel and scene control. (It is recommended that the ICS be used in all facets of operation within the Incident Command System (ICS).

Responsibilities: The IC is ultimately responsible for all incident response activities including the development and implementation of strategic decisions and the utilization of extended resources. This individual must process information to and from the primary Section Chiefs and Staff operating within their span of control.

Procedure:

- ☐ Arrive at the EOC and establish command or obtain incident briefing from previous Incident Commander.
- ☐ Assess the incident situation and conduct an initial strategy briefing with the current operation command personnel.
- ☐ Activate elements of the ICS/ESF's as needed.
- ☐ Brief the command staff and primary Section Chiefs.
- ☐ Participate in the preparation and authorize the implementation of the incident action plan.
- ☐ Determine needs to make informed command decisions and relate these needs to command staff.
- ☐ Coordinate primary staff activities.
- ☐ Manage overall incident operations.
- ☐ Approve requests for and utilization of extended resources.
- ☐ Authorize release of information to the media.
- ☐ Ensure the incident status form (worksheet) is utilized and completed.
- ☐ Obtain briefings from Section Chiefs, Command Staff and agency representatives on management concerns.
- ☐ Obtain information on environmental concerns.
- ☐ Review the progress of the incident and channel organizational efforts towards highest priority tasks.
- ☐ Insure that safety procedures and disciplines are practiced and maintained by all personnel.
- ☐ Approve plan for demobilization and return to normal operating status.
- ☐ Prepare a final incident summary for media briefing, reports, etc.

MISSION STATEMENTS

Position: Incident Command Aide (Command Staff)

Location: Command Post

Recommended Staffing: Any Qualified Individual Appointed by Command

Reports To: Incident Commander

Activation: When deemed necessary by the IC to assist with maintaining paperwork and or communications at the Command Post.

Purpose: The role of the Aide is to provide administrative and operational assistance to the IC, manage the command area, and process information that does not require the attention of the IC. This highly responsible position requires a thorough knowledge of department operating procedures, applicable tactics and strategy, and general command terminology. This position may also formulate decisions and issue directives to a level that has been designated by the IC.

Responsibilities: The Incident Command Aide is responsible for site control and security of the command post, providing resource information, tracking command activities, assisting with liaison and press activities, and providing technical support and advice to the IC.

Procedure:

- ☐ Set up the EOC area and secure it. Obtain Law Enforcement assistance to maintain command security.
- ☐ Obtain incident briefing from IC.
- ☐ Start and or maintain ICS worksheet. Log all pertinent command information.
- ☐ Assist with the research and interpretation of various resource and reference material as needed.
- ☐ Operate various communications equipment as needed. Relay command directives to the command staff as needed.
- ☐ Disseminate and assist in the processing of the upward and downward flow of information.
- ☐ Anticipate the needs of the IC and be prepared to react accordingly.
- ☐ Assist the PIO by relating current incident information.
- ☐ Assist the liaison officer with the management of agency representatives.
- ☐ Observe operations and make suggestions and recommendations to the IC.

MISSION STATEMENTS

Position: Safety Officer (Command Staff)

Location: On Scene or at EOC

Recommended Staffing: Any Trained Individual Appointed by Command

Reports To: Incident Commander

Activation: Any time personnel will be operating in any type of hazardous atmosphere, or potentially dangerous operation.

Purpose: To ensure that all personnel at the scene are operating in as safe a manner as possible, consistent with all current standards and practices.

Responsibilities: Is a member of the Command Staff with the foremost responsibility of this position being the safety of all emergency personnel operating at the scene. Continuously monitors and assesses situations for unsafe or hazardous conditions and developing countermeasures for assuring personnel safety.

Procedure:

- ☐ Obtain briefing from the Incident Commander.
- ☐ Identify hazardous situations associated with the incident.
- ☐ Participate in planning meetings to advise the Incident Commander.
- ☐ Exercise emergency authority to halt and or prevent unsafe acts.
- ☐ Do initial investigation of accidents that have occurred within incident areas.
- ☐ Establish safety assistants or specialized input, building construction, etc., as warranted.

MISSION STATEMENT

Position: Public Information Officer (Command Staff)

Location: On Scene

Recommended Staffing: Any Individual Appointed by Command

Reports To: Incident Commander

Activation: Any incident involving significant operations or in which the press responds and requires assistance.

Purpose: Is the focal point for the official release of information to the media. This is the contact person for media representatives and all incident information should be released by this person or by the Incident Commander through the Public Information Officer.

Responsibilities: Is a member of Command Staff and establishes and maintains a media gathering area, scheduling regular media releases and interviews, and providing post incident media briefings. To ensure the release of accurate information, shall remain abreast of current incident information, operations and status.

Procedure:

- ☐ Obtain briefing from the Incident Commander.
- ☐ Begin logging and tracking incident information.
- ☐ Set up a physical media area and maintain with Law Enforcement Agency (LEA) assistance if necessary. Should be a safe area with a visual access to incident as possible.
- ☐ Meet with media, provide them with information cleared by Incident Commander, interview and photo opportunities as soon as practical.
- ☐ Provide escort service into areas for media and VIP's, arrange meetings between media and incident personnel.
- ☐ Respond to special requests for background information and updated information.
- ☐ Update the Incident Commander on information released to the media and requests from the media.
- ☐ File all media releases with the reports.

MISSION STATEMENTS

Position: Liaison Officer (Command Staff)

Location: On scene at Command Post

Recommended Staffing: Any Qualified Individual Appointed by Command

Reports To: Incident Commander (IC)

Activation: When a separate point of contact is needed due to the numbers of agencies represented on an incident.

Purpose: Is a member of the command staff and is to be a point of contact for agency representatives from other local and county agencies, private sector agencies, State and Federal agencies.

Responsibilities: Should be from the agency with jurisdictional authority and will coordinate and maintain interagency communication and cooperation.

Procedure:

- ☐ Obtain a briefing from the Incident Commander.
- ☐ Provide a point of contact for assisting/cooperating agency representatives.
- ☐ Identify agency representatives from each agency including method of communication and location.
- ☐ Attempt to limit, when possible, communications/contact to one representative per agency.
- ☐ Respond to any special agency needs or requirements.
- ☐ Respond to requests from incident personnel for inter-organizational contacts.
- ☐ Monitor incident operations to identify current or potential inter-organizational needs or problems.
- ☐ Maintain a current list of status and degree of involvement of cooperating and assisting agencies assigned.
- ☐ Upon agency request, provide specific information about the incident relative to:
 - operational activities
 - anticipated duration of activities or incident
 - status of agency personnel involved in operations
 - expected demobilization schedule
- ☐ Participate in planning meetings by providing current status, limitations, and capabilities of other agency resources.

MISSION STATEMENTS

Position: Operations Chief

Location: On Scene in Forward area, at the Command Post, or at the City EOC

Recommended Staffing: Ranking Officer Available

Reports To: Incident Commander

Activation: On any incident taxing the span of control of Command.

Purpose: Encompasses the majority of incident mitigation activities. This includes all task oriented Divisions/Groups participating at the incident scene.

Responsibilities: Is a member of the General Staff, organizes initial incident control activities and subsequent implementation of the incident action plan.

Procedure:

- ☐ Obtains incident briefing from the Incident Commander.
- ☐ Established Divisions/Groups needed to initiate operational control measures.
- ☐ Begins development work on the incident action plan needed for initial and immediate control of the incident.
- ☐ Supervises operational aspect of the incident and the Divisions/Groups associated with that function.
- ☐ Determines need for and requests additional resources.
- ☐ Advises the Incident Commander of special concerns or requirements that may impact the development of an extended incident action plan.
- ☐ Make tactical decisions and changes to the operation on an immediate basis if needed.
- ☐ Assembles and disassembles strike teams.
- ☐ Assigns a Rehabilitation Officer and ensures that a remote area is established for this activity.
- ☐ Prepares a final summary of activity and demobilization report to be submitted to the Incident Commander.
- ☐ Establishes and maintains a Staging Area as needed.

MISSION STATEMENT

Position: Planning Chief (General Staff)

Location: On scene or EOC

Recommended Staffing: Ranking Officer Available

Reports To: Incident Commander

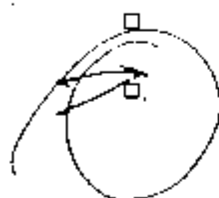
Activation: When the incident has reached a size where the IC cannot effectively forecast the future action plan due to incident size, the constraints on the IC, or incident complexity.

Purpose: Coordinates the preparation of the incident action plan, appraises command of potential operational impacts, and maintains alternative strategies for potential and possible incident developments. The Planning Section serves as the "clearing house" for information.

Responsibilities: Develops and maintains the incident action plan. Collects and obtains information relative to the incident, identifying special resources as indicated by need, and providing vital information such as weather data, environmental data, special equipment needs, et. to the IC.

Procedure:

- ☐ Obtain briefing from the Incident Commander.
- ☐ Identify additional staffing needs for resources, documentation, environmental, etc.
- ☐ Obtain additional incident information to identify needs and resources available.
- ☐ Coordinate command staff meeting to outline an incident action plan.
- ☐ Prepare a written incident action plan and forward it to the incident commander.
- ☐ Monitor incident progress and append or alter the plan as needed.
- ☐ Identify specific needs to logistics for procurement.
- ☐ Assist with evacuation/sheltering planning as needed or assume this responsibility in the absence of a civilian relocation officer.
- ☐ Provide the IC with special interest information such as predicted weather changes, environmental concerns, and resource availability.
- ☐ Provide for a demobilization and incident termination plan.



MISSION STATEMENT

Position: Logistics Chief (General Staff)

Location: On scene or EOC

Recommended Staffing: Ranking Officer Available

Reports To: Incident Commander

Activation: Any incident requiring moveups or mutual aid coverage.

Purpose: Provides for the facilities, services, equipment, and supplies (including unit moveups or mutual aid coverage for areas stripped of resources due to incident magnitude) to support incident operations.

Responsibilities: Secures and maintains adequate communications to support the incident. If purchases are to be made, coordinates with Finance Section. Will provide for the personal service needs of all personnel operating at the incident.

Procedure:

- ☐ Obtain briefing from the Incident Commander.
- ☐ Plan organization of section and determine the need for additional personnel and resources.
- ☐ Assign tasks and work locations to Section personnel.
- ☐ Participates in the preparation of the incident action plan.
- ☐ Identify current and anticipate future service/support requirements for the planned and expected operations.
- ☐ Review and provide input for the Communications Plan, Traffic Plan, and Medical Plan.
- ☐ Identify and provide support requirements of the personnel operating at the incident.
- ☐ Coordinate and process request for additional resources.
- ☐ Ensures moveups or mutual aid requests are made to cover areas stripped due to incident size.

MISSION STATEMENT

Position: Administration/Finance Chief (General Staff)

Location: As Designated by Command

Recommended Staffing: Any Trained Individual Appointed by Command

Reports To: Incident Commander

Activation: Due to incident length or complexity, attributable costs to the operation will be incurred.

Purpose: Coordinates all extraneous costs incurred relative to the incident. Included are personnel, equipment and special services.

Responsibilities: Tracks the use of reserve personnel and internal resources for overtime costs. All costs and documentation relative to line of duty injuries, damaged and destroyed equipment. Documentation required for F.E.M.A. reimbursement.

Procedure:

- ☐ Obtain briefing from the Incident Commander.
- ☐ Plan organization of the section and determine the need for additional section personnel.
- ☐ Assign work locations and preliminary work tasks to section personnel.
- ☐ Participate in the preparation of the incident action plan.
- ☐ Identify any special financial needs for the incident.
- ☐ Coordinate man-hours tracking and recall of off duty personnel.
- ☐ Insure prompt financial payments and insurance claims relative to personnel injuries.
- ☐ Maintain daily contact with agency(s) administrative headquarters in reference to financial matters.

MISSION STATEMENT

Position: Branch Supervisor

Location: On scene at any prescribed geographical location

Recommended Staffing: Ranking Officer Available

Reports To: Section Chief or Incident Commander as appropriate

Activation: When multiple departments are operating at an incident and the span of control dictates or the need for several activities in a particular area require management.

Purpose: Member of the operational staff which controls activities within a specific geographical area.

Responsibilities: Directs and maintains the continuity of functions occurring within the geographic area of responsibility. Maintains information flow to the Operations Chief/Incident Commander concerning specific needs and mitigation progress.

Procedure:

- ☐ Obtains briefing from the IC or Operations Chief if established.
- ☐ Coordinates the activities of personnel assigned to the division in carrying out the incident control activities.
- ☐ Reviews assignments with field personnel as necessary.
- ☐ Updates Operations Chief/IC, on changes in conditions that will affect the plan of action.
- ☐ Coordinates activities with other branch supervisors/ Groups through the Operations Chief or Incident Commander.
- ☐ Determines the need for and requests additional manpower and or resources needed to complete the assigned mission.
- ☐ Makes recommendations to the Operations Chief/IC on changes to the action plan and initiates critical decisions relating to immediate action as needed.

MISSION STATEMENT

Position: Group Supervision

Location: As needed for task completion

Recommended Staffing: Ranking Officer Available

Reports To: Operations Chief or IC

Activation: When the need exists to assign multiple units to a certain task, i.e, rescue, medical aid, etc.

Purpose: Supervises operations of a functional group without respect to geographic location.

Responsibilities: Supervises companies assigned to the group to coordinate their operations with other Divisions/Groups, and assure they are executing their assignments in an efficient and effective method by maximizing the use of mitigation resources.

Procedure:

- ☐ Confers with Operations Chief or IC as appropriate to determine the action plan and what companies are assigned to the group.
- ☐ Determines that the area is safe for crews and that proper protective equipment is utilized.
- ☐ Shall size up the situation inside, develop an operating plan and give out assignments.
- ☐ Shall confer with other Divisions or Groups to ensure the position is still tenable and that other Divisions/Groups are working in a coordinated fashion.
- ☐ Requests additional manpower and or resources as needed.
- ☐ Shall ensure that support functions are carried out. These may include smoke removal, auxiliary lighting, salvage, and overhaul, etc.
- ☐ Shall continually re-evaluate the operating plan and make appropriate adjustments.
- ☐ Shall ensure scene integrity so that evidence is preserved for proper investigation.

MISSION STATEMENT

Position: Staging Officer

Location: Near Scene

Recommended Staffing: Any Trained Individual Appointed by Command

Reports To: Operations Chief or Incident Commander as appropriate

Activation: When units and manpower overwhelm the ability of Command to immediately place these resources in an effective position.

Purpose: Manages the vehicular apparatus and manpower in a manner that will help prevent congestion at the incident scene and create a resource pool for the Operations Section.

Responsibilities: Locating and maintaining an area that allows for an effective retrieval of manpower and equipment. Fills manpower/vehicle requests from the Operations Chief or Incident Commander, maintains a sufficient pool of these resources to support developing operations.

Procedure:

- ☐ Obtains a briefing from the Operations Chief/Incident Commander.
- ☐ Functions as a member of the Operational Staff advising Operations Chief/Incident Commander of potential manpower/vehicular requirements.
- ☐ Fills requests for manpower/vehicles. Advises units of where to report, who to report to, and their assignment.
- ☐ Insures that vehicles and manpower are positioned in such a way as to expedite their response to the incident scene.
- ☐ Coordinates with LEA to insure ease of access from the staging area to the incident scene.



REFERENCE C:

MITIGATION/RECOVERY

1. Hazard Mitigation
2. Insurance Services
3. Community Disaster Loans
4. Crisis Counseling
5. Application Procedure for Federal Public Assistance
6. Individual and Family Grant Program
7. Unemployment Assistance
8. Temporary Housing
9. Situation and Damage Assessment Expenditure Reporting
10. Welfare Services
11. Disaster Assistance Centers
12. SERT Procedures
13. Sarasota County Apoxsee
 - A. *Chapter 2: Environment*
 - B. *Chapter 3: Recreation and Open Space*
 - C. *Chapter 4: Public Facilities*
 - D. *Chapter 5: Public Buildings and Related Facilities*
 - E. *Chapter 10: Future Land Use*
14. 44 CFR Part 13