Final Report
on the

Water Quality Impacts of Reservoirs

Task 2-Identification of Data Sites and Data Acquisition

May 2004

Burns & McDonnell
SINCE 1898

WATER QUALITY IMPACTS OF RESERVOIRS

Task 2 – Identification of Data Sites and Data Acquisition

Prepared for

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
WEST PALM BEACH, FLORIDA

May 2004

Burns & McDonnell Project 35106

Prepared by

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SINCE 1898

May 24, 2004

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South Florida Water Management District
Contract No. C-C20104P-WO02
Water Quality Impacts of Reservoirs
Final Task 2 Report

Dear Ms. Zhao:

Burns & McDonnell is pleased to present this report on the *Water Quality Impacts of Reservoirs, Task 2 – Identification of Data Sources and Data Acquisition*. This report is the final deliverable for Task 2 of the Water Quality Impacts of Reservoirs project (Contract No. C-C20104P-WO02).

We wish to express our thanks to you and the other members of the District staff who participated in this study for your helpful direction, advice and assistance during the preparation of this report. We also acknowledge the contributions of our two subconsultants, Engineering and Applied Science and Wetland Solutions, Inc., who collected much of the data presented in this report. We are available at your convenience to discuss the details of this report.

Sincerely,

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Water Quality Impacts of Reservoirs
Task 2 – Identification of Data Sites and Data Acquisition
(Contract C-C20104P-WO02)

Project 35106

INDEX AND CERTIFICATION

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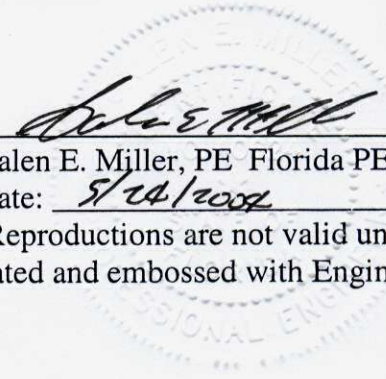
Certification

I hereby certify, as a Professional Engineer in the State of Florida, that the information in this document was assembled under my direct personal charge. This report is not intended or represented to be suitable for reuse by the South Florida Water Management District or others without specific verification or adaptation by the Engineer. This certification is made in accordance with the provisions of the Laws and Rules of the Florida Board of Professional Engineers under Chapter 61G15-29, Florida Administrative Code.



Galen E. Miller, PE Florida PE # 40624
Date: 5/24/2004
(Reproductions are not valid unless signed, dated and embossed with Engineer's seal

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1 INTRODUCTION

1 INTRODUCTION

This report section presents a discussion of the background and objectives of the Water Quality Impacts of Reservoirs (WQIR) study, and an overview of the methodology used in this study. This study was completed under Contract C-C20101P-WO02 with the South Florida Water Management District (District) to investigate the potential water quality impacts of the proposed Everglades Agricultural Area (EAA) storage reservoir(s). This report addresses Task 2, the second of four tasks in the WQIR study.

1.1 BACKGROUND

The long-term goal of Florida's 1994 Everglades Forever Act (EFA) is to ensure that all waters discharged to the Everglades Protection Area (EPA) meet the applicable water quality standards. The EPA includes Water Conservation Areas 1, 2A, 2B, 3A and 3B; Loxahatchee National Wildlife Refuge; and Everglades National Park. For the Class III waters in the EPA, the Florida Department of Environmental Protection (DEP) has established a numeric criterion for total phosphorus (TP) of 10 parts per billion (ppb), measured as a long-term geometric mean. Compliance will be achieved through a combination of source controls, stormwater treatment areas (STA), advanced treatment technologies (ATT), and regulatory programs. Substantial progress in reducing phosphorus levels discharged to the EPA has already been made through the combined effects of regulatory programs in the EAA and construction of the STAs. Current projections suggest that the long-term flow-weighted average TP concentrations in discharges to the EPA will be approximately 35 ppb after all of the planned STAs are operational. However, additional measures will be necessary to ensure compliance with the applicable water quality standards.

The recommended approach to achieve additional water quality improvements is outlined in the District's Long-Term Plan for Achieving Water Quality Goals (Long-Term Plan) (Burns & McDonnell, 2003). The Long-Term Plan includes three primary components:

- Pre-2006 Projects: The pre-2006 projects include structural and operational modifications that can be supported by the current scientific and engineering knowledge base as well as continued operation, maintenance and monitoring of the STAs. Where feasible, these projects are to be implemented by the end of 2006. By themselves, these projects may or may not be successful in meeting the long-term water quality goals.

- Process Development and Engineering (PDE): The PDE activities are designed to expand the current scientific and engineering knowledge base. These initiatives include the following activities:
  - Further understanding and optimize water quality performance in existing and proposed facilities
  - Facilitate integration with the Comprehensive Everglades Restoration Plan
  - Maintain and improve upon the contribution of source controls to overall water quality improvement goals
  - Investigate ways to accelerate the recovery of previously-impacted areas in the EPA

- Post-2006 Strategy: Depending on the success of the pre-2006 projects in meeting the target water quality goals and new management strategies identified through the PDE activities, additional water quality improvement measures may be necessary.

In parallel with the District's water quality improvement initiatives that are necessary for compliance with the Everglades Forever Act, the U.S. Army Corps of Engineers (Corps) and District have developed the Comprehensive Everglades Restoration Plan (CERP). The CERP provides a framework and guide to restore, protect, and preserve the water resources of central and southern Florida, including the Everglades. The CERP evolved from a restudy of the Corps' Central & Southern Florida (C&SF) Project, which provides water supply, flood protection, water management and other benefits to south Florida. Although the C&SF Project has performed these functions well, its construction and operation has also resulted in unintended adverse effects on the unique environment of south Florida, including the Everglades. The CERP includes more than 60 elements designed to mitigate for these adverse effects. The major components of the CERP can be segregated into 13 catagories (Corps of Engineers and South Florida Water Management District, no date):

1. Surface water storage reservoirs
2. Water preserve areas
3. Management of Lake Okeechobee as an ecological resource
4. Improved water deliveries to the estuaries
5. Underground water storage
6. Treatment wetlands
7. Improved water deliveries to the Everglades
8. Removal of barriers to sheetflow
9. Storage of water in existing quarries
10. Reuse of wastewater
11. Pilot projects
12. Improved water conservation
13. Additional feasibility studies

It is anticipated that completion of all the CERP projects will take more than 30 years and cost an estimated $7.8 billion.

One of the 11 initial CERP projects authorized under the Water Resources Development Act of 2000 is construction of one or more surface water storage reservoirs within the EAA. Phase 1 of the EAA storage reservoirs project is scheduled for completion by 2009. The primary goals of this project are to:

- Reduce Lake Okeechobee regulatory releases to the estuaries and back pumping from the EAA into Lake Okeechobee by providing a temporary storage site for these waters
- Improve environmental releases through the temporary storage of water for release to the Everglades during dry season demand
- Provide flow equalization and optimization of treatment performance in the STAs by capturing peak storm runoff in the reservoirs and slowly releasing this stormwater to the STAs
- Improve flood control and regional water supply for agricultural interests within the EAA

1.2 STUDY OBJECTIVE AND SCOPE OF WORK

The project team for the EAA reservoirs project is currently evaluating analytical models for use in projecting the quality of water that is released from the reservoirs. The primary objective of the WQIR study is to acquire and analyze data sets that can be used to help calibrate these analytical models. The work to be completed under this study has been segregated into four primary tasks:

- Task 1 – Project Orientation Meeting
- Task 2 – Identification of Data Sites and Data Acquisition
- Task 3 – Analysis of Data Sets
- Task 4 – Conversion of Data Sets

Tasks 1 and 2 have been completed, and the results of Task 2 are the primary subject of this report. The work completed in Task 2 was further broken down into six subtasks:

- Subtask 2.1 – Identification of Data Sources
- Subtask 2.2 – Data Acquisition
- Subtask 2.3 – Database and GIS Construction
- Subtask 2.4 – Prepare and Submit Draft Report
- Subtask 2.5 – Review Meeting
- Subtask 2.6 – Prepare and Submit Final Report

The WQIR study is being performed under Contract C-C20104P, Work Order No. 02 (C-C20104P-WO02) between the District and Burns & McDonnell Engineering Company, Inc. Burns & McDonnell has subcontracted portions of the work for this study to two Florida-based subconsultants. These subconsultants are Engineering & Applied Science, Inc. (EAS) of Tampa and Wetland Solutions, Inc. (WSI) of Gainesville. Much of the work under Task 2 was performed by EAS and WSI.

1.3 ORGANIZATION OF REPORT

This report is organized into the following sections. Each of these sections is listed below along with a brief description of its contents.

- Chapter 1 – Introduction: A description of the study's background, objectives and scope of work.
- Chapter 2 – Identification of Candidate Sites: This chapter describes the process used to identify candidate water bodies that may provide useful calibration data sets.
- Chapter 3 – Data Acquisition Process: The process used to acquire the data associated with each candidate site is described in Chapter 3.
- Chapter 4 – Data Inventory for Candidate Sites: This report chapter presents a map of each candidate site and a summary of the data available at that site.
- Chapter 5 – Summary and Conclusions: An overall summary of the results of Task 2 and the conclusions reached during the study.
- Chapter 6 – References and Bibliography: A list of the references cited in the report plus a bibliography of available technical reports on each of the candidate data sites.

* * * * *

2 IDENTIFICATION OF CANDIDATE SITES

2 IDENTIFICATION OF CANDIDATE SITES

The initial work completed in Task 2 was to identify potential data sources (Subtask 2.1). This report section describes the methods utilized to identify these candidate water bodies and the results of this source identification effort.

2.1 METHODOLOGY

During the project orientation meeting (Task 1), the District and Consultant team decided that the search for potential data sources should be limited to water bodies at least 100 acres in size. Using this criterion, a preliminary inventory of lakes and reservoirs was generated from land use/land cover (LULC) maps for the project study area. Electronic LULC maps for the project study area were obtained from the three water management districts: South Florida Water Management District (SFWMD), St. Johns River Water Management District (SJRWMD), and Southwest Florida Water Management District (SWFWMD). The specific links to these LULC data and year of last update are listed in Table 2-1.

Table 2-1: Land Use/Land Cover Data Sources

Water Management District	Land Use/Land Cover Data Link (URL)	Year of Last Update
SFWMD	http://spatial1.sfwmd.gov/sfwmdxwebdc/dataview.asp	1995
SJRWMD	http://sjr.state.fl.us/programs/data.html	2000
SWFWMD	http://www.swfwmd.state.fl.us/data/gis/shape_search.htm	1999

The classification system used in the available LULC maps is the Florida Land Use, Cover and Forms Classification System (FLUCCS), which is maintained by the Florida Department of Transportation

(FDOT, 1985). The LULC maps were queried, using ArcView GIS 3.2, to identify areas of open water (FLUCCS 5000) larger than 100 acres but excluding those classified as streams/waterways (FLUCCS 5100), bays/estuaries (FLUCCS 5400), major springs (FLUCCS 5500), and slough waters (FLUCCS 5600). For each of the selected water bodies, the name, size, and location were extracted. For any water body that could not be identified by name, its name was listed as "Unknown."

Additional data layers that show the locations of water quality, stage and flow stations were superimposed on the LULC maps. The locations of these stations were obtained from the sources listed below.

- U.S. Environmental Protection Agency – STORET environmental data system (http://www.epa.gov/storet/)
- U.S. Geological Survey (USGS) – National Water Information System (http://waterdata.usgs.gov/nwis)
- SFWMD – DBHYDRO (http://www.sfwmd.gov/org/ema/dbhydro)
- SJRWMD (http://www.sjrwmd.com/programs/data)

Any overlap between the water bodies identified from the LULC maps and these data stations was noted.

2.2 PRELIMINARY INVENTORY

Using the LULC maps, 622 water bodies over 100 acres in size were identified within Central and South Florida. A listing of these preliminary water bodies is included in Appendix A, organized alphabetically by county and system name. The distribution of these water bodies within the study area is shown on Figure 2-1. Larger-scale maps that show the specific location of each preliminary lake or reservoir are included as Figures 2-2 through 2-5.

Also shown in the listing in Appendix A are those water bodies that have some form of data from one of the four sources listed above. There are 408 water bodies that match this criterion. However, the specific types of data and periods of record that are available had not yet been determined.

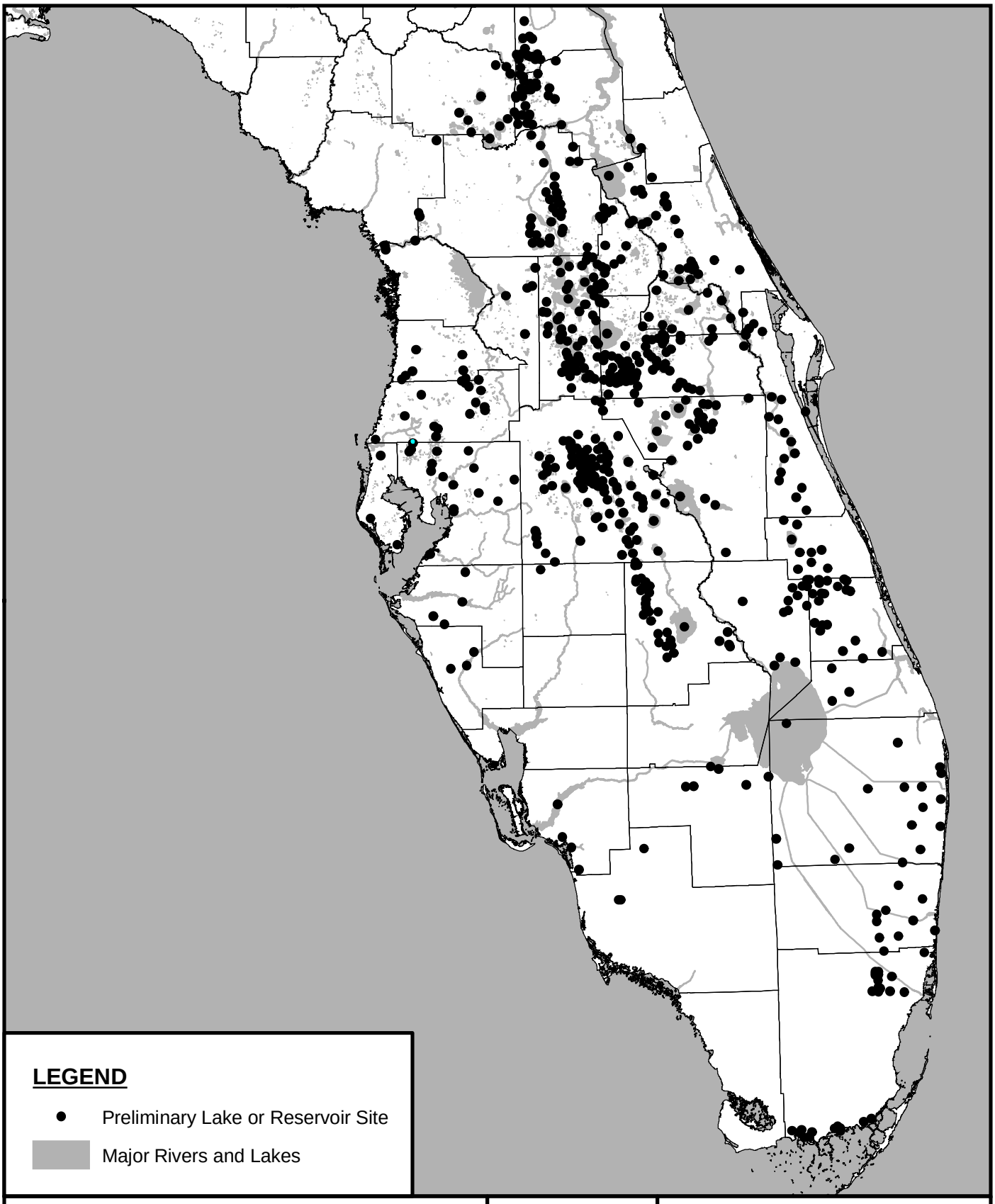

Figure 2-1
PRELIMINARY SITE INVENTORY
OVERVIEW MAP

NASSAU
DUVAL
BAKER
Ocean Pond
SUWANNEE
COLUMBIA
UNION
CLAY
BRADFORD
Kingsley Lake
STJOHNS
Stevens Lake
Varnes Lake
Whitmore Lake
Lake Lowery
Crystal Lake
Spring Lake
Magnolia Lake
Hall Lake
Georges Lake
Lake Alto
Little Santa Fe Lake
Lake Geneva
Santa Fe Lake
Lake Lily
Swan Lake
Lake Rose
GILCHRIST
Goose Lake
Long Pond
Crane Lake
Lake Grandin
ALACHUA
Lake Rowan
Newnans Lake
Lake Winnott
Mariner Lake
Lake Ida
Levys Prairie
Cowpen Lake
PUTNAM
Paynes Prairie
Bream Lake
Lake Fanny
Wauberg Lake
Gills Lake
Star Lake
Lake Jeffords
Rodman Reservoir
Lochloosa Lake
Lake Susan
Ledwith Lake
Island Lake
Crescent Lake
FLAGLER
Priest Prairie
Orange Lake
Oklawaha Lake
Lake Delancy
Dead Lake
Graveyard Lake
Lake Kerr
Little Lake Kerr
Lower Lake Louise
LEVY
Mud Lake
Lake George
Lake Disston
Lake Eaton
Lake Pierson
Shaw Lake
Lake Charles
Lake Lou
Cain Lake
Dan George Lake
Redwater Lake
Lake Jumper
MARION
North Prairie
Lake Winona
North Lake
Lake Dias
Wildcat Lake
Caraway Lake
Lake Bryant
Schimmerhorn Lake
Little Bonable Lake
Bonable Lake
Wells Pond
Halfmoon Lake
Marshall Swamp
Sellers Lake
Lake Dexter
Lake Daugharty
Mud Prairie Lake
Tick Island Mud Lake
Lake Woodruff
Unk Lake 1
VOLUSIA
Stagger Mud Lake
Lake Mary
Lake Catherine
North Lake Talmadge
Smith Lake
Pecan Lake
Lake Rousseau
Bowers Lake
Lake Weir
Unk. Reservoir 1
Silver Lake
LAKE
Nicotoon Lake
Lake Arron
Lake Dorr
Lake Beresford
Little Lake Weir
Unk. Reservoir 2
Ella Lake
Lake Norris
Holy Lake
Lady Lake
Unk. Reservoir 1
Dupont Lake
Lake Ashby
CITRUS
Lake Yale
Theresa Lake
Cherry Lake
Lake Umatilla
Louise Lake
Unk. Lake 1
SUMTER
Lake Griffin
Kohomac Lake
Lake Gleason
Trout Lake 1
Lake Monroe
Lake Deaton
Silver Lake
Loch Leven
Lake Bethel
SEMINOLE

NORTH

10 5 0 10 Miles

1
2
3
4

LEGEND

- Preliminary Lake or Reservoir Site
- Major Rivers and Lakes
- Counties

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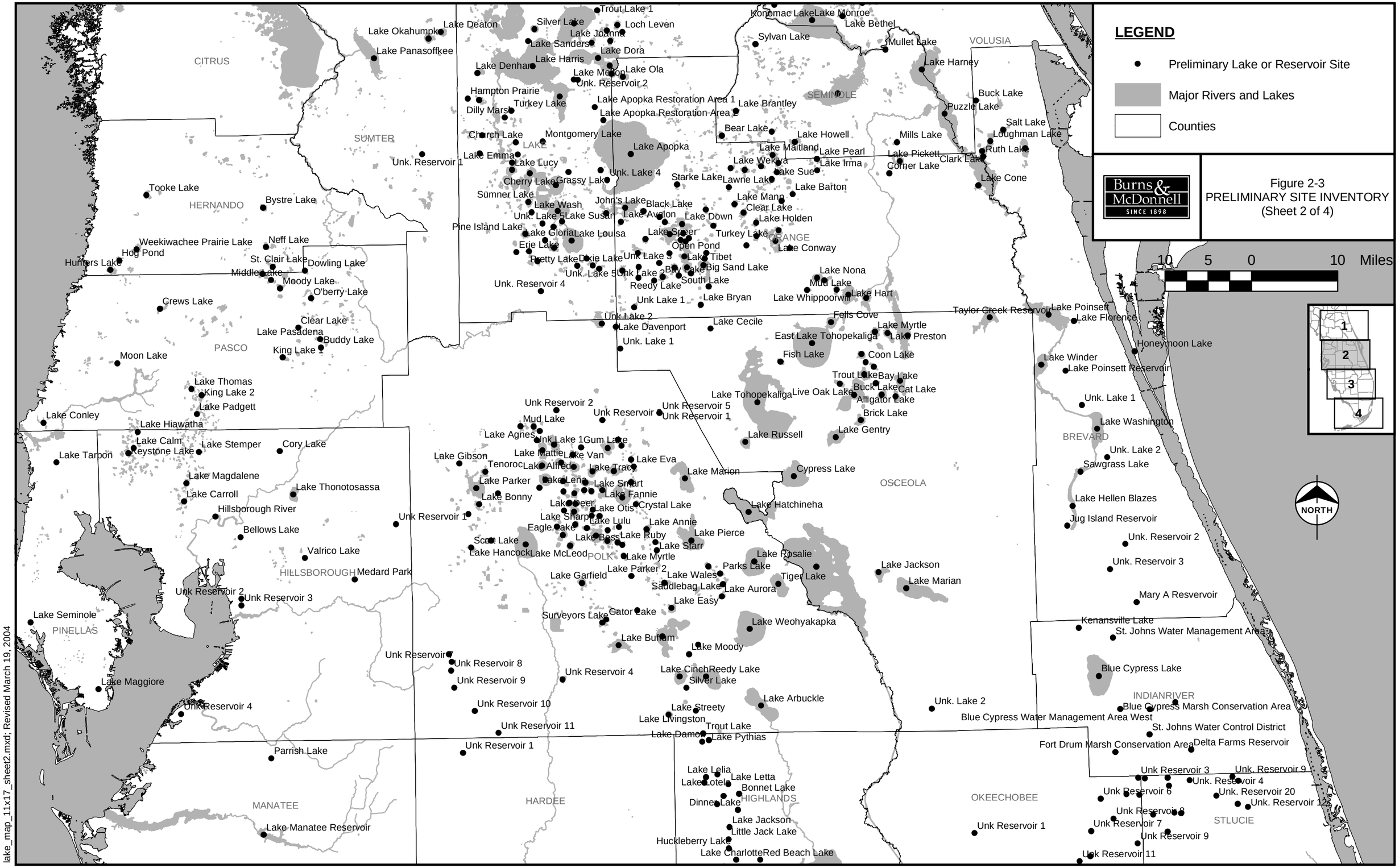
Figure 2-2
PRELIMINARY SITE INVENTORY
(Sheet 1 of 4)

lake_map_11x17_sheet1.mxd; Revised March 19, 2004



lake_map_11x17_sheet2.mxd; Revised March 19, 2004

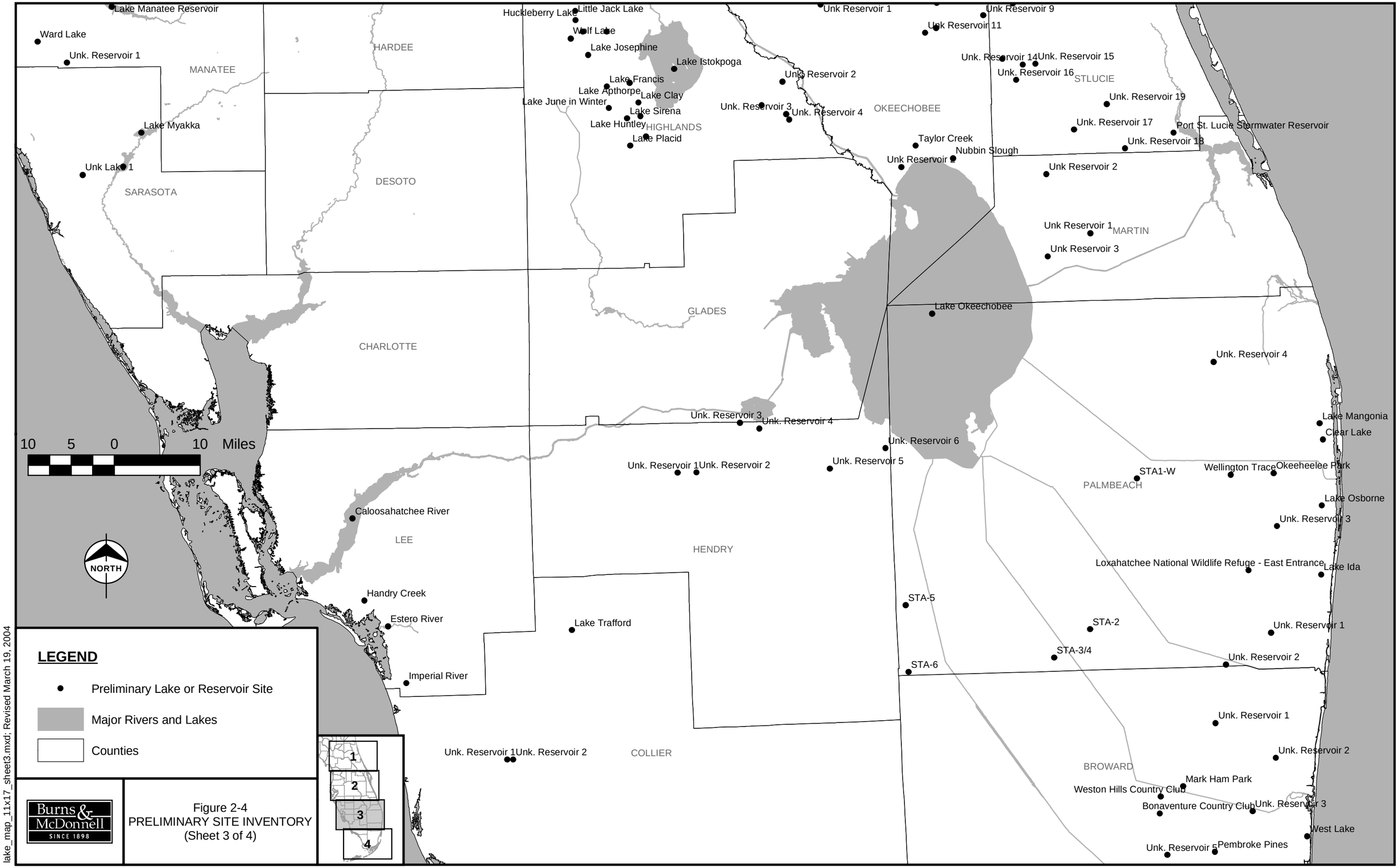

Lake Manatee Reservoir
Ward Lake
Unk. Reservoir 1
Lake Myakka
Unk Lake 1
MANATEE
SARASOTA
HARDEE
DESOTO
CHARLOTTE
GLADES
LEE
HENDRY
COLLIER
Huckleberry Lake
Little Jack Lake
Wolf Lake
Lake Josephine
Lake Istokpoga
Lake Francis
Lake Apthorpe
Lake Clay
Lake June in Winter
Lake Sirena
Lake Huntley
Lake Placid
HIGHLANDS
Unk. Reservoir 1
Unk. Reservoir 9
Unk. Reservoir 11
Unk. Reservoir 14
Unk. Reservoir 15
Unk. Reservoir 16
STLUCIE
Unk. Reservoir 2
Unk. Reservoir 3
Unk. Reservoir 4
OKEECHOBEE
Unk. Reservoir 19
Unk. Reservoir 17
Port St. Lucie Stormwater Reservoir
Unk. Reservoir 18
Taylor Creek
Nubbin Slough
Unk Reservoir 2
Unk Reservoir 2
Unk Reservoir 1
MARTIN
Unk Reservoir 3
Lake Okeechobee
Unk. Reservoir 4
Unk. Reservoir 3
Unk. Reservoir 4
Unk. Reservoir 6
Unk. Reservoir 1
Unk. Reservoir 2
Unk. Reservoir 5
STA1-W
Wellington Trace
Okeeheelee Park
PALMBEACH
Lake Mangonia
Clear Lake
Lake Osborne
Unk. Reservoir 3
Loxahatchee National Wildlife Refuge - East Entrance
Lake Ida
STA-5
STA-2
STA-3/4
STA-6
Unk. Reservoir 1
Unk. Reservoir 2
Unk. Reservoir 1
Unk. Reservoir 2
BROWARD
Mark Ham Park
Weston Hills Country Club
Bonaventure Country Club
Unk. Reservoir 3
West Lake
Unk. Reservoir 5
Pembroke Pines
Caloosahatchee River
Handry Creek
Estero River
Imperial River
Lake Trafford
Unk. Reservoir 1
Unk. Reservoir 2
10 5 0 10 Miles
NORTH
LEGEND
Preliminary Lake or Reservoir Site
Major Rivers and Lakes
Counties
1
2
3
4
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Figure 2-4
PRELIMINARY SITE INVENTORY
(Sheet 3 of 4)
lake_map_11x17_sheet3.mxd; Revised March 19, 2004

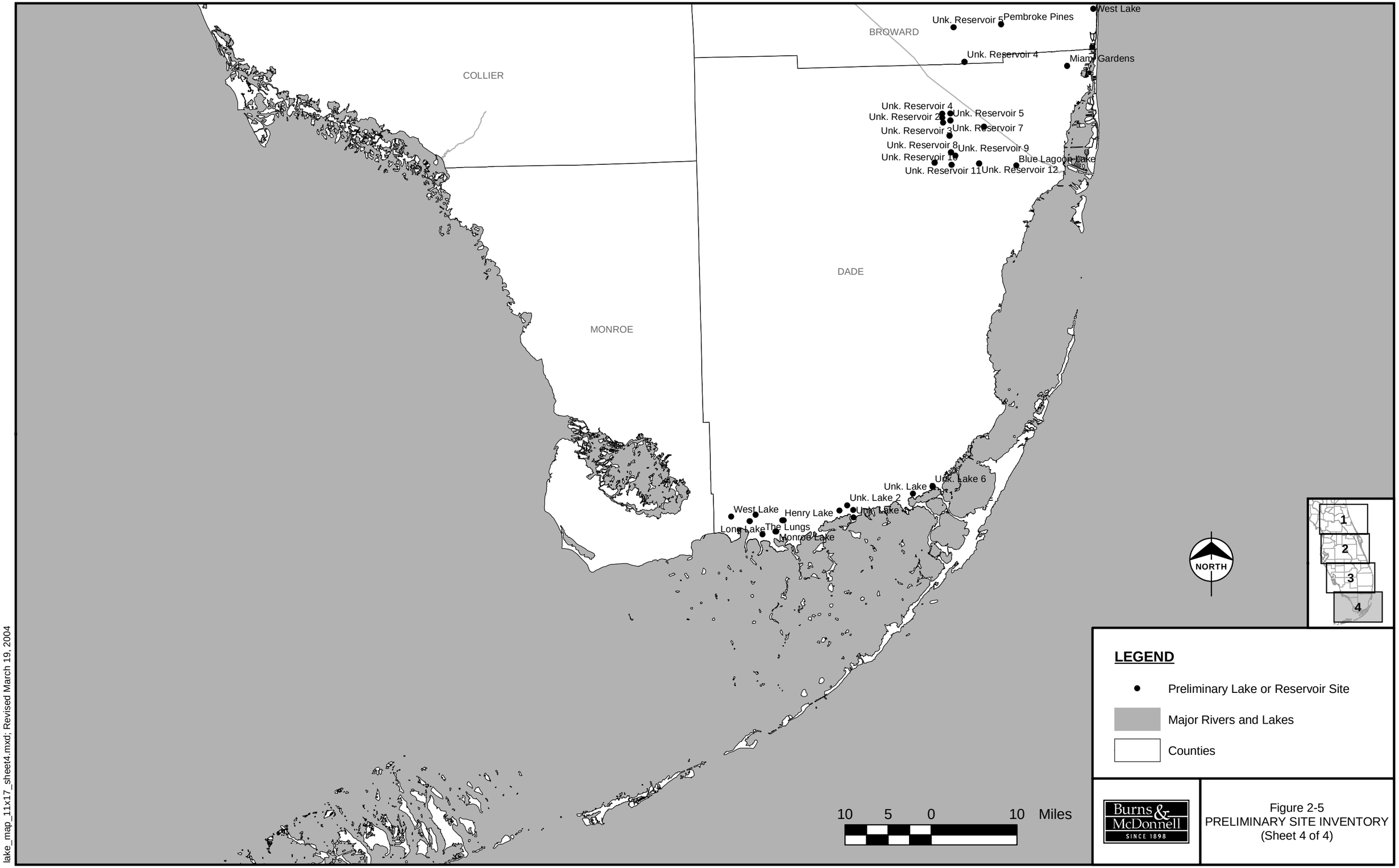
COLLIER
MONROE
BROWARD
DADE
West Lake
Unk. Reservoir 5
Pembroke Pines
Unk. Reservoir 4
Miami Gardens
Unk. Reservoir 4
Unk. Reservoir 2
Unk. Reservoir 5
Unk. Reservoir 3
Unk. Reservoir 7
Unk. Reservoir 8
Unk. Reservoir 9
Unk. Reservoir 10
Blue Lagoon Lake
Unk. Reservoir 11
Unk. Reservoir 12
Unk. Lake 6
Unk. Lake
Unk. Lake 2
Unk. Lake 4
West Lake
Henry Lake
Long Lake
The Lungs
Monroe Lake
NORTH
1
2
3
4
LEGEND
Preliminary Lake or Reservoir Site
Major Rivers and Lakes
Counties
10 5 0 10 Miles
Burns & McDonnell
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Figure 2-5
PRELIMINARY SITE INVENTORY
(Sheet 4 of 4)
lake_map_11x17_sheet4.mxd; Revised March 19, 2004

2.3 ADDITIONAL SITE SCREENING

The preliminary water body inventory discussed in the previous section is believed to contain the majority of potential data sites over 100 acres in Central and South Florida; however, it is impractical to attempt to acquire data for over 600 sites. For this reason, additional screening of the site inventory was completed to focus data-gathering efforts on those systems that have the highest potential for model calibration. Briefly, the ideal system will have most or all of the following characteristics.

- Flow-through hydrology with a significant period of record (POR) of inflow and outflow water quality data, and inlet and/or outlet flow data
- Stage data
- Plant community data
- Physical data (bathymetry or design depths)

Reducing the list of over 600 preliminary water bodies to a reasonable number was done through interviews with the most knowledgeable person or persons within each water management district, or other agency. The purpose of these interviews — whether in person, by telephone or electronic mail — was to seek answers to the following questions:

- Have any relevant water bodies been omitted?
- Has each identified water body been properly named and located?
- Have any known data sources been overlooked?
- Which lakes or reservoirs are likely to have the most relevant information?

Table 2-2 is a list of the principal contacts made to help in screening the preliminary water bodies.

Interviews were held with knowledgeable individuals at the three water management districts to short-list the most relevant and high-value data sites. The preliminary map of candidate water bodies was reviewed and, based on the combined experience of the individuals interviewed, most of the possible systems were eliminated due to either a paucity of useful data and/or lack of conformity to the physical criteria needed

Table 2-2: Principal Water Management District and Other Agency Contacts

Organization	Contact Name	Telephone Number
SFWMD	Jorge Marban	561-682-6501
	Carlos Adorisio	561-682-2255
	Lewis Hornung	561-682-2007
	Karl Havens	561-682-6534
	Linda McCarthy (FDACS)	561-682-2845
SJRWMD	Matt Fischer	386-312-2309
	Steve Winkler	386-329-4543
	Bill VanSickle	386-329-4580
	Scott Snyder	Not available
	Mike Coveny	386-329-4366
	Carol Lippencott	386-329-4295
SWFWMD	Margit Crowell	352-796-7211 x4310
	Jim Griffin	352-796-7211 x4286
	Roberta Stark	813-985-7481 x2115
Florida DEP	Tracy Wade	352-392-4817
Collier County	Rhonda Watkins	239-732-2502
Dade County	Julie Baker	305-372-6789
Hillsborough County	Christi Schumann	Not available
Pasco County	Doug Yowell	727-847-8145
Polk County	Michele Medani	863-534-7377 x248
University of Florida (IFAS)	Julie Terrell	352-392-4817

for this project. For the remaining priority candidate systems retained and listed in Table 2-3, specific contacts within the water management district were identified as most knowledgeable about data resources.

Through these interviews and collection of readily available data for the preliminary lakes and reservoirs, a “short list” of 36 candidate lakes and reservoirs was developed. These candidate lakes and reservoirs are listed in Table 2-3 and shown on Figure 2-6.

Table 2-3: Candidate Lakes and Reservoirs

Water Management District	County	Name	Type	Area (acres)
SFWMD	Collier	Lake Trafford	Lake	1,485
	Highlands	Bonnet Lake	Lake	224
		Lake Istokpoga	Lake	23,965
		Lake Josephine	Lake	1,068
		Lake Sebring	Lake	443
		Red Beach Lake	Lake	307
	Lee	Caloosahatchee River	River	15,033
	Martin	FP&L Martin County	Reservoir	5,773
SJRWMD	Brevard	Lake Washington	Lake	2,811
		St. Johns Marsh Conservation Area (Brevard County Stick Marsh)	Mixed	23,223
	Flagler	Crescent Lake	Lake	17,086
		Lake Disston	Lake	1,886
	Indian River	Blue Cypress Water Management Area–East (Sun Ag Reservoir)	Mixed	5,830
		Blue Cypress Water Management Area–West	Mixed	4,920
		Kenansville Lake	Reservoir	2,082
		St. Johns Water Management Area	Mixed	6,500
	Lake	Emeralda Marsh Conservation Area	Reservoir	1,715
		Lake Norris	Lake	1,118
	Marion	Sunny Hill Farm	Mixed	4,498
	Osceola	Taylor Creek Reservoir	Reservoir	1,543
	Putnam	Rodman Reservoir	Reservoir	3,857
	Seminole	Lake Harney	Lake	5,905
		Lake Jessup	Lake	8,013
	Volusia	Lake George	Lake	44,486
		Lake Monroe	Lake	8,589

Table 2-3: Candidate Lakes and Reservoirs (cont.)

Water Management District	County	Name	Type	Area (acres)
SWFWMD	Citrus	Tsala Apopka	Lake	N/A
	Hillsborough	Keystone Lake	Lake	426
		Lake Calm	Lake	114
		Lake Carroll	Lake	208
		Lake Magdalene	Lake	208
		Lake Thonotosassa	Lake	847
		Medard Park	Reservoir	590
	Pinellas	Lake Seminole	Lake	663
	Polk	Lake Howard	Lake	626
		Lake Parker	Lake	2,138
	Sumter	Lake Panasoffkee	Lake	3,739

The Statement of Work for this project lists five specific water bodies, which are listed in the District's Long-Term Plan, that should be considered in this study:

- Lake Apopka
- Lake Jessup
- Brevard County Stick Marsh (St. Johns Marsh Conservation Area)
- Sun Ag Reservoir (Blue Cypress Water Management Area–East)
- Lake Istokpoga

All of these water bodies, except one, are included in Table 2-3 as candidate sources. The missing water body is Lake Apopka. Lake Apopka is not considered to be suitable for use in this study because of its complexity. This lake has multiple inflow and discharge points, and a relatively static water level that makes it unsuitable for this study.

Intensive data collection activities were conducted for all of the 36 candidate water bodies. However, it is recognized that once data are in-hand, it may be determined that some of these water bodies do not meet the specific needs of the WQIR project and those water bodies will be dropped from future data analysis tasks.

* * * * *

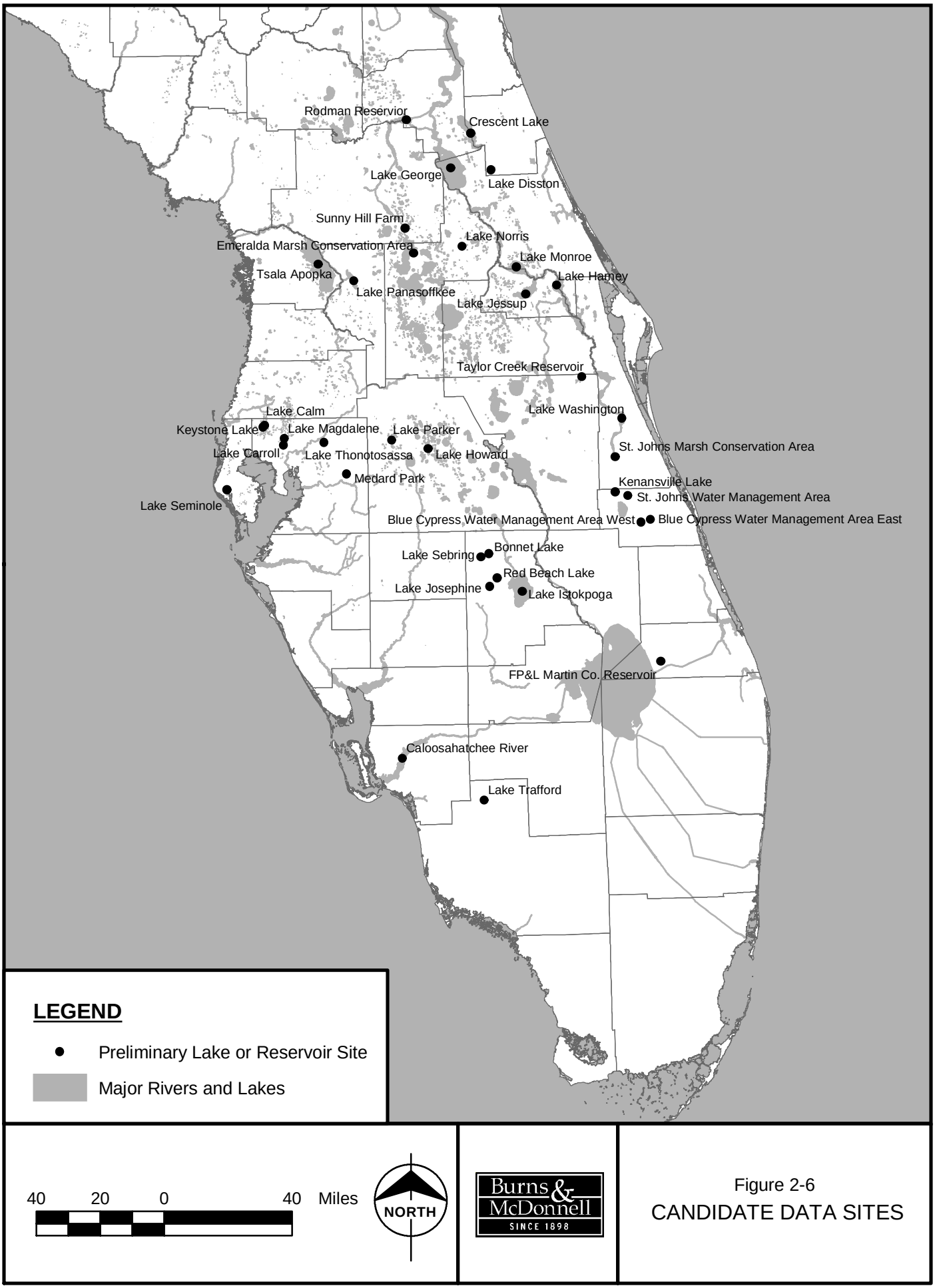

Figure 2-6
CANDIDATE DATA SITES

3 DATA ACQUISITION PROCESS

3 DATA ACQUISITION PROCESS

Once the 36 candidate water bodies were identified, the available data for these candidate sites were obtained. The data acquisition process for these water bodies is described in this report section.

3.1 DESIRED DATA TYPES

The objective of this study is to develop data sets that can be used in calibrating an analytical model. The desired data types include those listed below:

- Morphometry, as built drawings and geometry
- Hydrologic data such as water levels, inflow and outflow rates, seepage inflows and outflows, and pump operation data
- Plant community data such as dominant species, plant zonation, and plant biomass
- Physical and chemical characteristics of antecedent and flooded soils
- Available water quality data including those types listed below
  - Phosphorus (total, dissolved, organic and inorganic) concentration in inflow and outflow
  - Field parameters such as temperature, pH, specific conductance, and dissolved oxygen
  - Chlorides
  - Iron
  - Turbidity
  - Alkalinity
  - Nitrogen in all its forms
  - Calcium

  - Sulfate
  - Sodium
  - Trace metals
  - Pesticides and herbicides
- Climatological data such as precipitation, air temperature and evapotranspiration
- Hydraulic properties such as residence time, residence time distribution (hydraulic efficiency), and volumetric efficiency
- Maps and design information such as structure locations, properties, and operating rules and schedules
- Operating criteria such as inflow and outflow water quality targets
- Capital and operating costs

3.2 DATA ACQUISITION METHODS

The 36 candidate data sites were selected because (1) they generally have physical properties similar to the proposed man-made reservoirs including flow-through hydrology and relatively shallow (less than 20 feet) average water depths, and (2) they have available large quantities of the data types listed above. Much of the available numeric data, such as flow and water quality data, were acquired through the Internet searches while other data were obtained directly from the respective data holders. For some sites, only printed copies of numeric data were available, and many of the maps and the design data were provided as paper copies. In their raw format, the electronic data collected for the 36 candidate data sites alone constituted over one gigabyte (GB) of data. Considerable quantities of useful data were only available through water management district, consultant, and academic reports. These reports were obtained in electronic format (Adobe Acrobat) whenever possible. Some of the reports were obtained as photocopies.

3.3 DATABASE AND GIS CONSTRUCTION

After the data acquisition process was complete, a project database was developed using Microsoft Access 2002. The available time-series data — primarily hydrologic, water quality and climatic data — were then imported into this database for ease in sorting, display and use in subsequent analyses. To the

extent practicable, the database was designed to be fully normalized (that is, descriptive data were not repeated but stored only once in the database). The principal data tables contained in the project database are described briefly below.

- Data Site: The Data Site table (tblDateSite) contains a single record for each of the 36 candidate data sites investigated in this study task. The data columns in this table include the data site name and location, and codes that identify the water managment district and county where the site is located.

- County: A list of the Florida counties included in the project study area is contained in the County lookup table (tblCounty).

- Organization: The Organization lookup table (tblOrganization) contains the names of the different agencies that collected the data contained in the project database along with a standard abbreviation for each of these agencies.

- Station: Each of the monitoring stations represented in the project database are listed in the Station table (tblStation). This table contains columns for the station number, name, latitude, longitude and codes for the collecting organization.

- Location Type: The Location Type lookup table (tblLocationType) contains the standard names for each relative location type.

- Station Location: The Station Location table (tblStationLocation) is a cross reference table that identifies the monitoring stations associated with each candidate data site. For each of these data site-monitoring station pairs, this table also indicates the location of the station relative to that water body. For example, is it an inflow station, outflow station, interior station, or external station.

- Parameter: A standardized list of data parameters is included in the Parameter table (tblParameter). In addition to the parameter name, this table contains data columns for standard abbreviations and data units.

- Analytical Data: The Analytical Data table (tblAnalyticalData) contains all of the actual time series data that were imported into the project database. This table includes data columns that contain identification numbers for the respective monitoring station and data parameter along with the sampling date and resultant data value.

- Data Summary Parameter: The Data Summary Parameter table (tblDataSummaryParameter) is an auxiliary table that contains a list of the more important data parameters that were included in the data summary reports for each candidate data site.

A graphical representation of the database schema is shown in Figure 3-1. This figure shows each database table, the fields in each table, and the relationships between tables.

A geographic information system (GIS) was also utilized in this study task but it was used only for the purpose of creating the various maps included in this report. These maps were created using ESRI's ArcGIS (version 8.3).

3.4 DATA ACQUISITION SUMMARY

The data acquired for the candidate water bodies were collected by a number of difference federal, state and local organizations. In addition to the three water management agencies (SFWMD, SJRWMD and SWFWMD), 18 other agencies were found to have collected data pertinent to this study. In total, data were collected for over 1,200 monitoring stations. At these stations, nearly 3.0 million data points were obtained and imported into the project database. A list of the organizations that provided data used in this study along with the number of monitoring stations and data points obtained from each organization is presented in Table 3-1. Readers should note that at present, the project database contains only those data for the candidate data sites that were available in an electronic format. There may be additional, significant data that are available only in printed reports.

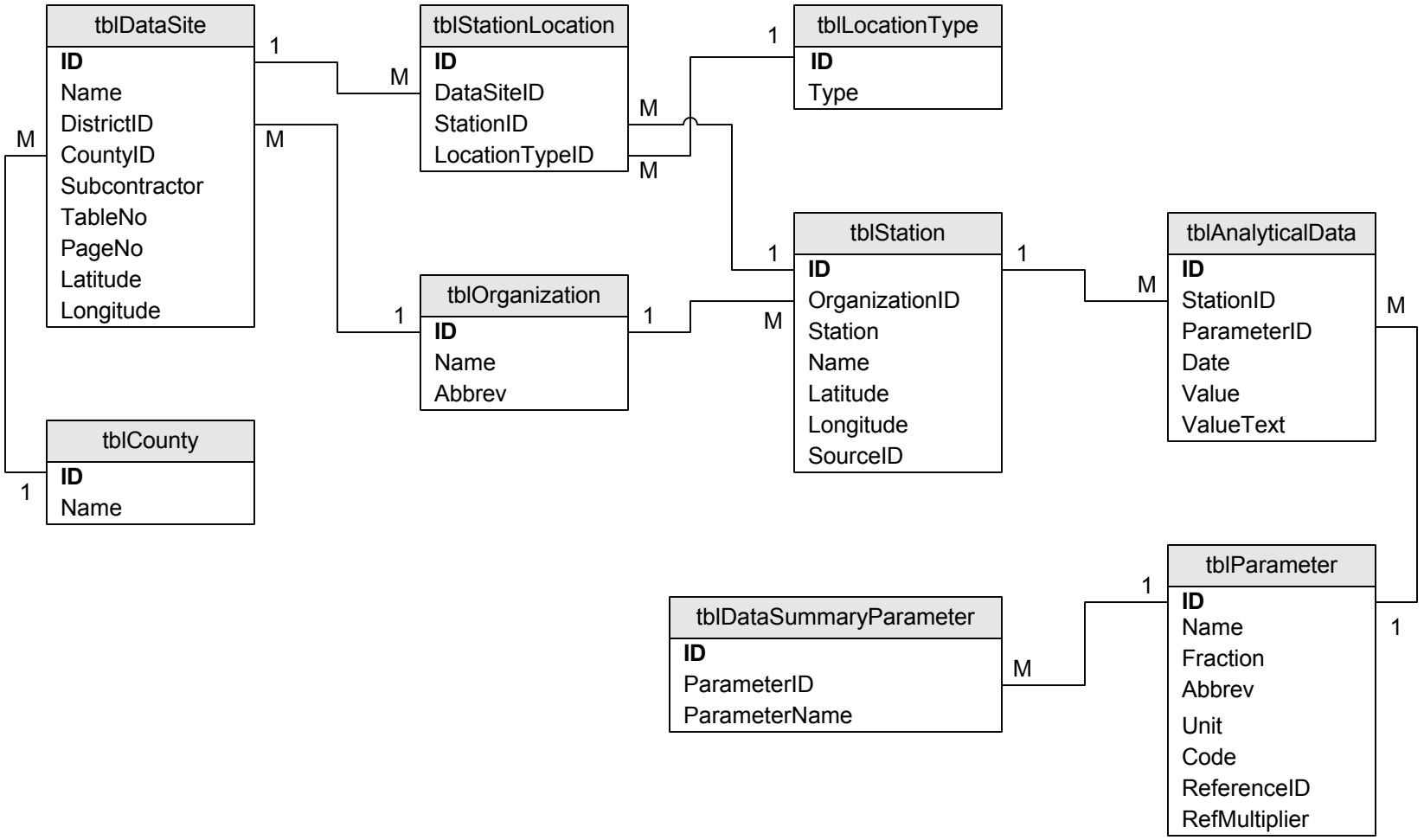

Figure 3-1

DATABASE SCHEMA

Table 3-1: Numbers of Monitoring Stations and Data Points by Collecting Organization

Organization	Number of Monitoring Stations	Number of Data Points
South Florida Water Management District	55	255,130
St. Johns River Water Management District	244	566,843
Southwest Florida Water Management District	63	172,311
U.S. Environmental Protection Agency	47	2,734
U.S. Army Corps of Engineers	18	16,579
U.S. Geological Survey	184	792,687
U.S. Forest Service	10	57,216
National Oceanic and Atmospheric Administration	23	784,752
Florida Department of Environmental Protection	225	74,002
Florida Game and Fresh Water Fish Commission	77	48,511
Florida LAKEWATCH	119	18,857
Collier County	9	---
Hillsborough County	23	39,806
Lake County	7	1,182
Lee County	5	4,214
Orange County	1	506
Pinellas County	32	84,695
Polk County	10	---
Seminole County	20	6,245
Volusia County	20	22,712
City of Fort Meyers	11	8,432
Totals	**1,203**	**2,957,414**

In some cases, the same data were obtained from more than one source. When identified, these duplicate data points were filtered out of the project database. This is the reason that Collier and Polk counties are shown in Table 3-1 to have a total of 19 monitoring stations but no associated data points, as the data from these stations were also obtained from other sources.

Appendix B, Table B-1 contains a master list of all the monitoring stations used in this study organized by the candidate water body they are associated with. Also shown in Table B-1 for each station are its latitude and longitude coordinates (when known), and relative location. A station's relative location indicates whether its data is representative of inflow, outflow, interior, or external conditions for the water body in question. For some stations, their relative locations are still undetermined.

* * * * *

4 DATA INVENTORY FOR CANDIDATE SITES

4 DATA INVENTORY FOR CANDIDATE SITES

The electronic and other data obtained for each of the 36 candidate sites are summarized in this report section. The individual reservoir and lake sites are organized alphabetically by name so they can be more easily located within this section.

4.1 BLUE CYPRESS WATER MANAGEMENT AREAS (EAST AND WEST)

The Blue Cypress Water Management Area (WMA) is located in Indian River County near the intersection of State Route (SR) 60 and County Road (CR) 512. CR 512 divides the east and west portions of this WMA. This WMA is managed by the St. Johns River Water Management District (SJRWMD) to reduce flooding, restore natural hydrologic cycles and enhance habitat for fish and wildlife. The east and west portions of this WMA are respectively 5,830 and 4,920 acres in size. Blue Cypress WMA East is also known as Sun Ag Reservoir.

There are a number of monitoring stations within and near the Blue Cypress WMA. The locations of these monitoring stations are shown on Figure 4-1. The types of hydrologic, water quality and other numeric data available for these stations are summarized in Tables 4-1 and 4-2. These tables list the number of data points and period of record for selected parameters at each candidate site, organized by their relative locations. The parameters chosen for inclusion in this and similar tables that follow were flow, water level/stage, water temperature, dissolved oxygen, pH, calcium, total phosphorus, and total nitrogen. These parameters are considered to be the most influential for deciding if a particular data site should be eliminated or carried forward for additional analysis in Task 3.

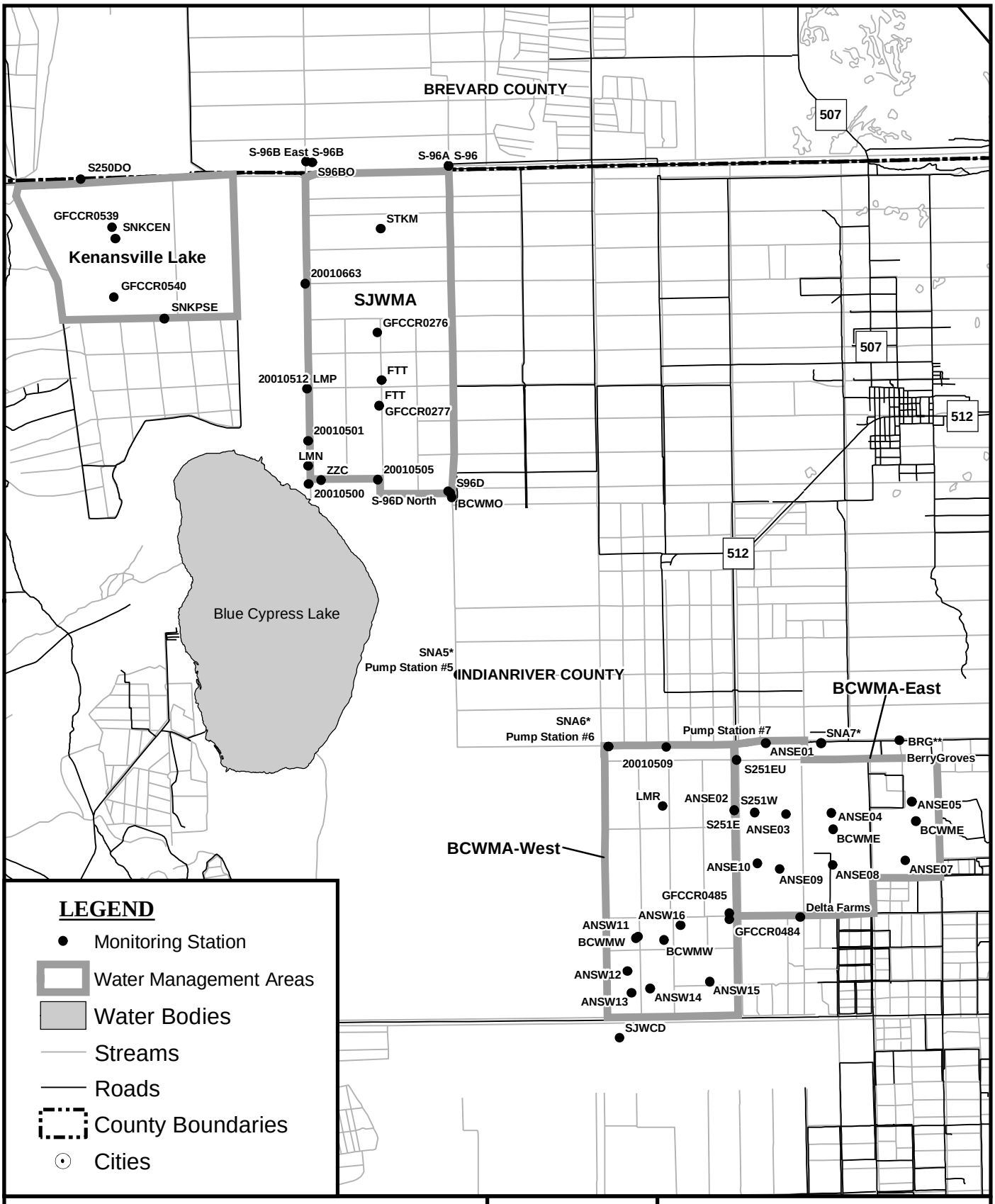

Figure 4-1
BLUE CYPRESS WMA
EAST & WEST
KENANSVILLE
ST. JOHNS WMA
MONITORING STATIONS

Table 4-1: Blue Cypress WMA-East Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Flow (cfs)	5828	10/28/1986-10/19/1999	4.194	0.000	257.125
Outflow Station(s)					
Elevation (feet)	472	06/01/2002-09/15/2003	12.526	12.135	13.169
Flow (cfs)	1826	10/01/1992-09/30/1997	28.975	-101.338	406.358
Interior Station(s)					
Calcium (mg/l)	106	11/20/1991-07/21/2003	26.556	0.000	61.713
Depth (m)	109	07/23/1991-07/21/2003	0.867	0.220	1.630
Elevation (feet)	2449	01/01/1997-09/15/2003	12.475	11.379	13.189
pH	107	07/23/1991-07/21/2003	7.598	5.980	8.770
Phosphate (PO4-mg/l)	104	07/23/1991-07/21/2003	0.007	-0.005	0.054
Phosphorus (ug/l)	106	07/23/1991-07/21/2003	10.830	-7.000	62.000
Phosphorus-Dis (ug/l)	27	05/20/1992-09/11/1996	8.370	1.000	36.000
Temperature (deg C)	108	07/23/1991-07/21/2003	24.221	12.210	32.040
Total Nitrogen (mg/l)	134	07/23/1991-07/21/2003	1.550	0.816	3.720

Table 4-2: Blue Cypress WMA-West Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Elevation (feet)	2912	01/01/1997-09/15/2003	13.080	11.112	14.187
Flow (cfs)	8818	01/02/1992-04/21/2000	19.497	-287.375	2,131.113
Outflow Station(s)					
Flow (cfs)	3637	10/01/1993-09/15/2003	158.910	0.000	1,624.000
Interior Station(s)					
Calcium (mg/l)	206	11/20/1991-07/21/2003	56.453	0.000	102.282
Depth (m)	207	07/23/1991-07/21/2003	1.119	0.180	5.000
Elevation (feet)	2449	01/01/1997-09/15/2003	12.812	11.808	13.542
pH	205	07/23/1991-07/21/2003	7.344	5.890	9.210
Phosphate (PO4-mg/l)	201	07/23/1991-07/21/2003	0.012	-0.018	0.265
Phosphorus (ug/l)	206	07/23/1991-07/21/2003	40.893	-10.000	441.000
Phosphorus-Dis (ug/l)	53	05/20/1992-09/11/1996	16.981	-7.000	118.000
Temperature (deg C)	207	07/23/1991-07/21/2003	23.526	10.900	31.360
Total Nitrogen (mg/l)	260	07/23/1991-07/21/2003	1.491	0.670	4.983

Review of Table 4-1 shows there are about seven years worth of daily inflow volume data for Blue Cypress WMA-East. and five years worth of outflow data. Unfortunately, all of the phosphorus sample data available for this water body are for the interior of the WMA, and do not necessarily represent the concentration of phosphorus in the inflow or outflow. Also based on the available montoring data, the average depth of this water body is only 2.7 feet, less than the specified 3-foot minimum. These data characteristics lead an overall rating of Fair for this water body.

Blue Cypress WMA-West has similar data availability as its eastern neighbor. The chief deficiency of this candidate data site is the lack of data on inflow and outflow phosphorus concentrations. This water body is also considered to be only a Fair candidate to use in developing a calibration data set.

The other types of information that have been collected for the Blue Cypress WMA include

- Morphometry
- Geometry
- Structure locations
- Seepage data
- Data on dominant species, species composition and plant zonation
- Data on antecedent conditions and flooded soil characteristics
- Climatic data such as precipitation and pan evaporation

4.2 BONNET LAKE

Bonnet Lake is located in Highlands County near Avon Park. This lake, which is within the SWFWMD, is located east of SR 17 in a residential area with RV parks and other homes. Bonnet Lake is approximately 224 acres in size.

A map showing Bonnet Lake is included as Figure 4-2. There are only a few monitoring stations with data available for this lake. Table 4-3 is a summary of these data. This data site has daily outflow volume records for approximately six years but no corresponding inflow data. Also, monthly analyses for phosphorus concentration in the inflow, outflow and interior of Bonnet Lake have been completed under the Florida LAKEWATCH program. This candidate site is rated only Fair as a potential calibration data set because it lacks inflow volume records.

The other types of information that have been collected for Bonnet Lake include

- Morphometry
- As-built drawings
- Data on dominant species, species composition and zonation, and plant biomass

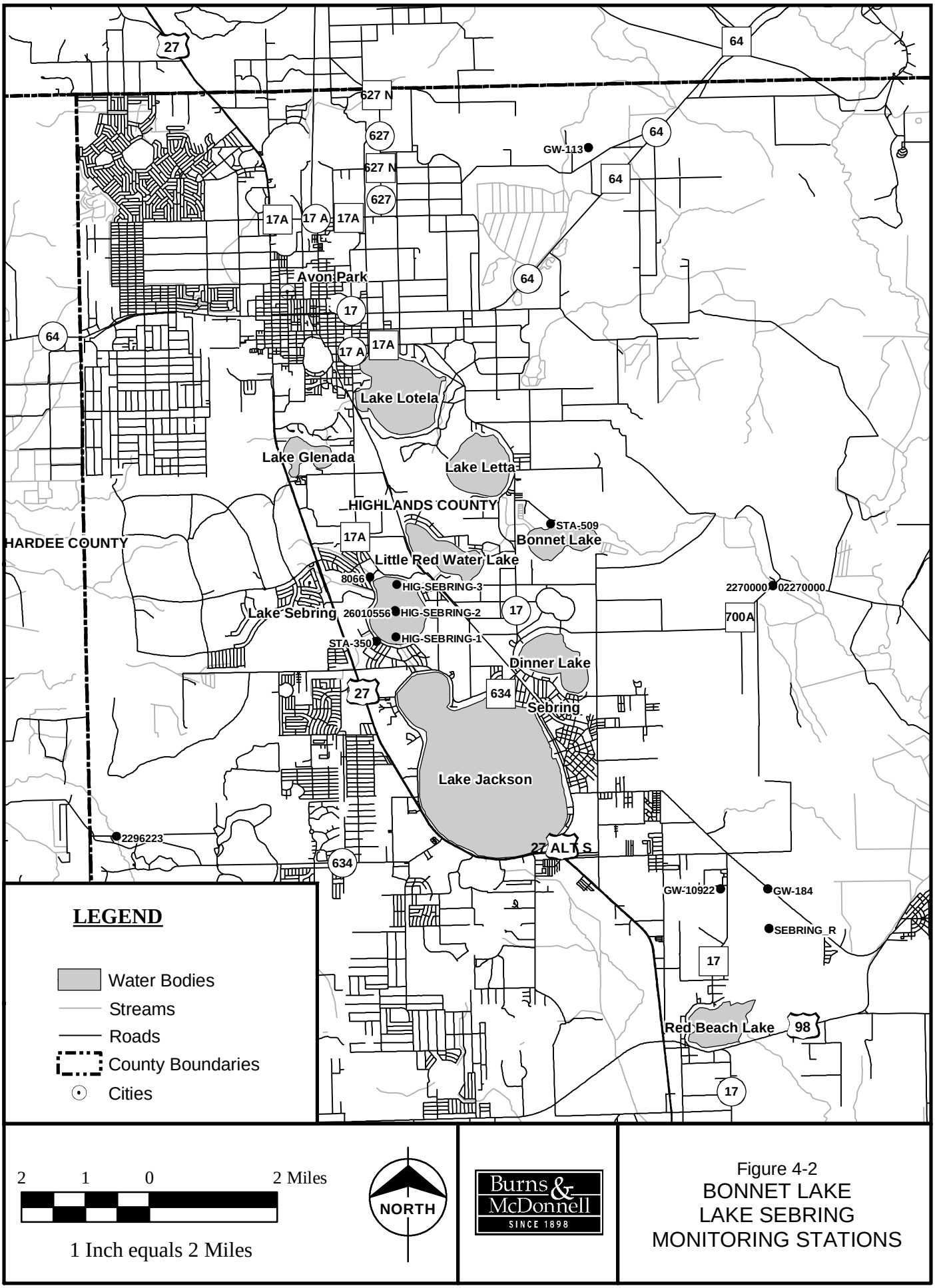

Figure 4-2
BONNET LAKE
LAKE SEBRING
MONITORING STATIONS

Table 4-3: Bonnet Lake Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Phosphorus (ug/l)	36	11/29/1998-10/28/2002	39.250	32.000	55.000
Outflow Station(s)					
Flow (cfs)	9175	10/01/1954-04/12/2004	25.241	1.600	352.000
Gage Height (feet)	4761	04/01/1991-04/12/2004	5.564	4.470	9.380
Phosphorus (ug/l)	36	11/29/1998-10/28/2002	38.778	31.000	51.000
Interior Station(s)					
Calcium (mg/l)	1	05/24/2000-05/24/2000	18.600	18.600	18.600
Depth (m)	1	05/24/2000-05/24/2000	0.310	0.310	0.310
Elevation (feet)	529	02/03/1982-12/04/2003	87.655	78.920	91.160
pH	1	05/24/2000-05/24/2000	7.160	7.160	7.160
Phosphorus (ug/l)	37	11/29/1998-10/28/2002	38.973	30.000	57.000
Temperature (deg C)	1	05/24/2000-05/24/2000	29.530	29.530	29.530
Total Nitrogen (mg/l)	1	05/24/2000-05/24/2000	1.100	1.100	1.100

4.3 CALOOSAHATCHEE RIVER

The Caloosahatchee River flows westward from Lake Okeechobee, through Glades, Hendry and Lee counties, to the Gulf of Mexico. The flow in this river is highly influenced by regulatory releases from Lake Okeechobee. The Caloosahatchee River has a surface area of approximately 15,000 acres.

Figure 4-3 is a map that shows the locations of the monitoring stations available for this data site and a data summary for selected parameters is included in Table 4-4. There are daily records of inflow and outflow volumes for this river for 31 and 36 years, respectively. Also, there are monthly records of phosphorus concentrations in the inflow, outflow and interior of this river for about three years. The availability of the important data types is at least as good for the Caloosahatchee River as for the better lakes in this study. However, this is a canal/river, a very long, narrow and shallow water body, and is not considered to be very similar to the proposed EAA storage reservoir. Therefore, this river is rated only Fair as a potential calibration data set.

Climatic data such as precipitation and pan evaporation have also been collected for this site.

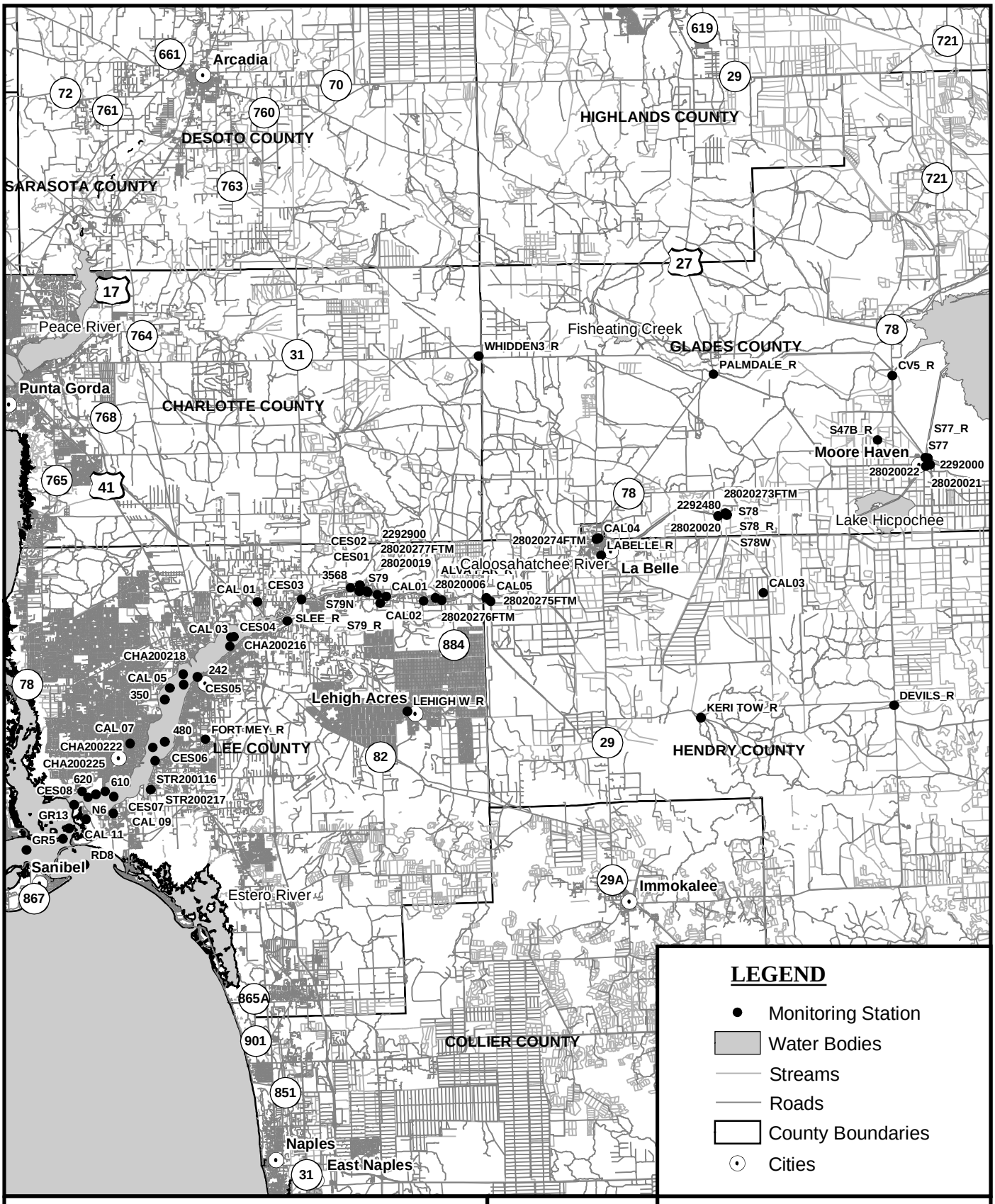

Figure 4-3
CALOOSAHATCHEE RIVER
MONITORING STATIONS

Table 4-4: Caloosahatchee River Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Calcium (mg/l)	116	01/25/1999-04/28/2003	50.825	15.459	80.307
Flow (cfs)	11403	07/01/1971-09/30/2002	898.014	0.000	9,720.000
pH	152	02/18/1999-06/02/2003	7.520	6.380	10.410
Phosphorus (ug/l)	138	01/25/1999-06/02/2003	132.072	40.000	838.000
Temperature (deg C)	152	02/18/1999-06/02/2003	25.684	13.340	36.300
Total Nitrogen (mg/l)	312	01/25/1999-06/02/2003	1.631	0.897	6.388
Outflow Station(s)					
Calcium (mg/l)	164	02/18/1999-05/21/2003	57.217	35.600	83.338
Depth (m)	42	10/18/1999-05/21/2003	3.300	2.320	9.000
Flow (cfs)	13287	05/01/1966-09/30/2002	1,658.467	0.000	21,400.000
pH	323	01/05/1988-05/21/2003	7.774	6.530	8.820
Phosphorus (ug/l)	150	01/22/1992-05/21/2003	136.700	34.000	1,282.000
Stage (feet)	28	10/17/2000-05/21/2003	3.770	0.000	17.250
Temperature (deg C)	272	01/05/1988-05/21/2003	25.433	13.330	37.000
Total Nitrogen (mg/l)	719	01/05/1988-05/21/2003	0.900	0.000	5.100
Interior Station(s)					
Calcium (mg/l)	52	02/22/1999-03/10/2003	53.658	30.600	99.400
Flow (cfs)	23371	10/01/1938-09/30/2002	849.913	-4,410.000	8,290.000
pH	164	01/22/1992-03/10/2003	7.758	5.500	9.660
Phosphorus (ug/l)	48	01/22/1992-12/12/1995	117.646	39.000	299.000
Temperature (deg C)	115	02/22/1999-01/07/2003	27.132	17.700	31.890
Total Nitrogen (mg/l)	80	02/22/1999-03/10/2003	1.408	0.690	3.000
Exterior-DS Station(s)					
Calcium (mg/l)	28	03/29/1999-03/10/2003	52.329	35.800	78.000
pH	441	03/17/1986-03/10/2003	7.825	4.780	8.980
Phosphorus (ug/l)	268	05/04/1989-12/12/1995	87.256	1.000	325.000
Temperature (deg C)	174	03/17/1986-01/07/2003	24.956	13.870	31.690
Total Nitrogen (mg/l)	483	03/17/1986-03/10/2003	0.785	0.000	7.250

4.4 CRESCENT LAKE

Crescent Lake is located east of U.S. Highway 17 on the border between Flagler and Putnam counties. This lake, which is within the SJRWMD, has a surface area of approximately 17,100 acres. The outlet for Crescent Lake is Dunns Creek, which is a tributary of the St. Johns River.

The available monitoring stations within and near Crescent Lake are shown on Figure 4-4. Table 4-5 is a summary of the sampling data available for selected parameters at this lake. Review of this table shows that this lake has relatively large amounts of data available. There are approximately 50 years worth of daily inflow volume data and about 17 years of daily outflow data for Crescent Lake. Also, there are data on phosphorus inflow and outflow concentrations with a period of record of about six years each. Both inflow and outflow phosphorus concentrations have been sampled approximately every other week or twice monthly. Based on data availability, Crescent Lake is one of the most promising candidates as a potential calibration data set and is rated Good for this purpose.

The other types of information that have been collected for Crescent Lake include

- Data on dominant species, species composition and plant zonation
- Climatic data such as precipitation and pan evaporation

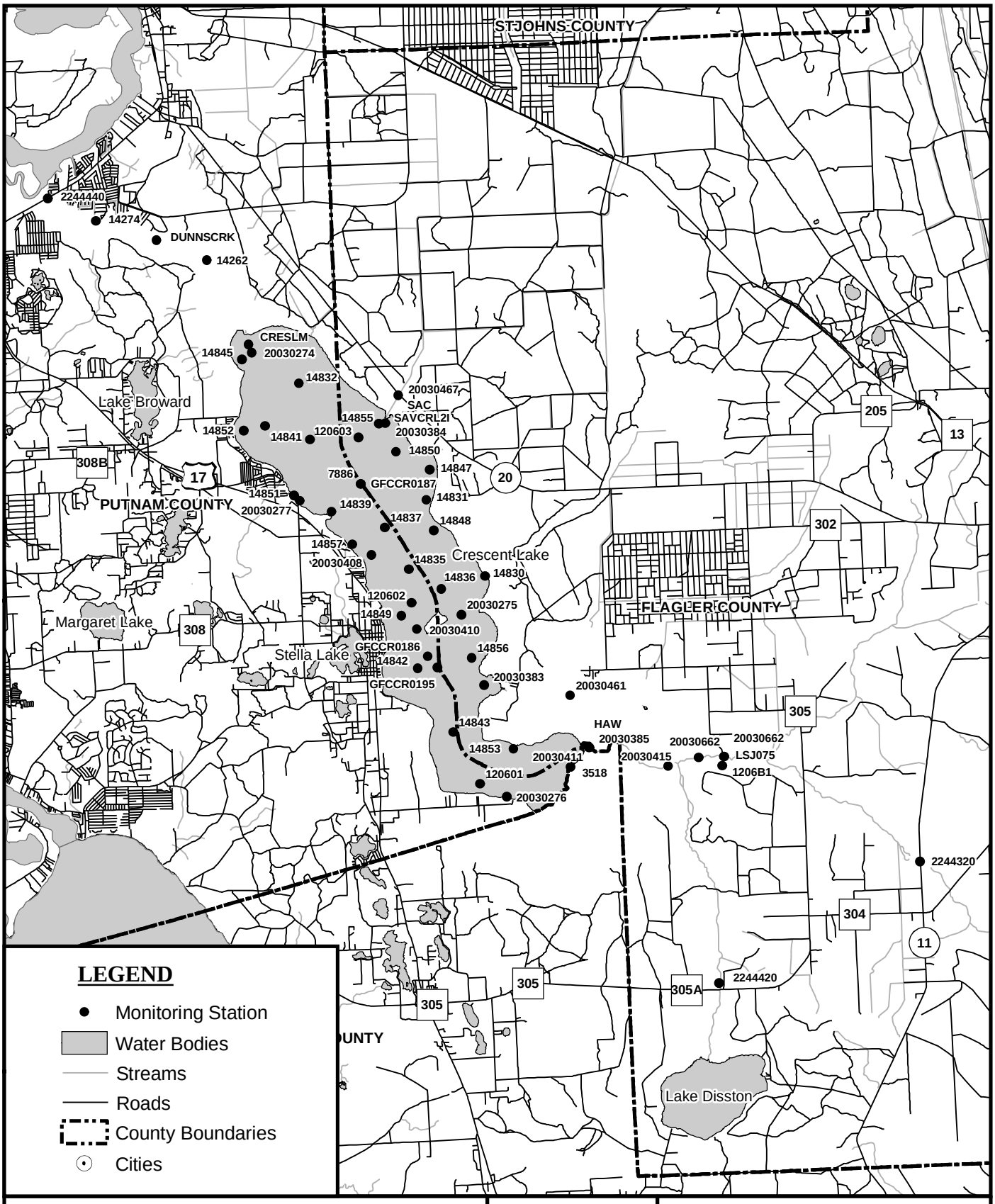

Figure 4-4

CRESCENT LAKE
MONITORING STATIONS

Table 4-5: Crescent Lake Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Calcium (mg/l)	229	12/30/1899-11/04/2003	20.445	-0.033	65.000
Depth (m)	217	12/30/1899-11/04/2003	1.954	0.440	8.500
Flow (cfs)	28855	01/01/1951-09/30/2002	78.110	0.000	3,400.000
Gage Height (feet)	27751	01/17/1951-09/30/2002	4.206	0.200	14.080
pH	422	12/30/1899-11/04/2003	6.695	4.400	9.460
Phosphate (PO4-mg/l)	55	12/30/1899-07/10/1978	0.050	0.008	0.213
Phosphorus (ug/l)	417	12/30/1899-11/04/2003	1,874.670	1.000	150,000.000
Phosphorus-Dis (ug/l)	141	10/08/1997-11/04/2003	50.069	-15.000	171.000
Stage (feet)	30	12/30/1899-07/15/1999	4.065	0.450	11.660
Temperature (deg C)	501	12/30/1899-11/04/2003	22.519	8.210	34.000
Total Nitrogen (mg/l)	580	12/30/1899-11/04/2003	1.362	0.200	5.710
Outflow Station(s)					
Calcium (mg/l)	146	10/17/1988-11/24/2003	33.268	9.310	64.281
Depth (m)	177	11/21/1996-11/24/2003	3.790	2.000	13.000
Flow (cfs)	6243	01/01/1978-09/30/2002	496.154	-8,340.000	10,600.000
Gage Height (feet)	8287	01/01/1978-09/30/2003	11.319	8.950	1,400.000
pH	233	04/04/1967-11/24/2003	7.478	5.500	9.500
Phosphate (PO4-mg/l)	88	04/11/1967-11/24/2003	0.036	0.003	0.170
Phosphorus (ug/l)	227	01/25/1971-11/24/2003	82.114	19.000	410.000
Phosphorus-Dis (ug/l)	204	11/21/1996-11/24/2003	43.495	-5.000	130.000
Temperature (deg C)	238	04/04/1967-11/24/2003	23.894	9.950	33.500
Total Nitrogen (mg/l)	438	04/11/1967-11/24/2003	1.225	0.350	2.690
Interior Station(s)					
Calcium (mg/l)	235	11/29/1977-03/06/2003	30.029	9.970	114.000
Depth (m)	50	10/19/1999-03/06/2003	3.652	1.700	4.600
pH	189	01/25/1971-03/06/2003	7.388	5.200	9.500
Phosphate (PO4-mg/l)	129	01/25/1971-05/21/1990	0.310	0.140	1.060
Phosphorus (ug/l)	118	01/25/1971-03/06/2003	133.093	20.000	490.000
Stage (feet)	21	11/15/1999-02/05/2003	1.247	0.600	2.740
Temperature (deg C)	246	01/25/1971-03/06/2003	22.878	8.000	34.500
Total Nitrogen (mg/l)	164	03/10/1973-03/06/2003	1.338	0.340	2.640

4.5 EMERALDA MARSH CONSERVATION AREA

The Emeralda Marsh Conservation Area is located in northern Lake County. This conservation area was created through the purchase of former farm areas northeast of Lake Griffin. SJRWMD manages this conservation area to provide increased recreational opportunities and improved wildlife habitat, and to help improve the water quality of Lake Griffin through the natural filtration effect of the area's wetlands.

The sampling stations within and near this conservation area are shown in Figure 4-5. Table 4-6 is a summary of the data available at these stations for selected monitoring parameters. This conservation area is managed as a marsh/wetland and does not have significant flow through it. Generally, water is pumped into this area only when necessary to supplement the natural runoff from the area's watershed. No records of pumpage into this conservation area were found. There are however about six years worth of daily discharge records from the conservation area. Monthly inflow, outflow and interior phosphorus concentrations have been monitored at this conservation area for 9, 10 and 10 years, respectively, with some stations having data available with a weekly sample interval. There are also about ten years of water level data for the conservation area. Although this candidate site has good records for most of the required data types, its lack of inflow volume records and significant flow-through hydrology earned a Fair rating for this site.

The other types of information that have been collected for the Emeralda Marsh Conservation Area include

- Morphometry
- Geometry
- Data on dominant species, species composition and plant zonation
- Data on antecedent conditions and flooded soil characteristics
- Climatic data such as precipitation and pan evaporation

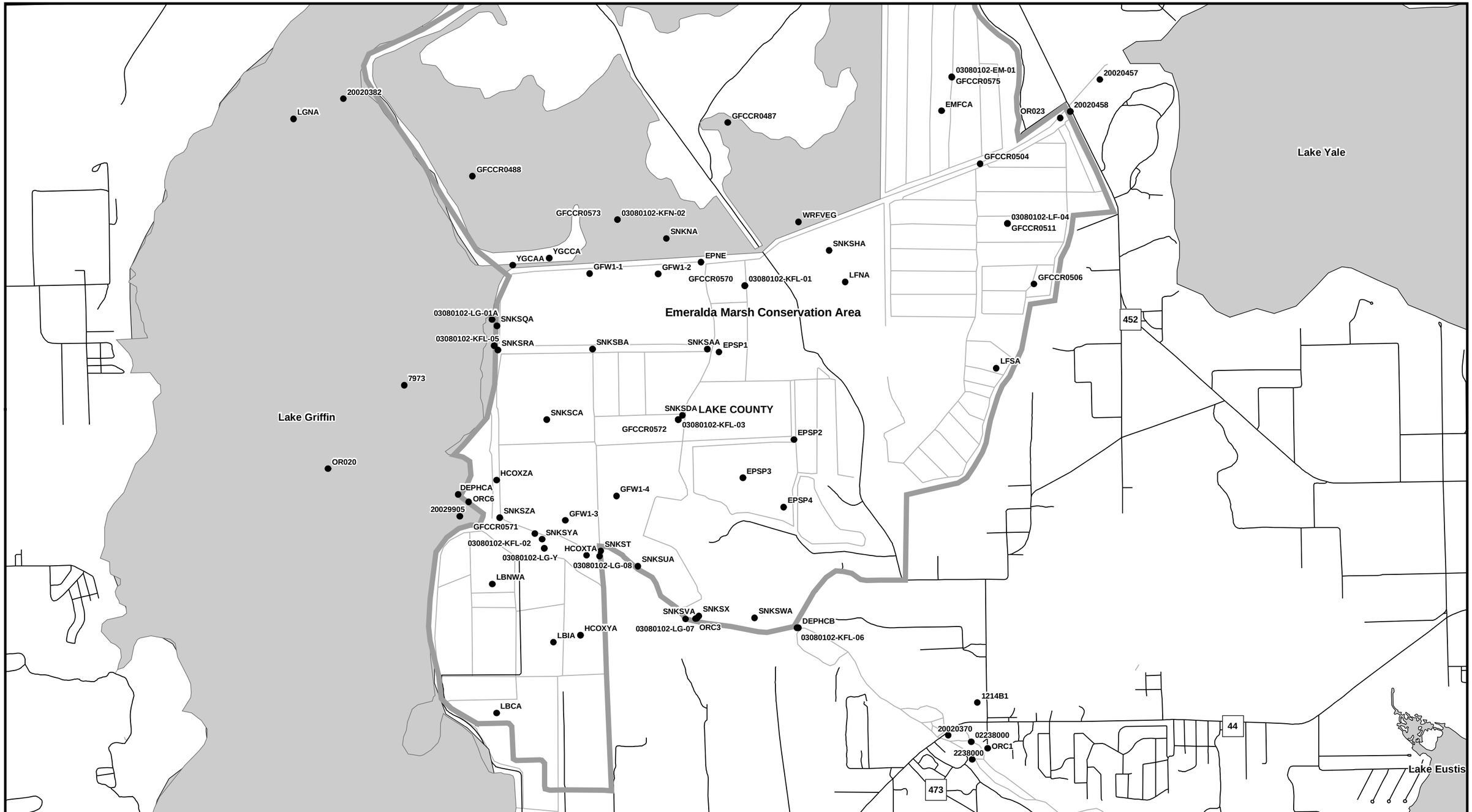

Figure 4-5

EMERALDA MARSH CONSERVATION AREA MONITORING STATIONS

Table 4-6: Emeralda Marsh Conservation Area Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Calcium (mg/l)	103	10/05/1992-04/28/2003	39.621	19.000	78.000
Depth (m)	585	11/29/1994-12/10/2003	1.115	0.140	4.360
Gage Height (feet)	699	01/07/1999-12/05/2000	0.143	0.000	1.250
pH	629	10/05/1992-12/10/2003	7.792	6.000	12.300
Phosphate (PO4-mg/l)	16	10/05/1992-01/14/2003	2.889	0.018	9.500
Phosphorus (ug/l)	619	06/28/1994-12/10/2003	204.088	41.000	4,010.000
Phosphorus-Dis (ug/l)	608	06/28/1994-12/10/2003	74.595	-15.000	3,710.000
Temperature (deg C)	630	10/05/1992-12/10/2003	22.697	1.000	33.100
Total Nitrogen (mg/l)	1216	06/28/1994-12/10/2003	2.955	1.100	12.043
Outflow Station(s)					
Calcium (mg/l)	250	12/19/1994-07/09/2003	48.750	25.440	128.253
Depth (m)	1019	04/14/1993-12/10/2003	1.338	0.080	5.500
Elevation (feet)	5293	08/04/1998-03/04/2004	48.779	0.000	62.370
Flow (cfs)	8040	12/03/1994-12/06/2000	8.352	0.000	711.261
pH	1102	04/14/1993-12/10/2003	7.098	2.390	14.320
Phosphate (PO4-mg/l)	15	04/14/1993-01/06/2003	1.641	0.029	4.640
Phosphorus (ug/l)	1095	04/14/1993-12/10/2003	616.592	2.500	8,136.000
Phosphorus-Dis (ug/l)	1049	10/25/1994-12/10/2003	522.950	1.000	40,000.000
Temperature (deg C)	1103	04/14/1993-12/10/2003	22.048	6.920	58.000
Total Nitrogen (mg/l)	2121	04/14/1993-12/10/2003	3.106	0.500	46.000
Interior Station(s)					
Calcium (mg/l)	550	10/05/1992-01/06/2004	40.858	14.106	81.865
Depth (m)	1507	09/14/1993-01/06/2004	1.146	0.130	4.700
Elevation (feet)	14684	03/19/1994-03/01/2004	48.311	0.000	59.510
Flow (cfs)	6634	06/14/1996-06/04/2003	3.778	-12.500	60.961
Gage Height (feet)	1944	06/30/1998-02/21/2003	0.280	0.000	7.530
pH	1589	10/05/1992-01/06/2004	7.314	2.030	9.700
Phosphate (PO4-mg/l)	72	10/05/1992-01/06/2004	3.844	0.012	18.100
Phosphorus (ug/l)	1536	08/11/1993-01/06/2004	1,123.630	17.784	13,400.000
Phosphorus-Dis (ug/l)	1503	08/11/1993-01/06/2004	933.047	0.000	12,500.000
Temperature (deg C)	1595	10/05/1992-01/06/2004	23.091	5.500	36.000
Total Nitrogen (mg/l)	3006	08/11/1993-01/06/2004	3.171	0.010	13.600
Unknown Station(s)					
Calcium (mg/l)	19	05/11/1992-06/21/1994	48.589	18.200	197.700
pH	12	05/11/1992-06/21/1994	7.250	6.200	9.900
Phosphate (PO4-mg/l)	19	05/11/1992-06/21/1994	2.523	0.630	9.800
Temperature (deg C)	17	05/11/1992-06/21/1994	22.853	13.500	34.000
Exterior-US Station(s)					

Table 4-6: Emeralda Marsh Conservation Area Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Calcium (mg/l)	32	01/25/1995-04/17/2003	42.716	26.000	82.400
Depth (m)	214	12/20/1994-12/10/2003	1.252	0.300	2.660
pH	227	12/20/1994-12/10/2003	7.434	0.900	15.760
Phosphate (PO4-mg/l)	4	01/08/2002-01/14/2003	0.035	0.023	0.049
Phosphorus (ug/l)	225	12/20/1994-12/10/2003	690.601	21.000	4,930.000
Phosphorus-Dis (ug/l)	217	12/20/1994-12/10/2003	590.839	-2.000	4,700.000
Temperature (deg C)	228	12/20/1994-12/10/2003	22.872	8.900	65.200
Total Nitrogen (mg/l)	434	12/20/1994-12/10/2003	2.773	1.150	16.200
Exterior-DS Station(s)					
Calcium (mg/l)	135	07/05/1995-12/03/2003	36.970	21.570	56.870
Depth (m)	533	04/26/1995-12/10/2003	1.464	0.060	13.500
pH	671	04/17/1967-12/10/2003	7.443	4.500	42.980
Phosphate (PO4-mg/l)	52	04/17/1967-12/03/2003	0.050	0.004	0.272
Phosphorus (ug/l)	675	03/18/1973-12/10/2003	217.078	0.000	4,420.000
Phosphorus-Dis (ug/l)	459	04/26/1995-12/10/2003	167.718	-2.000	2,750.000
Temperature (deg C)	689	04/17/1967-12/10/2003	23.278	7.250	139.220
Total Nitrogen (mg/l)	1103	04/17/1967-12/10/2003	2.501	0.000	42.300

4.6 FP&L MARTIN COUNTY RESERVOIR

The FP&L Martin County Reservoir is a private water supply reservoir located east of Lake Okeechobee and north of the St. Lucie Canal. This reservoir is owned by Florida Power & Light (FP&L) and serves as a cooling lake and water supply for FP&L's Martin generating plant. The first generating unit at this station became operational in 1980 so the reservoir was likely completed about this same time. As a completely man-made reservoir, this site may be quite similar to the proposed EAA storage reservoir. This reservoir has a surface area of approximately 5,800 acres.

The downside to this site is that the data obtained to date is for the canals that surround the reservoir itself. No specific operating and water quality data for the reservoir have yet been obtained. The known monitoring stations are shown on Figure 4-6 and the data available for these stations is summarized in Table 4-7. Because of the potential value of this data site to the project, the project team is actively pursuing additional sources of data for this location but it is currently rated Poor because of lack of data.

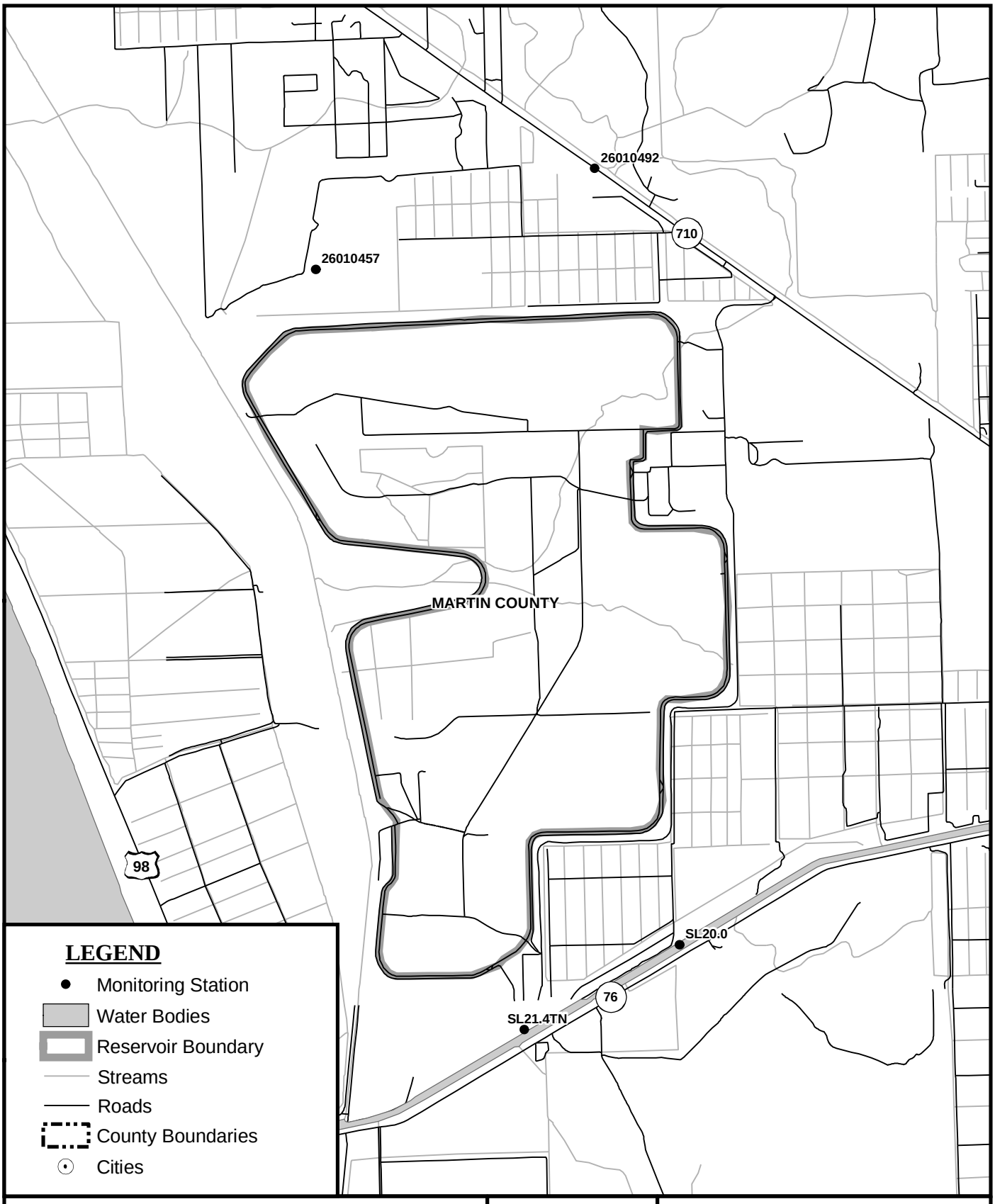

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Figure 4-6
FP&L MARTIN CO
RESERVOIR
MONITORING STATIONS

Table 4-7: FP&L Martin County Reservoir Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Unknown Station(s)					
pH	51	06/20/1988-03/19/1990	7.255	5.900	8.400
Phosphorus (ug/l)	39	06/20/1988-03/19/1990	129.692	53.000	406.000
Temperature (deg C)	51	06/20/1988-03/19/1990	26.759	16.500	31.600
Total Nitrogen (mg/l)	78	06/20/1988-03/19/1990	1.262	0.700	2.400

4.7 KENANSVILLE LAKE

Kenansville Lake is located in Indian River County within the Blue Cypress Conservation Area. This conservation area, which is managed by SJRWMD, also contains the Blue Cypress WMA, mentioned previously in Section 4.1, and other candidate data sites. Kenansville Lake has a surface area of approximately 2,100 acres.

The available monitoring stations within and near this lake were shown previously on Figure 4-1. The data available for this sampling station are summarized in Table 4-8. Unfortunately, there are no records of inflow or outflow volumes from this lake. Phosphorus concentration data is also sparse for this lake, with less than one year of monthly data for inflows and only one year of monthly data for outflow. For the lake itself, there is relatively more data available, with approximately seven years of monthly data on interior phosphorus concentrations and water levels. The monitoring data available for this lake is insufficient to make it a viable candidate as a calibration data set so it is rated Poor.

Climatic data such as precipitation and pan evaporation data have also been collected for Kenansville Lake.

Table 4-8: Kenansville Lake Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Calcium (mg/l)	10	09/23/1993-07/13/1994	45.930	17.000	64.000
pH	8	12/15/1993-07/13/1994	6.705	6.000	7.390
Phosphorus (ug/l)	11	09/23/1993-07/13/1994	2,707.455	1,380.000	7,420.000
Temperature (deg C)	9	11/22/1993-07/13/1994	23.374	15.480	31.370
Total Nitrogen (mg/l)	11	09/23/1993-07/13/1994	4.120	3.370	7.860
Outflow Station(s)					
Calcium (mg/l)	15	11/12/1996-06/01/1998	48.583	11.410	88.000
pH	15	11/12/1996-06/01/1998	7.380	6.490	8.630
Phosphorus (ug/l)	15	11/12/1996-06/01/1998	201.000	57.000	450.000
Temperature (deg C)	15	11/12/1996-06/01/1998	23.983	17.510	30.190
Total Nitrogen (mg/l)	15	11/12/1996-06/01/1998	1.384	0.640	2.840
Interior Station(s)					
Calcium (mg/l)	108	05/17/1994-07/10/2003	38.617	13.600	75.700
Depth (m)	86	08/16/1994-07/10/2003	1.681	0.420	3.700
pH	108	05/17/1994-07/10/2003	7.577	6.300	9.990
Phosphate (PO4-mg/l)	100	05/17/1994-07/10/2003	0.915	0.018	5.840
Phosphorus (ug/l)	90	08/16/1994-07/10/2003	548.467	112.000	1,720.000
Phosphorus-Dis (ug/l)	27	08/16/1994-10/09/1996	950.926	409.000	1,610.000
Temperature (deg C)	108	05/17/1994-07/10/2003	24.717	6.130	33.500
Total Nitrogen (mg/l)	117	08/16/1994-07/10/2003	2.903	1.650	6.020

4.8 KEYSTONE LAKE AND LAKE CALM

Keystone Lake and Lake Calm are located adjacent to one another in Hillsborough County, approximately 14 miles northwest of downtown Tampa. These lakes are situated in an urban setting with residences built around their shorelines. Keystone Lake has a surface area of approximately 426 acres and Lake Calm a surface area of about 114 acres.

A map showing the locations of Keystone Lake and Lake Calm is included as Figure 4-7. The data available for these two lakes are summarized in Tables 4-9 and 4-10 for selected monitoring parameters. Review of these two tables shows there are no inflow or outflow volume data, or inflow phosphorus concentration data for either lake. Keystone Lake does have a significant amount of monthly outflow phosphorus concentration data. These data span approximately 13 years but there are many missing months within this period. Both lakes also have daily data on lake levels, with about 6 years worth at Keystone Lake and 18 years at Lake Calm. Neither of these lakes appear to have sufficient data to support their continued consideration in the WQIR study, and both are rated Poor for this purpose.

In addition to the water quality data described above, there is a fair amount of other information available for these two lakes. For Keystone Lake, the project team has collected morphometry data, geometry data, as-built drawings, and biological data. Morphometry and geometry data are also available for Lake Calm.

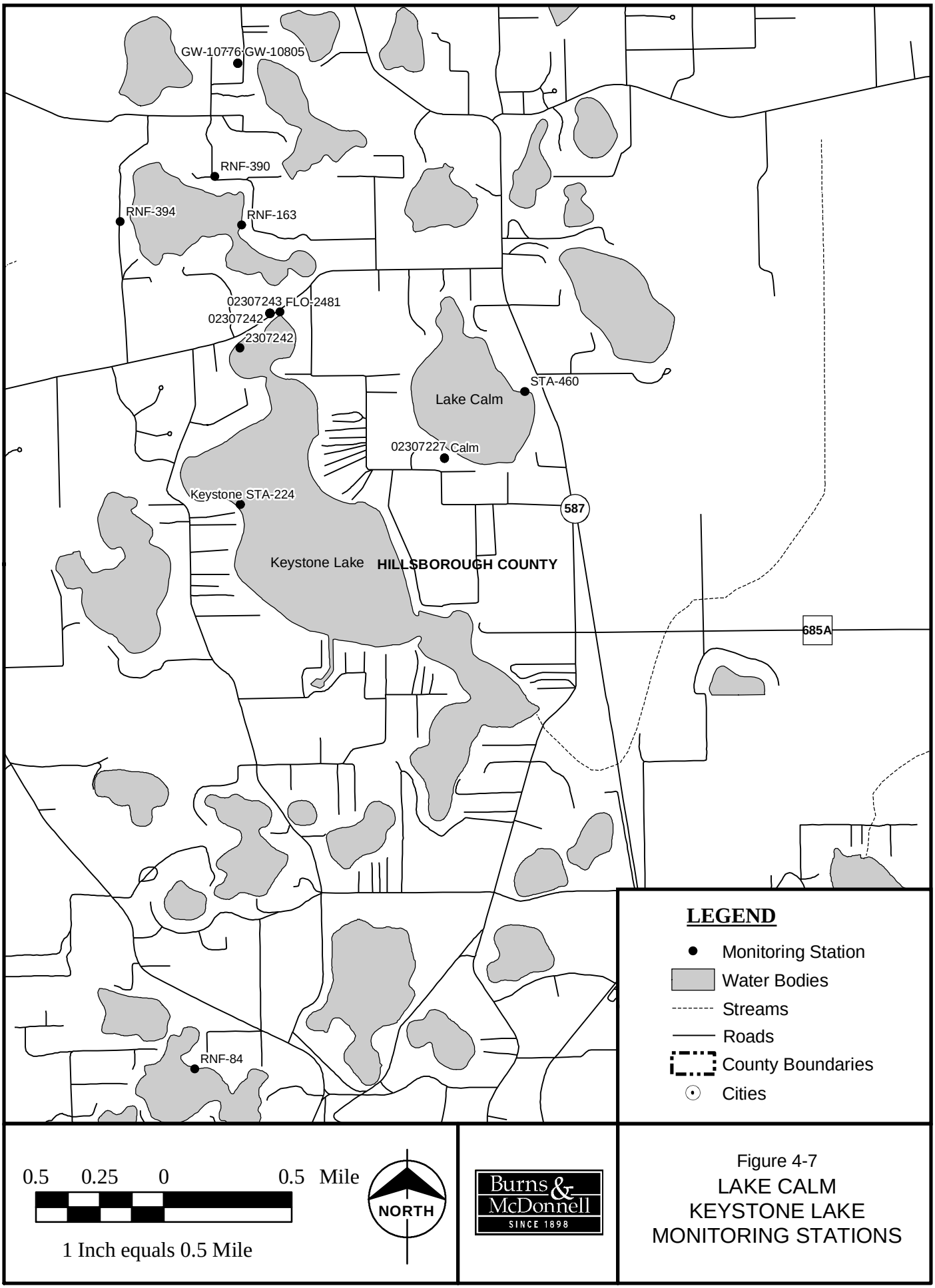


Figure 4-7
LAKE CALM
KEYSTONE LAKE
MONITORING STATIONS

Table 4-9: Keystone Lake Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Outflow Station(s)					
Elevation (feet)	18060	04/03/1946-11/18/2003	40.401	0.000	43.550
Gage Height (feet)	888	10/01/1971-03/06/1974	34.545	9.990	41.160
Phosphorus (ug/l)	116	08/31/1990-06/19/2003	10.405	5.333	25.667
Stage (feet)	2887	10/22/1984-03/02/2004	40.422	37.840	43.260
Total Nitrogen (mg/l)	114	08/31/1990-06/19/2003	537.061	333.333	840.000
Unknown Station(s)					
Calcium (mg/l)	2	05/24/1965-12/11/1985	4.700	4.400	5.000
pH	2	05/24/1965-03/29/1972	5.500	5.300	5.700
Phosphorus (ug/l)	6	03/29/1972-01/29/1998	14.333	7.000	30.000
Stage (feet)	41	10/31/1974-06/02/1982	40.548	38.400	41.650
Temperature (deg C)	42	10/31/1974-12/11/1985	24.429	13.500	32.000
Total Nitrogen (mg/l)	5	12/11/1985-01/29/1998	614.154	0.770	1,350.000
Exterior-US Station(s)					
Elevation (feet)	352	11/16/1988-11/18/2003	37.548	31.700	43.340

Table 4-10: Lake Calm Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Outflow Station(s)					
Elevation (feet)	3985	01/28/1965-12/08/2003	47.319	41.880	50.600
Stage (feet)	639	06/08/1982-01/26/2004	47.424	41.880	50.450
Interior Station(s)					
Calcium (mg/l)	6	06/03/1965-05/05/1970	14.667	13.000	17.000
Flow (cfs)	1	05/15/1969-05/15/1969	0.000	0.000	0.000
pH	6	06/03/1965-03/29/1972	5.717	5.500	5.800
Phosphate (PO4-mg/l)	2	05/21/1968-05/05/1970	0.020	0.000	0.040
Phosphorus (ug/l)	1	03/29/1972-03/29/1972	30.000	30.000	30.000
Stage (feet)	33	05/21/1968-07/26/1978	47.288	43.890	49.900
Temperature (deg C)	37	05/16/1967-01/27/2000	25.262	12.500	34.000

4.9 LAKE CARROLL AND LAKE MAGDALENE

Lakes Carroll and Magdalene are located in Hillsborough County in north Tampa. As such, both of these lakes are located in a very urbanized setting. Both lakes are estimated to have surface areas of approximately 208 acres. With an urban setting and relatively static water levels, neither of these lakes are considered to be very similar to the proposed EAA storage reservoir.

The monitoring stations at these two lakes are shown in Figure 4-8. The data available for these stations for selected monitoring parameters are summarized in Tables 4-11 and 4-12 for Lake Carroll and Lake Magdalene, respectively. Review of Table 4-11 shows there are no volumetric or phosphorus concentration data available for either the inflow or outflow at Lake Carroll. There are however about 10 years worth of semimonthly phosphorus data for the interior of Lake Carroll and approximately 40 years of water level data.

Lake Magdalene has approximately 12 years of daily outflow volume data but only semiannual phosphorus concentration data for this lake discharge. There are no data on inflow volumes or phosphorus concentrations for this lake. For the interior of the lake, there are about 12 years of monthly phosphorus concentration data and 13 years of daily stage data.

Although relatively more data are available for Lake Magdalene, neither are considered very attractive as calibration data sites. Both lakes are rated Poor for this purpose.

In addition to the water quality data described above, there is a fair amount of other information available for these two lakes. For both Lakes Carroll and Magdalene, the project team has collected morphometry data, geometry data, as-built drawings, design data and biological data.

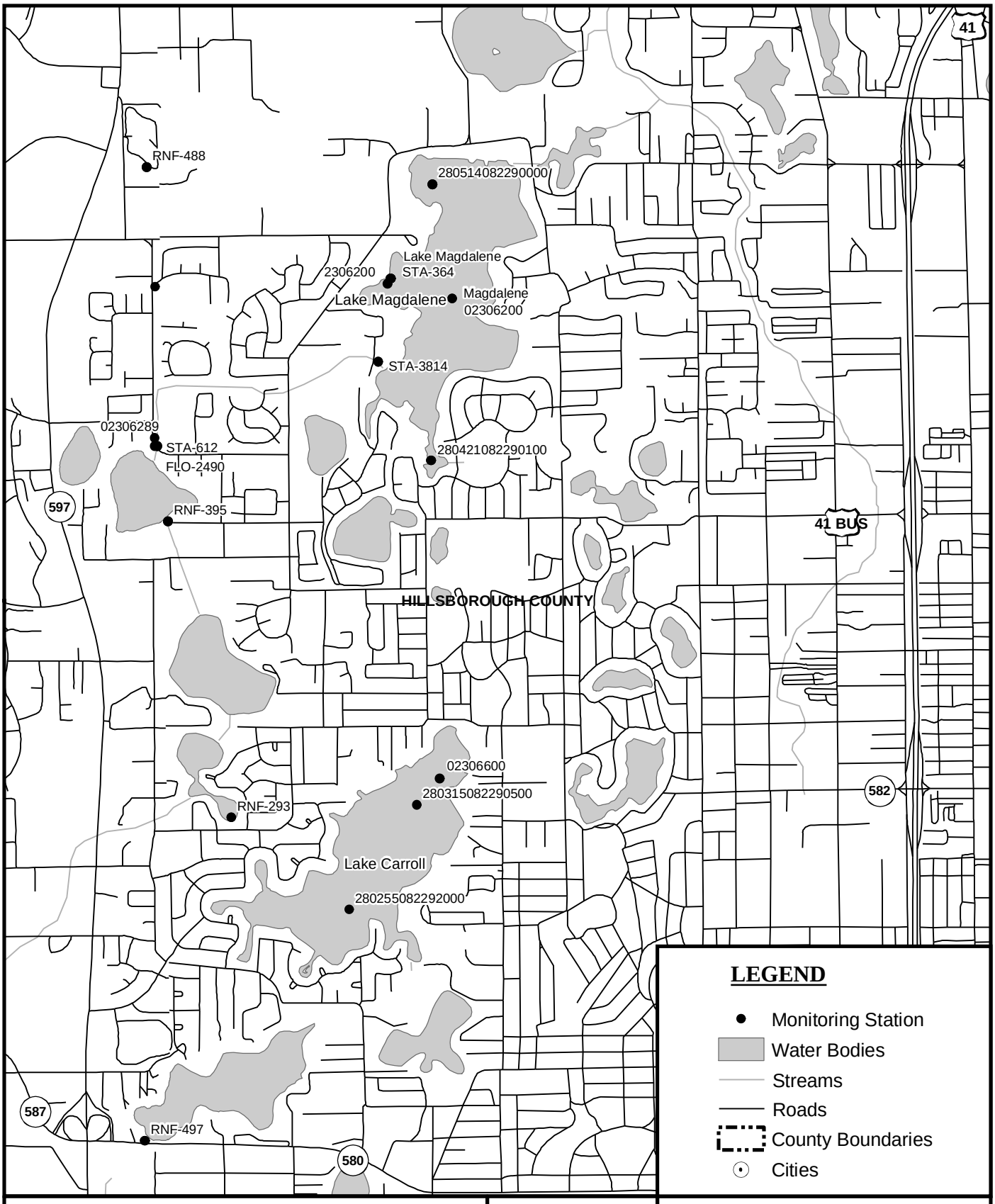


Figure 4-8

LAKE CARROLL
LAKE MAGDALENE
MONITORING STATIONS

Table 4-11: Lake Carroll Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Outflow Station(s)					
Elevation (feet)	2295	07/19/1997-11/18/2003	34.637	0.000	38.060
Phosphorus (ug/l)	2	01/22/1981-04/30/1981	17.500	10.000	25.000
Stage (feet)	2370	07/19/1997-01/30/2004	35.063	30.870	38.060
Interior Station(s)					
Elevation (feet)	14679	05/09/1946-09/24/2003	35.333	30.870	39.700
Unknown Station(s)					
Elevation (feet)	2575	01/01/1985-10/29/2001	34.704	31.200	37.880
Phosphorus (ug/l)	225	06/07/1965-06/18/2003	17.561	6.000	80.000
Stage (feet)	2576	01/01/1985-12/16/2003	34.704	31.200	37.880
Total Nitrogen (mg/l)	227	06/07/1965-06/18/2003	451.162	305.000	740.000

Table 4-12: Lake Magdalene Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Outflow Station(s)					
Calcium (mg/l)	25	06/07/1965-12/09/1985	14.840	5.300	35.000
Elevation (feet)	4315	07/19/1997-11/18/2003	47.143	0.000	50.070
Flow (cfs)	4661	10/01/1970-09/30/1991	1.253	0.000	103.000
Gage Height (feet)	6024	10/01/1973-04/28/1991	3.958	3.300	6.020
pH	36	06/07/1965-05/30/1984	6.569	4.500	8.000
Phosphate (PO4-mg/l)	3	05/21/1968-10/08/1970	0.057	0.030	0.070
Phosphorus (ug/l)	30	05/21/1968-12/09/1985	27.133	10.000	70.000
Stage (feet)	2038	05/21/1968-01/30/2004	46.316	12.020	50.070
Temperature (deg C)	91	05/16/1967-12/09/1985	25.009	11.500	32.500
Total Nitrogen (mg/l)	37	11/07/1974-12/09/1985	344.722	0.510	1,100.000
Interior Station(s)					
Elevation (feet)	6431	05/02/1946-11/18/2003	47.877	0.000	51.000
Phosphorus (ug/l)	157	08/09/1971-06/26/2003	13.038	5.000	70.000
Stage (feet)	1638	06/03/1982-12/16/2003	47.945	40.250	50.380
Total Nitrogen (mg/l)	152	09/24/1989-06/26/2003	670.154	483.333	1,320.000

4.10 LAKE DISSTON

Lake Disston is located in the southwest corner of Flagler County and is managed by SJRWMD. Lake Disston has a surface area of approximately 1,890 acres.

The monitoring stations located within and near Lake Disston are shown on Figure 4-9. The data available at these stations are summarized in Table 4-13 for selected monitoring parameters. Review of this table shows there are no inflow volume or phosphorus concentration data available for Lake Disston. Outflow volumes from the lake have however been monitored by the USGS for about 51 years, with daily records available. Phosphorus concentrations in this lake discharge have been monitored semimonthly for about ten years and ten years of monthly phosphorus concentration data are available for the lake interior. Because of the lack of good inflow volume and phosphorus data, Lake Disston is rated Poor as a potential calibration data set.

The other types of information that have been collected for Lake Disston include

- Data on dominant species and species composition
- Climatic data such as precipitation and pan evaporation

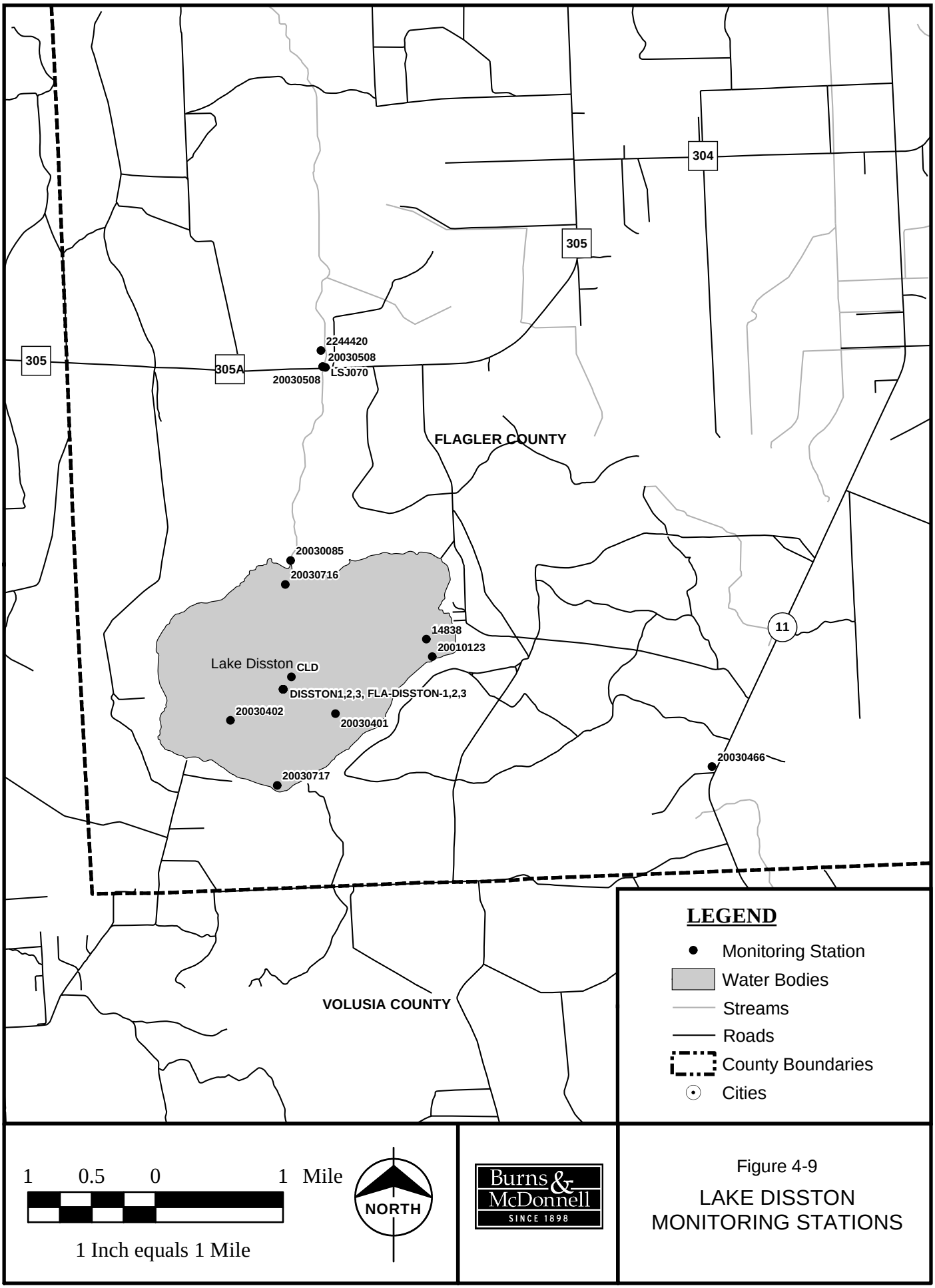


Figure 4-9

LAKE DISSTON
MONITORING STATIONS

Table 4-13: Lake Disston Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Depth (m)	12	11/17/1999-12/18/2002	2.750	1.200	8.700
pH	12	11/17/1999-12/18/2002	4.548	4.080	4.730
Phosphorus (ug/l)	1	11/17/1999-11/17/1999	0.000	0.000	0.000
Temperature (deg C)	12	11/17/1999-12/18/2002	20.400	12.300	25.800
Total Nitrogen (mg/l)	2	11/17/1999-11/17/1999	1.600	1.600	1.600
Outflow Station(s)					
Calcium (mg/l)	67	11/08/1955-01/15/2004	5.361	3.400	10.200
Depth (m)	84	05/04/1992-01/15/2004	1.388	0.100	6.000
Flow (cfs)	18901	01/01/1951-09/30/2002	80.934	0.000	1,810.000
Gage Height (feet)	17797	01/17/1951-09/01/2002	2.950	0.200	9.520
pH	95	11/08/1955-01/15/2004	5.213	4.400	6.890
Phosphate (PO4-mg/l)	56	04/30/1968-01/15/2004	0.021	-0.006	0.170
Phosphorus (ug/l)	64	12/12/1988-01/15/2004	42.882	12.000	145.000
Stage (feet)	14	04/30/1968-03/18/1999	7.116	0.450	58.700
Temperature (deg C)	123	11/08/1955-01/15/2004	21.205	8.800	31.500
Total Nitrogen (mg/l)	64	12/12/1988-01/15/2004	1.294	0.670	3.220
Interior Station(s)					
Calcium (mg/l)	91	07/12/1976-01/12/2004	4.976	3.000	10.000
Depth (m)	67	10/02/1985-01/12/2004	3.947	1.500	5.500
pH	119	07/12/1976-01/12/2004	5.448	4.210	9.600
Phosphate (PO4-mg/l)	95	10/10/1984-01/12/2004	0.016	-0.005	0.090
Phosphorus (ug/l)	721	07/12/1976-01/12/2004	28.051	1.000	186.000
Phosphorus-Dis (ug/l)	19	02/02/1987-06/14/1990	20.316	5.000	46.000
Stage (feet)	1	03/18/1999-03/18/1999	58.700	58.700	58.700
Temperature (deg C)	124	07/12/1976-01/12/2004	23.629	11.600	37.800
Total Nitrogen (mg/l)	369	07/12/1976-01/12/2004	1.064	0.600	3.700

4.11 LAKE GEORGE

Lake George is located at the northwest corner of Volusia County but also extends into Putnam County. It is one of a number of natural lakes on the St. Johns River. Lake George has a surface area of about 45,000 acres, making it the second largest lake in Florida.

Figure 4-10 shows the monitoring stations located within and near Lake George. The data available for these stations are summarized in Table 4-14 for selected monitoring parameters. As one of the larger lakes in Florida, it naturally has considerable monitoring data available, over 20 years worth at some stations. Daily inflow volume data and semimonthly inflow phosphorus concentrations are available for eight years at this lake. There are no records of lake discharge but outflow phosphorus concentrations have been monitored monthly for approximately ten years. There are also three years of monthly interior phosphorus concentration data available for Lake George. Based on the data available, this data site is considered to be one of the better candidates for continued consideration in Task 3 and is rated Good for this purpose.

The other types of information that have been collected for Lake George include

- Data on dominant species and species composition
- Climatic data such as precipitation, air temperature and pan evaporation

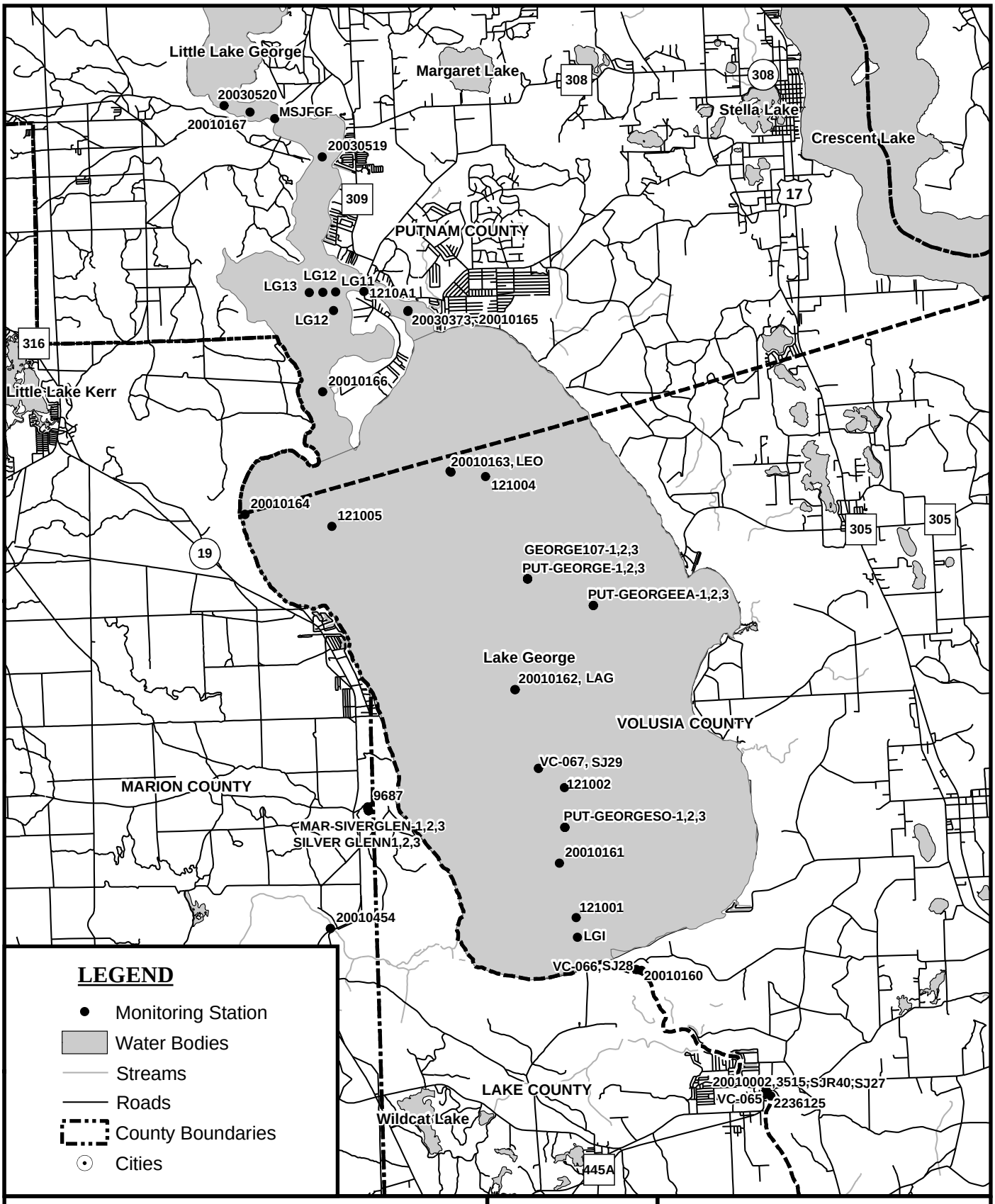


Figure 4-10

LAKE GEORGE
MONITORING STATIONS

Table 4-14: Lake George Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Calcium (mg/l)	172	09/26/1976-05/07/1997	51.632	1.700	154.000
Depth (m)	19	01/25/1999-09/03/2003	2.289	0.400	4.900
Flow (cfs)	2977	02/10/1994-09/30/2002	3,487.026	-6,180.000	11,700.000
Gage Height (feet)	3307	02/09/1994-09/30/2003	7.359	-0.120	8,040.000
pH	571	03/16/1971-09/03/2003	258.575	6.170	9,000.000
Phosphate (PO4-mg/l)	212	05/22/1939-05/07/1997	0.756	0.010	4.180
Phosphorus (ug/l)	705	05/22/1939-09/03/2003	55.751	0.000	660.000
Temperature (deg C)	631	05/22/1939-09/03/2003	23.550	2.600	33.000
Total Nitrogen (mg/l)	598	05/22/1939-09/03/2003	1.127	0.000	5.070
Outflow Station(s)					
Calcium (mg/l)	219	10/25/1973-12/16/2003	46.332	12.533	99.000
Depth (m)	219	10/20/1993-12/16/2003	3.287	1.400	7.000
pH	471	10/25/1973-12/16/2003	99.981	6.100	1,675.000
Phosphate (PO4-mg/l)	191	01/04/1983-12/16/2003	0.109	0.001	0.900
Phosphorus (ug/l)	414	03/18/1973-12/16/2003	77.358	0.000	550.000
Phosphorus-Dis (ug/l)	201	11/30/1993-11/24/2003	24.596	-4.000	148.000
Temperature (deg C)	444	10/25/1973-12/16/2003	23.360	10.000	33.000
Total Nitrogen (mg/l)	567	03/18/1973-12/16/2003	1.341	0.000	3.940
Interior Station(s)					
Calcium (mg/l)	238	05/17/1954-12/16/2003	46.775	12.000	126.000
Depth (m)	139	09/04/1990-12/16/2003	4.561	1.000	10.900
Flow (cfs)	27	11/09/1954-09/29/1972	1,215.667	142.000	6,900.000
pH	316	05/17/1954-12/16/2003	9.715	0.000	739.000
Phosphate (PO4-mg/l)	80	04/29/1968-12/16/2003	0.169	-0.009	4.100
Phosphorus (ug/l)	497	07/25/1969-12/16/2003	96.318	1.100	950.000
Phosphorus-Dis (ug/l)	4	12/07/1989-06/21/1990	20.500	5.000	46.000
Stage (feet)	178	05/07/1943-02/06/2003	3.361	0.000	13.200
Temperature (deg C)	316	05/17/1954-12/16/2003	24.108	6.000	87.000
Total Nitrogen (mg/l)	403	07/25/1969-12/16/2003	1.496	0.069	5.000

4.12 LAKE HARNEY

Lake Harney is a natural lake located on the St. Johns River on the border between Seminole and Volusia counties. This lake has a surface area of approximately 5,900 acres.

The monitoring stations located within and near Lake Harney are shown on Figure 4-11. The sampling data available at these stations are summarized in Table 4-15 for selected monitoring parameters. Review of this table shows that Lake Harney has 20 years of daily inflow volume data and 11 years of monthly inflow phosphorus concentration data available. Phosphorus concentration data for the lake discharge and interior are more limited with about two and five years, respectively, of monthly data available. Lake Harney also has daily water surface elevation data available that covers a period of record of about 60 years. Lake Harney is rated Good as a potential calibration data set.

The other types of information that have been collected for Lake Harney include

- Morphometry
- Geometry
- Data on dominant species and species composition
- Residence time data
- Climatic data such as precipitation and pan evaporation

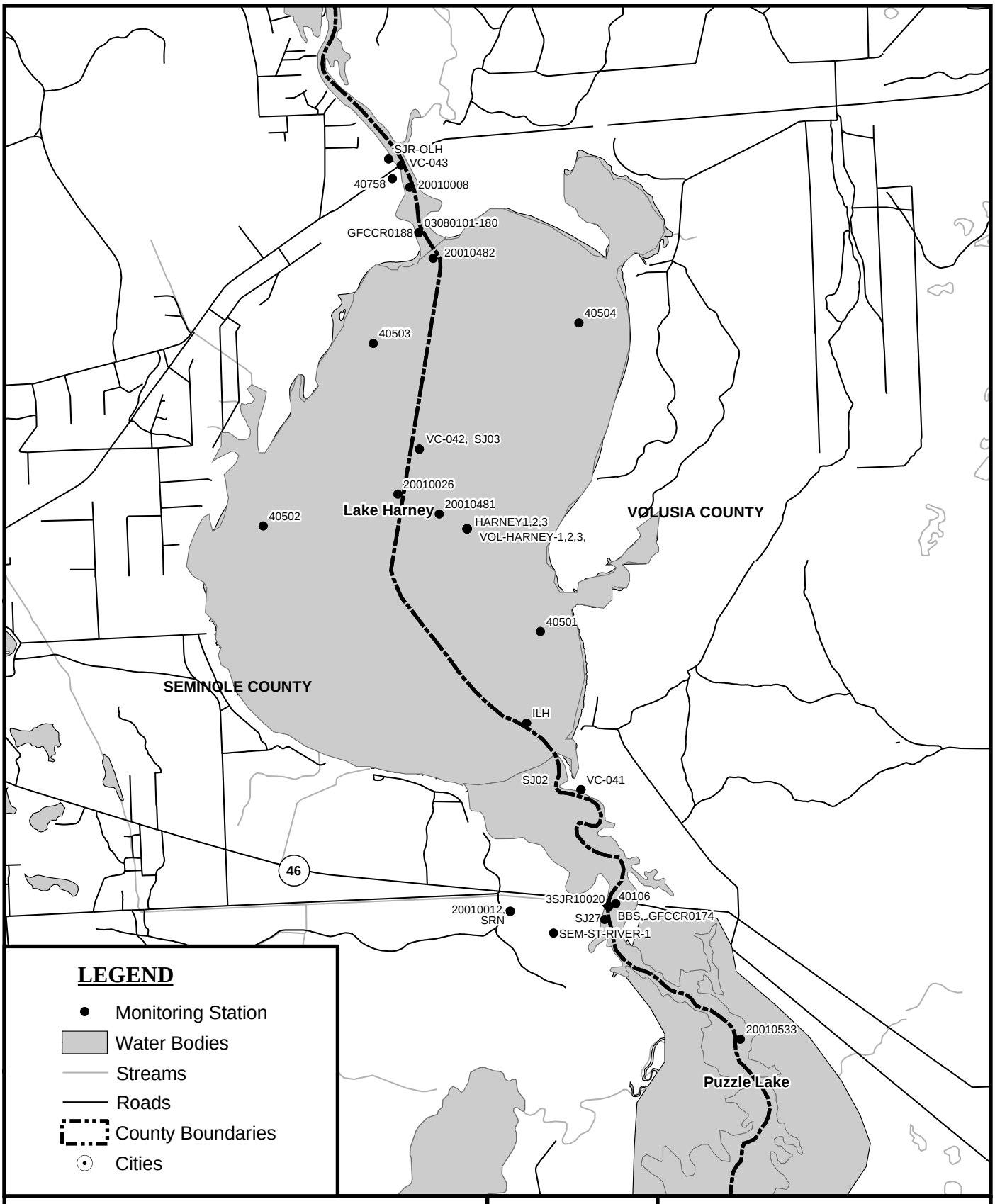


Figure 4-11

LAKE HARNEY
MONITORING STATIONS

Table 4-15: Lake Harney Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Calcium (mg/l)	244	10/09/1973-07/10/2003	50.606	8.400	231.100
Depth (m)	61	06/09/1982-09/04/2003	1.721	0.300	3.860
Flow (cfs)	7305	10/01/1981-09/30/2002	1,936.248	-77.000	9,880.000
Gage Height (feet)	22149	07/29/1941-09/30/2003	2.792	-0.380	10.600
pH	374	10/09/1973-09/04/2003	324.100	4.600	4,000.000
Phosphate (PO4-mg/l)	264	10/09/1973-07/10/2003	0.233	-0.003	3.140
Phosphorus (ug/l)	195	06/09/1982-09/04/2003	97.277	5.000	1,130.000
Phosphorus-Dis (ug/l)	55	06/09/1982-07/10/2003	55.165	0.057	132.000
Temperature (deg C)	289	10/09/1973-09/04/2003	23.847	11.510	31.180
Total Nitrogen (mg/l)	250	08/01/1984-09/04/2003	1.397	0.500	2.830
Outflow Station(s)					
Calcium (mg/l)	86	07/27/1981-07/10/2003	52.062	17.600	135.000
Depth (m)	33	08/26/1996-09/04/2003	3.123	1.200	5.700
pH	203	02/05/1968-09/04/2003	348.130	0.000	3,500.000
Phosphate (PO4-mg/l)	86	07/27/1981-07/10/2003	0.323	0.004	1.470
Phosphorus (ug/l)	52	02/19/1996-09/04/2003	95.788	39.000	320.000
Phosphorus-Dis (ug/l)	9	11/06/2002-07/10/2003	37.444	17.000	57.000
Temperature (deg C)	145	02/05/1968-09/04/2003	24.176	13.290	32.000
Total Nitrogen (mg/l)	98	01/27/1999-09/04/2003	1.549	0.690	2.800
Interior Station(s)					
Calcium (mg/l)	3	10/23/1979-04/28/1981	56.400	15.600	94.600
Depth (m)	7	01/27/1999-09/04/2003	2.700	2.100	4.000
pH	226	02/05/1968-09/04/2003	7.338	4.600	9.400
Phosphorus (ug/l)	694	10/29/1975-09/04/2003	86.220	0.000	8,000.000
Temperature (deg C)	257	02/05/1968-09/04/2003	23.710	12.000	31.500
Total Nitrogen (mg/l)	341	10/19/1978-09/04/2003	1.434	0.376	4.000

4.13 LAKE HOWARD

Lake Howard is located in Polk County near Winter Haven. This lake, which is located within the SWFWMD, is situated in an urbanized setting and has a surface area of approximately 630 acres.

Figure 4-12 shows the monitoring stations that are located within and near Lake Howard. The data available at these stations are summarized in Table 4-16 for selected monitoring parameters. Review of this table shows there are no inflow or outflow volume data available for Lake Howard. Also, there is very little phosphorus concentration data available, either for inflow, outflow or the lake interior. The only type of required data with a good monitoring record is lake stages, with approximately 46 years of daily data available. Lake Howard is rated Poor as a potential calibration data set.

In addition to the water quality data described above, the project team has been able to collect vegetation data for this lake.

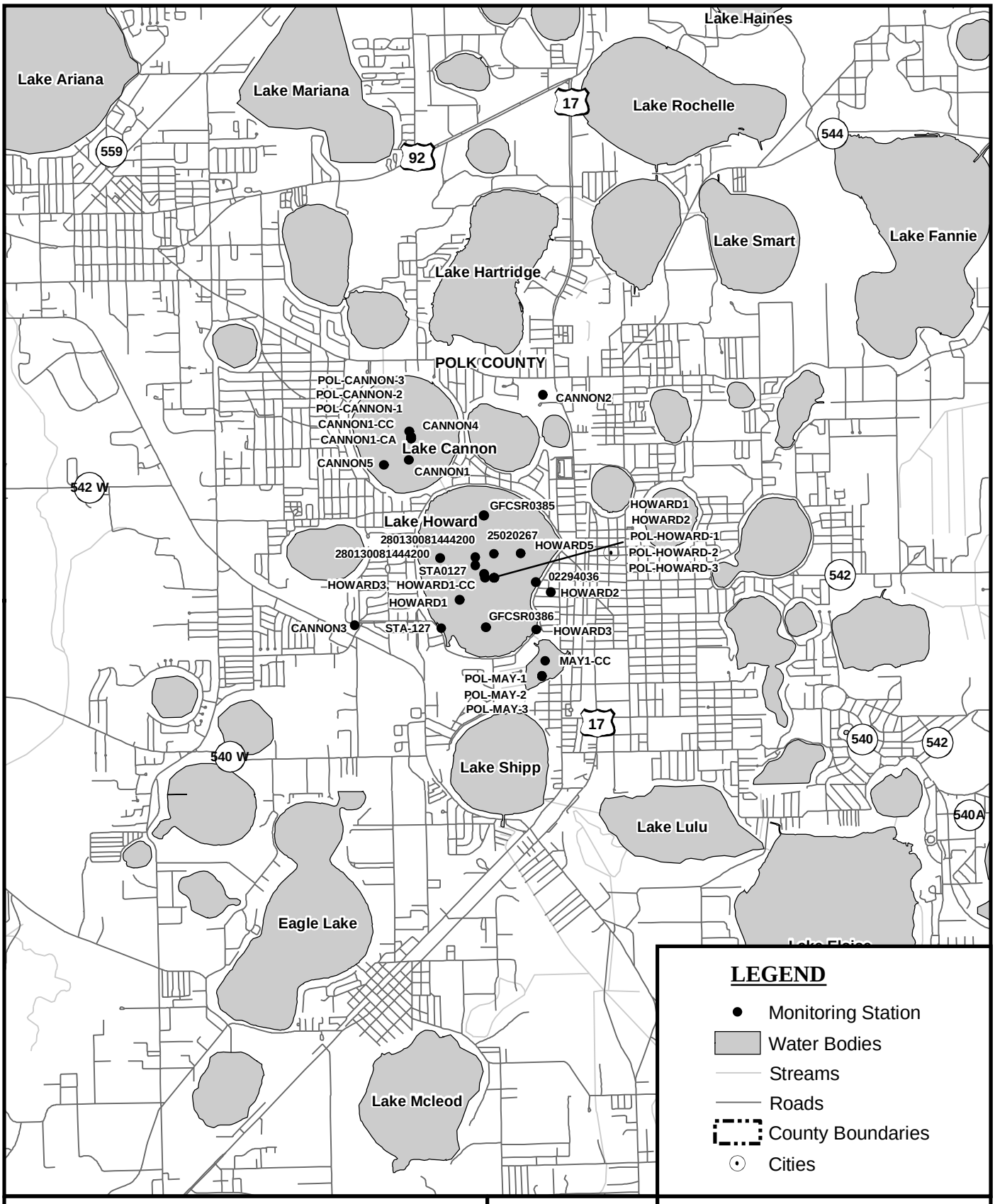


Figure 4-12

LAKE HOWARD
MONITORING STATIONS

Table 4-16: Lake Howard Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Outflow Station(s)					
Calcium (mg/l)	10	04/15/1966-08/09/1994	18.600	13.000	26.000
Elevation (feet)	16840	02/13/1946-09/23/2003	130.892	127.670	133.100
Flow (cfs)	1	05/13/1968-05/13/1968	0.000	0.000	0.000
pH	9	04/15/1966-08/09/1994	7.078	6.700	8.100
Phosphate (PO4-mg/l)	2	05/13/1968-05/11/1970	0.085	0.060	0.110
Phosphorus (ug/l)	5	06/18/1992-08/09/1994	38.000	30.000	50.000
Stage (feet)	50	05/13/1968-07/30/1980	10.380	8.400	12.560
Temperature (deg C)	57	05/01/1967-08/09/1994	24.807	12.000	33.500
Total Nitrogen (mg/l)	5	06/18/1992-08/09/1994	1.560	1.300	1.700
Interior Station(s)					
Elevation (feet)	841	05/08/1987-11/22/2003	130.728	127.690	132.450
Unknown Station(s)					
Calcium (mg/l)	3	03/15/1976-07/12/1976	19.667	19.000	20.000
pH	4	03/15/1976-06/14/1977	8.975	8.300	9.500
Phosphorus (ug/l)	4	03/15/1976-06/14/1977	70.000	40.000	100.000
Temperature (deg C)	5	03/15/1976-06/14/1977	25.740	21.500	29.000

4.14 LAKE ISTOKPOGA

Lake Istokpoga is located in central Highlands County near Lake Placid, Florida. In the past, this lake was considered to be one of the most polluted in Florida due to excessive inflows of phosphorus and other nutrients. Various programs have been implemented over the last 15 years to improve the water quality of this lake and those downstream in the Ocklawaha River system. Lake Istokpoga has a surface area of nearly 24,000 acres.

Figure 4-13 shows the monitoring stations located near Lake Istokpoga. The data available at these stations are summarized in Table 4-17 for selected monitoring parameters. Review of this table shows there are daily inflow and outflow volume records available for this lake covering approximately 53 years for inflow and 30 years for outflow. Only a few sample results for phosphorus inflow concentrations have been found for Lake Istokpoga but there are about four years worth of monthly phosphorus data available for outflows. For interior phosphorus concentrations, there are two years of biweekly data plus 13 years of less frequent (approximately every other month) data for at this lake. It has also been reported that other researchers have already completed a phosphorus balance for Lake Istokpoga so, based on this fact and the other data available, this lake is rated Good as a potential calibration data set.

The other types of information that have been collected for Lake Istokpoga include

- Morphometry
- Geometry
- Data on dominant species, species composition, plant zonation and plant biomass
- Maintenance cost data
- Climatic data such as precipitation and pan evaporation

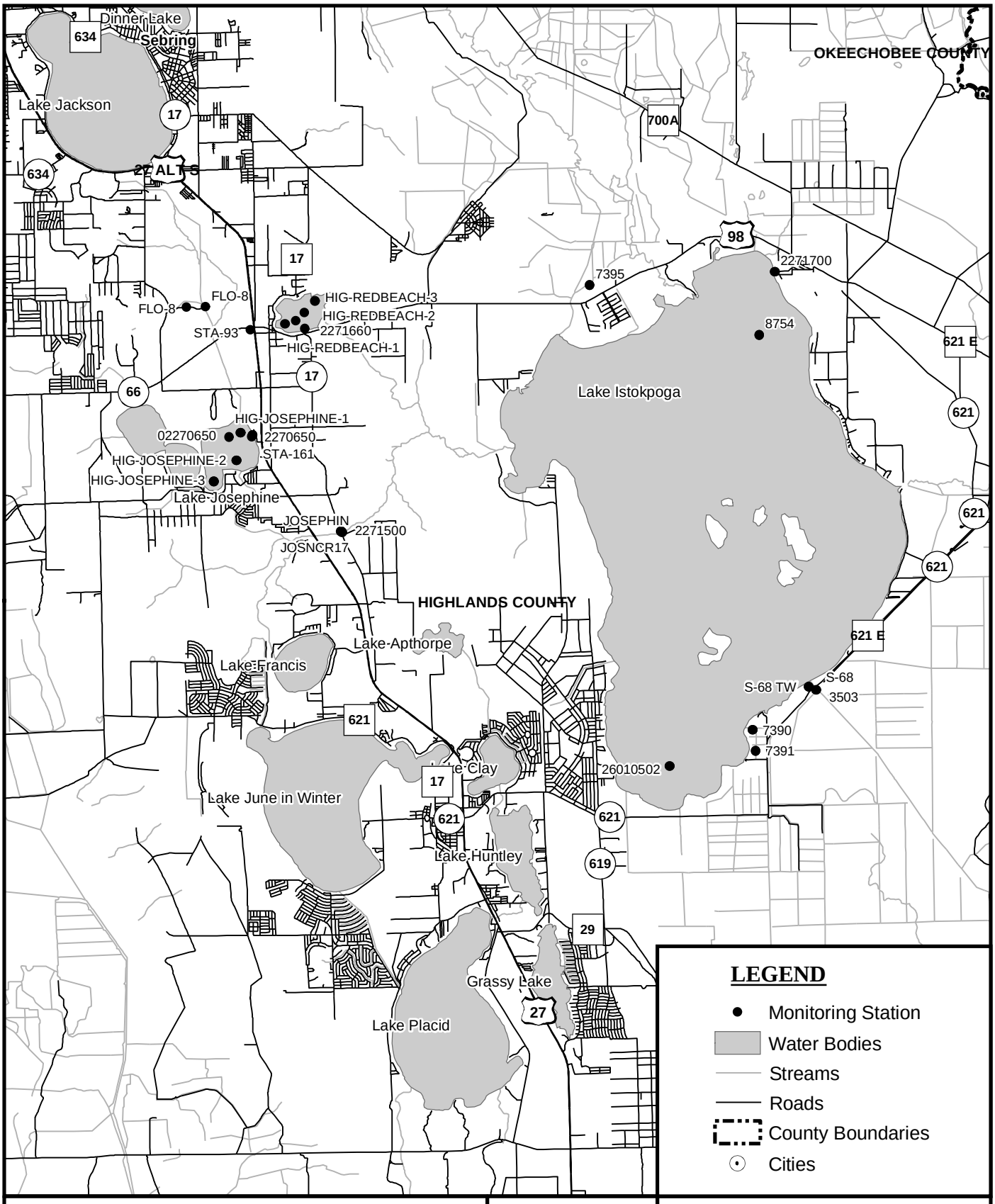


Figure 4-13
LAKE ISTOKPOGA
LAKE JOSEPHINE
RED BEACH LAKE
MONITORING STATIONS

Table 4-17: Lake Istokpoga Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Calcium (mg/l)	6	08/06/1965-10/20/1975	6.333	4.000	8.800
Flow (cfs)	42827	07/01/1939-09/30/2003	203.480	0.000	7,180.000
pH	9	08/06/1965-12/15/1975	6.633	6.400	7.000
Phosphorus (ug/l)	2	05/24/2000-10/12/2000	45.500	27.000	64.000
Stage (feet)	1	04/13/1976-04/13/1976	38.020	38.020	38.020
Temperature (deg C)	38	10/03/1973-09/01/1982	24.782	10.000	37.000
Outflow Station(s)					
Elevation (feet)	25803	08/02/1936-05/14/1999	37.074	28.620	42.900
Flow (cfs)	11124	01/02/1972-01/29/2003	284.431	0.000	4,166.800
Phosphorus (ug/l)	56	02/11/1999-05/07/2003	99.571	21.000	1,200.000
Interior Station(s)					
Phosphate (PO4-mg/l)	189	02/10/1988-09/22/2003	0.063	0.010	0.480
Exterior-DS Station(s)					
Elevation (feet)	57637	01/02/1976-02/02/2004	4.825	0.000	28.350
Flow (cfs)	28924	01/02/1976-02/02/2004	53.748	0.000	3,559.800

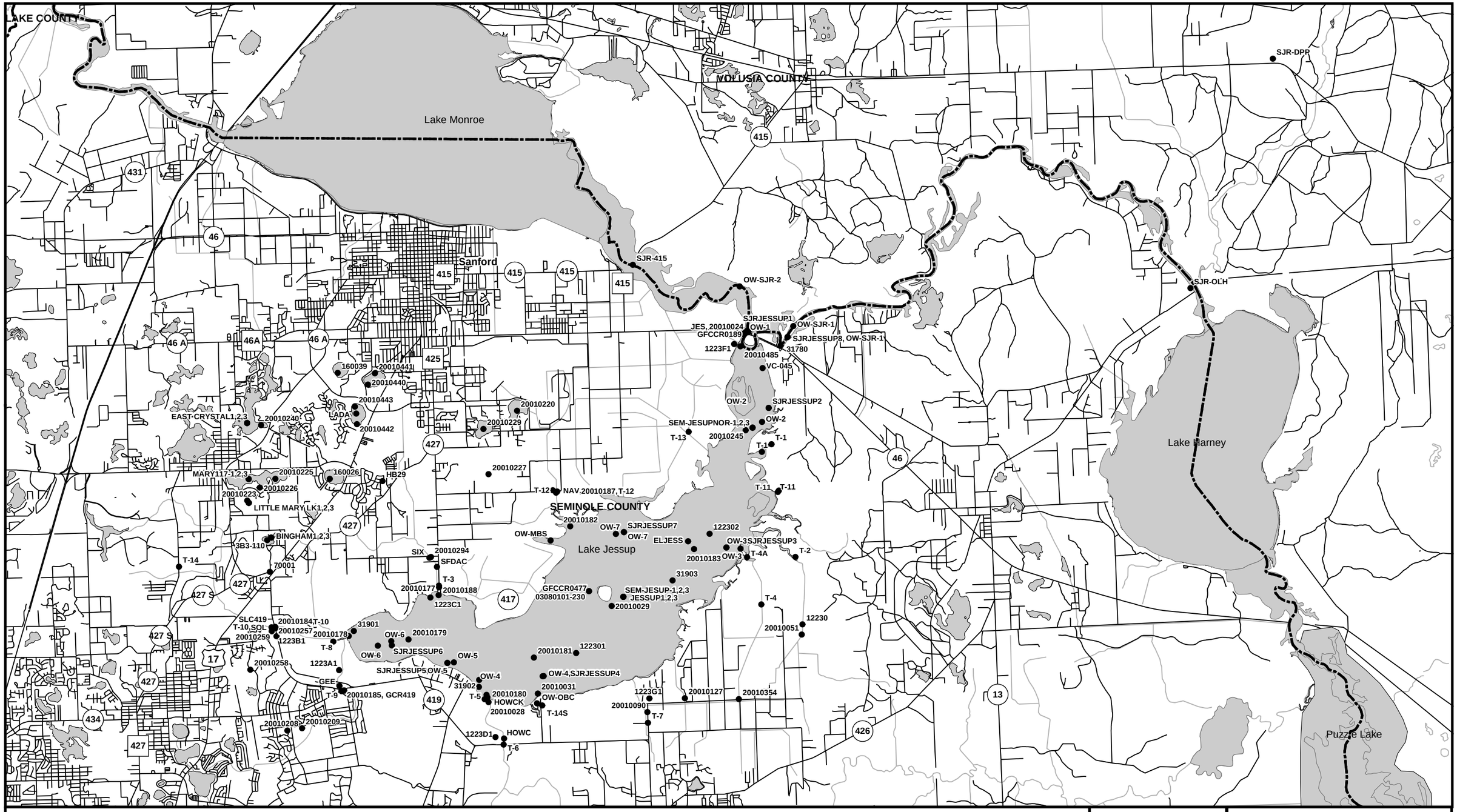
4.15 LAKE JESSUP

Lake Jessup is located in Seminole County and is one of the lakes in the St. Johns River system. This lake has a surface area of approximately 8,000 acres.

There are a large number of monitoring stations in and near Lake Jessup. These stations are located on Figure 4-14. The data available at these stations are summarized in Table 4-18 for selected monitoring parameters. Review of this table shows that Lake Jessup has been subjected to many studies and monitored with varying levels of intensity over the years. There are approximately 20 years of daily inflow volume data and over 8 years of daily outflow volume data available for this lake. Monthly phosphorus concentration data are available for the inflow, outflow and interior of this lake with periods of record of six, seven and eight years, respectively. Lake depth or stage has also been monitored monthly for seven years. Based on the data available, this lake is considered to be a good candidate as a calibration data set and is rated Good for this purpose.

The other types of information that have been collected for Lake Jessup include

- Morphometry
- Geometry
- Seepage data
- Data on dominant species and species composition
- Data on residence time and flooded soil characteristics
- Climatic data such as precipitation and pan evaporation



1.5 0.75 0 1.5 Miles

1 Inch equals 1.5 Miles

NORTH

LEGEND

- Monitoring Station
- Cities
- Streams
- Roads
- Water Bodies
- County Boundaries

Burns & McDonnell SINCE 1898

Figure 4-14

LAKE JESSUP
MONITORING STATIONS

Table 4-18: Lake Jessup Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Calcium (mg/l)	1011	05/02/1972-07/09/2003	44.188	1.260	197.300
Depth (m)	878	02/13/1995-07/09/2003	0.749	0.080	3.280
Flow (cfs)	18176	01/24/1972-09/30/2002	16.529	0.110	629.000
Gage Height (feet)	18336	02/01/1972-09/30/2003	7.463	4.420	14.760
pH	1233	02/06/1968-07/09/2003	50.455	5.360	2,400.000
Phosphate (PO4-mg/l)	785	07/27/1981-07/09/2003	0.189	0.000	2.690
Phosphorus (ug/l)	1148	05/02/1972-07/09/2003	214.322	0.000	3,880.000
Phosphorus-Dis (ug/l)	897	02/13/1995-07/09/2003	147.937	0.000	3,340.000
Stage (feet)	26	05/02/1972-06/14/1984	7.955	5.890	10.380
Temperature (deg C)	1247	02/06/1968-07/09/2003	21.656	9.020	34.040
Total Nitrogen (mg/l)	2092	08/17/1972-07/09/2003	1.258	0.060	18.870
Outflow Station(s)					
Calcium (mg/l)	257	08/27/1990-07/16/2003	49.089	0.040	190.000
Depth (m)	245	02/15/1995-09/04/2003	2.725	0.800	6.280
Flow (cfs)	3211	01/16/1993-09/30/2002	159.164	-2,940.000	1,890.000
Gage Height (feet)	3782	01/16/1993-09/30/2003	4.309	-275.000	426.000
pH	420	02/05/1968-09/04/2003	50.457	6.240	7,500.000
Phosphate (PO4-mg/l)	249	08/27/1990-07/16/2003	0.090	0.001	1.200
Phosphorus (ug/l)	318	03/18/1973-09/04/2003	116.755	1.000	720.000
Phosphorus-Dis (ug/l)	239	02/15/1995-07/16/2003	45.105	2.000	431.000
Temperature (deg C)	427	02/05/1968-09/04/2003	72.824	8.000	21,000.000
Total Nitrogen (mg/l)	591	03/18/1973-09/04/2003	1.860	0.004	46.500
Interior Station(s)					
Calcium (mg/l)	533	11/06/1973-07/09/2003	56.043	0.082	7,100.000
Depth (m)	487	02/15/1995-07/09/2003	1.828	0.360	4.900
pH	661	02/06/1968-07/09/2003	8.951	6.710	80.400
Phosphate (PO4-mg/l)	410	03/14/1996-07/09/2003	0.034	0.000	0.118
Phosphorus (ug/l)	984	03/14/1973-07/09/2003	198.546	0.000	900.000
Phosphorus-Dis (ug/l)	488	02/15/1995-07/09/2003	32.457	-6.000	460.000
Temperature (deg C)	686	02/06/1968-07/09/2003	23.525	8.050	34.140
Total Nitrogen (mg/l)	1194	03/14/1973-07/09/2003	2.146	-0.080	8.050

4.16 LAKE JOSEPHINE

Lake Josephine is located in Highlands County west of Lake Istokpoga. This lake, which is within the SFWMD, has a surface area of approximately 1,070 acres.

The monitoring stations in the vicinity of Lake Josephine were shown previously on Figure 4-13. The available data at these monitoring stations are summarized in Table 4-19 for selected monitoring parameters. Review of this table shows there is a long record of daily outflow volume data, about 53 years, at this lake but no similar data for lake inflow. Phosphorus concentrations in lake inflow, outflow and its interior have all been monitored monthly for six years. Because there are no inflow volume data available at this lake, it is rated only Fair as a potential calibration data set.

The other types of information that have been collected for Lake Josephine include

- Morphometry
- Data on dominant species, species composition, plant zonation and plant biomass
- Maintenance cost data
- Climatic data such as precipitation and pan evaporation

Table 4-19: Lake Josephine Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Phosphorus (ug/l)	75	05/09/1995-12/12/2002	48.080	23.000	134.000
Outflow Station(s)					
Calcium (mg/l)	5	04/12/1966-05/12/1970	4.260	2.500	5.800
Flow (cfs)	19360	10/01/1946-09/30/2002	72.292	0.000	1,680.000
pH	5	04/12/1966-05/12/1970	5.620	5.500	5.700
Phosphate (PO4-mg/l)	3	04/19/1968-05/12/1970	0.197	0.070	0.340
Phosphorus (ug/l)	75	05/09/1995-12/12/2002	44.867	21.000	139.000
Stage (feet)	5	04/19/1968-05/26/1971	4.872	4.660	5.220
Temperature (deg C)	100	06/24/1947-07/01/1975	25.118	11.500	35.000
Interior Station(s)					
Elevation (feet)	13215	08/01/1955-11/24/2003	70.221	40.840	116.520
Phosphorus (ug/l)	75	05/09/1995-12/12/2002	44.147	22.000	110.000
Temperature (deg C)	1	07/20/1999-07/20/1999	32.400	32.400	32.400

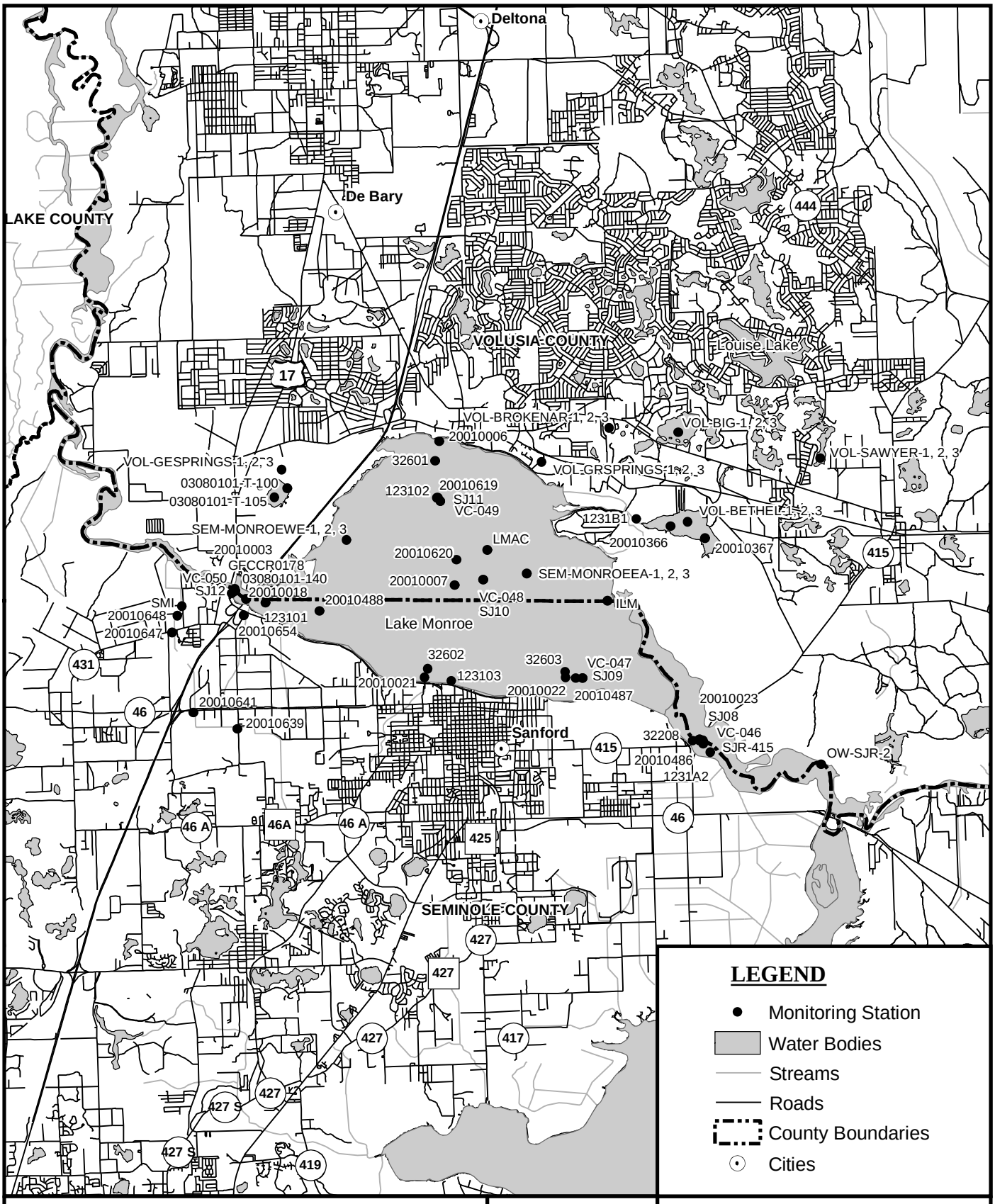
4.17 LAKE MONROE

Lake Monroe is one of the many natural lakes located on the St. Johns River. This lake straddles the border between Volusia and Seminole counties. The surface area of this lake, which is management by SJRWMD, is approximately 8,590 acres.

Figure 4-15 shows the monitoring stations located at Lake Monroe. The data available at these stations are summarized in Table 4-20 for selected monitoring parameters. Review of this table shows there are no inflow volume data available for this lake but ten years worth of daily outflow volume data. For phosphorus concentration data, there are seven years of monthly data for both the inflow and interior of this lake. For phosphorus discharge concentrations, there is a total of about 17 years worth of data. For all but two years of this period, phosphorus samples were taken approximately every other month. During the referenced two-year period, samples were collected semimonthly. There are also 11 years of daily stage data available for Lake Monroe. While it may be possible to estimate lake inflow volumes from the other available hydrologic data, this lake is rated only Fair as a potential calibration data set because it has no actual inflow volume records.

The other types of information that have been collected for Lake Monroe include

- Morphometry
- Geometry
- Vegetation data on species composition
- Residence time data
- Climatic data such as precipitation and pan evaporation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LAKE COUNTY
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LEGEND
Monitoring Station
Water Bodies
Streams
Roads
County Boundaries
Cities
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1 Inch equals 2 Miles
NORTH
Burns & McDonnell
SINCE 1898
Figure 4-15
LAKE MONROE
MONITORING STATIONS

Table 4-20: Lake Monroe Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Calcium (mg/l)	58	07/27/1981-03/12/1991	54.472	25.900	171.000
Depth (m)	23	01/27/1999-09/04/2003	1.789	0.500	4.000
pH	328	08/18/1960-09/04/2003	203.108	5.300	7,950.000
Phosphate (PO4-mg/l)	54	07/27/1981-05/21/1990	0.504	0.220	1.160
Phosphorus (ug/l)	499	03/14/1973-09/04/2003	98.681	0.952	883.000
Temperature (deg C)	311	08/18/1960-09/04/2003	115.846	9.500	15,500.000
Total Nitrogen (mg/l)	334	03/14/1973-09/04/2003	1.416	0.440	5.000
Outflow Station(s)					
Calcium (mg/l)	277	05/17/1954-09/24/2002	48.714	1.900	151.000
Depth (m)	9	08/26/1996-09/04/2003	2.489	1.500	4.700
Flow (cfs)	3653	04/27/1966-09/30/2002	2,163.673	-2,160.000	10,000.000
Gage Height (feet)	4017	05/01/1987-09/30/2003	2.135	-0.090	6.320
pH	565	05/17/1954-09/04/2003	179.876	5.670	2,500.000
Phosphate (PO4-mg/l)	140	02/05/1968-05/20/1996	0.575	0.040	2.720
Phosphorus (ug/l)	366	10/04/1971-09/04/2003	120.760	1.000	430.000
Stage (feet)	220	08/05/1941-09/24/2002	2.140	-0.400	8.590
Temperature (deg C)	556	05/17/1954-09/04/2003	24.332	9.000	80.000
Total Nitrogen (mg/l)	277	03/14/1973-09/04/2003	1.587	0.540	3.460
Interior Station(s)					
Calcium (mg/l)	42	12/07/1976-12/07/1998	45.435	20.000	91.600
Depth (m)	13	01/27/1999-09/04/2003	2.223	1.400	3.000
pH	430	02/05/1968-09/04/2003	86.827	5.500	2,500.000
Phosphate (PO4-mg/l)	27	12/07/1976-05/18/1981	0.567	0.290	0.990
Phosphorus (ug/l)	498	03/14/1973-09/04/2003	91.221	0.000	578.000
Temperature (deg C)	435	02/05/1968-09/04/2003	26.734	10.500	1,314.000
Total Nitrogen (mg/l)	437	03/14/1973-09/04/2003	1.571	0.200	4.490

4.18 LAKE NORRIS

Lake Norris is located in northern Lake County. This lake discharges to Black Water Creek, which is a tributary of the St. Johns River. Lake Norris has a surface area of approximately 1,120 acres.

The monitoring stations within and near Lake Norris are shown on Figure 4-16. The data available at these stations are summarized in Table 4-21 for selected monitoring parameters. SJRWMD and others have been monitoring this lake for many years but there are no inflow volume data available for this lake and only one year of monthly inflow phosphorus concentration data. Similarly, there are only 12 monthly samples of interior phosphorus concentrations at this lake. The discharge from this lake has been monitored much more consistently than the inflow. There is a USGS gaging station downstream from the outlet of Lake Norris that has a 21-year period of record of mean daily flow data but there are only 12 years of outflow phosphorus concentration data with samples taken every other month. Because there is no inflow volume data or significant phosphorus concentration data available for this lake, it is rated Poor as a potential calibration data set.

The other types of information that have been collected for Lake Norris include

- Vegetation data on species composition
- Climatic data such as precipitation and pan evaporation

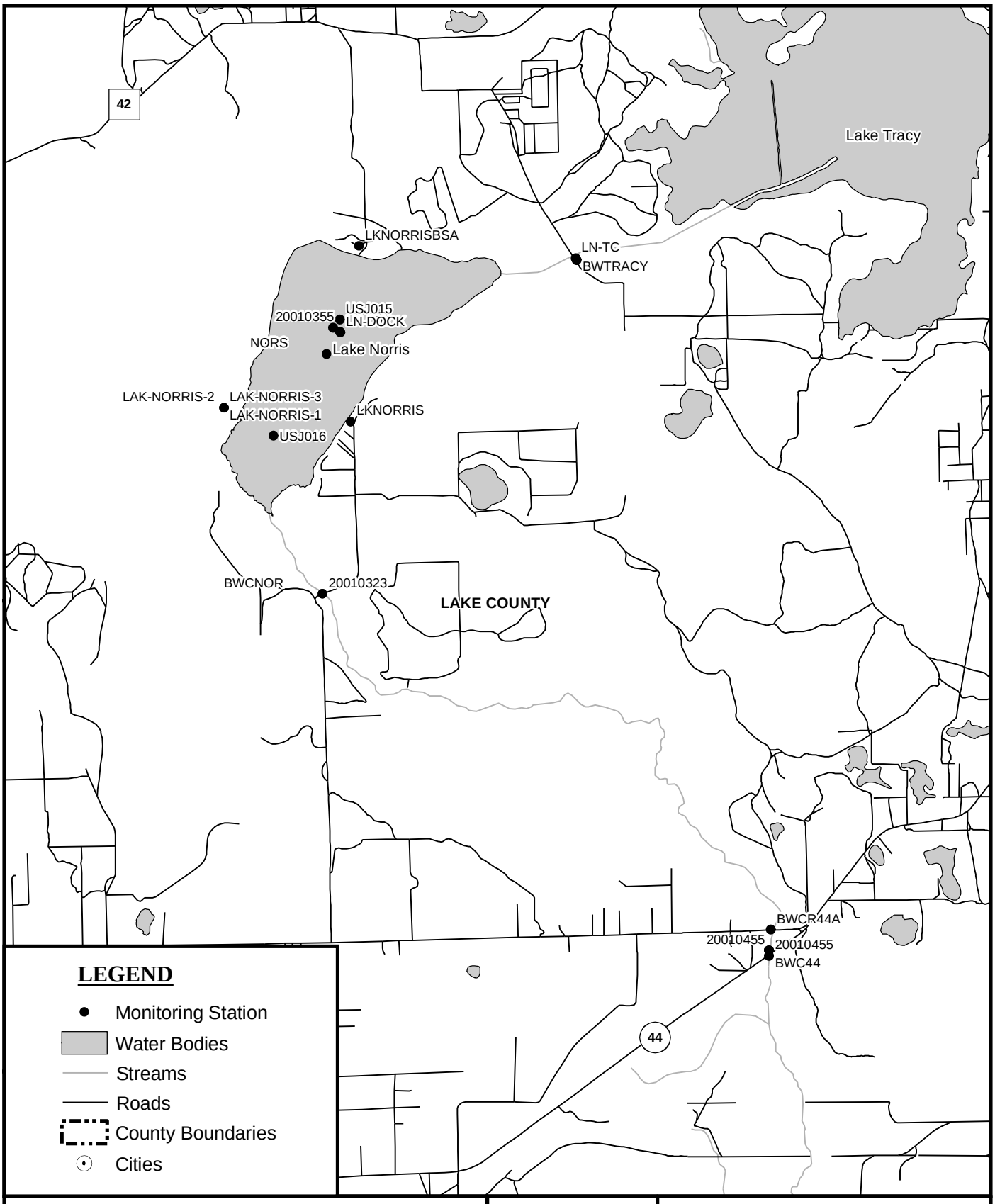

Figure 4-16

LAKE NORRIS
MONITORING STATIONS

Table 4-21: Lake Norris Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Calcium (mg/l)	12	10/02/2002-07/08/2003	29.867	19.000	38.200
Depth (m)	11	10/02/2002-07/08/2003	0.918	0.300	2.000
pH	11	10/02/2002-07/08/2003	6.249	5.810	6.840
Phosphate (PO4-mg/l)	10	10/02/2002-07/08/2003	0.023	0.004	0.051
Phosphorus (ug/l)	11	10/02/2002-07/08/2003	67.727	19.000	147.000
Phosphorus-Dis (ug/l)	10	10/02/2002-07/08/2003	35.800	7.000	92.000
Temperature (deg C)	11	10/02/2002-07/08/2003	19.842	12.080	26.840
Total Nitrogen (mg/l)	22	10/02/2002-07/08/2003	3.067	2.140	4.210
Outflow Station(s)					
Calcium (mg/l)	155	04/26/1956-01/05/2004	35.175	2.160	134.162
Depth (m)	100	07/30/1991-01/05/2004	1.216	0.250	2.700
Flow (cfs)	7955	05/12/1966-09/30/2002	58.424	2.000	776.000
Gage Height (feet)	7240	03/24/1981-09/30/2003	5.837	4.290	9.160
pH	183	04/26/1956-01/05/2004	6.387	4.910	7.900
Phosphate (PO4-mg/l)	66	05/03/1968-01/05/2004	0.033	0.002	0.240
Phosphorus (ug/l)	153	11/15/1978-01/05/2004	56.743	1.000	220.000
Stage (feet)	43	05/03/1968-11/10/2003	6.399	4.280	9.000
Temperature (deg C)	208	04/26/1956-01/05/2004	21.475	9.500	74.000
Total Nitrogen (mg/l)	195	11/15/1978-01/05/2004	1.511	0.456	3.000
Interior Station(s)					
Calcium (mg/l)	19	04/25/1990-07/08/2003	23.238	15.500	39.660
Depth (m)	15	07/25/2001-07/08/2003	2.674	0.100	3.900
pH	24	04/25/1990-07/08/2003	6.729	6.100	7.330
Phosphate (PO4-mg/l)	13	10/02/2002-07/08/2003	0.037	0.020	0.052
Phosphorus (ug/l)	48	04/25/1990-07/08/2003	46.625	15.000	139.000
Phosphorus-Dis (ug/l)	13	10/02/2002-07/08/2003	59.000	30.000	100.000
Temperature (deg C)	24	04/25/1990-07/08/2003	25.259	14.030	31.510
Total Nitrogen (mg/l)	33	04/25/1990-07/08/2003	1.850	0.860	3.890

4.19 LAKE PANASOFFKEE

Lake Panasoffkee is the only candidate data site located in Sumter County. There is significant development along the western shore of this lake, which is located within SWFWMD. Lake Panasoffkee is drained by the Outlet River. The surface area of this lake is approximately 3,740 acres.

The monitoring stations at this lake are shown on Figure 4-17. The data available at these stations are summarized in Table 4-22 for selected monitoring parameters. Lake Panasoffkee has records of daily inflow and outflow with periods of record covering 20 and 41 years, respectively. There are also phosphorus concentration data available for the inflow and outflow that cover long periods of record, 14 years for the inflow and up to 25 years for the outflow. Unfortunately, except for a 30-month period when outflow concentrations were monitored monthly, most of these phosphorus samples were collected every other month or less frequently. Because this lake does not have regular monthly or more frequent phosphorus data, it is rated only Fair as a potential calibration data site.

The other types of information that have been collected for Lake Panasoffkee include

- Geometry
- Vegetation data on dominant species, species composition, plant zonation and plant biomass
- Capital cost data
- Climatic data such as precipitation and pan evaporation

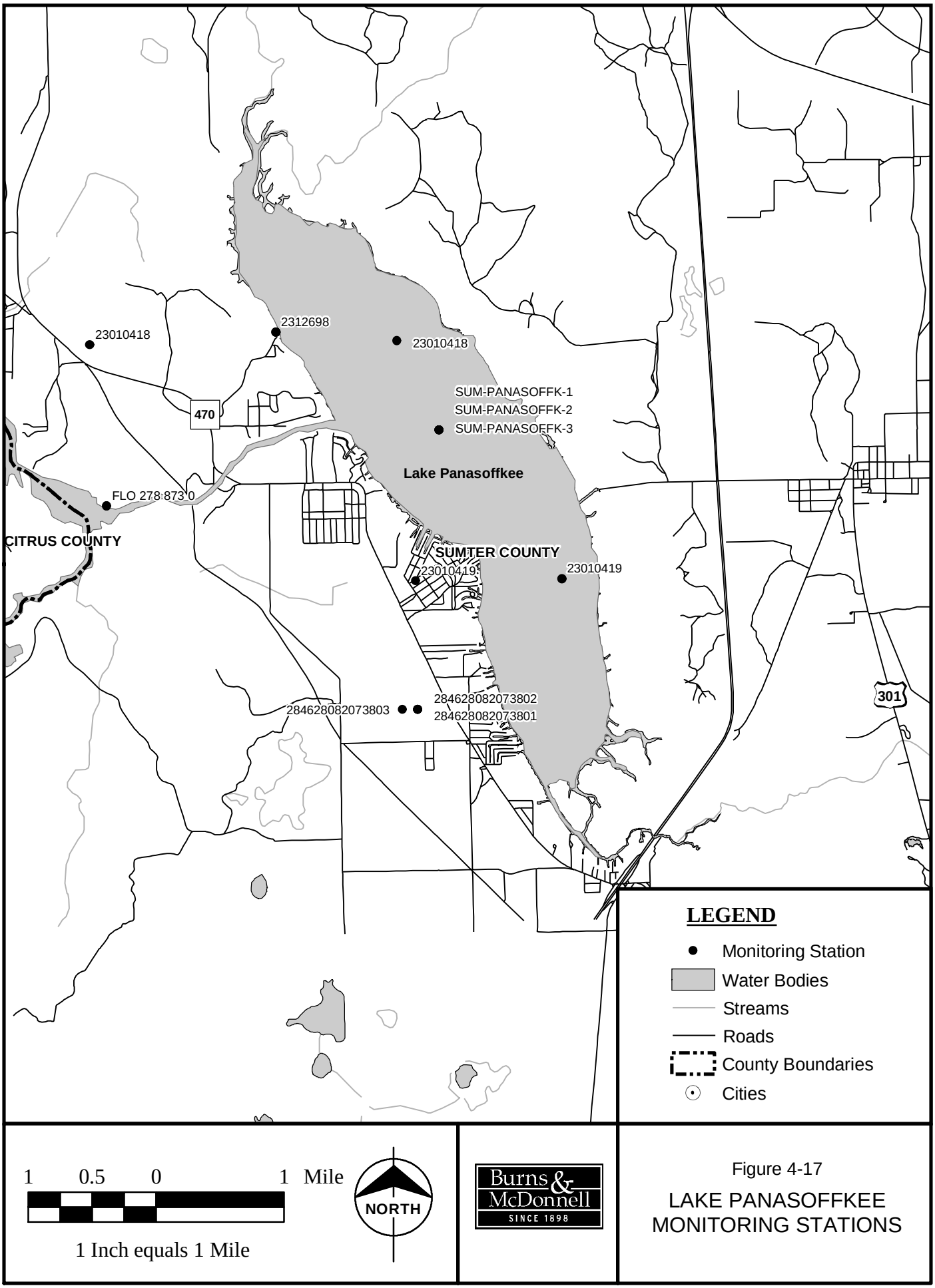

Figure 4-17

LAKE PANASOFFKEE
MONITORING STATIONS

Table 4-22: Lake Panasoffkee Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Flow (cfs)	7482	02/09/1982-09/30/2003	37.889	0.380	243.000
Phosphorus (ug/l)	89	08/05/1988-09/13/2002	29.135	10.000	153.000
Outflow Station(s)					
Flow (cfs)	14975	10/01/1962-09/30/2003	175.647	0.000	820.000
pH	4	12/05/1972-07/30/1974	8.200	7.200	8.900
Phosphorus (ug/l)	204	09/04/1973-12/03/2002	35.240	9.000	329.000
Temperature (deg C)	4	12/05/1972-07/30/1974	26.225	18.500	30.000
Interior Station(s)					
Calcium (mg/l)	8	08/20/1965-08/20/1986	39.375	16.000	56.000
Flow (cfs)	1	01/06/1969-01/06/1969	540.000	540.000	540.000
pH	29	08/20/1965-02/25/1998	7.972	7.000	8.700
Phosphate (PO4-mg/l)	2	04/25/1969-05/14/1970	0.070	0.040	0.100
Phosphorus (ug/l)	106	09/04/1973-09/13/2002	34.877	9.000	190.000
Stage (feet)	50	10/24/1968-02/25/1998	40.883	38.580	46.850
Temperature (deg C)	109	11/10/1966-02/25/1998	23.801	9.500	32.500
Total Nitrogen (mg/l)	2	08/05/1975-08/20/1986	1.465	0.430	2.500
Exterior-US Station(s)					
Calcium (mg/l)	3	12/08/1992-12/09/1992	194.667	53.000	470.000
pH	5	11/28/1972-12/09/1992	6.800	5.700	7.700
Phosphorus (ug/l)	2	08/14/1973-08/20/1974	45.000	40.000	50.000
Temperature (deg C)	6	11/28/1972-12/09/1992	23.717	16.800	27.000

4.20 LAKE PARKER

Lake Parker is located in Polk County near Lakeland, Florida. The vicinity of this lake is highly urbanized. Lake Parker has a surface area of approximately 2,140 acres.

Figure 4-18 is a map that shows the location of Lake Parker. The monitoring data available for Lake Parker is summarized in Table 4-23 for selected monitoring parameters. This lake has no recorded inflow volume data and inflow phosphorus concentration data were collected only twice annually for about 12 years. Also, there are three years of daily discharge volume data from Lake Parker but no phosphorus concentration data for these discharges. In the interior of Lake Parker, phosphorus concentration data have been collected three to four times annually for approximately six years. This lake is rated Poor as a potential calibration data set because of insufficient data.

The other types of information that have been collected for Lake Parker include

- Morphometry
- Geometry
- As-built drawings
- Structure locations
- Design data
- Maintenance cost data
- Climatic data such as precipitation and pan evaporation

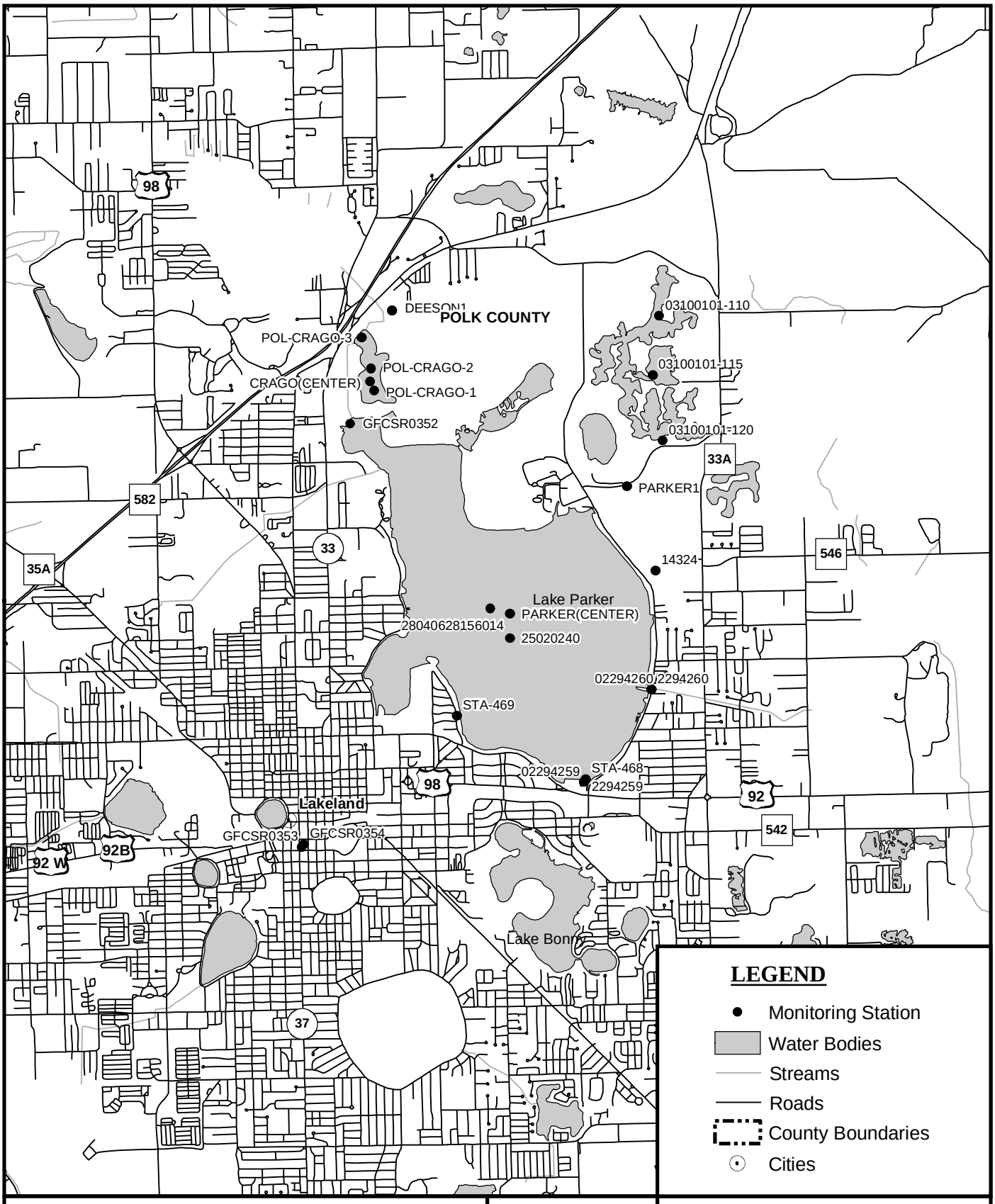

Figure 4-18

LAKE PARKER
MONITORING STATIONS

Table 4-23: Lake Parker Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Calcium (mg/l)	6	08/20/1965-05/09/1970	25.500	23.000	29.000
pH	6	08/20/1965-05/09/1970	7.067	6.700	8.000
Phosphate (PO4-mg/l)	2	05/13/1968-05/09/1970	0.440	0.220	0.660
Phosphorus (ug/l)	35	05/22/1990-02/05/2003	236.000	60.000	769.000
Stage (feet)	52	05/13/1968-07/30/1980	21.416	1.840	30.980
Temperature (deg C)	59	05/01/1967-07/27/1981	25.144	14.000	33.500
Outflow Station(s)					
Flow (cfs)	2593	12/01/1999-03/30/2004	6.436	0.000	187.179
Gage Height (feet)	1552	12/16/1999-03/30/2004	0.848	0.230	4.293
Interior Station(s)					
Elevation (feet)	19410	05/02/1949-11/22/2003	129.483	0.000	131.890
Phosphorus (ug/l)	22	03/13/1996-12/10/2002	308.490	3.790	628.000
Exterior-US Station(s)					
Phosphorus (ug/l)	59	10/03/1990-12/11/2002	247.051	40.000	812.000

4.21 LAKE SEBRING

Lake Sebring is located in the northwest corner of Highlands County near Bonnet Lake and Lake Istokpoga. Lake Sebring, which is in the SFWMD, has a surface area of approximately 440 acres.

The location of Lake Sebring was shown previously on Figure 4-2. Table 4-24 is a summary of the monitoring data available for Lake Sebring for selected parameters. This lake has a long outflow volume record (25 years of daily data) but little data available on phosphorus concentrations (inflow, interior or outflow). Other than the discharge volume data, the second most frequent sample record has been for lake stage. There is a 13-year period of record of monthly lake stages. Lake Sebring is considered a poor candidate as a calibration data set and received a Poor rating as a result.

The other types of information that have been collected for Lake Sebring include

- Morphometry
- Vegetation data on dominant species, species composition, plant zonation and plant biomass
- Climatic data such as precipitation and pan evaporation

Table 4-24: Lake Sebring Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Outflow Station(s)					
Flow (cfs)	9175	10/01/1954-04/12/2004	25.241	1.600	352.000
Gage Height (feet)	4761	04/01/1991-04/12/2004	5.564	4.470	9.380
Interior Station(s)					
Elevation (feet)	770	02/03/1982-12/03/2003	105.528	103.240	107.400
Exterior-US Station(s)					
Elevation (feet)	9	05/20/1969-09/05/1991	87.337	83.350	88.990
Flow (cfs)	11541	02/25/1952-09/30/1983	35.547	0.000	831.000

4.22 LAKE SEMINOLE

Lake Seminole is located in Pinellas County west of St. Petersburg, Florida. This lake has a surface area of approximately 660 acres and drains into Longs Bayou.

The location of Lake Seminole is shown in Figure 4-19. The monitoring data available for this lake are summarized in Table 4-25 for selected monitoring parameters. EAS has reported that there are weekly inflow records available for this lake, covering a 10-year period of record, from the numerous (100+) storm water pipes that discharge to this lake but these data are not yet available in an electronic format. For outflow, there is a USGS gaging station that has 20 years of daily data available for the outlet from Lake Seminole. Phosphorus concentration data (inflow, interior and outflow) are available for six years with a monthly sample frequency. This candidate site has been given only a Fair rating because of its complexity with over 100 inflow sources and none of these data currently available electronically. If these inflow volume and phosphorus concentration data can be secured, this site may warrant further consideration for use as a calibration data set.

The other types of non-time series data that have been collected for this lake are listed below.

- Morphometry
- Geometry
- As-built drawings
- Structure locations
- Design data
- Vegetation data on dominant species, species composition and plant zonation
- Data on residence time and antecedent conditions
- Climatic data such as precipitation and pan evaporation

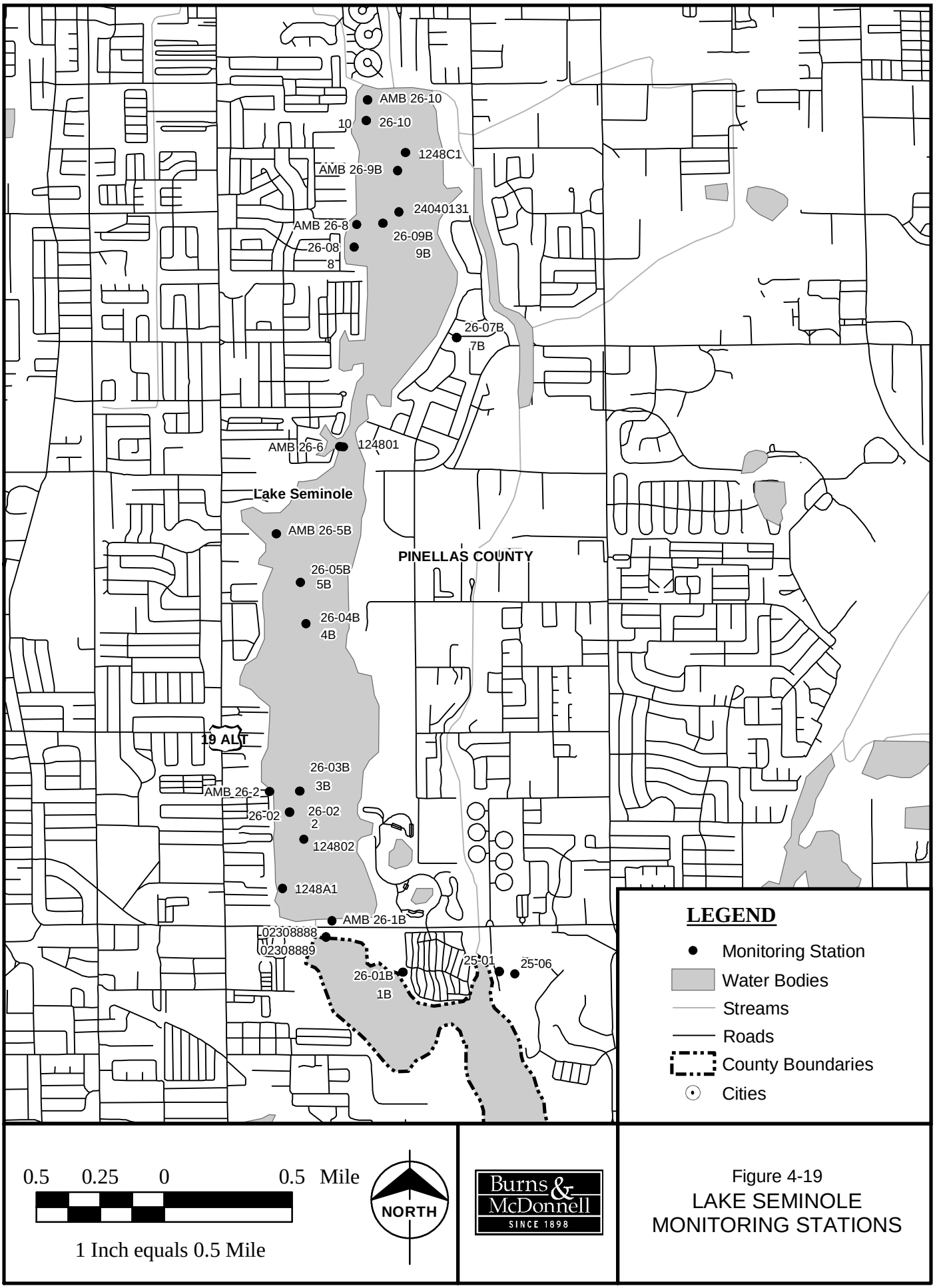

Figure 4-19
LAKE SEMINOLE
MONITORING STATIONS

Table 4-25: Lake Seminole Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Calcium (mg/l)	813	01/19/1902-11/19/1903	0.000	0.000	0.000
pH	1518	01/19/1902-11/23/1998	8.221	5.420	9.640
Phosphorus (ug/l)	1403	01/19/1902-11/23/1998	63.284	0.000	800.000
Stage (feet)	813	01/19/1902-11/19/1903	0.016	0.000	2.400
Temperature (deg C)	1518	01/19/1902-11/23/1998	24.130	10.840	32.400
Total Nitrogen (mg/l)	1408	01/19/1902-11/23/1998	1.127	0.000	7.510
Outflow Station(s)					
Elevation (feet)	15415	08/01/1950-08/12/2003	4.865	2.800	7.650
Flow (cfs)	7731	08/01/1950-09/30/1971	16.032	0.000	598.000
Gage Height (feet)	731	10/01/1971-09/30/1973	5.128	4.510	6.260
pH	297	01/02/1991-12/09/1998	8.105	5.670	9.180
Phosphorus (ug/l)	252	02/05/1992-12/09/1998	106.075	1.010	450.000
Temperature (deg C)	301	01/02/1991-12/09/1998	24.674	11.090	34.150
Total Nitrogen (mg/l)	249	02/05/1992-12/09/1998	1.570	0.050	4.670
Interior Station(s)					
Calcium (mg/l)	786	01/01/1902-11/07/1903	0.000	0.000	0.000
Depth (m)	1	08/16/1999-08/16/1999	1.500	1.500	1.500
Elevation (feet)	497	10/15/1969-11/18/2003	46.975	44.120	49.340
pH	1317	01/01/1902-08/16/1999	8.461	0.000	9.580
Phosphorus (ug/l)	902	01/01/1902-11/23/1998	23.649	0.000	440.000
Stage (feet)	786	01/01/1902-11/07/1903	0.023	0.000	2.540
Temperature (deg C)	1317	01/01/1902-08/16/1999	23.852	10.840	32.760
Total Nitrogen (mg/l)	903	01/01/1902-11/23/1998	0.414	0.000	4.980
Exterior-US Station(s)					
pH	748	01/13/1999-11/14/2001	8.615	6.280	9.450
Phosphorus (ug/l)	265	01/13/1999-11/14/2001	128.822	30.000	740.000
Temperature (deg C)	748	01/13/1999-11/14/2001	23.958	10.820	32.070
Total Nitrogen (mg/l)	528	01/13/1999-11/14/2001	3.255	1.110	7.600

4.23 LAKE THONOTOSASSA

Lake Thonotosassa is located in Hillsborough County about 12 miles northeast of downtown Tampa. This lake, which is within the SWFWMD, has a surface area of approximately 850 acres.

The monitoring stations at Lake Thonotosassa are shown on Figure 4-20. The data available at these stations are summarized in Table 4-26 for selected monitoring stations. There are 22 years of daily inflow and outflow volume data available for this lake although the most recent data were collected in 1991. For inflow phosphorus concentrations, there are about 2.5 years of semimonthly data available from the period 1969 – 1971. Interior and outflow phosphorus concentrations have both been monitored for about 31 years on a monthly basis. There are significant amounts of data available for this lake but none are recent. This lake was rated Good as a potential calibration data set.

The other types of information that have been collected for Lake Thonotosassa include

- Morphometry
- Geometry
- As-built drawings
- Structure locations
- Design data
- Vegetation data on dominant species, species composition and plant zonation
- Climatic data such as precipitation, air temperature and pan evaporation

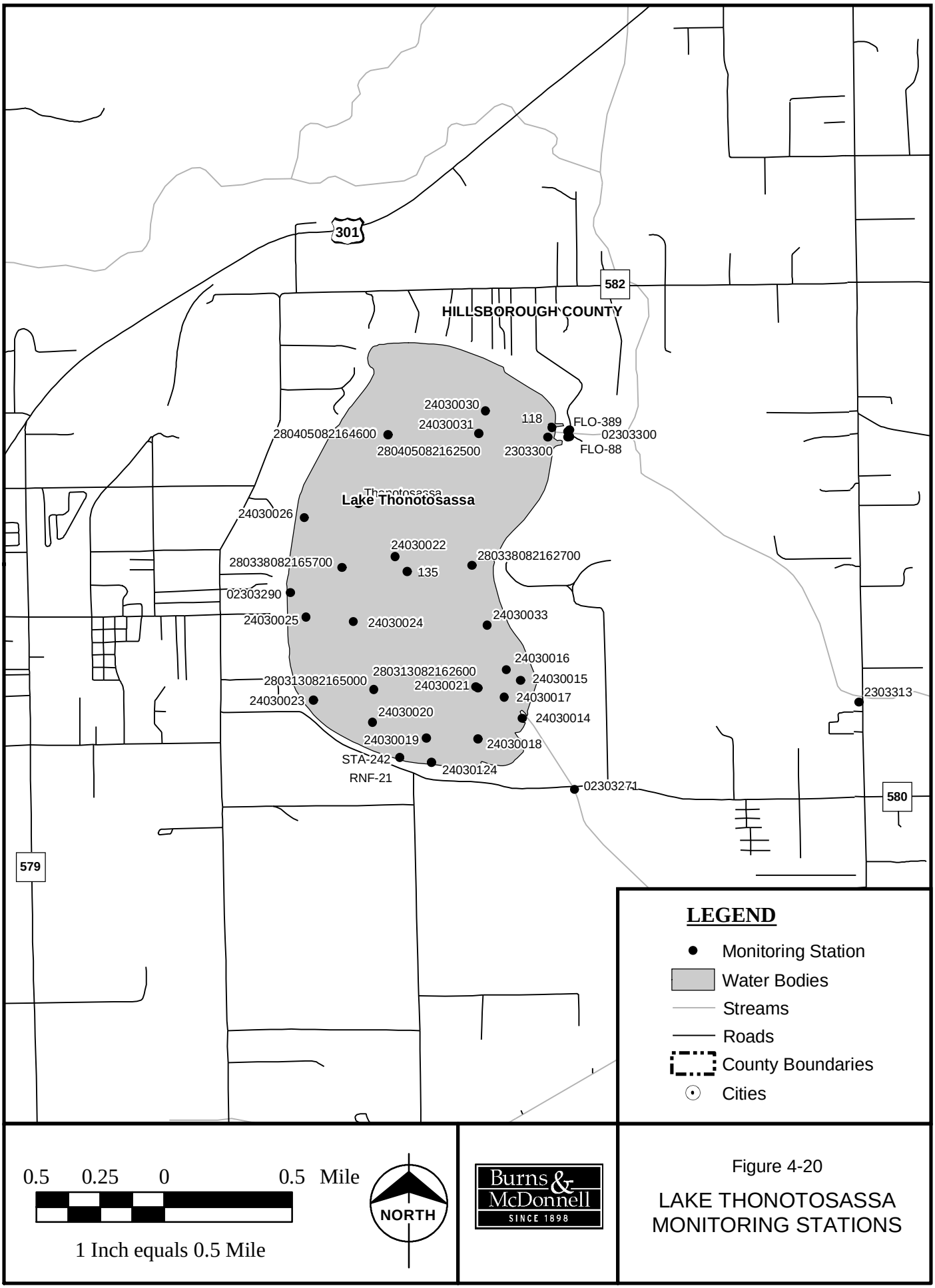

Figure 4-20

LAKE THONOTOSASSA
MONITORING STATIONS

Table 4-26: Lake Thonotosassa Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Elevation (feet)	8499	06/29/1989-09/15/2003	35.894	0.000	42.700
Flow (cfs)	8127	10/01/1956-09/30/1991	36.739	0.000	941.000
Gage Height (feet)	5252	10/01/1971-09/30/1991	27.373	1.580	38.640
Phosphate (PO4-mg/l)	1	03/19/1970-03/19/1970	2.200	2.200	2.200
Phosphorus (ug/l)	58	01/27/1969-04/21/1971			
Temperature (deg C)	1	03/19/1970-03/19/1970	20.000	20.000	20.000
Total Nitrogen (mg/l)	58	01/27/1969-04/21/1971			
Outflow Station(s)					
Calcium (mg/l)	66	01/20/1999-12/12/2001	26.394	19.000	34.000
Depth (m)	36	01/20/1999-12/12/2001	3.917	2.500	6.000
Flow (cfs)	8468	10/25/1956-09/30/1991	36.285	0.000	941.000
pH	34	01/20/1999-12/12/2001	9.488	6.900	10.800
Phosphate (PO4-mg/l)	1	03/19/1970-03/19/1970	2.300	2.300	2.300
Phosphorus (ug/l)	394	01/28/1969-09/17/2003	587.339	40.000	1,860.000
Temperature (deg C)	35	03/19/1970-12/12/2001	25.214	18.200	35.000
Total Nitrogen (mg/l)	463	01/28/1969-09/17/2003	1,583.654	1.200	6,280.000
Interior Station(s)					
Depth (m)	36	01/20/1999-12/12/2001	12.833	11.000	14.500
Elevation (feet)	9531	09/11/1956-09/30/1991	35.542	33.670	38.720
pH	35	01/20/1999-12/12/2001	9.063	6.300	10.600
Phosphate (PO4-mg/l)	4	03/19/1970-03/19/1970	2.200	2.200	2.200
Phosphorus (ug/l)	755	01/27/1969-09/17/2003	544.175	0.970	2,290.000
Stage (feet)	62	08/15/1990-12/17/2003	35.592	33.260	36.780
Temperature (deg C)	38	03/19/1970-12/12/2001	24.205	17.300	30.300
Total Nitrogen (mg/l)	824	01/27/1969-09/17/2003	1,551.333	1.290	9,300.000
Unknown Station(s)					
Phosphorus (ug/l)	5	03/19/1970-03/19/1970	2,220.000	2,200.000	2,300.000
Total Nitrogen (mg/l)	5	03/19/1970-03/19/1970			
Exterior-US Station(s)					
Elevation (feet)	4026	02/17/1992-08/25/2003	31.469	0.000	37.940
Exterior-DS Station(s)					
Flow (cfs)	13138	07/25/1972-09/30/2002	208.722	0.000	5,090.000

4.24 LAKE TRAFFORD

Lake Trafford is located in Collier County near Imokalee, Florida. This lake, which is within the SFWMD, has a surface area of approximately 1,480 acres.

The monitoring stations for Lake Trafford are shown on Figure 4-21. The data available for these stations are summarized in Table 4-27 for selected monitoring parameters. Review of this table shows that virtually none of the required data types, in particular flow volumes and phosphorus concentrations, have been collected at regular intervals at this lake. Because of a lack of necessary data, this lake is rated Poor as a candidate for continued consideration in Task 3.

The other types of information that have been collected for Lake Trafford include

- Morphometry
- Geometry
- As-built drawings
- Structure locations
- Design data
- Capital and maintenance cost data
- Climatic data such as precipitation and pan evaporation

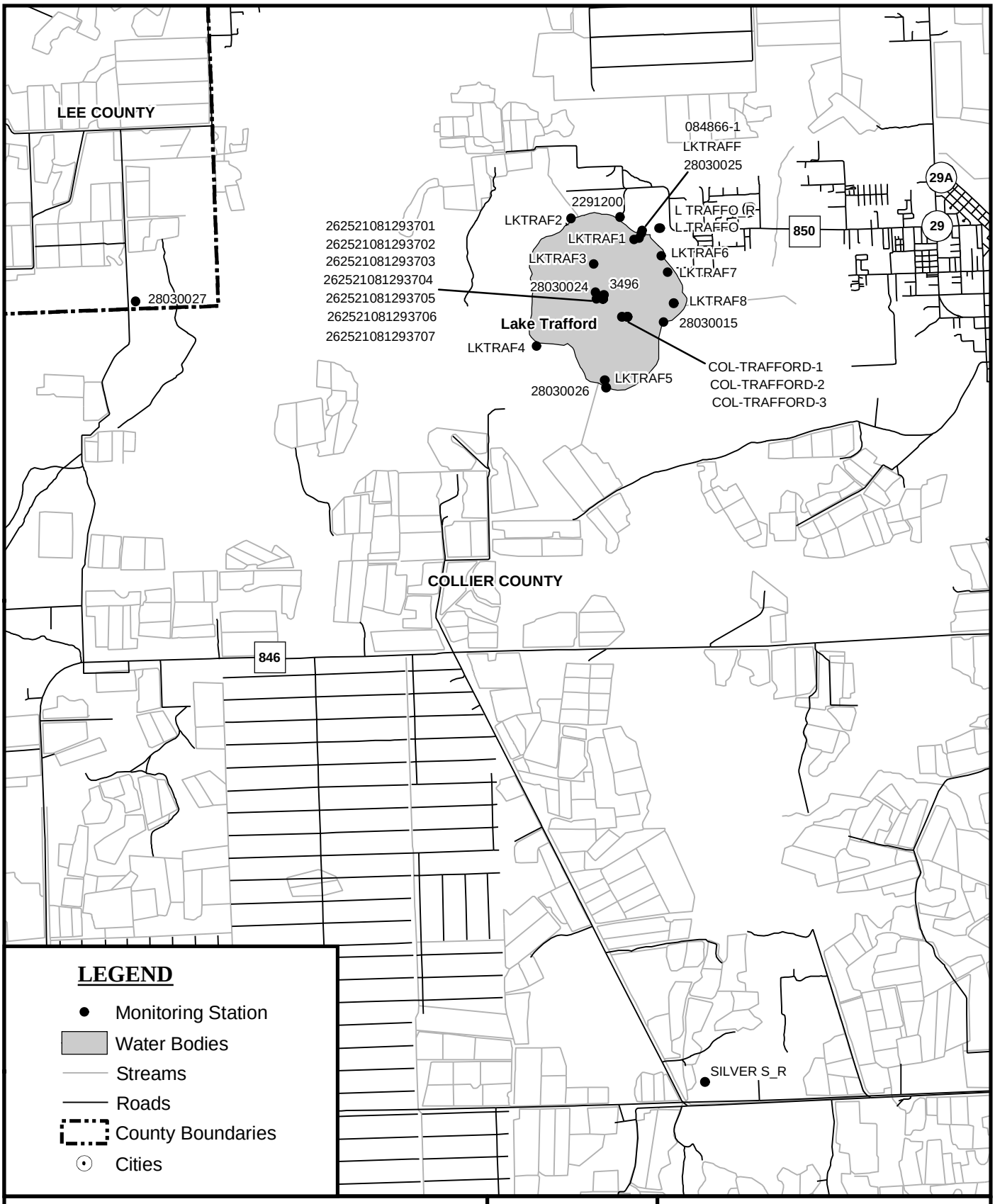

Figure 4-21

LAKE TRAFFORD
MONITORING STATIONS

Table 4-27: Lake Trafford Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Outflow Station(s)					
Calcium (mg/l)	6	08/21/1995-12/17/1997	34.250	29.000	40.000
pH	11	07/25/1972-12/17/1997	8.086	6.900	9.900
Phosphorus (ug/l)	13	07/25/1972-12/17/1997	200.000	50.000	690.000
Temperature (deg C)	13	07/25/1972-12/17/1997	25.785	15.700	31.600
Total Nitrogen (mg/l)	7	05/17/1995-12/17/1997	3.143	1.900	4.300
Interior Station(s)					
Calcium (mg/l)	1	02/16/1982-02/16/1982	24.900	24.900	24.900
pH	22	07/25/1972-10/24/1995	8.191	6.400	9.900
Phosphorus (ug/l)	36	07/25/1972-10/24/1995	101.111	20.000	360.000
Temperature (deg C)	38	07/25/1972-10/24/1995	25.022	16.000	32.000
Total Nitrogen (mg/l)	12	09/14/1976-10/24/1995	1.808	1.200	2.960

4.25 LAKE WASHINGTON

Lake Washington is located on the St. Johns River in Brevard County. This lake has a surface area of approximately 2,810 acres.

Figure 4-22 is a map that shows the locations of available monitoring stations at Lake Washington. The data available at these stations is summarized in Table 4-28 for selected monitoring parameters. This table shows that a consistent water quality monitoring program has been conducted at this lake. The best data record is for inflow volumes, with a 63-year period of record of daily flow data. Phosphorus concentrations in this lake's inflow, interior and outflow have been monitored monthly for respectively eight, nine and eight years. Lake stage data are also available on a monthly basis for nine years. The only significant data type that is missing at this lake are outflow volume data. These outflows can probably be estimated fairly well from the other available data so this candidate site could easily be rated either Good or Fair. Dr. William Walker reported that he has previously investigated Lake Washington and found that it has a very short residence time, less than one day. For this reason, the inflow and outflow phosphorus concentrations are not signficantly different and therefore, this lake is not that useful for model calibration. Based on this information, this lake is rated only Fair.

The other types of information that have been collected for Lake Washington include

- Morphometry
- Geometry
- Vegetation data on dominant species, species composition and plant zonation
- Flooded soil characteristics
- Climatic data such as precipitation and pan evaporation

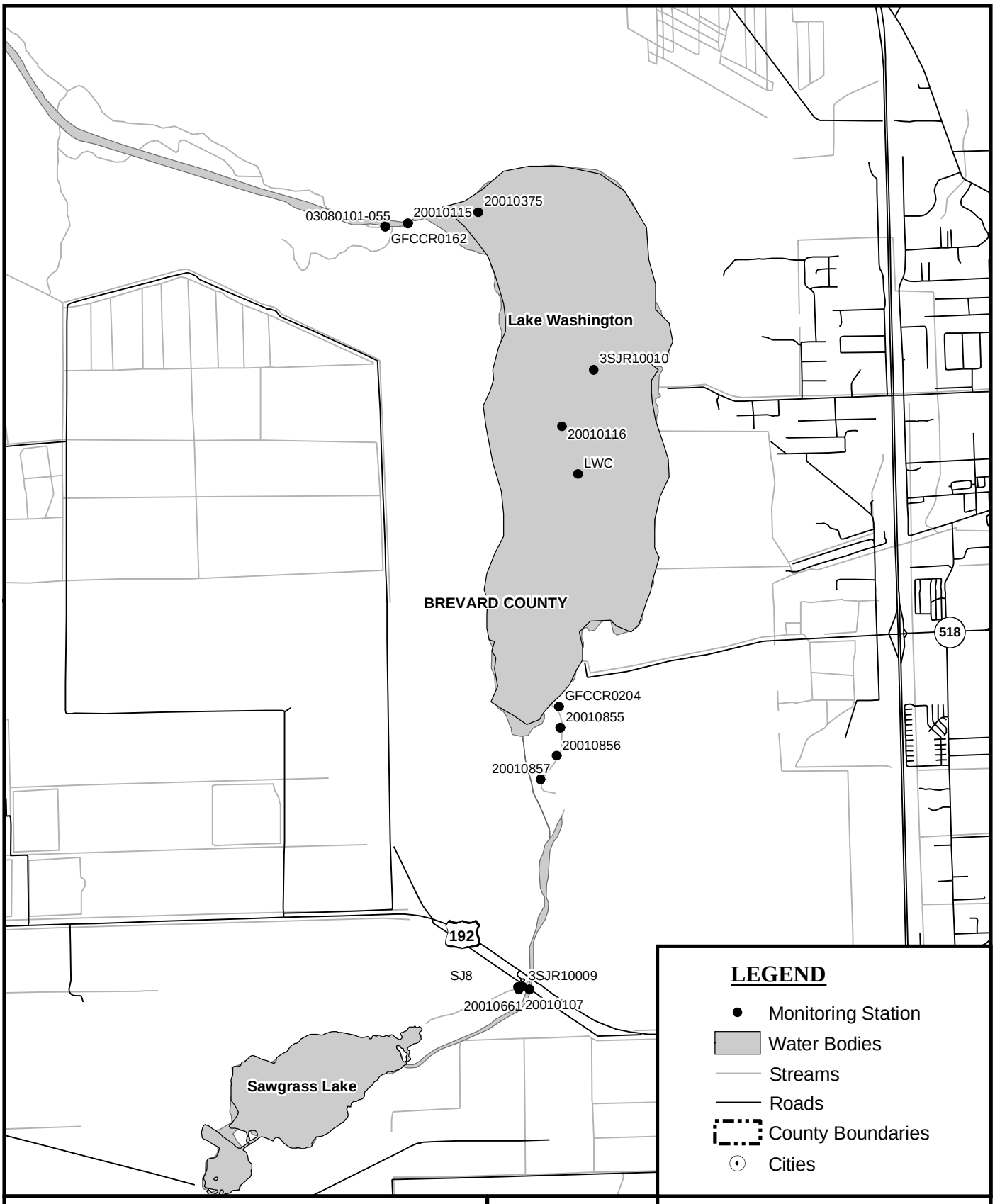

Figure 4-22

LAKE WASHINGTON
MONITORING STATIONS

Table 4-28: Lake Washington Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Calcium (mg/l)	50	10/09/1972-05/20/2003	39.360	11.000	100.000
Depth (m)	122	05/01/1984-07/15/2003	2.180	0.800	4.300
Flow (cfs)	23011	10/01/1939-09/30/2002	680.847	-118.000	18,000.000
Gage Height (feet)	23268	11/08/1939-09/30/2003	3.918	-1.230	9.610
pH	83	02/06/1968-05/20/2003	7.295	5.950	8.300
Phosphate (PO4-mg/l)	30	02/06/1968-09/05/1972	1.254	0.050	30.000
Phosphorus (ug/l)	157	12/06/1971-07/15/2003	113.357	10.000	559.000
Temperature (deg C)	69	10/09/1968-05/20/2003	26.109	9.000	78.000
Total Nitrogen (mg/l)	55	04/02/1980-05/20/2003	2.024	1.180	9.390
Outflow Station(s)					
Calcium (mg/l)	260	10/09/1973-07/06/1998	39.838	10.600	155.000
Depth (m)	227	11/20/1980-07/14/2003	53.218	0.300	360.000
pH	572	02/06/1968-05/20/2003	171.092	4.500	1,350.000
Phosphate (PO4-mg/l)	210	10/09/1973-05/20/1996	0.211	0.050	0.930
Phosphorus (ug/l)	167	11/07/1973-05/20/2003	65.371	10.000	270.000
Temperature (deg C)	376	10/09/1968-05/20/2003	23.584	6.100	33.100
Total Nitrogen (mg/l)	121	02/01/1978-05/20/2003	1.517	0.970	2.450
Interior Station(s)					
Calcium (mg/l)	15	11/20/1980-06/26/1984	50.600	27.000	80.000
Depth (m)	135	02/03/1982-07/15/2003	2.253	0.500	4.500
pH	17	11/20/1980-06/26/1984	7.590	6.550	8.500
Phosphorus (ug/l)	160	12/09/1980-07/15/2003	89.731	8.000	365.000
Temperature (deg C)	17	11/20/1980-06/26/1984	22.041	7.900	30.500
Total Nitrogen (mg/l)	18	12/09/1980-06/26/1984	1.578	1.120	2.995

4.26 MEDARD PARK

Medard Park is located in Hillsborough County about 17 miles east of Tampa. The reservoir area is a reclaimed phosphate mine that was donated to the SWFWMD. The reservoir has a surface area of approximately 600 acres.

The location of Medard Park is shown on Figure 4-23. The data available for monitoring stations at the park are summarized in Table 4-29 for selected parameters. Except for water elevation/stage data, there are only limited amounts of monitoring data available for this reservoir. No inflow or outflow flow volumes or inflow phosphorus concentration data have been found for Medard Park reservoir. Only outflow phosphorus concentrations have been monitored consistently at this site but only quarterly for approximately 16 years. This data site does not possess the data necessary for use as a calibration data set and is rated Poor for this purpose.

The other types of information that have been collected for Medard Park include

- Morphometry
- Geometry
- As-built drawings
- Structure locations
- Design data
- Vegetation data on dominant species, species composition and plant zonation
- Climatic data such as precipitation and pan evaporation

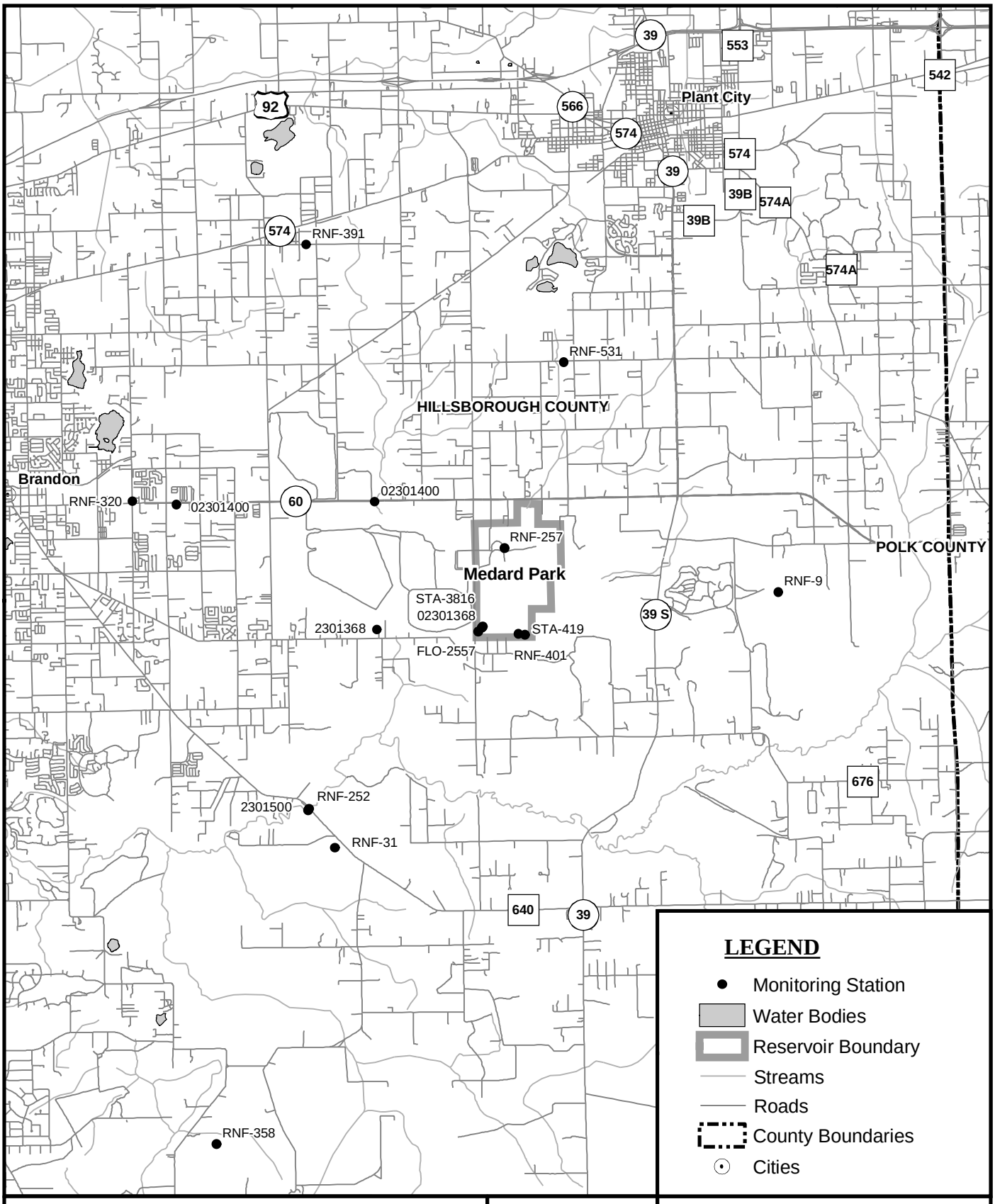

Figure 4-23

MEDARD PARK
MONITORING STATIONS

Table 4-29: Medard Park Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Outflow Station(s)					
Elevation (feet)	8605	08/01/1970-09/17/2003	58.422	34.000	63.520
pH	22	10/26/1978-10/22/1987	7.700	6.400	8.900
Phosphorus (ug/l)	80	05/07/1971-10/22/1987	512.556	1.000	1,400.000
Stage (feet)	56	05/07/1971-12/23/2003	45.988	6.030	61.150
Temperature (deg C)	90	05/07/1971-08/12/1987	24.633	14.000	34.000
Total Nitrogen (mg/l)	98	05/07/1971-10/22/1987	1.112	0.090	2.800
Interior Station(s)					
Elevation (feet)	3932	08/19/1982-11/24/2003	59.040	0.000	62.580
Stage (feet)	3991	08/19/1982-01/30/2004	59.564	55.130	62.580
Exterior-US Station(s)					
Gage Height (feet)	1084	09/12/1963-08/30/1966	2.590	1.850	5.970

4.27 RED BEACH LAKE

Red Beach Lake is located in Highlands County near Lake Istokpoga. The lake, which is within the SFWMD, has a surface area of approximately 310 acres.

The location of Red Beach Lake was shown previously on Figure 4-13. The monitoring data available at Red Beach Lake are summarized in Table 4-30 for selected parameters. Lake elevation data are the only type of data has been monitored extensively at this lake. As such, this lake is not a good candidate for continued consideration and is rated Poor for this purpose.

The other types of information that have been collected for Red Beach Lake include

- Morphometry
- Vegetation data on dominant species, species composition, plant zonation and plant biomass
- Climatic data such as precipitation and pan evaporation

Table 4-30: Red Beach Lake Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Outflow Station(s)					
Elevation (feet)	2134	10/01/1991-10/11/2003	76.931	0.000	84.800
Interior Station(s)					
Calcium (mg/l)	2	08/23/1966-02/15/1967	1.550	1.500	1.600
Elevation (feet)	261	10/31/1984-12/02/2003	74.920	73.000	75.900
pH	2	08/23/1966-02/15/1967	6.350	5.900	6.800
Temperature (deg C)	1	02/15/1967-02/15/1967	18.300	18.300	18.300

4.28 RODMAN RESERVOIR

Rodman Reservoir is located in Putnam County on the Ocklawaha River, a tributary of the St. Johns River. This reservoir is also known as Ocklawaha Lake. This reservoir has a surface area of approximately 3,860 acres.

Figure 4-24 is a map showing the locations of monitoring stations at Rodman Reservoir. Table 4-31 is a summary of the data available for these stations for selected monitoring parameters. Review of this table shows there are 35 years of inflow and 32 years of outflow volume data for this reservoir. Inflow and outflow phosphorous concentrations have been monitored as well for approximately 30 years but not every month. Overall, the sampling frequency has been higher than every other month but less than every month. There are also two years of monthly data available for the phosphorus concentrations in the reservoir discharge. Rodman Reservoir also has three years of monthly phosphorus concentration data for its interior plus 32 years of daily stage data. There has been a significant amount of monitoring activity at this reservoir by six different agencies and at multiple stations. Further analysis may show that the data from these different sources will supplement one another to form a more continuous monitoring record. This candidate site is rated Good for potential use as a calibration data set.

The other types of information that have been collected for Rodman Reservoir include

- Morphometry
- Structure locations
- Design data
- Vegetation data on dominant species, species composition, plant zonation and plant biomass
- Flooded soil characteristics
- Maintenance cost data
- Climatic data such as precipitation and pan evaporation

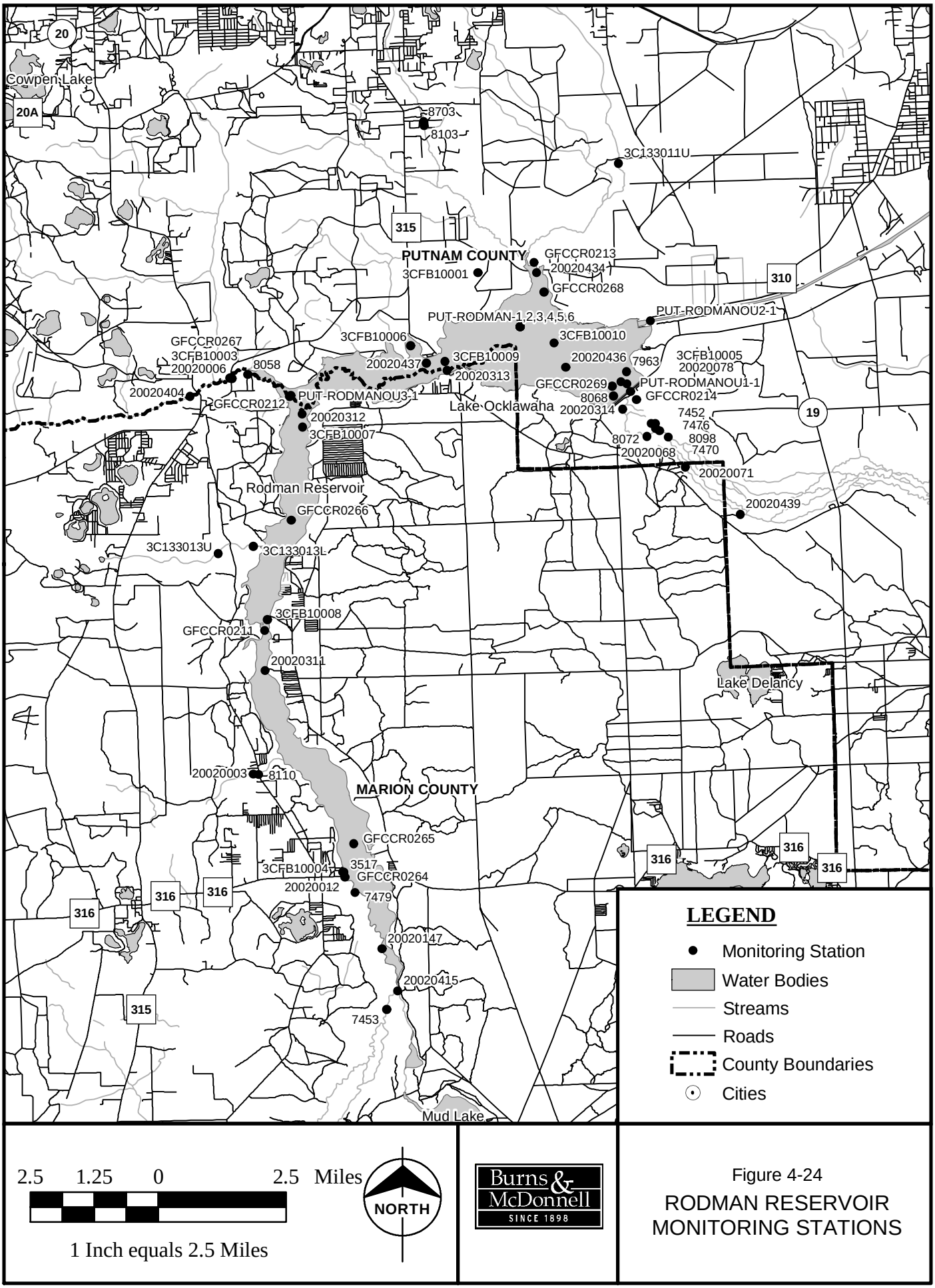

Figure 4-24

RODMAN RESERVOIR
MONITORING STATIONS

Table 4-31: Rodman Reservoir Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Calcium (mg/l)	662	04/24/1956-09/08/2003	45.671	1.000	362.000
Depth (m)	183	07/05/1995-09/08/2003	4.171	0.100	83.000
Flow (cfs)	32636	03/01/1930-09/30/2002	541.516	1.000	6,110.000
Gage Height (feet)	31293	03/01/1930-09/30/2003	9.933	0.390	1,500.000
pH	1348	04/24/1956-09/08/2003	41.775	5.200	620.000
Phosphate (PO4-mg/l)	195	03/21/1967-06/25/1997	0.190	0.029	1.110
Phosphorus (ug/l)	999	05/08/1968-09/08/2003	61.613	0.000	765.000
Stage (feet)	125	05/08/1968-09/08/2003	14.979	1.100	26.600
Temperature (deg C)	1251	04/24/1956-09/08/2003	21.524	8.700	31.000
Total Nitrogen (mg/l)	1081	03/21/1967-09/08/2003	0.616	0.000	2.800
Outflow Station(s)					
Calcium (mg/l)	176	11/19/1968-01/10/2001	48.843	1.000	299.000
Depth (m)	20	01/20/1999-10/01/2002	6.990	0.500	83.000
Flow (cfs)	24421	10/01/1968-09/30/2002	677.416	0.000	9,560.000
Gage Height (feet)	12615	10/01/1969-09/30/2003	9.125	0.000	2,740.000
pH	406	03/21/1967-10/01/2002	68.877	5.660	595.000
Phosphate (PO4-mg/l)	87	03/21/1967-03/20/1989	0.162	0.000	1.110
Phosphorus (ug/l)	353	11/19/1968-12/18/2002	45.391	0.000	400.000
Stage (feet)	70	05/18/1969-07/19/1977	9.149	2.480	18.030
Temperature (deg C)	383	03/22/1967-10/01/2002	22.668	8.700	33.000
Total Nitrogen (mg/l)	296	03/21/1967-10/01/2002	0.613	0.000	1.960
Interior Station(s)					
Calcium (mg/l)	221	08/17/1970-09/26/1990	61.387	12.000	373.000
pH	322	08/17/1970-09/26/1990	78.631	6.200	625.000
Phosphate (PO4-mg/l)	55	08/17/1970-03/20/1989	0.184	0.080	1.700
Phosphorus (ug/l)	439	06/12/1973-12/18/2002	49.604	0.970	540.000
Temperature (deg C)	275	08/17/1970-09/26/1990	22.248	10.900	30.070
Total Nitrogen (mg/l)	205	02/03/1982-09/26/1990	0.649	0.010	5.400

4.29 ST. JOHNS MARSH CONSERVATION AREA

The St. Johns Marsh Conservation Area is located in Brevard County near the headwaters of the St. Johns River. In the past, this conservation area has also been known as the Brevard County Stick Marsh. The conservation area consists of a mixture of open water and wetland areas with a total surface area of approximately 23,200 acres.

A map of the monitoring stations at this site is included as Figure 4-25. The data available at these stations are summarized in Table 4-32 for selected monitoring parameters. As shown in Table 4-32, the SJRWMD has been conducting a thorough monitoring program at this conservation area. There are about 6.5 years of daily inflow volume data and 63 years of daily outflow data available for this area. Also, inflow, outflow and interior phosphorous concentrations have been monitored monthly for periods of seven, seven and six years, respectively. This conservation area appears to have a high potential for use as a calibration data set and is rated Good for this purpose.

The other types of information that have been collected for the St. Johns Marsh Conservation Area include

- Morphometry
- Structure locations
- Climatic data such as precipitation and pan evaporation

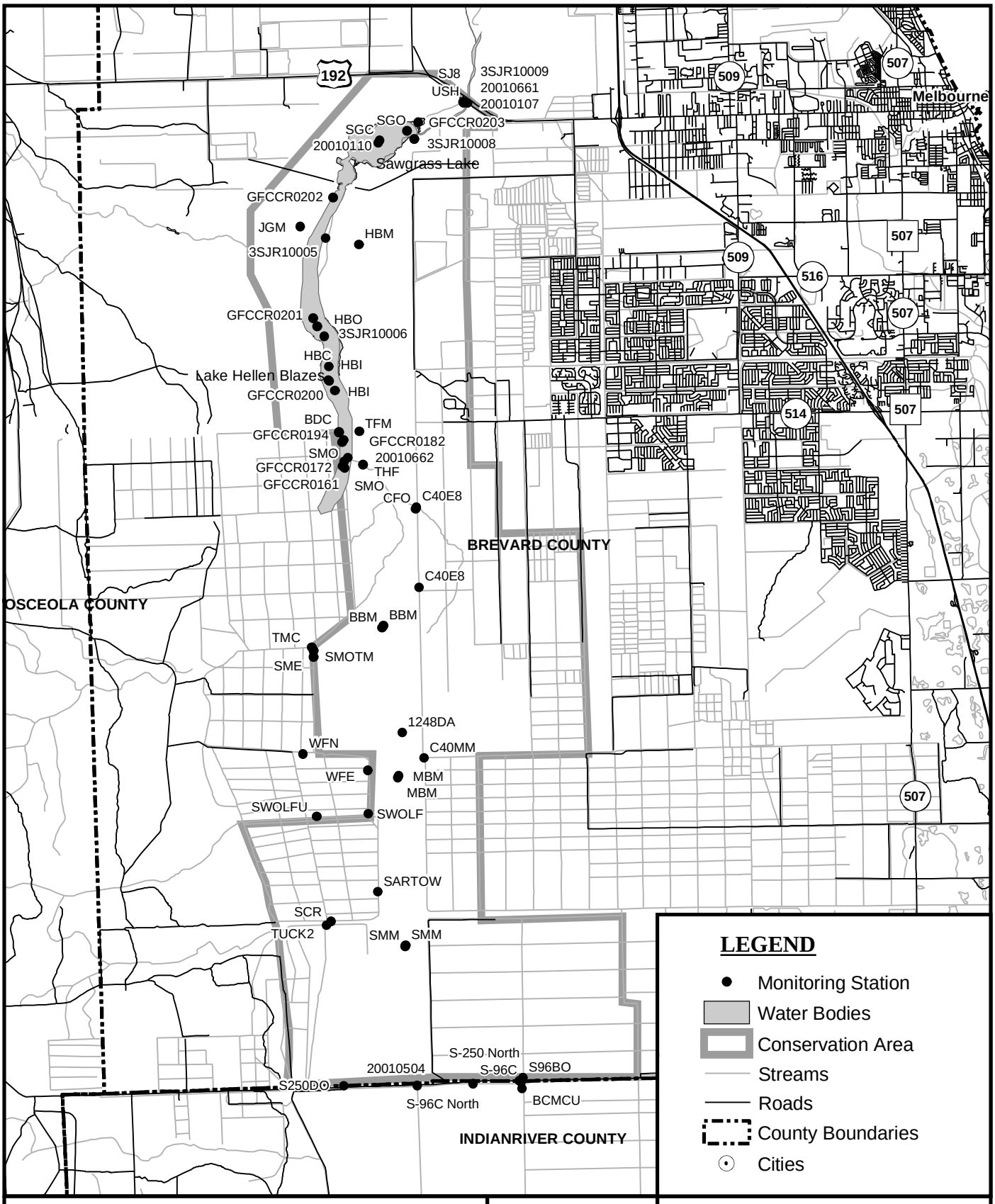

Figure 4-25

ST. JOHNS MARSH CONSERVATION AREA MONITORING STATIONS

Table 4-32: St. Johns Marsh Conservation Area Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Calcium (mg/l)	81	09/12/1996-08/07/2003	19.337	8.490	54.784
Depth (m)	73	09/12/1996-08/07/2003	3.141	0.580	4.190
Flow (cfs)	2391	01/01/1997-09/08/2003	216.791	0.000	1,820.000
pH	80	09/12/1996-08/07/2003	6.696	3.870	8.290
Phosphate (PO4-mg/l)	80	11/12/1996-08/07/2003	0.058	0.020	0.261
Phosphorus (ug/l)	81	09/12/1996-08/07/2003	111.642	40.000	443.000
Phosphorus-Dis (ug/l)	1	09/12/1996-09/12/1996	102.000	102.000	102.000
Stage (feet)	4815	01/01/1997-09/08/2003	20.567	18.330	24.220
Temperature (deg C)	81	09/12/1996-08/07/2003	24.653	12.970	32.100
Total Nitrogen (mg/l)	82	09/12/1996-08/07/2003	1.455	0.700	5.590
Outflow Station(s)					
Calcium (mg/l)	712	10/09/1973-07/15/2003	48.819	3.000	255.000
Depth (m)	244	11/19/1980-07/15/2003	1.468	0.300	5.000
Flow (cfs)	40908	10/01/1939-09/30/2002	475.318	-118.000	18,000.000
Gage Height (feet)	41251	11/08/1939-09/30/2003	3.872	-1.230	10.720
pH	1169	10/09/1973-07/15/2003	198.945	1.000	1,700.000
Phosphate (PO4-mg/l)	708	10/09/1973-07/15/2003	0.260	0.000	2.400
Phosphorus (ug/l)	375	12/04/1979-07/15/2003	141.379	5.000	935.000
Phosphorus-Dis (ug/l)	65	11/12/1981-10/09/1996	164.938	20.000	577.000
Temperature (deg C)	804	10/09/1973-07/15/2003	23.242	9.000	34.000
Total Nitrogen (mg/l)	416	02/12/1980-07/15/2003	54.169	0.260	19,300.000
Interior Station(s)					
Calcium (mg/l)	288	11/19/1980-07/10/2003	344.768	0.000	88,888.000
Depth (m)	199	03/02/1989-07/10/2003	1.532	0.100	5.180
pH	348	11/19/1980-07/10/2003	6.666	5.800	9.400
Phosphate (PO4-mg/l)	214	01/05/1989-07/10/2003	0.103	0.005	0.684
Phosphorus (ug/l)	346	05/09/1973-07/10/2003	192.216	4.800	4,770.000
Phosphorus-Dis (ug/l)	46	05/19/1992-07/16/1996	154.217	29.000	424.000
Stage (feet)	1	03/18/1991-03/18/1991	15.200	15.200	15.200
Temperature (deg C)	355	11/19/1980-07/10/2003	23.325	9.910	32.700
Total Nitrogen (mg/l)	396	05/09/1973-07/10/2003	2.755	0.500	138.720
Exterior-US Station(s)					
Calcium (mg/l)	108	10/09/1973-04/09/1990	75.828	16.700	216.200
pH	198	10/09/1973-04/09/1990	310.678	6.000	2,300.000
Phosphate (PO4-mg/l)	91	10/09/1973-02/26/1990	0.267	0.050	1.260
Phosphorus (ug/l)	23	12/04/1979-08/01/1985	51.565	10.000	160.000
Temperature (deg C)	111	10/09/1973-04/09/1990	23.425	10.500	34.000
Total Nitrogen (mg/l)	16	02/12/1980-08/01/1985	0.750	0.390	1.420

Table 4-32: St. Johns Marsh Conservation Area Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Exterior-DS Station(s)					
Calcium (mg/l)	445	10/09/1973-05/04/1998	641.164	1.000	88,888.000
Flow (cfs)	1	02/01/1983-02/01/1983	36.000	36.000	36.000
pH	695	03/05/1968-05/04/1998	91.272	5.100	1,500.000
Phosphate (PO4-mg/l)	114	05/19/1970-02/26/1990	0.260	0.050	0.830
Phosphorus (ug/l)	432	11/18/1975-05/04/1998	148.998	0.000	763.000
Temperature (deg C)	601	10/09/1968-05/04/1998	22.790	7.000	78.000
Total Nitrogen (mg/l)	394	02/12/1980-05/04/1998	1.742	0.250	11.300

4.30 ST. JOHNS WATER MANAGEMENT AREA

The St. Johns Water Management Area is located in northern Indian River County within the Blue Cypress Conservation Area. This WMA has a surface area of approximately 6,500 acres.

The locations of the monitoring stations within the St. Johns WMA were shown previously on Figure 4-1. The data available at these monitoring stations are summarized in Table 4-33 for selected monitoring parameters. At this site, seven years of outflow volume data have been located but no similar data for inflow volumes. There are also two years of weekly sample data for phosphorus concentrations in the inflow plus seven years of weekly phosphorus data for the outflow and interior of this WMA. Seven years worth of weekly stage data are also available. This candidate site is rated only Fair as a potential calibration data set because it lacks records of inflow volumes.

The other types of information that have been collected for the St. Johns WMA include

- Morphometry
- Structure locations
- Climatic data such as precipitation and pan evaporation

Table 4-33: St. Johns Water Management Area Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Calcium (mg/l)	65	10/09/1991-06/01/1998	64.855	0.000	97.000
pH	79	10/09/1991-06/01/1998	7.342	6.300	8.230
Phosphorus (ug/l)	80	06/04/1992-06/01/1998	91.400	7.000	996.000
Stage (feet)	2442	01/01/1997-09/08/2003	22.110	18.290	24.870
Temperature (deg C)	81	10/09/1991-06/01/1998	24.251	14.720	31.480
Total Nitrogen (mg/l)	81	10/09/1991-06/01/1998	1.566	0.290	3.610
Outflow Station(s)					
Calcium (mg/l)	300	03/18/1991-08/07/2003	64.225	16.000	111.200
Depth (m)	308	03/18/1991-08/07/2003	3.525	0.200	8.880
Flow (cfs)	2203	01/01/1997-09/08/2003	166.335	0.000	1,546.000
pH	319	01/24/1991-08/07/2003	7.367	5.620	8.740
Phosphate (PO4-mg/l)	318	01/24/1991-08/07/2003	0.053	0.005	0.364
Phosphorus (ug/l)	317	01/24/1991-08/07/2003	124.291	6.000	554.000
Phosphorus-Dis (ug/l)	21	08/12/1992-09/12/1996	188.381	81.000	440.000
Stage (feet)	2402	01/01/1997-09/08/2003	22.055	18.370	24.850
Temperature (deg C)	320	01/24/1991-08/07/2003	24.355	11.210	33.940
Total Nitrogen (mg/l)	341	01/24/1991-08/07/2003	2.225	0.750	5.860
Interior Station(s)					
Calcium (mg/l)	619	07/08/1987-08/07/2003	210.208	-0.013	88,888.000
Depth (m)	581	07/08/1987-08/07/2003	2.288	0.500	7.100
pH	682	07/08/1987-08/07/2003	43.530	3.140	1,000.000
Phosphate (PO4-mg/l)	644	07/08/1987-08/07/2003	0.160	0.001	3.050
Phosphorus (ug/l)	617	07/08/1987-08/07/2003	137.016	-2.000	2,248.000
Phosphorus-Dis (ug/l)	48	05/20/1992-09/12/1996	201.667	48.000	829.000
Temperature (deg C)	661	07/08/1987-08/07/2003	23.799	9.390	33.500
Total Nitrogen (mg/l)	666	07/08/1987-08/07/2003	2.199	0.220	11.540
Exterior-US Station(s)					
Calcium (mg/l)	23	11/15/1979-09/13/1990	43.054	10.000	129.000
pH	40	11/15/1979-09/13/1990	6.830	6.200	7.500
Phosphorus (ug/l)	43	11/15/1979-09/13/1990	95.465	16.000	433.000
Temperature (deg C)	46	11/15/1979-09/13/1990	23.798	12.000	32.000
Total Nitrogen (mg/l)	13	02/05/1980-09/13/1990	1.928	0.910	5.930
Exterior-DS Station(s)					
pH	9	11/18/1975-07/24/1984	6.900	6.100	8.100
Phosphorus (ug/l)	12	11/18/1975-07/13/1987	90.000	20.000	190.000
Temperature (deg C)	9	01/20/1976-07/13/1987	23.256	13.000	29.400
Total Nitrogen (mg/l)	6	06/10/1976-07/13/1987	1.573	1.150	2.160

4.31 SUNNYHILL FARM

Sunnyhill Farm is located in Marion County north of Lake Griffin. This area, which is within the SJRWMD, is similar to the Emeralda Marsh Conservation Area in that it consists of former farmland that is being converted into wetland marshes. The Sunnyhill Farm area contains approximately 4,500 acres.

The monitoring stations located in the Sunnyhill Farm area are shown on Figure 4-26. The data available at these stations are summarized in Table 4-34 for selected monitoring parameters. Review of Table 4-33 shows there are no data on inflow or outflow volumes available at this site. This area is managed as a marsh or wetland area and does not have a significant volume of flow through it. Generally, water is pumped into or released from this area only to adjust water levels in the marsh areas. For phosphorus concentrations, there are nine years each of monthly data for the inflow, interior and outflow from this marsh area. Water stages in the management units at Sunnyhill Farm have been monitored continuously for about 14 years with daily data available. Average water depths at Sunnyhill Farm are only about 2.1 feet, which is less than the required minimum of 3 feet. This candidate site is rated Poor as a potential calibration data site.

The other types of information that have been collected for Sunny Hill Farm include

- Morphometry
- Structure locations
- Vegetation data on dominant species, species composition and plant zonation
- Data on antecedent conditions and flooded soil characteristics
- Climatic data such as precipitation and pan evaporation

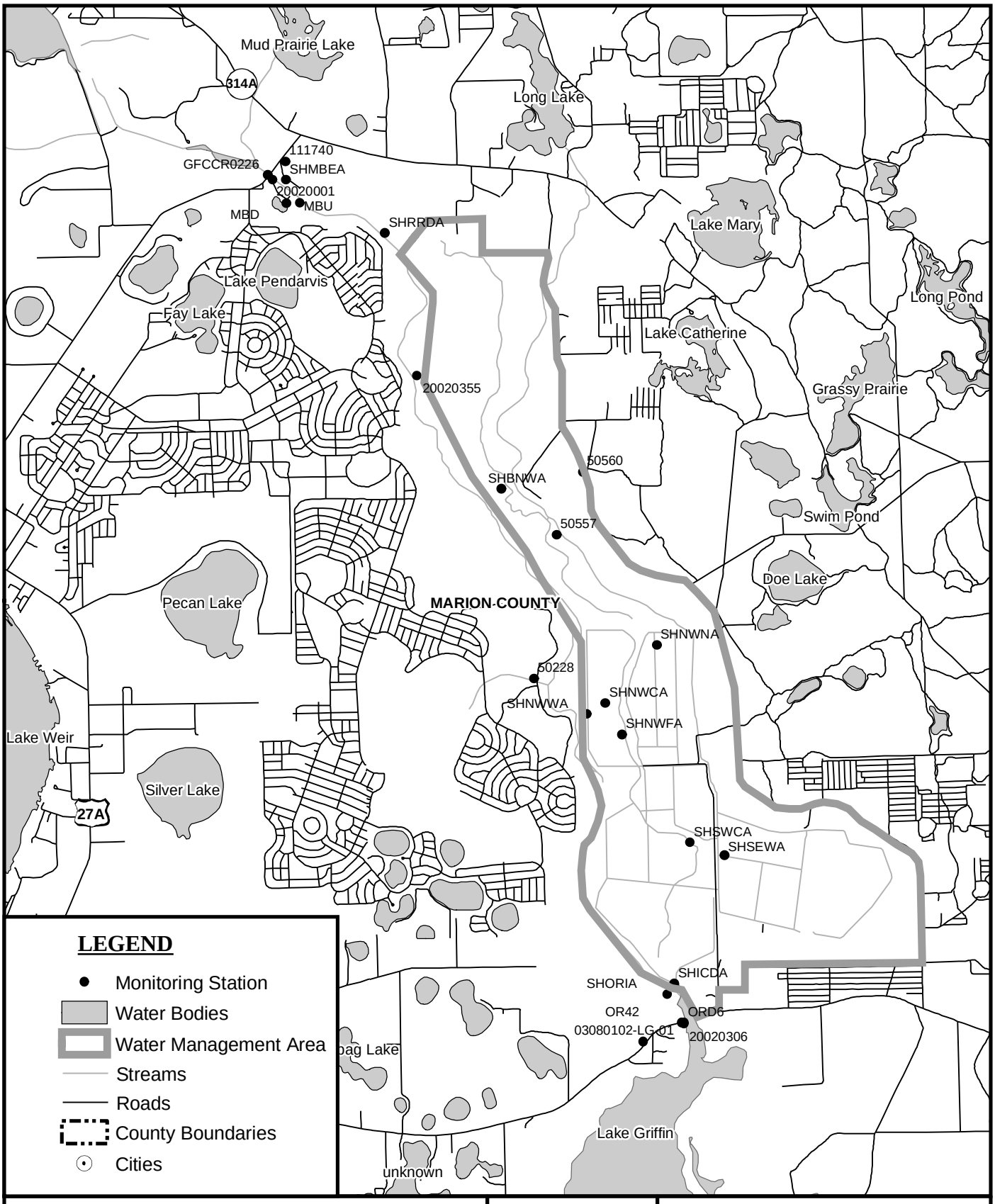

Figure 4-26

SUNNYHILL FARM
MONITORING STATIONS

Table 4-34: Sunnyhill Farm Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Calcium (mg/l)	18	04/19/1994-09/16/2003	34.366	18.690	46.000
Depth (m)	215	12/11/1990-12/11/2003	0.913	0.200	1.200
Elevation (feet)	2810	09/04/1992-12/04/2002	57.238	0.000	59.790
pH	161	04/24/1989-12/11/2003	7.545	6.000	9.400
Phosphate (PO4-mg/l)	2	04/24/1989-06/27/1989	0.011	0.005	0.017
Phosphorus (ug/l)	165	04/24/1989-12/11/2003	85.129	22.000	538.000
Phosphorus-Dis (ug/l)	163	06/27/1989-12/11/2003	12.310	-21.000	68.000
Temperature (deg C)	245	04/24/1989-12/11/2003	23.146	9.400	35.000
Total Nitrogen (mg/l)	328	04/24/1989-12/11/2003	2.621	0.600	7.050
Outflow Station(s)					
Calcium (mg/l)	103	06/09/1981-12/11/2003	30.396	12.000	67.000
Depth (m)	248	11/12/1981-12/11/2003	1.549	0.210	5.200
Elevation (feet)	4170	10/01/1992-03/01/2004	40.038	0.000	45.320
pH	300	06/10/1982-12/11/2003	6.735	0.000	8.570
Phosphate (PO4-mg/l)	100	06/09/1981-12/11/2003	0.028	-0.003	0.157
Phosphorus (ug/l)	307	06/09/1981-12/11/2003	158.864	23.000	684.000
Phosphorus-Dis (ug/l)	196	06/10/1982-12/11/2003	156.466	-7.000	626.000
Stage (feet)	13	12/07/2000-08/18/2003	52.934	6.000	59.040
Temperature (deg C)	313	06/09/1981-12/11/2003	22.429	11.200	32.500
Total Nitrogen (mg/l)	491	03/05/1984-12/11/2003	2.646	0.001	7.390
Interior Station(s)					
Calcium (mg/l)	85	12/17/1982-09/16/2003	24.887	0.650	56.660
Depth (m)	675	12/11/1990-12/11/2003	0.662	0.010	2.200
Elevation (feet)	26474	02/13/1989-03/01/2004	47.950	0.000	56.180
pH	625	04/24/1989-12/11/2003	6.423	5.070	8.770
Phosphate (PO4-mg/l)	5	12/17/1982-06/27/1989	0.035	0.008	0.130
Phosphorus (ug/l)	660	06/27/1989-12/11/2003	726.066	0.000	10,400.000
Phosphorus-Dis (ug/l)	650	06/27/1989-12/11/2003	575.044	0.000	10,700.000
Temperature (deg C)	722	12/17/1982-12/11/2003	21.405	7.800	37.000
Total Nitrogen (mg/l)	1315	12/17/1982-12/11/2003	3.338	0.610	38.634
Exterior-DS Station(s)					
Calcium (mg/l)	184	04/26/1956-12/05/2000	30.638	8.000	70.400
Depth (m)	25	02/14/1996-06/09/2003	2.425	1.500	4.700
Flow (cfs)	17214	10/01/1943-09/30/2002	242.956	0.000	2,340.000
Gage Height (feet)	25446	08/11/1967-09/30/2003	47.418	33.840	1,390.000
pH	384	04/26/1956-06/09/2003	11.175	6.000	310.000
Phosphate (PO4-mg/l)	41	03/21/1967-06/25/1984	0.225	0.040	0.830
Phosphorus (ug/l)	364	04/30/1968-06/09/2003	98.248	10.000	580.000

Table 4-34: Sunnyhill Farm Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Stage (feet)	155	04/30/1968-04/24/1984	45.747	6.900	59.200
Temperature (deg C)	466	02/28/1963-06/09/2003	22.690	8.000	32.000
Total Nitrogen (mg/l)	294	03/21/1967-06/09/2003	2.287	0.001	7.700

4.32 TAYLOR CREEK RESERVOIR

Taylor Creek Reservoir is located on the border between Osceola and Orange counties, within the SJRWMD. This is one of the few candidate sites that is a true reservoir. Taylor Creek Reservoir has a surface area of approximately 1,540 acres.

The monitoring stations within and near Taylor Creek Reservoir are shown on Figure 4-27. The data available at these stations are summarized in Table 4-35 for selected monitoring parameters. No records of inflow volume were located for this reservoir but there is a USGS gaging station downstream of the reservoir outlet that has recorded daily flow volumes for about six years. There are also about 10 years of monthly phosphorus concentration data available for this reservoir's discharge. With some additional monitoring effort, this reservoir could become a good calibration data set but there are insufficient data available at this time. This site is rated Fair as a potential calibration data set.

The other types of information that have been collected for Taylor Creek Reservoir include

- Morphometry
- Structure locations
- Data on flooded soil characteristics
- Climatic data such as precipitation and pan evaporation

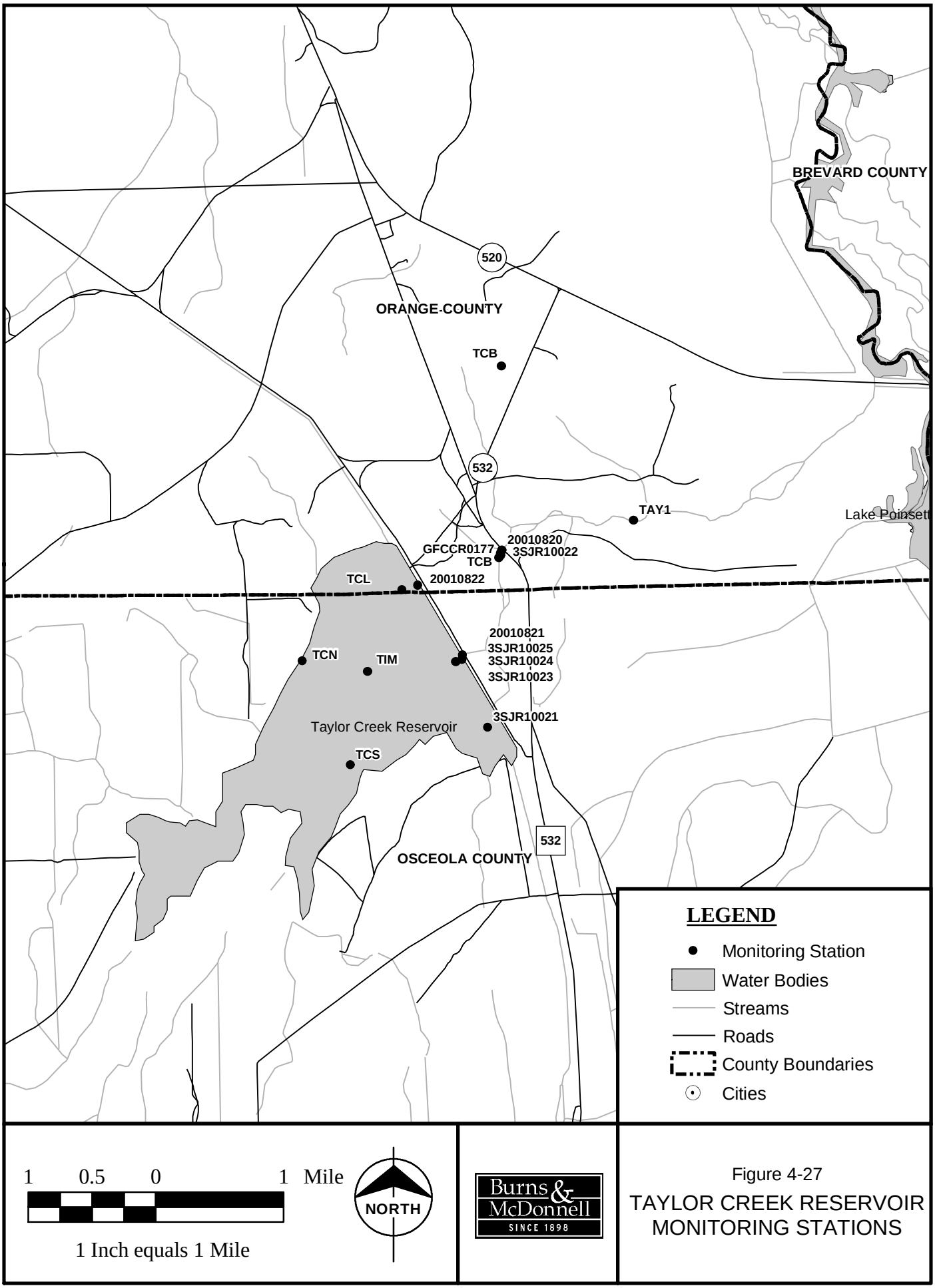

Figure 4-27

TAYLOR CREEK RESERVOIR
MONITORING STATIONS

Table 4-35: Taylor Creek Reservoir Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Calcium (mg/l)	4	11/13/1980-10/25/1993	7.225	4.700	14.000
pH	6	11/13/1980-08/20/1981	6.475	4.000	8.600
Phosphorus (ug/l)	7	11/13/1980-10/25/1993	67.286	50.000	94.000
Temperature (deg C)	6	11/13/1980-08/20/1981	25.000	16.000	31.000
Total Nitrogen (mg/l)	1	10/25/1993-10/25/1993	0.910	0.910	0.910
Outflow Station(s)					
Calcium (mg/l)	362	10/09/1973-07/07/2003	14.661	0.000	119.000
Depth (m)	36	11/23/1993-04/23/2003	0.998	0.300	3.000
Flow (cfs)	2085	01/15/1997-09/30/2002	55.830	0.000	1,110.000
Gage Height (feet)	2047	01/15/1997-09/30/2002	17.429	15.150	22.370
pH	445	10/09/1973-07/07/2003	39.765	3.400	1,300.000
Phosphate (PO4-mg/l)	204	10/09/1973-07/07/2003	0.140	0.001	0.590
Phosphorus (ug/l)	265	09/23/1981-07/07/2003	88.358	1.000	760.000
Phosphorus-Dis (ug/l)	38	09/23/1993-10/07/1996	52.289	1.000	150.000
Temperature (deg C)	353	10/09/1973-07/07/2003	23.039	0.000	32.000
Total Nitrogen (mg/l)	303	09/23/1981-07/07/2003	0.983	0.081	3.810
Interior Station(s)					
Calcium (mg/l)	10	11/13/1980-04/23/2003	8.290	5.100	30.000
Depth (m)	2	02/19/2003-04/23/2003	0.450	0.300	0.600
pH	11	11/13/1980-04/23/2003	6.764	5.900	8.900
Phosphorus (ug/l)	10	11/13/1980-09/04/1990	61.200	47.000	94.000
Temperature (deg C)	12	11/13/1980-04/23/2003	24.120	17.000	29.900
Total Nitrogen (mg/l)	1	09/04/1990-09/04/1990	3.140	3.140	3.140

4.33 TSALA APOPKA

Tsala Apopka is a large natural lake located in Citrus County near Inverness, Florida. The location of this lake and the monitoring points within this lake are shown on Figure 4-28. Table 4-36 is a summary of the data available at these stations for selected parameters. No records of inflow volumes have been located for this lake but there are about 34 years of daily discharge data available. The phosphorus concentrations in the lake's inflow, outflow and interior have all been monitored monthly for two years. There are also 16 years worth of daily stage data available for Tsala Apopka Lake. Because it lacks inflow volume data and has only two years of phosphorus concentration data, this site is rated only Fair for its potential use as a calibration data set.

The other types of information that have been collected for Tsala Apopka Lake include

- Morphometry
- As built drawings
- Structure locations
- Design data
- Vegetation data on dominant species, species composition, plant zonation and plant biomass
- Maintenance cost data
- Climatic data such as precipitation and pan evaporation

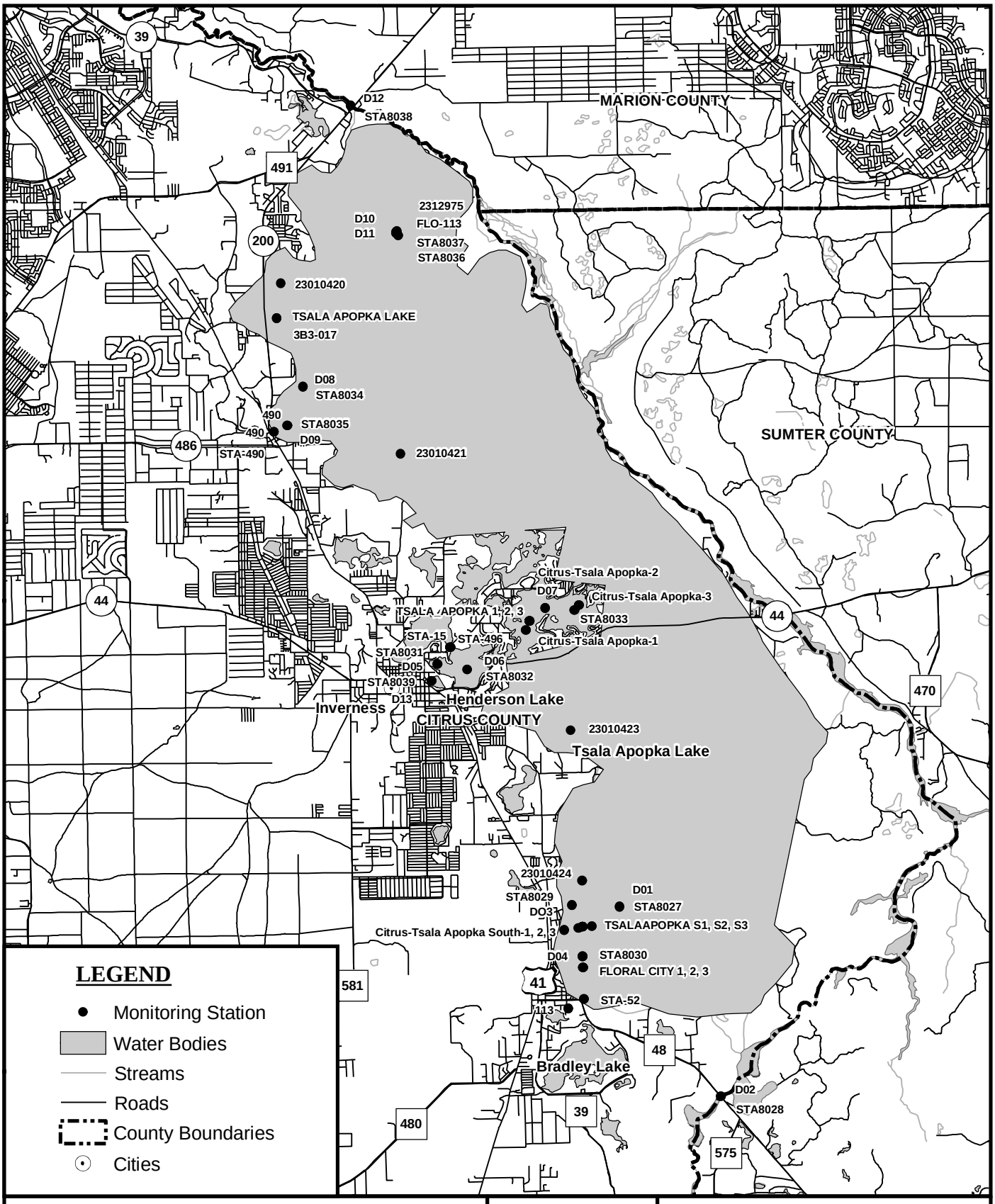

Figure 4-28
TSALA APOPKA
MONITORING STATIONS

Table 4-36: Tsala Apopka Data Summary

Parameter	No. Samples	Period of Record	Average	Minimum	Maximum
Inflow Station(s)					
Calcium (mg/l)	144	06/29/1987-05/08/1989	21.587	3.800	43.600
pH	150	06/29/1987-05/08/1989	7.419	6.550	8.900
Phosphorus (ug/l)	138	06/29/1987-05/08/1989	22.087	10.000	206.000
Temperature (deg C)	150	06/29/1987-05/08/1989	23.947	13.800	34.000
Outflow Station(s)					
Calcium (mg/l)	153	06/29/1987-05/08/1989	37.395	10.800	99.000
Flow (cfs)	24972	07/25/1968-09/30/2002	14.615	0.000	410.000
pH	176	10/05/1971-05/08/1989	7.042	5.630	8.780
Phosphorus (ug/l)	253	06/18/1974-12/02/1998	38.059	10.000	237.000
Temperature (deg C)	178	10/05/1971-05/08/1989	23.739	13.400	33.000
Total Nitrogen (mg/l)	102	11/20/1995-12/02/1998	0.953	0.580	1.620
Interior Station(s)					
Calcium (mg/l)	49	10/30/1973-07/02/1980	21.337	11.000	32.000
Elevation (feet)	20801	10/22/1981-11/20/2003	36.134	0.000	42.530
pH	132	10/05/1971-01/06/1982	7.603	6.500	9.300
Phosphorus (ug/l)	357	10/30/1973-12/21/1998	42.250	0.920	400.000
Temperature (deg C)	163	10/05/1971-12/10/1984	24.710	0.280	32.200
Total Nitrogen (mg/l)	254	08/08/1977-12/21/1998	1.049	0.200	12.140

5 SUMMARY AND CONCLUSIONS

5 SUMMARY AND CONCLUSIONS

A summary of the work completed in Task 2 is presented in the following paragraphs along with the conclusions reached during performance of this study task.

5.1 CANDIDATE DATA SITES

Through contacts with the three water management districts (SFWMD, SJRWMD and SWFWMD) and other data holders, 36 water bodies were identified as candidate data sites. The types of data that have been collected for each of these candidate data sites are summarized in Table 5-1. This table includes columns for each of the major data classes plus individual columns for the more significant types of water quality parameters. The presence of an "X" in any particular column indicates that some data of this type are available for that particular lake but not the number of data points or period of record.

5.2 CANDIDATE DATA SITE RATINGS

In order to be useful as a calibration data set, a water body must possess certain types of data. These minimum characteristics are discussed in the following paragraphs.

5.2.1 Inflow and Outflow Water Volumes

Of vital importance for a calibration data set is the need to have a good water balance (that is, records of inflow, outflow, direct precipitation, evapotranspiration, seepage and changes in storage) for the respective calibration period. A minimum period of record of one year is required for water volumes and all other data parameters. While it is best to have data on all of the water balance components listed above, one missing parameter can generally be estimated from the other five. In order to be considered adequate, inflow and outflow volume (flow rate) records must be based on continuous monitoring, with

Table 5-1: Data Inventory Summary for Candidate Data Sites

			Non-Time Series Available Physical Data							Time Series Hydraulic Data			Time Series Water Quality Data														Non-Time Series Biological Data				Non-Time Series Hydraulic - Hydrologic Data					Time Series Atmospheric Data			Cost	
Lake/Reservoir Name	Water Management District	County	Location	Morphometry	Geometry	As-Built Dwgs	Structure Locations	Design Data	Seepage	Water Levels	Inflow/Outflow Rates	Pumping Data	Water Depth	Alkalinity	Ca	Cl	DO	Fe	K	N	P	pH	S	Specific Cond	Temp	Turbidity	Trace Metals	Pesticides	Herbicides	Dominant Species	Species Composition	Plant Zonation	Plant Biomass	Residence Time	Res. Time Distribution (Hydraulic Eff.)	Volumetric Efficiency	Antecedent Condition	Flooded Soils	Precip.	Air Temp	Pan Evaporation	Capital Oper. Cost	Maint. Costs
Blue Cypress WMA-East	SJ	Indian River	X	X	X		X		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X				X	X	X	X				X	X	X	X			
Blue Cypress WMA-West	SJ	Indian River	X	X	X		X		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X				X	X	X	X				X	X	X	X			
Bonnet Lake	S	Highlands	X	X		X				X	X			X	X	X	X		X	X	X	X	X	X	X	X				X	X	X	X				X		X				
Caloosahatchee River	S	Lee	X			X					X			X	X	X	X	X	X	X	X	X	X	X	X	X		X	X								X	X	X				
Crescent Lake	SJ	Flagler	X								X		X	X		X	X			X	X	X		X	X					X	X	X							X		X				
Emeralda Marsh Cons Area	SJ	Lake	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X					X	X	X		X				
FP&L Martin County Res	S	Martin	X											X		X	X			X	X	X		X	X	X	X												X		X				
Kenansville Lake	SJ	Indian River	X										X	X		X	X	X	X	X	X	X		X	X	X	X												X		X				
Keystone Lake	SW	Hillsborough	X	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X						X	X	X				
Lake Calm	SW	Hillsborough	X	X	X					X	X		X		X	X	X	X	X	X	X	X	X	X	X	X	X												X		X				
Lake Carroll	SW	Hillsborough	X	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X						X	X	X				
Lake Disston	SJ	Flagler	X								X		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X								X		X				
Lake George	SJ	Volusia	X								X		X	X	X		X	X	X	X	X	X		X	X	X	X			X	X								X	X	X				
Lake Harney	SJ	Seminole	X	X	X						X		X		X			X		X	X			X	X	X				X	X			X					X		X				
Lake Howard	SW	Polk	X											X	X		X	X		X	X	X		X	X	X				X	X								X		X				
Lake Istokpoga	S	Highlands	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X						X	X	X		X		
Lake Jessup	SJ	Seminole	X	X	X				X		X		X	X	X	X	X	X	X	X	X	X		X	X	X				X	X			X				X	X	X	X			
Lake Josephine	S	Highlands	X	X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X						X	X	X		X		
Lake Magdalene	SW	Hillsborough	X	X	X	X	X	X		X	X		X		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X						X	X	X				
Lake Monroe	SJ	Volusia	X	X	X						X		X	X	X	X	X	X		X	X	X		X	X	X	X				X			X					X	X	X				
Lake Norris	SJ	Lake	X								X		X	X	X	X	X	X		X	X	X		X	X	X	X				X								X	X	X				
Lake Panasoffkee	SW	Sumter	X		X					X	X			X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X						X	X	X	X			
Lake Parker	SW	Polk	X	X	X	X	X	X		X	X			X	X	X	X	X	X	X	X	X	X	X	X	X													X		X		X		
Lake Sebring	S	Highlands	X	X							X			X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X						X		X				
Lake Seminole	SW	Pinellas	X	X	X	X	X	X		X	X		X		X	X	X	X	X	X	X	X	X	X	X	X				X	X	X		X			X		X	X	X				
Lake Thonotosassa	SW	Hillsborough	X	X	X	X	X	X		X	X		X		X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X							X	X	X				
Lake Trafford	S	Collier	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X												X		X	X	X		
Lake Washington	SJ	Brevard	X	X	X						X			X	X	X	X	X	X	X	X	X		X	X	X				X	X	X						X	X	X				
Medard Park	SW	Hillsborough	X	X	X	X	X	X		X	X		X				X	X		X	X	X	X		X	X	X	X	X										X		X				
Red Beach Lake	S	Highlands	X	X											X	X		X	X	X	X	X	X	X	X	X				X	X	X	X						X		X				
Rodman Reservoir	SJ	Putnum	X	X			X	X		X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X			X	X	X	X					X	X	X	X		X	
St. Johns Marsh CA	SJ	Brevard	X	X			X			X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X												X	X	X				
St. Johns WMA	SJ	Indian River	X	X			X			X	X		X	X	X	X	X	X	X	X	X	X		X	X	X	X												X	X	X				
Sunny Hill Farm	SJ	Marion	X	X			X				X		X	X	X	X	X	X	X	X	X	X		X	X	X				X	X	X					X	X	X	X	X			
Taylor Creek Reservoir	SJ	Osceola	X	X			X				X		X	X	X	X	X	X	X	X	X	X		X	X	X	X											X	X	X	X	X			
Tsala Apopka	SW	Citrus	X	X		X	X	X		X	X		X	X	X		X		X	X	X									X	X	X	X						X		X			X	

daily records preferred. In select instances, weekly flow records may be considered good enough but not those with a less frequent sampling interval.

5.2.2 Inflow and Outflow Phosphorus Concentrations

As with flow volumes, it is required that each calibration data set include good records of inflow and outflow phosphorus concentrations so that a phosphorus balance can be developed. Inflow phosphorus concentrations must be sampled with a frequency sufficient to be representative of all phosphorus inflow to the water body. Outflow phosphorus concentrations are important for use as calibration targets but can be less frequent if necessary.

It is not possible to monitor phosphorus concentrations continuously as it is for flow, temperature, precipitation and some other parameters. For phosphorus, a water sample must be collected and then sent to a laboratory for analysis. Because of the effort involved, phosphorus concentration data are generally not available with short sampling intervals. In a few cases, there are some examples of lakes with short periods of weekly phosphorus sample data but biweekly (every two weeks) or semimonthly (twice a month) data are generally the most frequent available. At many lakes, monthly or even less frequent water quality data are all that are available. For the purposes of the site ratings, semimonthly (or more frequent) inflow phosphorus concentration data are considered to be good records. Where only monthly data on phosphorus inflow concentrations are available, this is considered to be marginal but adequate. Phosphorus and other water quality data sampled less frequently than monthly are not considered to be relevant to this study unless they overlap (supplement) other similar data that are sampled more frequently.

5.2.3 Stage Data

Stage data are another important type of data for each candidate data site. Daily data are preferred but data as infrequent as monthly are still considered to be adequate though marginal. Water depth, elevation or stage readings less frequent than monthly are not considered to be very useful for this study.

The maximum design depth and normal range in operating depths for the proposed EAA storage reservoir are not yet known; however, it is expected that water levels in this reservoir will be generally deeper than a typical wetland or marsh area, such as the stormwater treatment areas. For this reason, the District

recommended that three feet be considered the minimum acceptable average water depth for a calibration data set. Based on the data available, only 2 of the 36 candidate data sites, Blue Cypress WMA-East and Sunnyhill Farm, failed to meet this standard.

5.2.4 Stage-Volume Data

The final required data type is stage-volume data for each water body. These data allow investigators to estimate the storage volume of a lake or reservoir from recorded stage data.

5.2.5 Site Rating Summary

Table 5-2 is a summary of the important data characteristics for each of the candidate water bodies. Based on these characteristics, a relative rating of good, fair or poor was assigned to each water body. These ratings can be used to decide which water bodies to focus analysis efforts on in Task 3.

5.3 CONCLUSIONS

Based on review of the data available for the 36 candidate data sites, it was concluded that 8 sites have the best potential for use as calibration data sets (Good rating) given the electronic data now available. In addition, there are ten candidate data sites with a fair potential for use as calibration data sets (Fair rating). These 13 candidate sites generally lack only one required element to make them acceptable for further consideration in Task 3. Should these missing data be discovered later, perhaps available only in paper format, these candidates may be worthy of additional consideration. The remaining 15 candidate sites are missing more than one critical data type and appear to have little potential for use as calibration data sets unless additional data sources are discovered. The candidate site ratings are summarized in Table 5-3.

Table 5-2: Candidate Site Data Summary and Ratings

Candidate Data Site		Required Characteristics													Desired Characteristics				Overall Rating
		Flow Volumes				Total Phosphorus Concentrations				Regular Stage/ Elevation Data		Average Depth (feet)		Stage-Volume Data	Interior TP Concentrations		Experiences Dry Out	Residence Time > 3 days	
		Daily Inflow		Regular Outflow		Regular Inflow		Regular Outflow											
Name	Type[1]	Yes/No[2]	POR[3]	Yes/No	POR	Yes/No	POR	Yes/No	POR	Yes/No	POR	> 3	Est.		Yes/No	POR			
Blue Cypress WMA-East	MMR	●	7	●	5	○		○		●	7	○	2.7	●	●	12	N/A4	N/A	Fair
Blue Cypress WMA-West	MMR	●	7	●	7	○		○		●	7	●	3.6	●	●	12	N/A	N/A	Fair
Bonnet Lake	NL	○		●	6	●	4	●	4	●	20	●	8	●	●	4	N/A	N/A	Fair
Caloosahatchee River	River	●	31	●	36	●	3	●	3	●	3	●	3.8	○	●	4	N/A	N/A	Fair
Crescent Lake	NL	●	50	●	17	●	6	●	6	○		●	11.5	○	●	2.5	N/A	N/A	Good
Emeralda Marsh Cons. Area	MMR	○		●	6	●	9	●	10	●	10	●	3.9	●	●	10	N/A	N/A	Fair
FP&L Martin Co. Reservoir	MMR	○		○		○		○		○		○		○	○		N/A	N/A	Poor
Kenansville Lake	MMR	○		○		○		●	1	●	7	●	5.4	○	●	7	N/A	N/A	Poor
Keystone Lake	NL	○		○		○		●	13	●	6	●	9	●	○		N/A	N/A	Poor
Lake Calm	NL	○		○		○		○		●	18	●	12	●	○		N/A	N/A	Poor
Lake Carroll	NL	○		○		○		○		●	40	●	8	●	●	10	N/A	N/A	Poor
Lake Disston	NL	○		●	51	○		○		○		●	13.5	○	●	10	N/A	N/A	Poor
Lake George	NL	●	8	○		●	8	●	10	○		●	14	○	●	3	N/A	N/A	Good
Lake Harney	NL	●	20	○		●	11	●	2	●	60	●	9	●	●	5	N/A	N/A	Good
Lake Howard	MMR	○		○		○		○		●	46	●	11	○	○		N/A	N/A	Poor
Lake Istokpoga	NL	●	53	●	30	○		●	4	●	25	●	4.7	●	●	2	N/A	N/A	Good
Lake Jessup	NL	●	20	●	8	●	7	●	7	●	7	●	5.8	●	●	8	N/A	N/A	Good
Lake Josephine	NL	○		●	53	●	6	●	6	●	11	●	4.2	○	●	6	N/A	N/A	Fair
Lake Magdalene	NL	○		●	12	○		○		●	13	●	8	●	●	12	N/A	N/A	Poor
Lake Monroe	NL	○		●	10	●	7	●	2	●	11	●	7	●	●	7	N/A	N/A	Fair
Lake Norris	NL	○		●	21	●	1	○		○		●	9	○	●	1	N/A	N/A	Poor
Lake Panasoffkee	NL	●	20	●	41	○		●	2.5	○		●	4	●	○		N/A	N/A	Fair
Lake Parker	NL	○		●	3	○		○		●	3	●	7	●	○		N/A	N/A	Poor
Lake Sebring	NL	○		●	25	○		○		●	13	●	6	○	○		N/A	N/A	Poor
Lake Seminole	MMR	○		●	20	●	6	●	6	●	34	●	9+	●	●	8	N/A	N/A	Fair
Lake Thonotosassa	NL	●	22	●	22	●	2.5	●	31	●	22	●	8	●	●	31	N/A	N/A	Good
Lake Trafford	NL	○		○		○		○		○		●	7	●	○		N/A	N/A	Poor
Lake Washington	NL	●	63	○		●	8	●	8	●	9	●	5.5	●	●	9	N/A	N/A	Fair
Medard Park	MMR	○		○		○		○		●	23	●	8	●	○		N/A	N/A	Poor
Red Beach Lake	NL	○		○		○		○		●	20	●	8	○	○		N/A	N/A	Poor
Rodman Reservoir	MMR	●	35	●	32	●	3	●	2	●	32	●	12	●	●	3	N/A	N/A	Good
St. Johns Marsh Cons. Area	MMR	●	6	●	63	●	7	●	7	●	12	●	6	○	●	6	N/A	N/A	Good
St. Johns WMA	MMR	○		●	7	●	2	●	7	●	7	●	7	○	●	7	N/A	N/A	Fair
Sunnyhill Farm	MMR	○		○		●	9	●	9	●	15	○	2.1	○	●	9	N/A	N/A	Poor
Taylor Creek Reservoir	MMR	○		●	7	○		●	10	●	7	●	3.2	●	○		N/A	N/A	Fair
Tsala Apopka Lake	NL	○		●	34	●	2	●	2	●	16	●	9	●	●	2	N/A	N/A	Fair

1. Water body type: NL=Natural lake, MMR=Man-made reservoir.
2. Yes/No: For indicated data type, is there at least one year's worth of data available with at least a monthly sampling frequency? (●=Yes, ○=No)
3. POR: Number of years of data with at least a monthly sampling frequency.
4. N/A: Not available or not yet evaluated.

Table 5-3: Candidate Site Rating Summary

Good	Fair	Poor
Crescent Lake	Blue Cypress WMA-East	FP&L Martin Co. Reservoir
Lake George	Blue Cypress WMA-West	Kenansville Lake
Lake Harney	Bonnet Lake	Keystone Lake
Lake Istokpoga	Caloosahatchee River	Lake Calm
Lake Jessup	Esmeralda Marsh CA	Lake Carroll
Lake Thonotosassa	Lake Josephine	Lake Disston
Rodman Reservoir	Lake Monroe	Lake Howard
St. Johns Marsh CA	Lake Panasoffkee	Lake Magdalene
	Lake Seminole	Lake Norris
	Lake Washington	Lake Parker
	St. Johns WMA	Lake Sebring
	Taylor Creek Reservoir	Lake Trafford
	Tsala Apopka Lake	Medard Park
		Red Beach Lake
		Sunnyhill Farm

As a result of these analyses, it is recommended that the eight candidate sites with a Good rating be evaluated further in Task 3, as these sites appear to have the most robust data. The 13 sites with a Fair rating should be evaluated only to a sufficient degree to confirm that any missing critical data is in truth not available. It is recommended that the 15 candidate sites with a Poor rating not be considered further.

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6 REFERENCES AND BIBLIOGRAPHY

This section contains a list of the references cited in this report and a bibliography of technical reports that are available for the candidate water bodies.

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Appendix A

PRELIMINARY LAKE AND RESERVOIR INVENTORY

Appendix A: Preliminary Lake and Reservoir Inventory (Sheet 1 of 19)

County	Name	Type	Area (acres)	Location		Available Data Sources			
				Lat	Long	STORET	USGS	DBHYDRO	SJRWMD
Alachua	Lake Alto	Lake	571	29.779	82.145	X			
Alachua	Lake Jeffords	Lake	160	29.548	82.091	X			
Alachua	Ledwith Lake	Lake	350	29.494	82.269				
Alachua	Little Orange Lake	Lake	621	29.578	82.056	X			
Alachua	Little Santa Fe Lake	Lake	1132	29.772	82.092	X	X		
Alachua	Lochloosa Lake	Lake	5670.6	29.519	82.128	X			
Alachua	Newnans Lake	Lake	5977.6	29.647	82.220	X			
Alachua	Orange Lake	Lake	6480	29.465	82.179	X			
Alachua	Paynes Prairie	OWFWM	4685	29.578	82.328				
Alachua	Santa Fe Lake	Lake	3986	29.741	82.074	X	X		
Alachua	Wauberg Lake	Lake	236	29.546	82.284	X			
Baker	Ocean Pond	Lake	1775	30.227	82.437	X	X		
Brevard	Buck Lake	Lake	174	28.701	80.961				
Brevard	Clark Lake	Lake	129	28.616	80.951				
Brevard	Honeymoon Lake	Lake	116	28.273	80.670				
Brevard	Jug Island Reservoir	Reservoir	505	27.983	80.807	X			
Brevard	Lake Florence	Lake	105	28.326	80.784	X			
Brevard	Lake Hellen Blazes	Lake	248	28.015	80.796	X			X
Brevard	Lake Poinsett	Lake	3844	28.339	80.832	X	X		X
Brevard	Lake Poinsett Reservoir	Reservoir	446	28.243	80.803				
Brevard	Lake Washington	Lake	2811	28.144	80.745	X	X		X
Brevard	Lake Winder	Lake	803	28.254	80.849	X			X
Brevard	Loughman Lake	Lake	522	28.632	80.935	X			
Brevard	Mary A Resvervoir	Reservoir	490	27.851	80.679	X			
Brevard	Ruth Lake	Lake	149	28.607	80.950				
Brevard	Salt Lake	Lake	370	28.651	80.909				
Brevard	Sawgrass Lake	OWFWM	474	28.073	80.779	X	X		X
Brevard	South Lake	Lake	723	28.619	80.869	X			
Brevard	St. Johns Marsh Conservation Area	mixed	23223	27.969	80.784				
Brevard	Unk. Lake 1	OWFWM	339	28.185	80.773				
Brevard	Unk. Lake 2	OWFWM	117	28.096	80.727				
Brevard	Unk. Reservoir 2	Reservoir	132	27.949	80.697				
Brevard	Unk. Reservoir 3	Reservoir	134	27.907	80.727				
Broward	Bonaventure Country Club	Reservoir	765	26.089	80.398				

Appendix A: Preliminary Lake and Reservoir Inventory (Sheet 2 of 19)

County	Name	Type	Area (acres)	Location		Available Data Sources			
				Lat	Long	STORET	USGS	DBHYDRO	SJRWMD
Broward	Mark Ham Park	Reservoir	159	26.134	80.353				
Broward	Pembroke Pines	Reservoir	242	26.022	80.297				
Broward	Unk. Reservoir 1	Reservoir	127	26.239	80.288				
Broward	Unk. Reservoir 2	Reservoir	164	26.177	80.177				
Broward	Unk. Reservoir 3	Reservoir	115	26.088	80.224		X		
Broward	Unk. Reservoir 4	Reservoir	154	25.960	80.367				
Broward	Unk. Reservoir 5	Reservoir	649	26.019	80.386				
Broward	West Lake	Lake	243	26.043	80.123				
Broward	Weston Hills Country Club	Reservoir	541	26.117	80.396				
Charlotte	<<none>>								
Citrus	Lake Rousseau	Lake	2549	29.035	82.551	X	X		
Citrus	Tsala Apopka	Lake		28.870	82.297				
Citrus	Unk. Reservoir 1	Reservoir	126	29.015	82.699				
Citrus	Unk. Reservoir 2	Reservoir	331	28.998	82.695				
Clay	Brooklyn Lake	Lake	643	29.800	82.030	X			
Clay	Crystal Lake	Lake	380	29.823	82.042	X			
Clay	Hall Lake	Lake	153	29.799	81.924	X			
Clay	Kingsley Lake	Lake	1630	29.965	82.000	X			
Clay	Lake Geneva	Lake	915	29.766	82.022	X			
Clay	Lake Johnson	Lake	101	29.824	81.939	X			
Clay	Lake Lily	Lake	107	29.738	82.024	X			
Clay	Lake Lowery	Lake	1258	29.847	82.001	X			
Clay	Magnolia Lake	Lake	208	29.824	82.018	X			
Clay	Smith Lake	Lake	371	29.800	81.950	X			
Clay	Spring Lake	Lake	115	29.819	81.987	X			
Clay	Stevens Lake	Lake	233	29.893	82.010				
Clay	Swindle Lake	Lake	235	29.812	81.975	X			
Clay	Unk. Lake 1	Lake	126	29.814	81.959	X			
Clay	Varnes Lake	Lake	301	29.890	81.964				
Clay	Whitmore Lake	Lake	144	29.900	81.978				
Collier	Lake Trafford	Lake	1485	26.423	81.493	X	X		
Collier	Unk. Reservoir 1	Reservoir	147	26.207	81.620				
Collier	Unk. Reservoir 2	Reservoir	261	26.207	81.609				
Dade	Blue Lagoon Lake	Reservoir	167	25.783	80.276	X	X		

Appendix A: Preliminary Lake and Reservoir Inventory (Sheet 3 of 19)

County	Name	Type	Area (acres)	Location		Available Data Sources			
				Lat	Long	STORET	USGS	DBHYDRO	SJRWMD
Dade	Cuthbert Lake	Lake	1007	25.206	80.780				
Dade	Henry Lake	Lake	224	25.195	80.731				
Dade	Long Lake	Lake	353	25.195	80.792				
Dade	Miami Gardens	Reservoir	120	25.948	80.175				
Dade	Middle Lake	Lake	242	25.176	80.744				
Dade	Monroe Lake	Lake	540	25.176	80.743				
Dade	Seven Palm Lake	Lake	1445	25.195	80.729		X		
Dade	The Lungs	Lake	303	25.173	80.768				
Dade	Unk. Lake 1	Lake	408	25.209	80.624				
Dade	Unk. Lake 2	Lake	127	25.218	80.609				
Dade	Unk. Lake 3	Lake	398	25.209	80.598				
Dade	Unk. Lake 4	Lake	191	25.197	80.598				
Dade	Unk. Lake 5	Lake	107	25.234	80.487				
Dade	Unk. Lake 6	Lake	163	25.246	80.450				
Dade	Unk. Reservoir 1	Reservoir	202	25.873	80.412				
Dade	Unk. Reservoir 10	Reservoir	145	25.787	80.397				
Dade	Unk. Reservoir 11	Reservoir	253	25.791	80.429				
Dade	Unk. Reservoir 12	Reservoir	212	25.788	80.345	X			
Dade	Unk. Reservoir 2	Reservoir	264	25.867	80.412				
Dade	Unk. Reservoir 3	Reservoir	168	25.859	80.411				
Dade	Unk. Reservoir 4	Reservoir	176	25.873	80.396				
Dade	Unk. Reservoir 5	Reservoir	189	25.862	80.397				
Dade	Unk. Reservoir 6	Reservoir	189	25.850	80.334				
Dade	Unk. Reservoir 7	Reservoir	146	25.836	80.399				
Dade	Unk. Reservoir 8	Reservoir	121	25.808	80.398				
Dade	Unk. Reservoir 9	Reservoir	129	25.802	80.389				
Dade	West Lake	Lake	2093	25.204	80.826				
DeSoto	<<none>>								
Duval	<<none>>								
Flagler	Crescent Lake	Lake	17086	29.455	81.493	X			
Flagler	Dead Lake	Lake	398	29.413	81.438	X			
Flagler	Lake Disston	Lake	1886	29.287	81.390	X			
Glades	<<none - other than Lake Okeechobee>>								
Hardee	Unk Reservoir 1	Reservoir	151	27.621	81.964	X			

Appendix A: Preliminary Lake and Reservoir Inventory (Sheet 4 of 19)

County	Name	Type	Area (acres)	Location		Available Data Sources			
				Lat	Long	STORET	USGS	DBHYDRO	SJRWMD
Hendry	Unk. Reservoir 1	Reservoir	243	26.685	81.288				
Hendry	Unk. Reservoir 2	Reservoir	134	26.685	81.253				
Hendry	Unk. Reservoir 3	Reservoir	136	26.767	81.169	X	X		
Hendry	Unk. Reservoir 4	Reservoir	170	26.757	81.132		X		
Hendry	Unk. Reservoir 5	Reservoir	119	26.686	81.001	X			
Hendry	Unk. Reservoir 6	Reservoir	718	26.718	80.895				
Hernando	Bystre Lake	Lake	197	28.544	82.329				
Hernando	Hog Pond	Lake	142	28.458	82.605		X		
Hernando	Hunters Lake	Lake	264	28.442	82.622	X	X		
Hernando	Neff Lake	Lake	188	28.478	82.324				
Hernando	St. Clair Lake	Lake	110	28.444	82.312				
Hernando	Tooke Lake	Lake	237	28.568	82.552	X	X		
Hernando	Weekiwachee Prairie Lake	Lake	229	28.477	82.571		X		
Highlands	Bonnet Lake	Lake	224	27.544	81.442	X	X		
Highlands	Dinner Lake	Lake	347	27.517	81.445	X	X		
Highlands	Grassy Lake	Lake	537	27.254	81.334	X			
Highlands	Huckleberry Lake	Lake	113	27.453	81.463	X			
Highlands	Lake Apthorpe	Lake	204	27.345	81.363	X			
Highlands	Lake Charlotte	Lake	186	27.433	81.450	X			
Highlands	Lake Clay	Lake	360	27.311	81.347	X			
Highlands	Lake Damon	Lake	233	27.633	81.510	X	X		
Highlands	Lake Francis	Lake	550	27.339	81.406	X			
Highlands	Lake Glenada	Lake	174	27.565	81.507	X			
Highlands	Lake Huntley	Lake	664	27.288	81.344				
Highlands	Lake Istokpoga	Lake	23965	27.367	81.278	X	X	X	
Highlands	Lake Jackson	Lake	3186	27.488	81.461	X	X		
Highlands	Lake Josephine	Lake	1068	27.394	81.441	X	X		
Highlands	Lake June in Winter	Lake	3706	27.303	81.403	X	X		
Highlands	Lake Lelia	Lake	158	27.573	81.504	X			
Highlands	Lake Letta	Lake	392	27.561	81.462	X	X		
Highlands	Lake Lotela	Lake	735	27.577	81.482	X	X		
Highlands	Lake Placid	Lake	3361	27.239	81.365	X	X		
Highlands	Lake Pythias	Lake	277	27.636	81.497				
Highlands	Lake Sebring	Lake	443	27.528	81.484	X	X		

Appendix A: Preliminary Lake and Reservoir Inventory (Sheet 5 of 19)

County	Name	Type	Area (acres)	Location		Available Data Sources			
				Lat	Long	STORET	USGS	DBHYDRO	SJRWMD
Highlands	Lake Sirena	Lake	135	27.285	81.369				
Highlands	Little Jack Lake	Lake	126	27.468	81.463	X			
Highlands	Little Red Water Lake	Lake	242	27.541	81.471	X			
Highlands	Red Beach Lake	Lake	307	27.432	81.404	X	X		
Highlands	Unk. Reservoir 1	Reservoir	1943	27.302	81.113				
Highlands	Unk. Reservoir 2	Reservoir	1461	27.341	81.073				
Highlands	Unk. Reservoir 3	Reservoir	118	27.286	81.068				
Highlands	Unk. Reservoir 4	Reservoir	137	27.277	81.062				
Highlands	Wolf Lake	Lake	107	27.422	81.473	X			
Hillsborough	Bellows Lake	Lake	104	27.990	82.380	X			
Hillsborough	Cory Lake	Reservoir	114	28.134	82.303				
Hillsborough	Hillsborough River	Dammed River	868	28.025	82.428	X	X		
Hillsborough	Keystone Lake	Lake	426	28.134	82.592	X	X		
Hillsborough	Lake Calm	Lake	114	28.142	82.582	X	X		
Hillsborough	Lake Carroll	Lake	208	28.051	82.487		X		
Hillsborough	Lake Hiawatha	Lake	137	28.169	82.574	X			
Hillsborough	Lake Magdalene	Lake	208	28.082	82.482	X	X		
Hillsborough	Lake Stemper	Lake	111	28.134	82.458		X		
Hillsborough	Lake Thonotosassa	Lake	847	28.061	82.279	X	X		
Hillsborough	Medard Park	Reservoir	590	27.916	82.165	X	X		
Hillsborough	Unk Reservoir 1	Reservoir	138	28.008	82.084				
Hillsborough	Unk Reservoir 2	Reservoir	171	27.886	82.380				
Hillsborough	Unk Reservoir 3	Reservoir	231	27.875	82.380				
Hillsborough	Unk Reservoir 4	Reservoir	114	27.694	82.497				
Hillsborough	Valrico Lake	Lake	112	27.954	82.259	X	X		
Indian River	Blue Cypress Lake	Lake	6572	27.728	80.754	X			X
Indian River	Blue Cypress Marsh Conservation Area	mixed	28796	27.672	80.715	X			X
Indian River	Blue Cypress Water Management Area East	mixed	5830	27.680	80.611	X			X
Indian River	Blue Cypress Water Management Area West	mixed	4920	27.670	80.659	X			X
Indian River	Delta Farms Reservoir	Reservoir	357	27.600	80.583				X
Indian River	Fort Drum Marsh Conservation Area	mixed	20653	27.600	80.727				X
Indian River	Kenansville Lake	Reservoir	2082	27.810	80.790	X			X
Indian River	St. Johns Water Control District	Reservoir	1760	27.628	80.661				X
Indian River	St. Johns Water Management Area	mixed	6500	27.792	80.725	X			X

Appendix A: Preliminary Lake and Reservoir Inventory (Sheet 6 of 19)

County	Name	Type	Area (acres)	Location		Available Data Sources			
				Lat	Long	STORET	USGS	DBHYDRO	SJRWMD
Lake	Cherry Lake	Lake	539	28.595	81.817	X	X	X	
Lake	Church Lake	Lake	109	28.648	81.843		X		
Lake	Clearwater Lake	Lake	283	28.720	81.913				
Lake	Crescent Lake	Lake	118	28.504	81.774	X			
Lake	Dilly Marsh	Lake	127	28.690	81.864				
Lake	Dixie Lake	Lake	183	28.438	81.730	X			
Lake	East Crooked Lake	Lake	158	28.833	81.665	X			
Lake	Ella Lake	Lake	494	28.960	81.711	X			
Lake	Emeralda Marsh Conservation Area	Reservoir	1715	28.914	81.801	X			
Lake	Erie Lake	Lake	136	28.462	81.846	X			
Lake	Grassy Lake	Lake	148	28.596	81.744	X			
Lake	Hampton Prairie	Lake	127	28.723	81.934				
Lake	Holly Lake	Lake	101	28.940	81.717	X	X		
Lake	Honeycut Lake	Lake	103	28.660	81.908				
Lake	Island Lake	Lake	116	28.952	81.685	X			
Lake	Johns Lake	Lake	2088	28.526	81.673	X			
Lake	Kirkland Lake	Lake	246	28.447	81.806	X			
Lake	Lady Lake	Lake	139	28.937	81.859	X	X		
Lake	Lake Apopka Restoration Area 1	Lake	210	28.704	81.691				
Lake	Lake Apopka Restoration Area 2	Reservoir	152	28.682	81.675				
Lake	Lake Arron	Lake	167	28.998	81.524	X			
Lake	Lake Arthur	Lake	106	28.627	81.840	X			
Lake	Lake Beauclair	Lake	1130	28.774	81.661	X			
Lake	Lake Blanchester	Lake	120	28.910	81.642	X			
Lake	Lake Carlton	Lake	380	28.760	81.658				
Lake	Lake Dalhousie	Lake	245	28.902	81.624	X			
Lake	Lake Denham	Lake	246	28.765	81.915	X			
Lake	Lake Dora	Lake	4351	28.787	81.683	X			
Lake	Lake Dorr	Lake	1704	29.001	81.624	X			
Lake	Lake Elderado	Lake	136	28.883	81.629	X			
Lake	Lake Emma	Lake	164	28.613	81.851	X			
Lake	Lake Eustis	Lake	7796	28.846	81.727	X			
Lake	Lake Florence	Lake	133	28.598	81.682	X			
Lake	Lake Gertrude	Lake	251	28.815	81.659	X			

Appendix A: Preliminary Lake and Reservoir Inventory (Sheet 7 of 19)

County	Name	Type	Area (acres)	Location		Available Data Sources			
				Lat	Long	STORET	USGS	DBHYDRO	SJRWMD
Lake	Lake Gloria	Lake	142	28.482	81.790	X			
Lake	Lake Griffin	Lake	8568	28.888	81.844	X			
Lake	Lake Harris	Lake	15619	28.775	81.808	X			
Lake	Lake Harris Conservation Area	Lake	354	28.817	81.816				
Lake	Lake Joanna	Lake	323	28.841	81.645	X			
Lake	Lake Louisa	Lake	3123	28.480	81.740	X			
Lake	Lake Lucy	Lake	303	28.601	81.852	X			
Lake	Lake Melton	Lake	128	28.750	81.722				
Lake	Lake Minnehaha	Lake	2346	28.531	81.766	X		X	
Lake	Lake Minneola	Lake	1876	28.574	81.768	X			
Lake	Lake Nellie	Lake	487	28.469	81.774	X			
Lake	Lake Norris	Lake	1118	28.941	81.549	X			
Lake	Lake Sanders	Lake	273	28.813	81.694	X			
Lake	Lake Susan	Lake	101	28.513	81.757	X			
Lake	Lake Umatilla	Lake	168	28.920	81.665	X	X		
Lake	Lake Wash	Lake	110	28.529	81.816	X			
Lake	Lake Yale	Lake	3979	28.917	81.739	X			
Lake	Little Lake Harris	Lake	587	28.723	81.758	X			
Lake	Loch Leven	Lake	170	28.830	81.635	X			
Lake	Montgomery Lake	Lake	173	28.648	81.792				
Lake	Pine Island Lake	Lake	367	28.493	81.828				
Lake	Pretty Lake	Lake	221	28.464	81.822				
Lake	Sawgrass Lake	Lake	162	28.432	81.689				
Lake	Schimmerhorn Lake	Lake	107	29.152	81.584	X			
Lake	Sellers Lake	Lake	370	29.115	81.633	X			
Lake	Silver Lake	Lake	352	28.837	81.804	X			
Lake	South Grasshopper Lake	Lake	181	29.138	81.613	X			
Lake	Stagger Mud Lake	Lake	205	29.094	81.504	X			
Lake	Sumner Lake	Lake	308	28.547	81.821	X			
Lake	Trout Lake 1	Lake	102	28.867	81.683	X			
Lake	Trout Lake 2	Lake	165	28.450	81.712	X	X	X	
Lake	Turkey Lake	Lake	142	28.701	81.851	X			
Lake	Unk. Lake 3	Lake	354	28.630	81.913				
Lake	Unk. Lake 4	Lake	238	28.582	81.670				

Appendix A: Preliminary Lake and Reservoir Inventory (Sheet 8 of 19)

County	Name	Type	Area (acres)	Location		Available Data Sources			
				Lat	Long	STORET	USGS	DBHYDRO	SJRWMD
Lake	Unk. Lake 5	Lake	188	28.510	81.795				
Lake	Unk. Lake 5	Lake	134	28.438	81.700				
Lake	Unk. Reservoir 1	Reservoir	131	28.922	81.582				
Lake	Unk. Reservoir 2	Reservoir	230	28.751	81.730				
Lake	Unk. Reservoir 4	Reservoir	125	28.396	81.801				
Lake	Wildcat Lake	Lake	247	29.162	81.628	X			
Lee	Caloosahatchee River	River	15033	26.619	81.903	X	X	X	
Lee	Estero River	River	100	26.435	81.839	X			
Lee	Handry Creek	River	334	26.480	81.883	X	X		
Lee	Imperial River	River	120	26.339	81.807	X			
Levy	Priest Prairie	Lake	354	29.463	82.440				
Manatee	Lake Manatee Reservoir	Reservoir	1416	27.489	82.344	X	X		
Manatee	Parrish Lake	Reservoir	3535	27.617	82.327	X	X		
Manatee	Unk. Reservoir 1	Reservoir	150	27.395	82.430	X			
Manatee	Ward Lake	Reservoir	246	27.431	82.485	X	X		
Marion	Bonable Lake	Lake	240	29.138	82.525	X			
Marion	Bowers Lake	Lake	452	29.051	81.958	X			
Marion	Chain O Lakes	Lake	107	29.124	81.649				
Marion	Graveyard Lake	Lake	133	29.358	81.916				
Marion	Halfmoon Lake	Lake	716	29.151	81.832	X			
Marion	Island Lake	Lake	144	29.477	81.976	X			
Marion	Lake Bryant	Lake	770	29.144	81.859	X			
Marion	Lake Catherine	Lake	123	29.060	81.833				
Marion	Lake Charles	Lake	349	29.233	81.907	X			
Marion	Lake Delancy	Lake	616	29.426	81.773	X			
Marion	Lake Eaton	Lake	263	29.258	81.868	X			
Marion	Lake Jumper	Lake	282	29.207	81.853	X			
Marion	Lake Kerr	Lake	2838	29.361	81.787	X			
Marion	Lake Lou	Lake	114	29.232	81.857	X			
Marion	Lake Mary	Lake	159	29.076	81.829	X			
Marion	Lake Weir	Lake	5605	29.018	81.938	X	X		
Marion	Little Bonable Lake	Lake	102	29.153	82.532				
Marion	Little Lake Kerr	Lake	423	29.362	81.749	X			
Marion	Little Lake Weir	Lake	313	29.019	81.977	X			

Appendix A: Preliminary Lake and Reservoir Inventory (Sheet 9 of 19)

County	Name	Type	Area (acres)	Location		Available Data Sources			
				Lat	Long	STORET	USGS	DBHYDRO	SJRWMD
Marion	Marshall Swamp	Lake	733	29.122	81.983				
Marion	Mill Dam Lake	Lake	226	29.182	81.838	X			
Marion	Mud Lake	Lake	448	29.300	81.865				
Marion	Mud Prairie Lake	Lake	310	29.106	81.886				
Marion	Nicotoon Lake	Lake	102	28.995	81.712				
Marion	North Lake	Lake	193	29.166	81.876	X			
Marion	North Prairie	Lake	156	29.188	81.849				
Marion	Oklawaha Lake	Lake	324	29.432	81.930	X			
Marion	Pecan Lake	Lake	211	29.037	81.894				
Marion	Redwater Lake	Lake	182	29.202	81.890	X			
Marion	Sellers Lake	Lake	370	29.114	81.640	X			
Marion	Silver Lake	Lake	179	29.017	81.897				
Marion	Smith Lake	Lake	436	29.060	81.991	X			
Marion	Sunny Hill Farm	mixed	4498	29.029	81.843				
Marion	Unk Lake 1	Lake	113	29.091	81.987				
Marion	Wells Pond	Lake	112	29.130	81.836				
Martin	Unk Reservoir 1	Reservoir	148	27.072	80.498				
Martin	Unk Reservoir 2	Reservoir	218	27.173	80.577				
Martin	FP&L Martin Co. Reservoir (Unk Reservoir 3)	Reservoir	5773	27.035	80.579				
Monroe	<<none>>								
Nassau	<<none>>								
Okeechobee	Lake Okeechobee	Lake	341752	26.943	80.801	X	X	X	
Okeechobee	Nubbin Slough	Canal	849	27.205	80.753	X		X	
Okeechobee	Taylor Creek	Canal	188	27.227	80.823	X		X	
Okeechobee	Unk Reservoir 1	Reservoir	552	27.469	80.997			X	
Okeechobee	Unk Reservoir 10	Reservoir	128	27.425	80.779				
Okeechobee	Unk Reservoir 11	Reservoir	322	27.417	80.800				
Okeechobee	Unk Reservoir 2	Reservoir	103	27.192	80.852				
Okeechobee	Unk Reservoir 3	Reservoir	154	27.555	80.685				
Okeechobee	Unk Reservoir 4	Reservoir	141	27.526	80.683				
Okeechobee	Unk Reservoir 5	Reservoir	210	27.528	80.708				
Okeechobee	Unk Reservoir 6	Reservoir	103	27.522	80.757				
Okeechobee	Unk Reservoir 7	Reservoir	127	27.468	80.777				
Okeechobee	Unk Reservoir 8	Reservoir	104	27.487	80.733				

Appendix A: Preliminary Lake and Reservoir Inventory (Sheet 10 of 19)

County	Name	Type	Area (acres)	Location		Available Data Sources			
				Lat	Long	STORET	USGS	DBHYDRO	SJRWMD
Okeechobee	Unk Reservoir 9	Reservoir	273	27.445	80.689				
Orange	Bay Lake	Lake	414	28.416	81.568	X			
Orange	Big Sand Lake	Lake	976	28.435	81.489	X			
Orange	Black Lake	Lake	206	28.528	81.602	X			
Orange	Buck Lake	Lake	242	28.405	81.259	X			
Orange	Clear Lake	Lake	343	28.522	81.410	X			
Orange	Corner Lake	Lake	115	28.583	81.130	X			
Orange	Crescent Lake	Lake	195	28.508	81.561	X			
Orange	Hickorynut Lake	Lake	454	28.428	81.644	X			
Orange	Huckleberry Lake	Lake	105	28.434	81.613	X			
Orange	John's Lake	Lake	2088	28.534	81.636	X			
Orange	Lake Apopka	Lake	30819	28.624	81.624	X			
Orange	Lake Avalon	Lake	107	28.511	81.645	X			
Orange	Lake Barton	Lake	136	28.551	81.316	X			
Orange	Lake Bessie	Lake	172	28.489	81.526	X			
Orange	Lake Blanche	Lake	130	28.481	81.516	X			
Orange	Lake Bryan	Lake	216	28.368	81.496	X	X		
Orange	Lake Butler	Lake	1761	28.488	81.552	X	X	X	
Orange	Lake Chase	Lake	124	28.475	81.522	X			
Orange	Lake Cone	Lake	176	28.559	80.960				
Orange	Lake Conway	Lake	1078	28.473	81.350	X			
Orange	Lake Down	Lake	925	28.505	81.528	X			
Orange	Lake Ellinore	Lake	108	28.467	81.406				
Orange	Lake Fairview	Lake	402	28.594	81.406	X			
Orange	Lake Hancock	Lake	500	28.457	81.614	X			
Orange	Lake Hart	Lake	1933	28.380	81.213	X		X	
Orange	Lake Hiawassee	Lake	248	28.528	81.482	X			
Orange	Lake Holden	Lake	271	28.505	81.386	X			
Orange	Lake Irma	Lake	118	28.590	81.268	X			
Orange	Lake Jessamine	Lake	262	28.482	81.386	X			
Orange	Lake Killarney	Lake	237	28.599	81.375	X			
Orange	Lake Louise	Lake	145	28.478	81.532	X			
Orange	Lake Mable	Lake	374	28.431	81.544	X			
Orange	Lake Maitland	Lake	440	28.618	81.352	X			

Appendix A: Preliminary Lake and Reservoir Inventory (Sheet 11 of 19)

County	Name	Type	Area (acres)	Location		Available Data Sources			
				Lat	Long	STORET	USGS	DBHYDRO	SJRWMD
Orange	Lake Mann	Lake	266	28.536	81.427	X			
Orange	Lake Mare Prairie	Lake	110	28.461	81.323	X			
Orange	Lake Mary Jane	Lake	1049	28.374	81.179	X	X	X	
Orange	Lake Nona	Lake	577	28.410	81.272	X			
Orange	Lake Ola	Lake	415	28.754	81.636	X			
Orange	Lake Osceola	Lake	154	28.604	81.342	X			
Orange	Lake Pearl	Lake	169	28.609	81.268	X			
Orange	Lake Pickett	Lake	762	28.602	81.109	X			
Orange	Lake Roberts	Lake	117	28.518	81.571	X			
Orange	Lake Sheen	Lake	565	28.432	81.521	X			
Orange	Lake Speer	Lake	230	28.481	81.599	X			
Orange	Lake Sue	Lake	143	28.577	81.355	X			
Orange	Lake Tibet	Lake	1139	28.450	81.525	X			
Orange	Lake Underhill	Lake	141	28.540	81.337	X			
Orange	Lake Virginia	Lake	224	28.589	81.345	X			
Orange	Lake Wekiva	Lake	176	28.597	81.433	X			
Orange	Lake Whippoorwill	Lake	325	28.389	81.236	X			
Orange	Lake Willis	Lake	130	28.399	81.480	X			
Orange	Lawne Lake	Lake	142	28.565	81.437	X			
Orange	Little Lake Conway	Lake	676	28.491	81.344	X			
Orange	Little Sand Lake	Lake	168	28.445	81.487	X			
Orange	Mud Lake	Lake	233	28.389	81.292	X			
Orange	Open Pond	Lake	149	28.456	81.554	X			
Orange	Pocket Lake	Lake	126	28.421	81.514	X			
Orange	Reedy Lake	Lake	121	28.416	81.613	X		X	
Orange	South Lake	Lake	115	28.418	81.537	X		X	
Orange	Spring Lake	Lake	110	28.455	81.483	X			
Orange	Starke Lake	Lake	221	28.571	81.536	X			
Orange	Turkey Lake	Lake	317	28.501	81.468	X			
Orange	Unk Lake 1	Lake	119	28.366	81.623				
Orange	Unk Lake 2	Lake	182	28.411	81.584				
Orange	Unk Lake 3	Lake	113	28.440	81.573				
Osceola	Alligator Lake	Lake	3337	28.211	81.206	X	X	X	
Osceola	Bay Lake	Lake	108	28.230	81.165				

Appendix A: Preliminary Lake and Reservoir Inventory (Sheet 12 of 19)

County	Name	Type	Area (acres)	Location		Available Data Sources			
				Lat	Long	STORET	USGS	DBHYDRO	SJRWMD
Osceola	Brick Lake	Lake	615	28.168	81.195	X		X	
Osceola	Buck Lake	Lake	497	28.211	81.154				
Osceola	Cat Lake	Lake	410	28.207	81.128				
Osceola	Coon Lake	Lake	135	28.266	81.183	X		X	
Osceola	Cypress Lake	Lake	3111	28.077	81.325	X	X	X	
Osceola	East Lake Tohopekaliga	Lake	9809	28.300	81.285	X		X	
Osceola	Econlockhatchee River Swamp	Lake	1276	28.309	81.102				
Osceola	Fells Cove	Lake	847	28.334	81.248	X			
Osceola	Fish Lake	Lake	200	28.270	81.346	X			
Osceola	Lake Cecile	Lake	110	28.328	81.478	X			
Osceola	Lake Center	Lake	371	28.280	81.191	X		X	
Osceola	Lake Conlin	Lake	1380	28.233	81.118				
Osceola	Lake Gentry	Lake	1707	28.141	81.243	X		X	
Osceola	Lake Hatchineha	Lake	5432	28.018	81.413	X		X	
Osceola	Lake Jackson	Lake	925	27.912	81.168	X		X	
Osceola	Lake Kissimmee	Lake	25072	27.924	81.286	X	X	X	
Osceola	Lake Lizzie	Lake	819	28.245	81.187	X		X	
Osceola	Lake Marian	Lake	4680	27.884	81.116	X	X	X	
Osceola	Lake Myrtle	Lake	340	28.317	81.164	X			
Osceola	Lake Preston	Lake	559	28.314	81.140	X			
Osceola	Lake Russell	Lake	720	28.136	81.416	X			
Osceola	Lake Tohopekaliga	Lake	14631	28.202	81.392	X		X	
Osceola	Live Oak Lake	Lake	365	28.230	81.233	X			
Osceola	Taylor Creek Reservoir	Reservoir	1543	28.336	80.945	X	X		X
Osceola	Trout Lake	Lake	224	28.258	81.168	X		X	
Osceola	Unk. Lake 1	Lake	104	28.297	81.651				
Osceola	Unk. Lake 2	Lake	123	27.680	81.073				
Palm Beach	Clear Lake	Lake	411	26.712	80.070	X	X		
Palm Beach	Lake Ida	Lake	143	26.484	80.081	X	X	X	
Palm Beach	Lake Mangonia	Lake	565	26.739	80.075	X			
Palm Beach	Lake Osborne	Lake	286	26.601	80.076	X	X	X	
Palm Beach	Loxahatchee National Wildlife Refuge - East Entrance	Reservoir	412	26.495	80.218		X	X	
Palm Beach	Okeeheelee Park	Reservoir	204	26.658	80.165				
Palm Beach	STA1-W	mixed	6670	26.656	80.423			X	

Appendix A: Preliminary Lake and Reservoir Inventory (Sheet 13 of 19)

County	Name	Type	Area (acres)	Location		Available Data Sources			
				Lat	Long	STORET	USGS	DBHYDRO	SJRWMD
Palm Beach	STA-2	mixed	6430	26.403	80.519			X	
Palm Beach	STA-3/4	mixed	16400	26.357	80.588			X	
Palm Beach	STA-5	mixed	4110	26.453	80.864			X	
Palm Beach	STA-6	mixed	870	26.340	80.863			X	
Palm Beach	Unk. Reservoir 1	Reservoir	106	26.389	80.179				
Palm Beach	Unk. Reservoir 2	Reservoir	103	26.337	80.266				
Palm Beach	Unk. Reservoir 3	Reservoir	171	26.568	80.162	X			
Palm Beach	Unk. Reservoir 4	Reservoir	295	26.849	80.272				
Palm Beach	Wellington Trace	Reservoir	140	26.658	80.246	X			
Pasco	Buddy Lake	Lake	132	28.308	82.222				
Pasco	Clear Lake	Lake	154	28.341	82.265	X	X		
Pasco	Crews Lake	Lake	118	28.376	82.529	X	X		
Pasco	Dowling Lake	Lake	104	28.437	82.250				
Pasco	Hancock Lake	Lake	432	28.433	82.332				
Pasco	King Lake 1	Lake	261	28.292	82.296	X	X		
Pasco	King Lake 2	Lake	118	28.230	82.451	X	X		
Pasco	Lake Conley	Lake	136	28.187	82.753	X			
Pasco	Lake Padgett	Lake	190	28.198	82.460	X	X		
Pasco	Lake Pasadena	Lake	238	28.321	82.223	X			
Pasco	Lake Thomas	Lake	163	28.241	82.470		X		
Pasco	Middle Lake	Lake	140	28.422	82.315	X			
Pasco	Moody Lake	Lake	179	28.408	82.298				
Pasco	Moon Lake	Lake	102	28.285	82.611		X		
Pasco	O'berry Lake	Lake	102	28.391	82.240				
Pinellas	Lake Maggiore	Lake	361	27.737	82.654	X	X		
Pinellas	Lake Seminole	Lake	663	27.851	82.781	X	X		
Pinellas	Lake Tarpon	Lake	2489	27.119	82.729	X	X		
Polk	Banana Lake	Lake	261	27.978	81.904		X		
Polk	Big Gum Lake	Lake	170	27.928	81.492				
Polk	Bonnet Lake	Lake	225	28.144	81.659				
Polk	Crooked Lake	Lake	3737	27.812	81.582	X	X		
Polk	Crystal Lake	Lake	134	28.034	81.627		X		
Polk	Eagle Lake	Lake	647	27.985	81.767	X	X		
Polk	Gator Lake	Lake	113	27.842	81.687	X			

Appendix A: Preliminary Lake and Reservoir Inventory (Sheet 14 of 19)

County	Name	Type	Area (acres)	Location		Available Data Sources			
				Lat	Long	STORET	USGS	DBHYDRO	SJRWMD
Polk	Grassy Lake	Lake	105	28.120	81.745		X		
Polk	Gum Lake	Lake	172	28.132	81.729				
Polk	Hammock Lake	Lake	190	28.134	81.652				
Polk	Lake Agnes	Lake	380	28.169	81.819	X			
Polk	Lake Alfred	Lake	628	28.099	81.744	X			
Polk	Lake Annie	Lake	416	27.992	81.608	X	X		
Polk	Lake Arbuckle	Lake	3375	27.692	81.397	X			
Polk	Lake Ariana	Lake	1003	28.079	81.798	X	X		
Polk	Lake Arietta	Lake	753	28.103	81.804	X	X		
Polk	Lake Aurora	Lake	113	27.877	81.467	X	X		
Polk	Lake Bess	Lake	135	27.967	81.654				
Polk	Lake Bonny	Lake	275	28.039	81.925	X	X		
Polk	Lake Buffum	Lake	1462	27.798	81.664	X	X		
Polk	Lake Cannon	Lake	331	28.039	81.754	X	X		
Polk	Lake Cinch	Lake	1181	27.743	81.550	X	X		
Polk	Lake Conine	Lake	233	28.060	81.725	X			
Polk	Lake Daisy	Lake	124	27.997	81.660				
Polk	Lake Davenport	Lake	176	28.334	81.659				
Polk	Lake Deer	Lake	102	28.026	81.764	X	X		
Polk	Lake Dexter	Lake	147	27.992	81.681	X			
Polk	Lake Easy	Lake	322	27.859	81.563	X			
Polk	Lake Elbert	Lake	171	28.027	81.709	X			
Polk	Lake Eloise	Lake	1163	27.983	81.704	X	X		
Polk	Lake Eva	Lake	159	28.098	81.629				
Polk	Lake Fannie	Lake	717	28.059	81.690	X			
Polk	Lake Garfield	Lake	669	27.904	81.732	X	X		
Polk	Lake Gibson	Lake	483	28.109	81.962	X			
Polk	Lake Gordon	Lake	239	27.856	81.628				
Polk	Lake Haines	Lake	690	28.091	81.708	X			
Polk	Lake Hamilton	Lake	2267	28.047	81.652	X	X		
Polk	Lake Hancock	Lake	4542	27.970	81.838	X	X		
Polk	Lake Hartridge	Lake	434	28.055	81.744	X			
Polk	Lake Henry	Lake	819	28.091	81.668	X			
Polk	Lake Hollingsworth	Lake	352	28.024	81.946	X	X		

Appendix A: Preliminary Lake and Reservoir Inventory (Sheet 15 of 19)

County	Name	Type	Area (acres)	Location		Available Data Sources			
				Lat	Long	STORET	USGS	DBHYDRO	SJRWMD
Polk	Lake Howard	Lake	626	28.024	81.745	X	X		
Polk	Lake Jessie	Lake	190	28.059	81.764	X			
Polk	Lake Juliana	Lake	929	28.128	81.803	X	X		
Polk	Lake Lena	Lake	201	28.066	81.810				
Polk	Lake Leonore	Lake	391	27.796	81.513				
Polk	Lake Livingston	Lake	1133	27.685	81.520	X			
Polk	Lake Lowery	Lake	862	28.130	81.679	X			
Polk	Lake Lulu	Lake	298	27.996	81.721	X	X		
Polk	Lake Mabel	Lake	101	27.971	81.591		X		
Polk	Lake Mariam	Lake	184	28.016	81.696	X			
Polk	Lake Mariana	Lake	511	28.076	81.765	X			
Polk	Lake Marion	Lake	2868	28.077	81.532	X	X		
Polk	Lake Mattie	Lake	1104	28.138	81.781	X			
Polk	Lake McLeod	Lake	468	27.967	81.754		X		
Polk	Lake Mirror	Lake	126	28.038	81.742		X		
Polk	Lake Moody	Lake	381	27.781	81.531		X		
Polk	Lake Myrtle	Lake	321	27.948	81.652		X		
Polk	Lake Otis	Lake	135	28.017	81.712	X	X		
Polk	Lake Parker	Lake	2138	28.067	81.930	X	X		
Polk	Lake Parker 2	Lake	132	27.914	81.638				
Polk	Lake Pierce	Lake	3574	27.972	81.522	X	X		
Polk	Lake Rochelle	Lake	571	28.073	81.722	X			
Polk	Lake Rosalie	Lake	3574	27.935	81.404	X	X		
Polk	Lake Ruby	Lake	257	27.971	81.663		X		
Polk	Lake Sharp	Lake	277	28.003	81.743		X		
Polk	Lake Smart	Lake	274	28.059	81.711	X			
Polk	Lake Starr	Lake	122	27.957	81.589		X		
Polk	Lake Streety	Lake	318	27.680	81.572				
Polk	Lake Tennessee	Lake	111	28.146	81.813		X		
Polk	Lake Tracy	Lake	128	28.110	81.635				
Polk	Lake Van	Lake	597	28.107	81.768				
Polk	Lake Wales	Lake	256	27.902	81.575	X	X		
Polk	Lake Weohyakapka	Lake	7035	27.821	81.416	X	X		
Polk	Lake Winterset	Lake	549	27.974	81.682	X	X		

Appendix A: Preliminary Lake and Reservoir Inventory (Sheet 16 of 19)

County	Name	Type	Area (acres)	Location		Available Data Sources			
				Lat	Long	STORET	USGS	DBHYDRO	SJRWMD
Polk	Little Lake Hamilton	Lake	350	28.072	81.635	X			
Polk	Mud Lake	Lake	152	28.170	81.844	X			
Polk	Parks Lake	Lake	103	27.915	81.469				
Polk	Reedy Lake	Lake	2974	27.742	81.500	X	X		
Polk	Saddle Creek Park	Reservoir	253	28.057	81.889	X	X		
Polk	Saddlebag Lake	Lake	165	27.897	81.464	X	X		
Polk	Scott Lake	Lake	285	27.967	81.942	X	X		
Polk	Silver Lake	Lake	136	27.724	81.538		X		
Polk	Spirit Lake	Lake	271	27.999	81.778	X			
Polk	Surveyors Lake	Lake	279	27.837	81.695	X			
Polk	Tenoroc	Reservoir	213	28.094	81.912	X			
Polk	Tiger Lake	Lake	1987	27.896	81.359				
Polk	Trout Lake	Lake	135	27.647	81.508				
Polk	Unk Lake 1	Lake	113	28.161	81.808				
Polk	Unk Lake 2	Lake	482	28.340	81.685				
Polk	Unk Reservoir 1	Reservoir	150	28.187	81.578				
Polk	Unk Reservoir 10	Reservoir	121	27.692	81.940				
Polk	Unk Reservoir 11	Reservoir	154	27.654	81.896				
Polk	Unk Reservoir 2	Reservoir	107	28.196	81.775				
Polk	Unk Reservoir 3	Reservoir	415	28.178	81.688				
Polk	Unk Reservoir 4	Reservoir	148	27.742	81.772				
Polk	Unk Reservoir 5	Reservoir	111	28.187	81.579				
Polk	Unk Reservoir 6	Reservoir	105	27.788	81.987				
Polk	Unk Reservoir 7	Reservoir	130	27.775	81.982				
Polk	Unk Reservoir 8	Reservoir	137	27.761	81.984				
Polk	Unk Reservoir 9	Reservoir	108	27.731	81.978				
Putnum	Brantly Lake	Lake	180	29.685	81.948	X			
Putnum	Bream Lake	Lake	122	29.562	82.042				
Putnum	Cowpen Lake	Lake	391	29.604	82.002	X			
Putnum	Cue Lake	Lake	139	29.674	81.974				
Putnum	Enscow Lake	Lake	102	29.700	81.950	X			
Putnum	Georges Lake	Lake	810	29.793	81.849	X			
Putnum	Gillis Lake	Lake	223	29.567	81.984	X			
Putnum	Goose Lake	Lake	145	29.699	81.978	X			

Appendix A: Preliminary Lake and Reservoir Inventory (Sheet 17 of 19)

County	Name	Type	Area (acres)	Location		Available Data Sources			
				Lat	Long	STORET	USGS	DBHYDRO	SJRWMD
Putnum	Lake Fanny	Lake	122	29.560	81.985	X			
Putnum	Lake Grandin	Lake	316	29.678	81.883	X			
Putnum	Lake Ida	Lake	127	29.631	81.858	X			
Putnum	Lake Rosa	Lake	108	29.712	82.008	X			
Putnum	Lake Rowan	Lake	110	29.678	82.022	X			
Putnum	Lake Susan	Lake	103	29.530	81.994				
Putnum	Lake Winnott	Lake	158	29.647	82.048	X			
Putnum	Levvs Prairie	Lake	108	29.645	82.015				
Putnum	Long Pond	Lake	252	29.673	81.995	X			
Putnum	Mariner Lake	Lake	116	29.646	81.889	X			
Putnum	McCarthy Lake	Lake	116	29.523	81.972				
Putnum	Putnam Prairie	Lake	216	29.740	81.937				
Putnum	Red Water Lake	Lake	230	29.564	82.018	X			
Putnum	Rodman Reservior (Ocklawaha Lake)	Reservoir	3857	29.520	81.826	X	X		
Putnum	South Bull Pond	Lake	246	29.640	82.047	X			
Putnum	Star Lake	Lake	238	29.526	82.039	X			
Putnum	Swan Lake	Lake	369	29.727	82.010	X			
Sarasota	Lake Myakka	Lake	909	27.275	82.291	X	X		
Sarasota	Lower Myakka Lake	Lake	218	27.218	82.326	X	X		
Sarasota	Unk Lake 1	Lake	141	27.205	82.403				
Seminole	Bear Lake	Lake	309	28.652	81.449	X			
Seminole	Lake Brantley	Lake	283	28.693	81.421	X			
Seminole	Lake Harney	Lake	5905	28.756	81.063	X	X		
Seminole	Lake Howell	Lake	395	28.639	81.309	X	X		
Seminole	Lake Jessup	Lake	8013	28.719	81.225	X	X		
Seminole	Mills Lake	Lake	241	28.634	81.114	X			
Seminole	Mullet Lake	Lake	129	28.791	81.131	X			
Seminole	Puzzle Lake	Lake	1157	28.680	81.021	X	X		
Seminole	Seminole Prairie	Lake	126	28.657	81.353	X			
Seminole	Sylvan Lake	Lake	149	28.805	81.380	X			
St. Johns	<<none>>								
St. Lucie	Port St. Lucie Stormwater Reservoir	Reservoir	118	27.237	80.334	X			
St. Lucie	Unk. Reservoir 1	Reservoir	167	27.554	80.672				
St. Lucie	Unk. Reservoir 10	Reservoir	199	27.545	80.496				

Appendix A: Preliminary Lake and Reservoir Inventory (Sheet 18 of 19)

County	Name	Type	Area (acres)	Location		Available Data Sources			
				Lat	Long	STORET	USGS	DBHYDRO	SJRWMD
St. Lucie	Unk. Reservoir 11	Reservoir	152	27.507	80.498				
St. Lucie	Unk. Reservoir 12	Reservoir	163	27.501	80.478				
St. Lucie	Unk. Reservoir 13	Reservoir	267	27.370	80.655				
St. Lucie	Unk. Reservoir 14	Reservoir	159	27.359	80.616				
St. Lucie	Unk. Reservoir 15	Reservoir	109	27.360	80.592				
St. Lucie	Unk. Reservoir 16	Reservoir	151	27.334	80.630				
St. Lucie	Unk. Reservoir 17	Reservoir	193	27.247	80.523				
St. Lucie	Unk. Reservoir 18	Reservoir	141	27.213	80.427				
St. Lucie	Unk. Reservoir 19	Reservoir	205	27.289	80.459				
St. Lucie	Unk. Reservoir 2	Reservoir	648	27.554	80.629				
St. Lucie	Unk. Reservoir 20	Reservoir	793	27.521	80.538				
St. Lucie	Unk. Reservoir 3	Reservoir	1017	27.540	80.627				
St. Lucie	Unk. Reservoir 4	Reservoir	128	27.549	80.587				
St. Lucie	Unk. Reservoir 5	Reservoir	202	27.493	80.658				
St. Lucie	Unk. Reservoir 6	Reservoir	311	27.495	80.618				
St. Lucie	Unk. Reservoir 7	Reservoir	382	27.494	80.605				
St. Lucie	Unk. Reservoir 8	Reservoir	112	27.463	80.632				
St. Lucie	Unk. Reservoir 9	Reservoir	101	27.553	80.506				
Sumter	Cherry Lake	Lake	105	28.912	81.967				
Sumter	Lake Deaton	Lake	449	28.835	81.983				
Sumter	Lake Okahumpka	Lake	506	28.825	82.007				
Sumter	Lake Panasoffkee	Lake	3739	28.793	82.112	X	X		
Sumter	Unk. Reservoir 1	Reservoir	142	28.630	82.023				
Volusia	Cain Lake	Lake	144	29.216	81.437				
Volusia	Caraway Lake	Lake	207	29.174	81.319				
Volusia	Dan George Lake	Lake	131	29.206	81.329				
Volusia	Dupont Lake	Lake	437	28.925	81.206	X			
Volusia	Elizabeth Lake	Lake	214	28.912	81.199	X			
Volusia	Konomac Lake	Reservoir	1102	28.870	81.343				
Volusia	Lake Ashby	Lake	886	28.928	81.094	X			
Volusia	Lake Beresford	Lake	768	28.989	81.346	X			
Volusia	Lake Bethel	Lake	210	28.849	81.213	X			
Volusia	Lake Butler Chain	Lake	244	28.871	81.174				
Volusia	Lake Daugharty	Lake	269	29.105	81.281				

Appendix A: Preliminary Lake and Reservoir Inventory (Sheet 19 of 19)

County	Name	Type	Area (acres)	Location		Available Data Sources			
				Lat	Long	STORET	USGS	DBHYDRO	SJRWMD
Volusia	Lake Dexter	Lake	1774	29.106	81.485	X			
Volusia	Lake Dias	Lake	704	29.162	81.318	X			
Volusia	Lake George	Lake	44486	29.299	81.601	X			
Volusia	Lake Gleason	Lake	101	28.893	81.265	X			
Volusia	Lake Monroe	Lake	8589	28.843	81.271	X	X		
Volusia	Lake Pierson	Lake	103	29.234	81.474				
Volusia	Lake Winona	Lake	113	29.181	81.333				
Volusia	Lake Woodruff	Lake	2124	29.098	81.416	X			
Volusia	Louise Lake	Lake	291	28.889	81.198	X			
Volusia	Lower Lake Louise	Lake	218	29.334	81.505	X			
Volusia	McGarity Lake	Lake	113	28.898	81.222	X			
Volusia	North Lake Talmadge	Lake	119	29.047	81.265	X			
Volusia	Shaw Lake	Lake	100	29.237	81.445	X			
Volusia	Spring Garden Lake	Lake	422	29.125	81.374	X			
Volusia	Theresa Lake	Lake	396	28.899	81.194	X			
Volusia	Tick Island Mud Lake	Lake	197	29.088	81.441				
Volusia	Unk. Lake 1	OWFWM	207	28.884	80.971				

OWFWM = Open Water w/in Freshwater Marsh

mixed = includes marsh and open water areas

Highlighted water bodies were selected as candidates for further evaluation.

Appendix B

DATA SITE/MONITORING STATION SUMMARY

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
Blue Cypress WMA-East					
NOAA	83137	Fort Drum	27.58333	27.58333	Unknown
NOAA	89214	Vero Beach	27.65000	27.65000	Unknown
NOAA	89219	Vero Beach	27.63333	27.63333	Unknown
SJRWMD	BCWME	Middle of BCWMA East	27.68017	27.68017	Interior
SJRWMD	BerryGroves	Berry Groves Pump to BCWMA East	27.69870	27.69870	Inflow
SJRWMD	BRG**	Berry Groves	27.69870	27.69870	Inflow
SJRWMD	Delta Farms	Delta Farms WCD Reservoir	27.66156	27.66156	Inflow
SJRWMD	Pump Station #7	Sun Ag Pump Station #7	27.69857	27.69857	Inflow
SJRWMD	S251		27.68472	27.68472	Inflow
SJRWMD	S251/S666/S525	S251/S666/S525	27.68206	27.68206	Unknown
SJRWMD	S251E		27.68472	27.68472	Outflow
SJRWMD	SNA7*	Sun Ag PS#7	27.69857	27.69857	Inflow
Blue Cypress WMA-West					
NOAA	83137	Fort Drum	27.58333	27.58333	Unknown
NOAA	89214	Vero Beach	27.65000	27.65000	Unknown
NOAA	89219	Vero Beach	27.63333	27.63333	Unknown
SJRWMD	BCWMW	BCWMA West in Ansin West	27.65752	27.65752	Interior
SJRWMD	LMR	Lake Miami Ranch aka BCWMW North in middle	27.68599	27.68599	Interior
SJRWMD	Pump Station #5	Sun Ag Pump Station #5	27.71521	27.71521	Inflow
SJRWMD	Pump Station #6	Sun Ag Pump Station #6	27.69900	27.69900	Inflow
SJRWMD	S251		27.68472	27.68472	Inflow
SJRWMD	S251W		27.68472	27.68472	Inflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
SJRWMD	S254/S530/S251	S254/S530/S251	27.67683	27.67683	Unknown
SJRWMD	S96D		27.75392	27.75392	Outflow
SJRWMD	SJWCD	SJWCD Spillway	27.63689	27.63689	Inflow
SJRWMD	SNA5*	Sun Ag PS#5	27.71521	27.71521	Inflow
SJRWMD	SNA6*	Sun Ag PS#6	27.69900	27.69900	Inflow
Bonnet Lake					
SWFWMD	GW-113	RIDGE WRAP H-10 SURF	27.63216	27.63216	Interior
SWFWMD	STA-509	BONNET LAKE	27.54698	27.54698	Interior
US EPA	7377	SFA-HS-1015	27.54028	27.54028	Interior
US EPA	HIG-BONNET-1	Highlands-Bonnet-1	27.54033	27.54033	Inflow
US EPA	HIG-BONNET-2	Highlands-Bonnet-2	27.54367	27.54367	Interior
US EPA	HIG-BONNET-3	Highlands-Bonnet-3	27.54368	27.54368	Outflow
USGS	02270000	CARTER CREEK NEAR SEBRING FL	27.53194	27.53194	Outflow
Caloosahatchee River					
SFWMD	ALVA FAR_R	ALVA FAR_R	26.71250	26.71250	Inflow
SFWMD	CAL 01	CALOOSAHATCHEE RIVER MILE 4	26.71468	26.71468	Interior
SFWMD	CAL 03	CALOOSAHATCHEE RIVER MILE 12	26.68118	26.68118	Interior
SFWMD	CAL 05	CALOOSAHATCHEE RIVER MILE 14	26.63368	26.63368	Interior
SFWMD	CAL 07	CALOOSAHATCHEE RIVER MILE 18	26.58091	26.58091	Interior
SFWMD	CAL 09	CALOOSAHATCHEE RIVER MILE 24	26.51425	26.51425	Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
SFWMD	CAL 11	CALOOSAHATCHEE RIVER	26.49064	26.49064	Exterior-DS
SFWMD	CES01	CALOOSAHATCHEE WQ MONITORING STATION	26.72219	26.72219	Interior
SFWMD	CES02	CALOOSAHATCHEE WQ MONITORING STATION	26.72650	26.72650	Interior
SFWMD	CES03	CALOOSAHATCHEE WQ MONITORING STATION	26.71669	26.71669	Interior
SFWMD	CES04	CALOOSAHATCHEE WQ MONITORING STATION	26.68170	26.68170	Interior
SFWMD	CES05	CALOOSAHATCHEE WQ MONITORING STATION	26.63660	26.63660	Interior
SFWMD	CES06	CALOOSAHATCHEE WQ MONITORING STATION	26.58230	26.58230	Interior
SFWMD	CES07	CALOOSAHATCHEE WQ MONITORING STATION	26.53022	26.53022	Interior
SFWMD	CES08	CALOOSAHATCHEE WQ MONITORING STATION	26.52330	26.52330	Interior
SFWMD	CV5_R	CV5_R	26.91945	26.91945	Exterior-US
SFWMD	DEVILS_R	DEVILS_R	26.60278	26.60278	Exterior-US
SFWMD	DEVILS_R	DEVILS_R	26.60278	26.60278	Exterior-US
SFWMD	FORT MEY_R	FORT MEY_R	26.58361	26.58361	Exterior-DS
SFWMD	GR13	CALOOSHATACHEE WQ MONITORING STATION	26.50070	26.50070	Interior
SFWMD	GR5	CALOOSHATACHEE WQ MONITORING STATION	26.48050	26.48050	Interior
SFWMD	KERI TOW_R	KERI TOW_R	26.59556	26.59556	Exterior-US
SFWMD	LABELLE_R	LABELLE_R	26.75306	26.75306	Outflow
SFWMD	LEHIGH W_R	LEHIGH W_R	26.60722	26.60722	Exterior-US
SFWMD	N6	CALOOSAHATCHEE WQ MONITORING STATION	26.50890	26.50890	Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
SFWMD	PALMDALE_R	PALMDALE_R	26.92444	26.92444	Exterior-US
SFWMD	PALMDALE_R	PALMDALE_R	26.92444	26.92444	Exterior-US
SFWMD	RD8	CALOOSAHATCHEE WQ MONITORING STATION	26.46550	26.46550	Interior
SFWMD	S47B_R	S47B_R	26.85806	26.85806	Exterior-US
SFWMD	S77	S-77 SPILLWAY & LOCK CALOOSAHATCHEE R L OKEECHOBEE	26.83923	26.83923	Inflow
SFWMD	S77_R	S77_R	26.83917	26.83917	Exterior-US
SFWMD	S78	S-78 SPILLWAY & LOCK CALOOSAHATCHE R ORT	26.78979	26.78979	Inflow
SFWMD	S78_R	S78_R	26.78972	26.78972	Inflow
SFWMD	S78W	S78W	26.78972	26.78972	Inflow
SFWMD	S79	S-79 SPILLWAY & LOCK CALOOSAHATCHE R NR OLGA	26.72396	26.72396	Outflow
SFWMD	S79_R	S79_R	26.72389	26.72389	Exterior-US
SFWMD	S79N	NORTH SIDE OF STRUCTURE S79 ON CALOOSAHATCHEE R	26.72396	26.72396	Outflow
SFWMD	SLEE_R	SLEE_R	26.69583	26.69583	Exterior-US
SFWMD	WHIDDEN3_R	WHIDDEN3_R	26.94667	26.94667	Exterior-US
USGS	2292000	CALOOSAHATCHEE CA AT MOORE HAVEN FLA	26.83333	26.83333	Interior
USGS	2292480	CALOOSAHATCHEE CANAL AT ORTONA LOCK NR LA BELLE	26.78944	26.78944	Inflow
USGS	2292900	CALOOSAHATCHEE RIVER AT S-79, NR.OLGA, FLA	26.72361	26.72361	Outflow
USGS	242	Caloosahatchee River, NW of Caloosahatchee Bridge	26.64389	26.64389	Exterior-DS

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
USGS	28020006	CALOOSAHATCHEE R SR 78B BR	26.71333	26.71333	Interior
USGS	28020019	CALOOSAHATCHEE R FRANKLIN LOCK	26.72306	26.72306	Exterior-DS
USGS	28020020	CALOOSAHATCHEE R ORTONA LOCK MID	26.79111	26.79111	Inflow
USGS	28020021	CALOOSAHATCHEE R US 27 BR MOOR H	26.83139	26.83139	Interior
USGS	28020022	CALOOSAHATCHEE 4 MOORE HAVEN LOCK	26.83972	26.83972	Interior
USGS	28020273FTM	Caloosahatchee River at marker 2	26.78858	26.78858	Inflow
USGS	28020274FTM	Caloosahatchee River west of SR29 bridge	27.76897	27.76897	Outflow
USGS	28020275FTM	Caloosahatchee River off Townsend Canal	26.71472	26.71472	Exterior-DS
USGS	28020276FTM	Caloosahatchee River 0.25 mi west of Alva	26.71536	26.71536	Interior
USGS	28020277FTM	Caloosahatchee River east of Olga WTP	26.71972	26.71972	Outflow
USGS	350	Caloosahatchee River, east of Chantry Canal	26.62278	26.62278	Outflow
USGS	3568	CALOOSAHATCHEE RIVER AT S.R. 79 NEAR OLGA	26.72896	26.72896	Outflow
USGS	480	Caloosahatchee River, 1 mile east of Plato Canal	26.57694	26.57694	Exterior-DS
USGS	610	Caloosahatchee River, 1 mile S of Bimini Canal	26.53528	26.53528	Exterior-DS
USGS	620	Caloosahatchee River, middle of Glaver Bight	26.53556	26.53556	Exterior-DS
USGS	CAL01	Caloosahatchee River	26.71782	26.71782	Exterior-DS
USGS	CAL02	Caloosahatchee River	26.71146	26.71146	Exterior-DS

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
USGS	CAL03	Caloosahatchee River	26.71396	26.71396	Interior
USGS	CAL04	Caloosahatchee River	26.76982	26.76982	Outflow
USGS	CAL05	Caloosahatchee River	26.71086	26.71086	Exterior-DS
USGS	CHA200216	Charlotte Harbor	26.67241	26.67241	Exterior-DS
USGS	CHA200218	Charlotte Harbor	26.64697	26.64697	Exterior-DS
USGS	CHA200222	Charlotte Harbor	26.56435	26.56435	Exterior-DS
USGS	CHA200225	Charlotte Harbor	26.52981	26.52981	Exterior-DS
USGS	STR200116	StateNonTrend - Caloosahatchee River	26.53646	26.53646	Exterior-DS
USGS	STR200217	StateNonTrend - Caloosahatchee River	26.53273	26.53273	Exterior-DS
Crescent Lake					
FDEP	22628				Interior
FDEP	22628A				Interior
NOAA	81978	Crescent City	29.41667	29.41667	Unknown
NOAA	82915	Federal Point	29.75000	29.75000	Unknown
NOAA	86753	Palatka	29.65000	29.65000	Unknown
SJRWMD	CRESLM	Crescent Lake at Outlet to Dunns Creek	29.52956	29.52956	Outflow
SJRWMD	DUNNSCRK	Dunns Cr Midway betw Crescent L & SJR	29.56347	29.56347	Outflow
SJRWMD	SAVCRL2I	Crescent Lake site #2 inside grassbed	29.50333	29.50333	Inflow
US EPA	111280	ST JOHNS R US 17 AT PALATKA	29.56667	29.56667	Outflow
US EPA	111280A	ST JOHNS R US 17 AT PALATKA	29.56667	29.56667	Outflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	120601	LAKE CRESCENT	29.38750	29.38750	Interior
US EPA	120602	LAKE CRESCENT	29.44583	29.44583	Interior
US EPA	120603	LAKE CRESCENT	29.49861	29.49861	Interior
US EPA	1206B1	HAW CREEK	29.39167	29.39167	Inflow
US EPA	14262	SJB-LR-1004	29.55669	29.55669	Outflow
US EPA	14274	SJB-LR-1025	29.56987	29.56987	Outflow
US EPA	14830	SJB-LL-1002	29.45393	29.45393	Interior
US EPA	14831	SJB-LL-1003	29.47868	29.47868	Interior
US EPA	14832	SJB-LL-1004	29.51675	29.51675	Interior
US EPA	14835	SJB-LL-1008	29.45653	29.45653	Interior
US EPA	14836	SJB-LL-1010	29.45018	29.45018	Interior
US EPA	14837	SJB-LL-1011	29.46998	29.46998	Interior
US EPA	14839	SJB-LL-1013	29.47553	29.47553	Interior
US EPA	14841	SJB-LL-1016	29.50334	29.50334	Interior
US EPA	14842	SJB-LL-1017	29.42489	29.42489	Interior
US EPA	14843	SJB-LL-1018	29.40418	29.40418	Interior
US EPA	14845	SJB-LL-1020	29.52472	29.52472	Outflow
US EPA	14847	SJB-LL-1024	29.48831	29.48831	Interior
US EPA	14848	SJB-LL-1026	29.46887	29.46887	Interior
US EPA	14849	SJB-LL-1027	29.44183	29.44183	Interior
US EPA	14850	SJB-LL-1028	29.49417	29.49417	Interior
US EPA	14851	SJB-LL-1029	29.48097	29.48097	Interior
US EPA	14852	SJB-LL-1030	29.50192	29.50192	Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	14853	SJB-LL-1031	29.39850	29.39850	Interior
US EPA	14855	SJB-LL-1035	29.49908	29.49908	Interior
US EPA	14856	SJB-LL-1036	29.42781	29.42781	Interior
US EPA	14857	SJB-LL-1037	29.46496	29.46496	Inflow
US EPA	20030274	CRESCENT LK BY MARKER NO.2	29.52686	29.52686	Outflow
US EPA	20030275	CRESCENT L 2 E TIP BEAR ISL	29.44167	29.44167	Interior
US EPA	20030276	CRESCENT L 3 S END L	29.38333	29.38333	Interior
US EPA	20030277	CRESCENT L 4 2/3 UP L BOAT RAMP	29.47917	29.47917	Interior
US EPA	20030363	DUNNS CR SW PARADISE VILLAGE WWTP	29.56997	29.56997	Outflow
US EPA	20030383	SEGMENT 20.3JA BODY OF WATE	29.41917	29.41917	Interior
US EPA	20030384	CRESCENT LAKE SALT BRANCH CANAL	29.50333	29.50333	Inflow
US EPA	20030385	HAW CREEK AT MOUTH	29.39847	29.39847	Inflow
US EPA	20030408	CRESCENT LK BY RED MARKER NO.4	29.46142	29.46142	Interior
US EPA	20030409	CRESCEN LK BY MARKER NO. 6	29.46144	29.46144	Interior
US EPA	20030410	CRESCENT LK BY MARKER NO.7	29.43733	29.43733	Interior
US EPA	20030411	CRESCENT LK BY MARKER NO.9	29.39222	29.39222	Inflow
US EPA	20030411	CRESCENT LAKE AT MARKER 9	29.39222	29.39222	Inflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	20030415	HAW CREEK AT CONF WITH LITTLE HA	29.39194	29.39194	Inflow
US EPA	20030459	CRESCENT LK CENTER OF NORTH LOBE	29.50033	29.50033	Interior
US EPA	20030460	CRESCENT LAKE SOUTH AT EASTERLY BEND	29.39100	29.39100	Interior
US EPA	20030461	DEAD LAKE CENTER	29.41517	29.41517	Inflow
US EPA	20030467	SALT BRANCH AT SR 100	29.51228	29.51228	Inflow
US EPA	20030469	DUNNS CR NE PARADISE VILLAGE WWTP	29.57036	29.57036	Outflow
US EPA	20030662	HAW CREEK OFF CR 2007	29.39453	29.39453	Inflow
US EPA	20030662	HAW CREEK OFF CR 2007	29.39453	29.39453	Inflow
US EPA	3518	CRESCENT LK BY MARKER NO.9	29.39222	29.39222	Inflow
US EPA	7886	CRESCENT LAKE MIDDLE	29.48417	29.48417	Interior
US EPA	CRESLK	CRESCENT LAKE	29.44750	29.44750	Interior
US EPA	GFCCR0186	CRESCENT LAKE 1/2 MILES SOUTH OF BEAR ISLAND	29.42861	29.42861	Interior
US EPA	GFCCR0187	CRESCENT LAKE MID LAKE BTWN SALT BR. AND UNION A	29.48417	29.48417	Interior
US EPA	GFCCR0195	CRESCENT LAKE MID LAKE	29.42500	29.42500	Interior
US EPA	HAW	HAW CREEK MOUTH AT DEAD LAKE	29.39833	29.39833	Inflow
US EPA	HAW010	HAW CREEK	29.39444	29.39444	Inflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	LSJ075	HAW CREEK AT HWY 305	29.39444	29.39444	Inflow
US EPA	SAC	SALT CREEK @ SR 100	29.50333	29.50333	Inflow
USGS	2244320	MIDDLE HAW CREEK NR KORONA, FLA.	29.35972	29.35972	Inflow
USGS	2244420	LITTLE HAW CR NR SEVILLE, FLA.	29.32222	29.32222	Inflow
USGS	2244440	DUNNS CREEK NEAR SATSUMA, FL	29.57750	29.57750	Outflow
USGS	2244440A	DUNNS CREEK NEAR SATSUMA, FL	29.57750	29.57750	Outflow
Emeralda Marsh Conservation Area					
NOAA	85076	Lisbon	28.86667	28.86667	Unknown
SJRWMD	ASHLEYA1	Ashley Farm Area 1 at EMCA WL	28.93590	28.93590	Interior
SJRWMD	EMFWILLO	Long Farm Area 5 at EMCA WL	28.91530	28.91530	Outflow
SJRWMD	EUSBOT	Eustis Muck Farm Area 7 at EMCA WL	28.92090	28.92090	Interior
SJRWMD	EUSMUCK1	Eustis Muck Farm #1 at Old Shed WL	28.91690	28.91690	Interior
SJRWMD	EUSMUCK2	Eustis Muck Farm #2 nr Eustis WL	28.91450	28.91450	Interior
SJRWMD	GFW1-2	Internal Griffin Flow-way Site; Phase 1; Station 2	28.90895	28.90895	Interior
SJRWMD	GFW1-3	Internal Griffin Flow-way Site; Phase 1; Station 3	28.88980	28.88980	Interior
SJRWMD	GFW1-4	Internal Griffin Flow-way Site; Phase 1; Station 4	28.89164	28.89164	Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
SJRWMD	GFWA3SP	Griffin Flowway Area 3 Site P at EMCA WL	28.90670	28.90670	Interior
SJRWMD	GFWRLISB	Griffin Flow-Way Site R nr Lisbon Flowmeter	28.90320	28.90320	Inflow
SJRWMD	GFWWLISB	Griffin Flowway Site W nr Lisbon Flowmeter	28.88250	28.88250	Outflow
SJRWMD	GFWYLISB	Griffin Flow-Way Site Y nr Lisbon Flowmeter	28.88830	28.88830	Outflow
SJRWMD	GFWZLISB	Griffin Flow-Way Site Z nr Lisbon Flowmeter	28.89010	28.89010	Outflow
SJRWMD	GRFWW	Griffin Floway W WL	28.88200	28.88200	Outflow
SJRWMD	GRIF36	Griffin Flowway Pump T Flowmeter	28.88720	28.88720	Outflow
SJRWMD	GRIFF3CN	Griffin Flowway at 3 Culverts North WL	28.90280	28.90280	Interior
SJRWMD	GRIFF3CS	Griffin Flowway at 3 Culverts South WL	28.90280	28.90280	Interior
SJRWMD	GRIFFEQ	Griffin Flowway Site Q East WL	28.90510	28.90510	Interior
SJRWMD	Griffin Floway U WL	Griffin Floway U WL	28.88200	28.88200	Outflow
SJRWMD	GRIFFINK	Griffin Flowway Site K WL	28.89780	28.89780	Interior
SJRWMD	GRIFFIT	Griffin Flowway Cell T at T-J Levee WL	28.89550	28.89550	Interior
SJRWMD	GRIFFIZ	Griffin Flowway Cell Z at T-J Levee WL	28.89550	28.89550	Interior
SJRWMD	GRIFFMQ	Griffin Flowway Site Q Middle Flowmeter	28.90510	28.90510	Interior
SJRWMD	GRIFFNQ	Griffin Flowway Site Q North Flowmeter	28.90510	28.90510	Interior
SJRWMD	GRIFFSQ	Griffin Flowway Site Q South Flowmeter	28.90510	28.90510	Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
SJRWMD	GRIFFWQ	Griffin Flowway Site Q West WL	28.90510	28.90510	Interior
SJRWMD	GRIFSU	Griffin Flowway Pump U Flowmeter	28.88610	28.88610	Outflow
SJRWMD	HCOXTA	oxbow downstream from pump T	28.88704	28.88704	Exterior-DS
SJRWMD	HCOXYA	oxbow downstream from pump Y	28.88083	28.88083	Exterior-DS
SJRWMD	HCOXZA	oxbow downstream from pump Z	28.89305	28.89305	Exterior-DS
SJRWMD	HICKDN	Hicks Ditch downstrm East Rd culvert Pine Meadow	28.88790	28.88790	Exterior-DS
SJRWMD	LBCA	LOWRIE BROWN; SOUTH POOL	28.87485	28.87485	Interior
SJRWMD	LBIA	LOWRIE BROWN; SOUTH POOL	28.88030	28.88030	Interior
SJRWMD	LBNWA	LOWRIE BROWN; NORTHWEST POOL	28.88494	28.88494	Interior
SJRWMD	LFNA	LONG FARM; NORTH	28.90806	28.90806	Interior
SJRWMD	LFSA	LONG FARM; SOUTH	28.90111	28.90111	Interior
SJRWMD	LGNA	LAKE GRIFFIN; NORTH	28.92156	28.92156	Exterior-DS
SJRWMD	LOWRYB	Lowrie Brown Staff at Pump House WL	28.87750	28.87750	Interior
SJRWMD	PINEME	Pine Meadows east side near SW end of Springhill F	28.88947	28.88947	Exterior-DS
SJRWMD	PINEMS	Pine Meadows south bypass canal upstream of discha	28.88665	28.88665	Exterior-DS
SJRWMD	PINEMW	Pine Meadows west side at discharge to Hicks ditch	28.88728	28.88728	Exterior-DS
SJRWMD	SNKNA	S.N. KNIGHT NORTH; CENTER	28.91170	28.91170	Interior
SJRWMD	SNKSAA	S.N. KNIGHT SOUTH; NORTHEAST INTERNAL	28.90301	28.90301	Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
SJRWMD	SNKSBA	S.N. KNIGHT SOUTH; NORTHWEST INTERNAL	28.90316	28.90316	Interior
SJRWMD	SNKSCA	S.N. KNIGHT SOUTH; SOUTHWEST INTERNAL	28.89771	28.89771	Interior
SJRWMD	SNKSDA	S.N. KNIGHT SOUTH; SOUTHEAST INTERNAL	28.89786	28.89786	Interior
SJRWMD	SNKSHA	CABBAGE HAMMOCK; CENTER	28.91055	28.91055	Interior
SJRWMD	SNKSQA	"S. N. KNIGHT SOUTH; ""Q"" INTAKE"	28.90511	28.90511	Inflow
SJRWMD	SNKSRA	"S.N. KNIGHT SOUTH; ""R"" INTAKE"	28.90322	28.90322	Inflow
SJRWMD	SNKST	S.N. KNIGHT SOUTH; T DISCHARGE PUMP. Was OKKLS	28.88737	28.88737	Outflow
SJRWMD	SNKSUA	"S.N. KNIGHT SOUTH; ""U"" DISCHARGE PUMP"	28.88614	28.88614	Outflow
SJRWMD	SNKSVA	"S.N. KNIGHT SOUTH; ""V"" GRAVITY DISCHARGE"	28.88200	28.88200	Outflow
SJRWMD	SNKSWA	W discharge pump - when operating - sample from in	28.88194	28.88194	Outflow
SJRWMD	SNKSX	EPFW x culvert; flows into retention pond 20 m fro	28.88217	28.88217	Inflow
SJRWMD	SNKSYA	"S.N. KNIGHT SOUTH; ""Y"" DISCHARGE PUMP"	28.88837	28.88837	Outflow
SJRWMD	SNKSZA	"S.N. KNIGHT SOUTH; ""Z"" DISCHARGE PUMP"	28.89012	28.89012	Outflow
SJRWMD	WRFVEG	Walker Ranch in shallow marsh center of site	28.91282	28.91282	Interior
SJRWMD	YGCAA	YALE-GRIFFIN CANAL east of confluence with LAKE GR	28.90982	28.90982	Exterior-US

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
SJRWMD	YGCCA	YALE-GRIFFIN CANAL west of Emeralda Island Rd	28.91032	28.91032	Exterior-US
SJRWMD	YLCANE	Walker Ranch Area 6 at Emeralda Road WL	28.91190	28.91190	Interior
SJRWMD	YLCANW	Knight North Area 2 at EMCA WL	28.91070	28.91070	Interior
US EPA	03080102-EM-01	Eustis Muck Farm Station 1	28.92392	28.92392	Interior
US EPA	03080102-KFL-01	Emeralda Restoration Area 3 at the intake from Yal	28.90791	28.90791	Inflow
US EPA	03080102-KFL-02	Emeralda Restoration Area 3 Z pump outflow near La	28.88881	28.88881	Outflow
US EPA	03080102-KFL-03	Emeralda Restoration Area 3 center of lake	28.89754	28.89754	Interior
US EPA	03080102-KFL-05	Emeralda Restoration Area 3 intake rim canal R str	28.90357	28.90357	Inflow
US EPA	03080102-KFL-06	Haines Creek upstream of Emeralda Restoration Area	28.88110	28.88110	Exterior-US
US EPA	03080102-KFN-02	Emeralda Restoration Area 2 mid lake	28.91323	28.91323	Interior
US EPA	03080102-LF-04	Emeralda Restoration Area 5 center of lake	28.91239	28.91239	Interior
US EPA	03080102-LG-01A	Lake Griffin Q Intake	28.90560	28.90560	Inflow
US EPA	03080102-LG-07	Emeralda Restoration Area 3 V outflow	28.88193	28.88193	Outflow
US EPA	03080102-LG-08	Emeralda Restoration Area 3 T pump outflow	28.88697	28.88697	Outflow
US EPA	03080102-LG-Y	Emeralda Restoration Area 3 Y pump outflow	28.88767	28.88767	Outflow
US EPA	111950	HAINES CR INLET TO LAKE GRIFFIN	28.89056	28.89056	Exterior-DS

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	1214B1	HAINES CREEK	28.87500	28.87500	Exterior-DS
US EPA	20020370	HAINES CR BELOW BURRELL LOCK	28.87247	28.87247	Exterior-DS
US EPA	20020382	LAKE GRIFFIN TWO MI FROM NORTH C	28.92306	28.92306	Exterior-DS
US EPA	20020457	Lake Yale Canal SW of Florida Baptist Retreat	28.92350	28.92350	Exterior-DS
US EPA	20020458	Lake Yale Canal @ CR 452 bridge	28.92105	28.92105	Exterior-DS
US EPA	20029905	HAINES CREEK @ MOUTH OF LAKE GRIFFIN	28.89028	28.89028	Exterior-DS
US EPA	2238000	HAINES CREEK AT LISBON	28.87056	28.87056	Exterior-DS
US EPA	7973	SJD-LL-1033	28.90060	28.90060	Exterior-DS
US EPA	GFCCR0487	S. N. KNIGHT FARM NORTH LEVEE ACCESS	28.92067	28.92067	Unknown
US EPA	GFCCR0488	LOWERY BROWN FARM SOUTH ACCESS ROAD	28.91683	28.91683	Unknown
US EPA	GFCCR0504	LONG FARM AT THE INTAKE STRUCTURE	28.91711	28.91711	Inflow
US EPA	GFCCR0505	LONG FARM IN LAKE GRIFFIN CANAL	28.91711	28.91711	Inflow
US EPA	GFCCR0506	LONG FARM SOUTH SIDE	28.90761	28.90761	Interior
US EPA	GFCCR0511	LONG FARM CENTER OF LAKE	28.91239	28.91239	Interior
US EPA	GFCCR0570	KNIGHT FARM LISBON INTAKE PIPE - YALE CANAL	28.90792	28.90792	Inflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	GFCCR0571	KNIGHT FARM LISBON PUMP OUTFALL NEAR GRIFFIN	28.88881	28.88881	Outflow
US EPA	GFCCR0572	KNIGHT FARM LISBON MID-LAKE	28.89753	28.89753	Interior
US EPA	GFCCR0573	KNIGHT FARM NORTH MID-LAKE	28.91322	28.91322	Interior
US EPA	GFCCR0575	EUSTIS MUCK FARM CENTER OF LAKE	28.92392	28.92392	Interior
US EPA	OR020	LAKE GRIFFIN 1.3 KM NW HAINES CREEK MOUTH	28.89417	28.89417	Exterior-DS
US EPA	OR023	YALE-GRIFFIN CANAL AT SR 452	28.92056	28.92056	Exterior-DS
US EPA	ORC1	HAINES CREEK @ STRUCTURE	28.87140	28.87140	Exterior-DS
US EPA	ORC3	SJRWMD GRIFFIN FLOWAY OUTFALL @ HAINES CREEK	28.88194	28.88194	Outflow
US EPA	ORC6	HAINES CREEK @ MOUTH TO LAKE GRIFFIN	28.89139	28.89139	Exterior-DS
FP&L Martin County Reservoir					
NOAA	83207	Fort Pierce	27.46667	27.46667	Unknown
SFWMD	SL20.0	C44, Mid Canal, 20.0 miles West of S80	27.00616	27.00616	Unknown
SFWMD	SL20.1TN	Privite Pump Station, North Side of C44, 20.1 mile	27.00589	27.00589	Unknown
SFWMD	SL21.3TS	Weir, South Site of C44, 21.3 miles West of S80	26.99700	26.99700	Unknown
SFWMD	SL21.4TN	FPL Intake/Outflow, North Side of C44, 21.4 miles	26.99755	26.99755	Unknown
Kenansville Lake					

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
NOAA	83137	Fort Drum	27.58333	27.58333	Unknown
NOAA	89214	Vero Beach	27.65000	27.65000	Unknown
NOAA	89219	Vero Beach	27.63333	27.63333	Unknown
SJRWMD	SNKCEN	Center of Kenansville Lake aka SN Knight property	27.81010	27.81010	Interior
US EPA	GFCCR0539	S. N. KNIGHT INDIAN RIVER NORTH SECTION	27.81250	27.81250	Interior
US EPA	GFCCR0540	S. N. KNIGHT INDIAN RIVER SOUTH SECTION	27.79756	27.79756	Interior
US EPA	S250DO	OUTLET OF S250D IN ST JOHNS MARSH CONSERV AREA	27.82292	27.82292	Outflow
US EPA	SNKPSE	SN KNIGHT PROPERTY BY PUMP IN SE CORNER	27.79278	27.79278	Inflow
Keystone Lake					
Hills. Co	2307242	L27P - LAKE KEYSTONE	28.14528	28.14528	Unknown
Hills. Co	FLO-2481	LAKE KEYSTONE CAN AT STR	28.14728	28.14728	Outflow
Hills. Co	Keystone	LAKE KEYSTONE CAN AT STR	28.13640	28.13640	Outflow
Hills. Co	Keystone Lake	KEYSTONE LAKE	28.13640	28.13640	Unknown
Hills. Co	RNF-163	ISLAND FORD LAKE	28.15222	28.15222	Exterior-US
Hills. Co	RNF-390	CRESCENT LAKE	28.15500	28.15500	Exterior-US
Hills. Co	RNF-394	ISLAND FORD	28.15250	28.15250	Exterior-US
Hills. Co	RNF-474	SUNSET LAKE	28.13869	28.13869	Exterior-US
Hills. Co	RNF-84	CHURCH LAKE	28.10444	28.10444	Exterior-US
Hills. Co	STA-224	KEYSTONE LAKE	28.13639	28.13639	Outflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
SWFWMD	GW-10776	CAMP KEYSTONE WRAP 29 FLD	28.16140	28.16140	Exterior-US
SWFWMD	GW-10805	CAMP KEYSTONE WRAP 30 SUR	28.16139	28.16139	Exterior-US
USGS	02307242	KEYSTONE LAKE NEAR ODESSA FL	28.14722	28.14722	Outflow
USGS	02307243	BROOKER CREEK NEAR ODESSA FL	28.14722	28.14722	Outflow
Lake Calm					
Hills. Co	Calm	CALM	28.13889	28.13889	Outflow
Hills. Co	RNF-163	ISLAND FORD LAKE	28.15222	28.15222	Exterior-US
Hills. Co	RNF-390	CRESCENT LAKE	28.15500	28.15500	Exterior-US
Hills. Co	RNF-394	ISLAND FORD	28.15250	28.15250	Exterior-US
Hills. Co	RNF-474	SUNSET LAKE	28.13869	28.13869	Exterior-US
Hills. Co	RNF-84	CHURCH LAKE	28.10444	28.10444	Exterior-US
Hills. Co	STA-460	CALM LAKE NEAR ODESSA FL	28.14261	28.14261	Outflow
USGS	02307227	CALM LAKE NEAR ODESSA FL	28.13889	28.13889	Outflow
USGS	2307227	CALM LAKE NEAR ODESSA FL	29.14261	29.14261	Interior
Lake Carroll					
Hills. Co	2.3066e+006				Unknown
Hills. Co	2.8025508229e+014				Unknown
Hills. Co	2.80255e+014				Unknown
Hills. Co	2.8031508229e+014				Unknown
Hills. Co	2.80315e+014				Unknown

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
Hills. Co	2306600	LAKE CARROLL NEAR SULPHUR SPRINGS FL	28.04972	28.04972	Unknown
Hills. Co	280255082292000	LAKE CARROLL SAMPLE SITE 2 NEAR SULPHUR SPRINGS FL	28.04891	28.04891	Outflow
Hills. Co	280255082292000+E1478				Unknown
Hills. Co	280255082292000+E1653				Unknown
Hills. Co	280255082292000+E1793				Unknown
Hills. Co	280255082292000+E1933				Unknown
Hills. Co	280255082292000+E2381				Unknown
Hills. Co	280315082290500	LAKE CARROLL SAMPLE SITE 1 NEAR SULPHUR SPRINGS FL	28.05446	28.05446	Unknown
Hills. Co	280315082290500+E1338				Unknown
Hills. Co	Carroll	LAKE CARROLL	28.04974	28.04974	Unknown
Hills. Co	STA-516	LAKE CARROLL	28.04972	28.04972	Unknown
Hills. Co	STA-613	LAKE CARROLL AT STRUCTURE	28.04600	28.04600	Outflow
USGS	02306600	LAKE CARROLL NEAR SULPHUR SPRINGS FL	28.05556	28.05556	Interior
Lake Disston					
NOAA	82150	Daytona Beach	29.19028	29.19028	Unknown
NOAA	82158	Daytona Beach WSO Airport	29.18333	29.18333	Unknown
NOAA	82229	Deland	29.06667	29.06667	Unknown

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
SJRWMD	CLD	CENTER OF LAKE DISSTON	29.28850	29.28850	Interior
SJRWMD	LSJ070	LITTLE HAW CREEK AT US 305	29.32014	29.32014	Outflow
US EPA	14838	SJB-LL-1012	29.28924	29.28924	Interior
US EPA	20010123	SPRING GARDEN LAKE, CENTER	29.28722	29.28722	Interior
US EPA	20030085	Little Haw Cr 60 M North of Lake Disston	29.29847	29.29847	Outflow
US EPA	20030401	LAKE DISSTON SE QUADRANT	29.28100	29.28100	Interior
US EPA	20030402	LAKE DISSTON CENTER	29.28050	29.28050	Interior
US EPA	20030466	Little Haw Creek at SR11	29.27408	29.27408	Inflow
US EPA	20030508	Little Haw Cre at SR 305	29.32039	29.32039	Outflow
US EPA	20030716	LAKE DISSTON NORTH SHORE	29.29578	29.29578	Outflow
US EPA	20030717	LAKE DISSTON SOUTHWEST SECTOR	29.27300	29.27300	Interior
US EPA	DISSTON1	DISSTON1_FLAGLER_CO_SEE _NOTE	29.28389	29.28389	Interior
US EPA	DISSTON2	DISSTON2_FLAGLER_CO_SEE _NOTE	29.28389	29.28389	Interior
US EPA	DISSTON3	DISSTON3_FLAGLER_CO_SEE _NOTE	29.28389	29.28389	Interior
US EPA	FLA-DISSTON-1	Flagler-Disston-1	29.28389	29.28389	Interior
US EPA	FLA-DISSTON-2	Flagler-Disston-2	29.28389	29.28389	Interior
US EPA	FLA-DISSTON-3	Flagler-Disston-3	29.28389	29.28389	Interior
USGS	2244420	LITTLE HAW CR NR SEVILLE, FLA.	29.32222	29.32222	Outflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
Lake George					
FDEP	22640				Interior
FDEP	22665				Interior
FDEP	23274				Interior
NOAA	82150	Daytona Beach	29.19028	29.19028	Unknown
NOAA	82158	Daytona Beach WSO Airport	29.18333	29.18333	Unknown
NOAA	82229	Deland	29.06667	29.06667	Unknown
NOAA	83321	Gainesville	29.63333	29.63333	Unknown
NOAA	83322	Gainesville	29.68333	29.68333	Unknown
NOAA	83326	Gainesville Muni Arpt	29.68333	29.68333	Unknown
SJRWMD	20030373	ST JOHNS RIVER AT CM 72	29.37764	29.37764	Outflow
SJRWMD	LAG	LAKE GEORGE AT M 9	29.25494	29.25494	Interior
SJRWMD	LG12	SJR btw Drayton Isl and Hog Isl, Mid Channel	29.37842	29.37842	Outflow
SJRWMD	MSJFGF	Middle St Johns R Near Ft Gates Ferry	29.42992	29.42992	Outflow
US EPA	121001	LAKE GEORGE	29.21528	29.21528	Interior
US EPA	121002	LAKE GEORGE	29.25000	29.25000	Interior
US EPA	121004	LAKE GEORGE	29.33333	29.33333	Interior
US EPA	121005	LAKE GEORGE	29.32083	29.32083	Interior
US EPA	1210A1	ST JOHNS RIVER	29.38333	29.38333	Outflow
US EPA	20010163	L GEORGE AT MARKER #4 & 5	29.33497	29.33497	Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	20010164	L GEO NW CRN 150 YDS E SALT SPRG	29.32447	29.32447	Inflow
US EPA	20010167	SJR above Oklawaha @ marker 60,1/2 mi s. of Little	29.43178	29.43178	Interior
US EPA	20010335	Silver Glenn Springs run where the run meets Lake	29.24836	29.24836	Interior
US EPA	20010358	Silver Glenn Springs at main boil.	29.24578	29.24578	Interior
US EPA	20010454	Juniper Creek 100 yards upstream of Highway 19	29.21361	29.21361	Inflow
US EPA	20030519	SJR above Oklawaha @ marker 65	29.41945	29.41945	Interior
US EPA	20030520	SJR above Oklawaha @ Marker 59	29.43361	29.43361	Interior
US EPA	3515	ST. JOHNS RIVER AT HWY 40 NEAR ASTOR	29.16806	29.16806	Interior
US EPA	50205	SALT SPRINGS REC AREA	29.35056	29.35056	Inflow
US EPA	50206	SALT SPRINGS REC AREA	29.35056	29.35056	Inflow
US EPA	50208	SILVER GLENN SPRINGS	29.24500	29.24500	Inflow
US EPA	50209	SILVER GLENN SPRINGS	29.24500	29.24500	Inflow
US EPA	50523	CEMETARY LAKE	29.20222	29.20222	Inflow
US EPA	9687	SILVER GLEN SPRINGS	29.24584	29.24584	Interior
US EPA	GEORGE107-1	GEORGE LAKE IN PUTNAM CO-SEE NOTE	29.30583	29.30583	Interior
US EPA	GEORGE107-2	GEORGE LAKE IN PUTNAM CO-SEE NOTE	29.30583	29.30583	Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	GEORGE107-3	GEORGE LAKE IN PUTNAM CO-SEE NOTE	29.30583	29.30583	Interior
US EPA	GFCCR0057	LAKE GEORGE SOUTH OF DRAYTON ISLAND	29.35689	29.35689	Outflow
US EPA	GFCCR0058	LAKE GEORGE SOUTH END NEAR JUNIPER RUN	29.20472	29.20472	Inflow
US EPA	GFCCR0179	ST. JOHNS RIVER CM 22 AT ENTRANCE TO CROSS CREEK	29.19000	29.19000	Inflow
US EPA	GFCCR0180	LAKE GEORGE JUST OUTSIDE BOAT FENDERS	29.21000	29.21000	Inflow
US EPA	GFCCR0181	LAKE GEORGE FLASHING LIGHT AT L. GEORGE POINT	29.37111	29.37111	Outflow
US EPA	MAR-SIVERGLEN-1	Marion-Silver Glen-1	29.24486	29.24486	Inflow
US EPA	MAR-SIVERGLEN-2	Marion-Silver Glen-2	29.24486	29.24486	Inflow
US EPA	MAR-SIVERGLEN-3	Marion-Silver Glen-3	29.24486	29.24486	Inflow
US EPA	PUT-GEORGE-1	Putnam-George-1	29.30583	29.30583	Interior
US EPA	PUT-GEORGE-2	Putnam-George-2	29.30583	29.30583	Interior
US EPA	PUT-GEORGE-3	Putnam-George-3	29.30583	29.30583	Interior
US EPA	PUT-GEORGEEA-1	Putnam-George East-1	29.29839	29.29839	Interior
US EPA	PUT-GEORGEEA-2	Putnam-George East-2	29.29839	29.29839	Interior
US EPA	PUT-GEORGEEA-3	Putnam-George East-3	29.29839	29.29839	Interior
US EPA	PUT-GEORGESO-1	Putnam-George South-1	29.23939	29.23939	Interior
US EPA	PUT-GEORGESO-2	Putnam-George South-2	29.23939	29.23939	Interior
US EPA	PUT-GEORGESO-3	Putnam-George South-3	29.23939	29.23939	Interior
US EPA	SILVER GLENN1	LAKE SILVER GLENN1 IN MARION CO.-SEE NOTE	29.24486	29.24486	Inflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	SILVER GLENN2	LAKE SILVER GLENN2 IN MARION CO.-SEE NOTE	29.24486	29.24486	Inflow
US EPA	SILVER GLENN3	LAKE SILVER GLENN3 IN MARION CO.-SEE NOTE	29.24486	29.24486	Inflow
US EPA	SJ27	ST. JOHNS RIVER 0.5 MI. SOUTH OF HWY 40 - ASTOR	29.16806	29.16806	Inflow
US EPA	SJ28	ST. JOHNS RIVER AT CM 19	29.20111	29.20111	Inflow
US EPA	SJ29	LAKE GEORGE AT CM 9	29.25528	29.25528	Inflow
US EPA	VC-065	St. John's River, about 1/2 mile S. of S.R.40	29.16806	29.16806	Inflow
US EPA	VC-066	St. John's River, at CM 19	29.20111	29.20111	Inflow
US EPA	VC-067	St. John's River, at center of Lake George, at CM	29.25528	29.25528	Interior
USGS	2236125	ST. JOHNS RIVER AT ASTOR, FLA.	29.16667	29.16667	Inflow
Lake Harney					
NOAA	87982	Sanform Experiment Stn	28.80000	28.80000	Unknown
NOAA	88942	Titusville	28.61667	28.61667	Unknown
SJRWMD	SJR-OLH	Lake Harney Outfall - St. Johns River	28.79403	28.79403	Outflow
SJRWMD	SRN	Lake Harney Inflow	28.72211	28.72211	Inflow
US EPA	03080101-180	St. Johns River Station 34	28.78611	28.78611	Outflow
US EPA	20010008	ST JOHNS R AT EFF END OF L HARNE	28.79097	28.79097	Outflow
US EPA	20010026	Lake Harney, Center of Lake	28.75833	28.75833	Interior
US EPA	20010533	SJR upstream of Econ River	28.69939	28.69939	Inflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	40106	ST. JOHNS RIVER, S.R. 46 BRIDGE	28.71417	28.71417	Interior
US EPA	40501	LAKE HARNEY, SE QUADRANT.	28.74333	28.74333	Interior
US EPA	40502	LAKE HARNEY, SW QUADRANT	28.75528	28.75528	Interior
US EPA	40503	LAKE HARNEY, NW QUADRANT.	28.77444	28.77444	Interior
US EPA	40504	LAKE HARNEY, NE QUADRANT.	28.77611	28.77611	Interior
US EPA	40758	ST. JOHNS RIVER, OFF OSCEOLA FISH CAMP.	28.79194	28.79194	Interior
US EPA	BBS	ST JOHNS RIVER AT USGS GAGE AT SR 46	28.71389	28.71389	Interior
US EPA	GFCCR0174	ST. JOHNS RIVER AT SR 46 BR. SOUTH OF L. HARNEY	28.71389	28.71389	Inflow
US EPA	GFCCR0188	ST. JOHNS RIVER EXIT TO LAKE HARNEY	28.78611	28.78611	Outflow
US EPA	HARNEY1	HARNEY IN VOLUSIA CO.- SEE NOTE	28.75444	28.75444	Interior
US EPA	HARNEY2	HARNEY IN VOLUSIA CO.- SEE NOTE	28.75444	28.75444	Interior
US EPA	HARNEY3	HARNEY IN VOLUSIA CO.- SEE NOTE	28.75444	28.75444	Interior
US EPA	ILH	LAKE HARNEY NEAR INLET	28.73361	28.73361	Inflow
US EPA	LHI	INLET OF LAKE HARNEY	28.73139	28.73139	Inflow
US EPA	SEM-ST-RIVER-1	Seminole-St. John's River-1-1	28.71117	28.71117	Inflow
US EPA	VC-041	St. John's River, at southern end of Lake Harney	28.72639	28.72639	Inflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	VC-042	St. Johns River, center of Lake Harney	28.76306	28.76306	Interior
US EPA	VC-043	St. Johns River, N of Lake Harney @ Old Osceola Fi	28.79333	28.79333	Outflow
US EPA	VOL-HARNEY-1	Volusia-Harney-1	28.75444	28.75444	Interior
US EPA	VOL-HARNEY-2	Volusia-Harney-2	28.75444	28.75444	Interior
US EPA	VOL-HARNEY-3	Volusia-Harney-3	28.75444	28.75444	Interior
USGS	2234000	ST. JOHNS RIVER ABOVE LAKE HARNEY NR GENEVA, FL	28.71389	28.71389	Inflow
Lake Howard					
NOAA	84707	Lake Alfred Exp Stn	28.10000	28.10000	Exterior-US
Polk Co	125005	PEACE RIVER AT US 98 DOWNSTREAM FROM SINK BRANCH	27.75111	27.75111	Exterior-DS
Polk Co	25020133	LAKE HOWARD POLK CO	28.02278	28.02278	Unknown
Polk Co	25020240	LAKE PARKER POLK CO	28.06519	28.06519	Unknown
Polk Co	25020247	LAKE PARKER 200 FT OFF SW SHORE	28.08778	28.08778	Unknown
Polk Co	GFCSR0352	LAKE PARKER N. END AT MOUTH OF CANAL TO L. CRAGO	28.08833	28.08833	Unknown
Polk Co	GFCSR0353	LAKE PARKER WARD'S COVE MCINTOSH POWER PLANT	28.04333	28.04333	Unknown
Polk Co	GFCSR0354	LAKE PARKER CNTR BTWN MCINTOSH & LARSEN POWER P.	28.04361	28.04361	Inflow
Polk Co	GFCSR0385	LAKE HOWARD NORTH END	28.02944	28.02944	Inflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
Polk Co	GFCSR0386	LAKE HOWARD SOUTH END	28.01750	28.01750	Outflow
Polk Co	HOWARD1	HOWARD LAKE IN POLK CO-SEE NOTE	28.02278	28.02278	Interior
Polk Co	HOWARD2	HOWARD LAKE IN POLK CO-SEE NOTE	28.02278	28.02278	Interior
Polk Co	HOWARD3	HOWARD LAKE IN POLK CO-SEE NOTE	28.02278	28.02278	Interior
Polk Co	HOWARD5	HOWARD LAKE N SHORE	28.02533	28.02533	Interior
SWFWMD	STA-127	LAKE HOWARD	28.01752	28.01752	Interior
US EPA	25020267	L43P - Lake Howard	28.02533	28.02533	Interior
US EPA	CANNON1	Cannon - Center	28.03550	28.03550	Exterior-US
US EPA	CANNON1-CA	Cannon - Center	28.03792	28.03792	Exterior-US
US EPA	CANNON1-CC	Cannon - Center	28.03792	28.03792	Exterior-US
US EPA	CANNON2	Cannon - East	28.04217	28.04217	Exterior-US
US EPA	CANNON3	Cannon - South	28.01800	28.01800	Inflow
US EPA	CANNON4	Cannon - West	28.03850	28.03850	Exterior-US
US EPA	CANNON5	Cannon - North	28.03500	28.03500	Exterior-US
US EPA	HOWARD1-CC	Howard Center	28.02320	28.02320	Interior
US EPA	MAY1-CC	Center Of Lake	28.01381	28.01381	Outflow
US EPA	POL-CANNON-1	Polk-Cannon-1	28.03778	28.03778	Exterior-US
US EPA	POL-CANNON-2	Polk-Cannon-2	28.03778	28.03778	Exterior-US
US EPA	POL-CANNON-3	Polk-Cannon-3	28.03778	28.03778	Exterior-US
US EPA	POL-HOWARD-1	Polk-Howard-1	28.02278	28.02278	Inflow
US EPA	POL-HOWARD-2	Polk-Howard-2	28.02278	28.02278	Interior
US EPA	POL-HOWARD-3	Polk-Howard-3	28.02278	28.02278	Outflow
US EPA	POL-MAY-1	Polk-May-1	28.01222	28.01222	Outflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	POL-MAY-2	Polk-May-2	28.01222	28.01222	Exterior-DS
US EPA	POL-MAY-3	Polk-May-3	28.01222	28.01222	Exterior-DS
USGS	02294036	LAKE HOWARD AT WINTER HAVEN FL	28.02222	28.02222	Outflow
USGS	2294036	LAKE HOWARD AT WINTER HAVEN FL	28.01750	28.01750	Outflow
USGS	280130081444200	LAKE HOWARD AT WINTER HAVEN FL (MID-LAKE)	28.02500	28.02500	Unknown
Lake Istokpoga					
SFWMD	S-68	S-68 SPILLWAY ON CANAL C-41A LAKE ISTOKPOGA	27.33003	27.33003	Outflow
SFWMD	S-68 TW	S-68 Tailwater	27.33003	27.33003	Outflow
SFWMD	S-70	S-70	27.11866	27.11866	Exterior-DS
SFWMD	S-70 TW	S-70 Tailwater	27.11866	27.11866	Exterior-DS
SFWMD	S-83	S-83	27.27143	27.27143	Exterior-DS
SFWMD	S-83 TW	S-83 Tailwater	27.27143	27.27143	Exterior-DS
SFWMD	S-84	S-84	27.21614	27.21614	Exterior-DS
SFWMD	S-84 Kiss	S-84 Kissimmee	27.21614	27.21614	Exterior-DS
SFWMD	S-84 Kiss TW	S-84 Kissimmee Tailwater	27.21614	27.21614	Exterior-DS
SFWMD	S-84 TW	S-84 Tailwater	27.21614	27.21614	Exterior-DS
US EPA	2271700	LAKE ISTOKPOGA NR DE SOTO CITY, FLA.	27.44083	27.44083	Inflow
US EPA	26010502	Lake Istokpoga	27.30972	27.30972	Outflow
US EPA	3503	LAKE ISTOKPOGA AT S68 C.R. 621	27.32921	27.32921	Outflow
US EPA	7390	SFA-HS-1033	27.31889	27.31889	Outflow
US EPA	7391	SFA-HS-1034	27.31333	27.31333	Outflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	7395	SFA-HS-1038	27.43833	27.43833	Inflow
US EPA	8754	SFA-LL-1009	27.42413	27.42413	Inflow
US EPA	ISTK1	ISTK1	27.43250	27.43250	Interior
US EPA	ISTK2	ISTK2	27.41556	27.41556	Exterior-US
USGS	2270500	ARBUCKLE CR NE DE SOTO FL	27.44222	27.44222	Inflow
USGS	2271500	JOSEPHINE CREEK NEAR DE SOTO CITY FL	27.37389	27.37389	Inflow
Lake Jessup					
FDEP	23279				Unknown
NOAA	87982	Sanform Experiment Stn	28.80000	28.80000	Unknown
NOAA	88942	Titusville	28.61667	28.61667	Unknown
SJRWMD	OW-1	SJR in Government Cut N of Lk Jesup & SR46	28.78639	28.78639	Outflow
SJRWMD	OW-2	Lk Jesup off Grassy Point	28.76477	28.76477	Interior
SJRWMD	OW-3	Lk Jesup betwn Seevee Island & Long Point	28.73492	28.73492	Interior
SJRWMD	OW-4	Lk Jesup W of bridge btwn Whites Lndg & Bird Islan	28.70528	28.70528	Interior
SJRWMD	OW-5	Lk Jesup between Caldwell Fields	28.70956	28.70956	Interior
SJRWMD	OW-6	Lk Jesup off center of Far W Arm	28.71490	28.71490	Interior
SJRWMD	OW-7	Lk Jesup betwn Marl Bed and Long Point	28.73906	28.73906	Interior
SJRWMD	OW-SJR-1	Mid SJR east of Barge Canal & east of JJ Fish Camp	28.78725	28.78725	Outflow
SJRWMD	OW-SJR-2	Mid SJR between Lakes Jesup and Monroe	28.79693	28.79693	Outflow
SJRWMD	SJR-415	St. Johns River at 415 Bridge	28.80262	28.80262	Outflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
SJRWMD	T-1	Rotten Egg Slough on the East side of Lake Jesup	28.75769	28.75769	Inflow
SJRWMD	T-10	Soldier Creek at SR419 off West End of Lake Jesup	28.71875	28.71875	Inflow
SJRWMD	T-11	Marsh west of Sanford Effluent site spray fields	28.74845	28.74845	Inflow
SJRWMD	T-12	Phelps Creek Delta at Pineway Rd north of Lk Jesup	28.74914	28.74914	Inflow
SJRWMD	T-13	Chub Creek Delta inside Naked Place NE of Lk Jesup	28.76283	28.76283	Inflow
SJRWMD	T-14	Soldiers Creek east side Lake Mary Rd	28.73361	28.73361	Inflow
SJRWMD	T-14S	Clifton Spgs nr Orange Boat Club & west of bridge	28.69889	28.69889	Inflow
SJRWMD	T-2	Salt Creek Delta on Upper East side of Lake Jesup	28.73267	28.73267	Inflow
SJRWMD	T-3	Six Mile Creek at Sanford Ave Canal NE of Lk Jesup	28.72777	28.72777	Inflow
SJRWMD	T-4	Sweetwater Creek west end Palm Ave east of Jesup	28.72161	28.72161	Inflow
SJRWMD	T-4A	Sweetwater Creek delta by Lake Jesup	28.73290	28.73290	Inflow
SJRWMD	T-5	Howell Creek Delta on SW end of Lake Jesup	28.70067	28.70067	Inflow
SJRWMD	T-6	Howell Creek at SR434 So of Whites Lodge on Jesup	28.68986	28.68986	Inflow
SJRWMD	T-7	Sweetwater Ck at DeLeon and Cress run upstm fr Jes	28.69422	28.69422	Inflow
SJRWMD	T-8	Gee and Soldier Creek Delta west of Lake Jesup	28.71508	28.71508	Inflow
SJRWMD	T-9	Gee Creek at SR419 off SW End of Lake Jesup	28.70339	28.70339	Inflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	03080101-230	St. Johns River Station 45	28.72567	28.72567	Interior
US EPA	12230	SALT CREEK	28.71667	28.71667	Inflow
US EPA	122301	LAKE JESSUP	28.71111	28.71111	Interior
US EPA	122302	LAKE JESSUP	28.73861	28.73861	Interior
US EPA	1223A1	GEE CREEK	28.70833	28.70833	Inflow
US EPA	1223B1	SOLDIER CREEK	28.71667	28.71667	Inflow
US EPA	1223C1	UNNAMED CREEK	28.72500	28.72500	Inflow
US EPA	1223D1	HOWELL CREEK	28.69167	28.69167	Inflow
US EPA	1223F1	ST JOHNS RIVER	28.78333	28.78333	Outflow
US EPA	1223G1	SWEETWATER CREEK	28.70000	28.70000	Inflow
US EPA	20010024	ST JOHNS R CONF WITH L JESSUP	28.78583	28.78583	Outflow
US EPA	20010028	HOWELL CR AT ENTRANCE TO L JESSU	28.70000	28.70000	Inflow
US EPA	20010029	LAKE JESSUP, CENTER OF LAKE	28.72206	28.72206	Interior
US EPA	20010031	L JESSUP AT HILEYS FISH CMP HW41	28.70172	28.70172	Interior
US EPA	20010051	SALT CREEK AT PACKARD AVE. NEAR OVIEDO	28.71428	28.71428	Inflow
US EPA	20010090	SWEETWATER CREEK 0.15 MI. S. OF HOWARD AVE.	28.69678	28.69678	Inflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	20010127	SHORTCUT CANAL 100 YDS. DOWNSTREAM HOWARD AVE.	28.69986	28.69986	Inflow
US EPA	20010177	L JESSUP S SANFORD AVE CANAL	28.72553	28.72553	Inflow
US EPA	20010178	L JESSUP E SOLDIER & GEE CR	28.71633	28.71633	Inflow
US EPA	20010179	W END L JESSUP E SOLDIER CR	28.71519	28.71519	Interior
US EPA	20010180	LAKE JESSUP N HOWELL CR	28.70169	28.70169	Inflow
US EPA	20010181	LAKE JESSUP SW SECTOR	28.71028	28.71028	Interior
US EPA	20010182	L JESSUP S MOUTH OF PHELPS CREEK	28.74111	28.74111	Inflow
US EPA	20010183	LAKE JESSUP NE SECTOR	28.73508	28.73508	Interior
US EPA	20010184	Soldier Creek 100 yards downstream of S.R. Highway	28.71861	28.71861	Inflow
US EPA	20010185	Gee Creek at S.R. Highway 419	28.70347	28.70347	Inflow
US EPA	20010187	L JESSUP, US CNL TO AT SIPES AVE	28.74931	28.74931	Inflow
US EPA	20010188	SANFORD AVE CANAL WOODEN BRID	28.72736	28.72736	Inflow
US EPA	20010245	L JESSUP 1 1/2 MI S OF SR 46 BRG	28.76289	28.76289	Inflow
US EPA	20010257	SOLDIER CR 200 YDS UPSTRM OF S41	28.71861	28.71861	Inflow
US EPA	20010259	SHEOAH GOLF CR UPSTR CONF SOLD C	28.71786	28.71786	Interior
US EPA	20010294	ELDER SPRINGS RUN AT MYRTLE AVE. - SANFORD	28.73461	28.73461	Inflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	20010354	BLACK SWEETWATER CREEK AT HOWARD AVE.	28.69936	28.69936	Inflow
US EPA	20010485	LAKE JESSUP NEAR SR 46 BRIDGE	28.78278	28.78278	Outflow
US EPA	31780	ST. JOHNS RIVER, MARINA ISLE	28.78278	28.78278	Outflow
US EPA	31901	LAKE JESSUP, MOUTH OF SOLDIERS CREEK.	28.71750	28.71750	Inflow
US EPA	31902	LAKE JESSUP, MOUTH OF HOWELL CREEK.	28.70361	28.70361	Inflow
US EPA	31903	LAKE JESSUP, OFF BIRD ISLAND.	28.72778	28.72778	Interior
US EPA	ELJESS	LAKE JESSUP EAST LOBE NEAR MECCA HAMMOCK	28.73694	28.73694	Interior
US EPA	GCR419	GEE CREEK AT SR 419	28.70333	28.70333	Inflow
US EPA	GEE	Gee Creek	28.70460	28.70460	Inflow
US EPA	GFCCR0189	LAKE JESSUP AT SR 46 BRIDGE	28.78556	28.78556	Inflow
US EPA	GFCCR0477	LAKE JESSUP MID LAKE	28.72567	28.72567	Outflow
US EPA	HOWC	Howell Creek	28.69130	28.69130	Inflow
US EPA	HOWCK	HOWELL CREEK AT MOUTH LAKE JESSUP	28.70111	28.70111	Inflow
US EPA	JES	St John's/Jesup Confluence	28.78580	28.78580	Outflow
US EPA	JESSUP1	JESSUP IN SEMINOLE CO.- SEE NOTE	28.72417	28.72417	Interior
US EPA	JESSUP2	JESSUP IN SEMINOLE CO.- SEE NOTE	28.72417	28.72417	Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	JESSUP3	JESSUP IN SEMINOLE CO.- SEE NOTE	28.72417	28.72417	Interior
US EPA	NAV	Navy Canal at Pineway	28.74940	28.74940	Inflow
US EPA	OW-MBS	LAKE JESSUP MARL BED SLOUGH SITE	28.73789	28.73789	Inflow
US EPA	OW-OBC	ORANGE BOAT CLUB WEST OF EXPRESS WAY	28.69944	28.69944	Inflow
US EPA	SEM-JESUP-1	Seminole-Jesup-1	28.72417	28.72417	Interior
US EPA	SEM-JESUP-2	Seminole-Jesup-2	28.72417	28.72417	Interior
US EPA	SEM-JESUP-3	Seminole-Jesup-3	28.72417	28.72417	Interior
US EPA	SEM-JESUPNOR-1	Seminole-Jesup North-1	28.76344	28.76344	Interior
US EPA	SEM-JESUPNOR-2	Seminole-Jesup North-2	28.76344	28.76344	Interior
US EPA	SEM-JESUPNOR-3	Seminole-Jesup North-3	28.76344	28.76344	Interior
US EPA	SFDAC	SANFORD AVE CANAL AT MECCA HAMMOCK	28.73222	28.73222	Inflow
US EPA	SIX	Six Mile Creek at Myrtle	28.73440	28.73440	Inflow
US EPA	SJRJESSUP1	ST JOHNS RIV IN GOVNMT CUT NORTH OF LAKE JESSUP	28.78611	28.78611	Outflow
US EPA	SJRJESSUP2	LAKE JESSUP IN 4FT HOLE OF GRASSY POINT	28.76806	28.76806	Interior
US EPA	SJRJESSUP3	LK JESSUP IN 7FT HOLE B/T SEEVEE ISL & LONG PNT	28.73528	28.73528	Interior
US EPA	SJRJESSUP4	LK JESSUP B/T WHITE'S LANDING & BIRD ISLAND	28.70583	28.70583	Interior
US EPA	SJRJESSUP5	LK JESSUP B/T CALDWELL FLDS & NEW BALL FIELD	28.70944	28.70944	Interior
US EPA	SJRJESSUP6	LK JESSUP IN 4FT HOLE OFF CENTER OF FAR WEST ARM	28.71389	28.71389	Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	SJRJESSUP7	LK JESSUP B/T MARL BED POINT & LONG POINT	28.73944	28.73944	Interior
US EPA	SJRJESSUP8	LAKE JESSUP STATION OW-SJR-1	28.78472	28.78472	Outflow
US EPA	SLC419	SOLDIER CREEK AT SR 419	28.71861	28.71861	Inflow
US EPA	SOL	Soldiers Creek	28.71880	28.71880	Inflow
US EPA	VC-045	St. John's River, at Lake Jessup, S. of S.R.46	28.77750	28.77750	Outflow
USGS	2234344	HOWELL CREEK AT SR434 NR OVIEDO,FL	28.68972	28.68972	Inflow
USGS	2234384	SOLDIER CREEK NR LONGWOOD, FLA.	28.71861	28.71861	Inflow
USGS	2234400	GEE CREEK NR LONGWOOD, FLA.	28.70333	28.70333	Inflow
USGS	2234435	LAKE JESUP OUTLET NR SANFORD	28.78583	28.78583	Outflow
Lake Josephine					
SFWMD	HIG-JOSEPHINE-1	Highlands-Josephine East-1	27.40103	27.40103	Inflow
SFWMD	HIG-JOSEPHINE-2	Highlands-Josephine East-2	27.39368	27.39368	Outflow
SFWMD	HIG-JOSEPHINE-3	Highlands-Josephine East-3	27.38815	27.38815	Interior
SFWMD	JOSEPHIN	JOSEPHIN	72227.0000	72227.0000	Outflow
SFWMD	JOSNCR17	JOSNCR17	72226.0000	72226.0000	Outflow
SWFWMD	STA-161	LAKE JOSEPHINE DESOTO CITY	27.40032	27.40032	Interior
SWFWMD	STA-386	LAKE JOSEPHINE I	27.86419	27.86419	Interior
SWFWMD	STA-470	LAKE JOSEPHINE	28.11057	28.11057	Interior
SWFWMD	STA-519	LAKE JOSEPHINE	28.01141	28.01141	Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
USGS	02270650	LAKE JOSEPHINE NEAR DE SOTO CITY FL	27.40000	27.40000	Interior
USGS	2270650	LAKE JOSEPHINE NEAR DE SOTO CITY FL	27.40032	27.40032	Outflow
USGS	2271500	JOSEPHINE CREEK NEAR DE SOTO CITY FL	27.37389	27.37389	Outflow
USGS	275151081343700	LAKE JOSEPHINE AT HIGHLAND PARK FL	27.86417	27.86417	Interior
Lake Magdalene					
Hills. Co	2.8042108229e+014	LAKE JOSEPHINE (NORTH END) NR LUTZ FL	28.07250	28.07250	Interior
Hills. Co	2.8051408229e+014	LAKE JOSEPHINE (SOUTH END) NR LUTZ FL	28.08722	28.08722	Interior
Hills. Co	2306200	LAKE MAGDALENE NEAR LUTZ FL	28.08222	28.08222	Outflow
Hills. Co	2306647	SWEETWATER CREEK NEAR TAMPA FL	28.01389	28.01389	Exterior-DS
Hills. Co	Lake Magdalene	Lake Magdalene	28.08222	28.08222	Interior
Hills. Co	Magdalene	Lake Magdalene	28.08111	28.08111	Interior
Hills. Co	RNF-293	LIPSEY LAKE	28.05361	28.05361	Exterior-US
Hills. Co	RNF-395	BAY LAKE	28.06944	28.06944	Exterior-US
Hills. Co	RNF-488	CARROLLWOOD	28.08833	28.08833	Exterior-US
Hills. Co	RNF-497	WHITE TROUT	28.03644	28.03644	Exterior-US
Hills. Co	STA-364	Lake Magdalene	28.08222	28.08222	Interior
Hills. Co	STA-3814	Lake Magdalene	28.07780	28.07780	Outflow
SWFWMD	FLO-2490	MAGDALENE CANAL AT STR	28.07344	28.07344	Outflow
SWFWMD	STA-612	LAKE MAGDALENE AT STRUCT	28.07344	28.07344	Outflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	280421082290100	LAKE MAGDALENE (NORTH END) NEAR LUTZ FL	28.07250	28.07250	Unknown
US EPA	280514082290000	LAKE MADGALENE (SOUTH END) NEAR LUTZ FL	28.08722	28.08722	Unknown
USGS	02306200	LAKE MAGDALENE NEAR LUTZ FL	28.08194	28.08194	Interior
USGS	02306289	LAKE MAGDALENE OUTLET NEAR LUTZ FL	28.07389	28.07389	Outflow
Lake Monroe					
NOAA	82150	Daytona Beach	29.19028	29.19028	Unknown
NOAA	82158	Daytona Beach WSO Airport	29.18333	29.18333	Unknown
NOAA	82229	Deland	29.06667	29.06667	Unknown
NOAA	87982	Sanform Experiment Stn	28.80000	28.80000	Unknown
US EPA	03080101-140	St. Johns River Station 26	28.83667	28.83667	Outflow
US EPA	03080101-T-100	Mullet Lake South	28.85638	28.85638	Inflow
US EPA	03080101-T-105	Mullet Lake North	28.85828	28.85828	Inflow
US EPA	123101	LAKE MONROE	28.83389	28.83389	Outflow
US EPA	123102	LAKE MONROE	28.85556	28.85556	Interior
US EPA	123103	LAKE MONROE	28.81639	28.81639	Inflow
US EPA	1231A2	ST JOHNS RIVER	28.80000	28.80000	Inflow
US EPA	1231B1	BETHEL CREEK	28.85000	28.85000	Inflow
US EPA	20010003	ST JOHNS RIVER AT US HWYS 17-19	28.83708	28.83708	Outflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	20010005	STR ENTERING L MONROE AT IR 4	28.86778	28.86778	Inflow
US EPA	20010006	LAKE MONROE AT POWER PLANT	28.86750	28.86750	Inflow
US EPA	20010007	CENTE OF LAKE MONROE	28.83681	28.83681	Interior
US EPA	20010018	ST JOHNS R AT IR 4 BRIDGE	28.83486	28.83486	Outflow
US EPA	20010019	L MONROE AT ST JOHNS R EXIT	28.83333	28.83333	Outflow
US EPA	20010021	L MONROE NR SANFORD STP EFF	28.81736	28.81736	Inflow
US EPA	20010022	L MONROE UPSTR FROM SANFORD CTY	28.81667	28.81667	Interior
US EPA	20010023	ST JOHNS R AT SR 415 BRIDGE	28.80250	28.80250	Inflow
US EPA	20010366	Lake Bethel @ west side of lake	28.84833	28.84833	Inflow
US EPA	20010367	Lake Bethel @ east side of lake	28.84569	28.84569	Inflow
US EPA	20010486	ST JOHNS RIVER NEAR SR 415 BRIDGE	28.80194	28.80194	Inflow
US EPA	20010487	LAKE MONROE AT SOUTH END	28.81639	28.81639	Interior
US EPA	20010488	LAKE MONROE AT CM#R4	28.83194	28.83194	Outflow
US EPA	20010619	LK MONROE N SECT AT CM 10	28.85556	28.85556	Interior
US EPA	20010620	LK MONROE GEOGRAPH CTR	28.84222	28.84222	Interior
US EPA	20010654	ELDER RD DITCH NR US HWY 17	28.83139	28.83139	Inflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	32208	ST. JOHNS RIVER, OSTEEN BRIDGE	28.80250	28.80250	Inflow
US EPA	32601	LAKE MONROE, NEAR POWER PLANT	28.86333	28.86333	Interior
US EPA	32602	LAKE MONROE, OFF SANFORD STP	28.81917	28.81917	Inflow
US EPA	32603	LAKE MONROE, SE CORNER OF LAKE.	28.81778	28.81778	Interior
US EPA	BETHEL1	BETHEL IN VOLUSIA CO.-SEE NOTE	28.84917	28.84917	Inflow
US EPA	BETHEL2	BETHEL IN VOLUSIA CO.-SEE NOTE	28.84917	28.84917	Inflow
US EPA	BETHEL3	BETHEL IN VOLUSIA CO.-SEE NOTE	28.84917	28.84917	Inflow
US EPA	BETL	BETHEL LAKE @ CENTER	28.84889	28.84889	Inflow
US EPA	GEMINI SPRINGS1	GEMINI SPRINGS IN VOLUSIA CO.-SEE NOTE	28.86222	28.86222	Inflow
US EPA	GEMINI SPRINGS2	GEMINI SPRINGS IN VOLUSIA CO.-SEE NOTE	28.86222	28.86222	Inflow
US EPA	GEMINI SPRINGS3	GEMINI SPRINGS IN VOLUSIA CO.-SEE NOTE	28.86222	28.86222	Inflow
US EPA	GFCCR0178	LAKE MONROE AT BOAT RAMP ON US 17-92	28.83667	28.83667	Outflow
US EPA	GFCCR0190	ST. JOHNS RIVER AT SR 415 BRIDGE OSTEEN	28.80222	28.80222	Inflow
US EPA	GFCCR0224	LAKE MONROE AT CM'S 7 AND 8	28.84056	28.84056	Interior
US EPA	ILM	LAKE MONROE AT INLET	28.83278	28.83278	Inflow
US EPA	LMAC	LAKE MONROE AT CENTER	28.84417	28.84417	Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	SEM-MONROEEA-1	Seminole-Monroe East-1	28.83897	28.83897	Interior
US EPA	SEM-MONROEEA-2	Seminole-Monroe East-2	28.83897	28.83897	Interior
US EPA	SEM-MONROEEA-3	Seminole-Monroe East-3	28.83897	28.83897	Interior
US EPA	SEM-MONROEWE-1	Seminole-Monroe West-1	28.84697	28.84697	Interior
US EPA	SEM-MONROEWE-2	Seminole-Monroe West-2	28.84697	28.84697	Interior
US EPA	SEM-MONROEWE-3	Seminole-Monroe West-3	28.84697	28.84697	Interior
US EPA	SJ08	ST. JOHNS RIVER SOUTH OF S.R. 415 BRIDGE	28.80278	28.80278	Inflow
US EPA	SJ09	SOUTH END OF LAKE MONROE AT CM R4	28.81639	28.81639	Interior
US EPA	SJ10	LAKE MONROE - CENTER OF THE LAKE	28.83778	28.83778	Interior
US EPA	SJ11	LAKE MONROE AT CHANNEL MARKER R10	28.85472	28.85472	Interior
US EPA	SJ12	ST. JOHNS RIVER AT U.S. HWY 17-92	28.83611	28.83611	Outflow
US EPA	VC-046	St. John's River, S. side of S.R.415	28.80278	28.80278	Inflow
US EPA	VC-047	St. John's River, S. end of Lake Monroe, at CM R4	28.81639	28.81639	Interior
US EPA	VC-048	St. John's River, at center of Lake Monroe	28.83778	28.83778	Interior
US EPA	VC-049	St. John's River, at Lake Monroe, at CM R10	28.85472	28.85472	Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	VC-050	St. John's River, between U.S. 17-92 and I-4	28.83611	28.83611	Outflow
US EPA	VOL-BETHEL-1	Volusia-Bethel-1	28.84917	28.84917	Inflow
US EPA	VOL-BETHEL-2	Volusia-Bethel-2	28.84917	28.84917	Inflow
US EPA	VOL-BETHEL-3	Volusia-Bethel-3	28.84917	28.84917	Inflow
US EPA	VOL-GESPRINGS-1	Volusia-Gemini Springs-1	28.86222	28.86222	Inflow
US EPA	VOL-GESPRINGS-2	Volusia-Gemini Springs-2	28.86222	28.86222	Inflow
US EPA	VOL-GESPRINGS-3	Volusia-Gemini Springs-3	28.86222	28.86222	Inflow
US EPA	VOL-GRSPRINGS-1	Volusia-Green Springs-1	28.86265	28.86265	Inflow
US EPA	VOL-GRSPRINGS-2	Volusia-Green Springs-2	28.86290	28.86290	Inflow
US EPA	VOL-GRSPRINGS-3	Volusia-Green Springs-3	28.86267	28.86267	Inflow
USGS	2234500	ST. JOHNS RIVER NR SANFORD, FLA.	28.83694	28.83694	Outflow
Lake Norris					
FDEP	20544				Interior
NOAA	82150	Daytona Beach	29.19028	29.19028	Unknown
NOAA	82158	Daytona Beach WSO Airport	29.18333	29.18333	Unknown
NOAA	82229	Deland	29.06667	29.06667	Unknown
SJRWMD	BWC44	BLACKWATER CREEK AT HWY 44	28.87464	28.87464	Outflow
SJRWMD	LN-DOCK	Lake Norris at dock	28.94167	28.94167	Interior
SJRWMD	LN-OW	Lake Norris at center	28.94175	28.94175	Interior
SJRWMD	LN-TC	Lake Norris at Tracy Canal	28.94906	28.94906	Inflow
US EPA	20010323	Blackwater Creek at Lake Norris Road	28.91389	28.91389	Outflow
US EPA	20010355	LAKE NORRIS AT CENTER OF LAKE	28.94222	28.94222	Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	20010455	Blackwater Creek 100 yards upstream of Highway 44A	28.87500	28.87500	Outflow
US EPA	BWCNOR	BLACKWATER CREEK @ LAKE NORRIS RD	28.91389	28.91389	Outflow
US EPA	BWCR44A	BLACKWATER CREEK AT CR44A BRIDGE	28.87722	28.87722	Outflow
US EPA	BWTRACY	TRACY CANAL @ MAGGIE JONES RD DOWNSTREAM SIDE	28.94889	28.94889	Inflow
US EPA	LAK-NORRIS-1	Lake-Norris-1	28.93392	28.93392	Interior
US EPA	LAK-NORRIS-2	Lake-Norris-2	28.93392	28.93392	Interior
US EPA	LAK-NORRIS-3	Lake-Norris-3	28.93392	28.93392	Interior
US EPA	LKNORRIS	LAKE NORRIS EAST SHORE @ END OF LAKE NORRIS RD	28.93220	28.93220	Interior
US EPA	LKNORRISBSA	LAKE NORRIS @ CAMP LANOCHE BSA MAIN DOCK	28.95083	28.95083	Interior
US EPA	NORS	NORRIS LAKE @ CENTER	28.93944	28.93944	Interior
US EPA	USJ015	LAKE NORRIS NORTH END	28.94306	28.94306	Interior
US EPA	USJ016	LAKE NORRIS SOUTH END	28.93083	28.93083	Interior
USGS	2235200	BLACKWATER CREEK NEAR CASSIA, FL	28.87694	28.87694	Outflow
Lake Panasoffkee					
NOAA	85076	Lisbon	28.86667	28.86667	Exterior-US
NOAA	86414	Ocala	29.20000	29.20000	Exterior-US
US EPA	23010040	LITTLE WITHLACOOCHEE R AT SR 50			Exterior-US

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	23010112	W SD L PANASOFFKEE 50 YDS OFF SH			Interior
US EPA	23010114	L PANASOFFKEE N OUTLET R INFLUX			Outflow
US EPA	23010116	CNTR OF L PANASOFFKEE			Interior
US EPA	23010117	S END OF L PANASOFFKEE			Interior
US EPA	23010118	W SD L PANASOFFKEE 50 YDS OFF SH			Interior
US EPA	23010119	W SD L PANASOFFKEE 50 YDS OFF SH			Interior
US EPA	23010120	E SD L PANASOFKEE NEAR CNTR			Interior
US EPA	23010418	LAKE PANASOFKEE MIDDLE OF NORTH LOBE	28.81633	28.81633	Interior
US EPA	23010419	LAKE PANASOFKEE SW OF COLEMAN LANDING	28.78900	28.78900	Interior
US EPA	2312698	LAKE PANASOFFKEE NR LAKE PANASOFFKEE, FLA.	28.81747	28.81747	Interior
US EPA	284628082073801	ROMP LP-4 DEEP FLORIDAN AT LAKE PANASOFFKEE FL	28.77444	28.77444	Exterior-US
US EPA	284628082073802	ROMP LP-4 SHALLOW FLORIDAN AT LAKE PANASOFFKEE FL	28.77444	28.77444	Exterior-US
US EPA	284628082073803	ROMP LP-4 WT WELL AT LAKE PANASOFFKEE FL	28.77444	28.77444	Exterior-US
US EPA	FLO 278 873 0	LAKE PANASOFFKEE OUTLET	28.79806	28.79806	Outflow
US EPA	SUM-PANASOFFK-1	Sumter-Panasoffkee-1	28.80611	28.80611	Inflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	SUM-PANASOFFK-2	Sumter-Panasoffkee-2	28.80611	28.80611	Interior
US EPA	SUM-PANASOFFK-3	Sumter-Panasoffkee-3	28.80611	28.80611	Outflow
USGS	2312667	SHADY BROOK NR SUMTERVILLE FL	28.76971	28.76971	Inflow
USGS	2312700	OUTLET RIVER AT ANACOOCHEE RETREATS, FL	28.80157	28.80157	Outflow
Lake Parker					
NOAA	84707	Lake Alfred Exp Stn	28.10000	28.10000	Exterior-US
Polk Co	25020240	LAKE PARKER POLK CO	28.06519	28.06519	Interior
Polk Co	25020247	LAKE PARKER 200 FT OFF SW SHORE	28.08778	28.08778	Inflow
Polk Co	GFCSR0352	LAKE PARKER N. END AT MOUTH OF CANAL TO L. CRAGO	28.08833	28.08833	Inflow
Polk Co	GFCSR0353	LAKE PARKER WARD'S COVE MCINTOSH POWER PLANT	28.04333	28.04333	Unknown
Polk Co	GFCSR0354	LAKE PARKER CNTR BTWN MCINTOSH & LARSEN POWER P.	28.04361	28.04361	Unknown
SWFWMD	STA-335	LAKE PARKER	27.90946	27.90946	Interior
SWFWMD	STA-468	LAKE PARKER AT LAKELAND	28.05002	28.05002	Interior
SWFWMD	STA-469	LAKE PARKER	28.05700	28.05700	Interior
US EPA	03100101-110	Tenoroc FMA Lake B Station 1	28.09927	28.09927	Exterior-US
US EPA	03100101-115	Tenoroc FMA Lake B Station 2	28.09297	28.09297	Exterior-US
US EPA	03100101-120	Tenoroc FMA Lake B Station 3	28.08595	28.08595	Inflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	14324	SWD-SL-1007	28.07211	28.07211	Inflow
US EPA	2.8040628156e+013	Lake Parker at Lakeland FL (Lake Bonny)	28.05000	28.05000	Inflow
US EPA	2294259	LAKE PARKER AT LAKELAND FL (Lake Bonny)	28.05000	28.05000	Inflow
US EPA	CRAGO(CENTER)	Lake Crago	28.09278	28.09278	Exterior-US
US EPA	DEESON1	Lake Deeson	28.10033	28.10033	Exterior-US
US EPA	PARKER(CENTER)	Lake Parker	28.06778	28.06778	Interior
US EPA	PARKER1	Lake Parker	28.08117	28.08117	Inflow
US EPA	POL-CRAGO-1	Lake Crago	28.09182	28.09182	Exterior-US
US EPA	POL-CRAGO-2	Lake Crago	28.09417	28.09417	Exterior-US
US EPA	POL-CRAGO-3	Lake Crago	28.09748	28.09748	Inflow
USGS	02294259	LAKE PARKER AT LAKELAND FL	28.04972	28.04972	Interior
USGS	02294260	LAKE PARKER OUTLET AT LAKELAND FL	28.05944	28.05944	Outflow
USGS	2294260	LAKE PARKER OUTLET AT LAKELAND FL	28.05944	28.05944	Outflow
Lake Sebring					
SFWMD	SEBRING_G	SEBRING_G	27.45417	27.45417	Exterior-US
SFWMD	SEBRING_R	SEBRING_R	27.45417	27.45417	Exterior-US
SWFWMD	GW-10922	SEBRING 412-A NRSD REPL	27.46341	27.46341	Exterior-US
SWFWMD	GW-184	SEBRING 412 SH DESTROYED	27.46309	27.46309	Exterior-US
SWFWMD	STA-350	LAKE SEBRING	27.52114	27.52114	Interior
US EPA	26010556	LAKE SEBRING-CENTER-HIGHLANDS CO	27.52778	27.52778	Interior
US EPA	8066	SFA-LS-1016	27.53580	27.53580	Inflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	HIG-SEBRING-1	Highlands-Sebring-1	27.52202	27.52202	Inflow
US EPA	HIG-SEBRING-2	Highlands-Sebring-2	27.52802	27.52802	Interior
US EPA	HIG-SEBRING-3	Highlands-Sebring-3	27.53393	27.53393	Outflow
USGS	02270000	CARTER CREEK NEAR SEBRING FL	27.53194	27.53194	Outflow
USGS	2296223	LITTLE CHARLEY BOWLEGS CREEK NEAR SEBRING FL	27.47809	27.47809	Exterior-US
Lake Seminole					
Pinellas Co	10	LK SEMINOLE 20' S OF NW CNL W OF BYPASS CNL	27.88517	27.88517	Inflow
Pinellas Co	12A	Lake Seminole			Interior
Pinellas Co	12B	Lake Seminole			Interior
Pinellas Co	1B	S LK SEMINOLE 75' N OF DAM @ PARK BLVD	27.83683	27.83683	Interior
Pinellas Co	2	SW LK SEMINOLE 15' E SKIPPER DR CNL MOUTH	27.84600	27.84600	Inflow
Pinellas Co	3B	LK SEMINOLE MID LK DUE E OF 86TH AVE N	27.87171	27.87171	Interior
Pinellas Co	4B	LK SEMINOLE MID LK E OF 94TH PLACE	27.85667	27.85667	Interior
Pinellas Co	5B	LK SEMINOLE MOUTH OF COVE N OF 98TH TERR	27.85900	27.85900	Inflow
Pinellas Co	6	LK SEMINOLE S OF N LK DR MID OF CNL	27.82733	27.82733	Inflow
Pinellas Co	7B	LK SEMINOLE MID LK DUE E OF 114TH AV	27.87283	27.87283	Interior
Pinellas Co	8	LK SEMINOLE 20' E OF 177TH TERR CNL OPNG	27.87800	27.87800	Inflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
Pinellas Co	9B	LK SEMINOLE MID LK DUE E OF 121ST AVE	27.87933	27.87933	Interior
SWFWMD	STA-247	LAKE SEMINOLE	28.17806	28.17806	Interior
US EPA	124801	LAKE SEMINOLE	27.86667	27.86667	Inflow
US EPA	124802	LAKE SEMINOLE	27.84444	27.84444	Interior
US EPA	1248A1	UNNAMED TRIBUTARY	27.84167	27.84167	Inflow
US EPA	1248C1	LONG BAYOU CREEK	27.88333	27.88333	Inflow
US EPA	24040131	L48P - Lake Seminole	27.87997	27.87997	Interior
US EPA	25-01	LK SEMINOLE BYPASS CNL N PRK BLVD BELOW DAM	27.83683	27.83683	Outflow
US EPA	25-02	LK SEMINOLE BYPASS CNL ON S SIDE SR 688 BRDG	27.89300	27.89300	Outflow
US EPA	25-06	LK SEMINOLE BYPASS CNL N PRK BLVD ABOVE DAM	27.83667	27.83667	Outflow
US EPA	26-01B	S LK SEMINOLE 75' N OF DAM @ PARK BLVD	27.83683	27.83683	Outflow
US EPA	26-02	SW LK SEMINOLE 15' E SKIPPER DR CNL MOUTH	27.84600	27.84600	Inflow
US EPA	26-03B	LK SEMINOLE MID LK DUE E OF 86TH AVE N	27.84717	27.84717	Interior
US EPA	26-04B	LK SEMINOLE MID LK E OF 94TH PLACE	27.85667	27.85667	Interior
US EPA	26-05B	LK SEMINOLE MOUTH OF COVE N OF 98TH TERR	27.85900	27.85900	Inflow
US EPA	26-06	LK SEMINOLE S OF N LK DR MID OF CNL	27.82733	27.82733	Inflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	26-07B	LK SEMINOLE MID LK DUE E OF 114TH AV	27.87283	27.87283	Interior
US EPA	26-08	LK SEMINOLE 20' E OF 117TH TERR CNL OPNG	27.87800	27.87800	Inflow
US EPA	26-09B	LK SEMINOLE MID LK DUE E OF 121ST AVE	27.87933	27.87933	Interior
US EPA	26-10	LK SEMINOLE 20' S OF NW CNL W OF BYPASS CNL	27.88517	27.88517	Inflow
US EPA	AMB 26-10	Lake Seminole	27.88636	27.88636	Exterior-US
US EPA	AMB 26-1B	Lake Seminole	27.83981	27.83981	Exterior-US
US EPA	AMB 26-2	Lake Seminole	27.84715	27.84715	Exterior-US
US EPA	AMB 26-5B	Lake Seminole	27.86178	27.86178	Exterior-US
US EPA	AMB 26-6	Lake Seminole	27.86669	27.86669	Exterior-US
US EPA	AMB 26-8	Lake Seminole	27.87929	27.87929	Exterior-US
US EPA	AMB 26-9B	Lake Seminole	27.88233	27.88233	Exterior-US
USGS	02308888	SEMINOLE LAKE NEAR LARGO FL	27.83889	27.83889	Outflow
USGS	02308889	SEMINOLE LAKE OUTLET NEAR LARGO FL	27.83889	27.83889	Outflow
Lake Thonotosassa					
Hills. Co	118	Lake Thonotosassa at mouth of Flint Creek			Outflow
Hills. Co	135	Lake Thonotasassa center			Interior
Hills. Co	24030014	L THONOTOSASSA MOUTH BAKER CR	28.05186	28.05186	Inflow
Hills. Co	24030015	L THONOTOSASSA 30 FT FRM SE SHOR	28.05400	28.05400	Interior
Hills. Co	24030016	L THONOTOSASSA 50 FT FRM SE SHOR	28.05461	28.05461	Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
Hills. Co	24030017	L THONOTOSASSA 400 FT FR BAKER CR	28.05381	28.05381	Interior
Hills. Co	24030018	L THONOTOSASSA 200 FT FR SE SHORE	28.05072	28.05072	Interior
Hills. Co	24030019	L THONOTOSASSA 400 FT FRM S SHOR	28.05083	28.05083	Interior
Hills. Co	24030020	L THONOTOSASSA 400 FT FRM S HOR	28.05175	28.05175	Interior
Hills. Co	24030021	L THONOTOSASSA 1000 FT OUT BAKER CR	28.05369	28.05369	Interior
Hills. Co	24030022	L THONOTOSASSA CENTER L	28.06114	28.06114	Interior
Hills. Co	24030023	L THONOTOSASSA FR REESE BCH DOCK	28.05306	28.05306	Interior
Hills. Co	24030024	L THONOTOSASSA REESE BCH	28.05306	28.05306	Interior
Hills. Co	24030025	L THONOTOSASSA 300 FT FR W SHORE	28.05778	28.05778	Interior
Hills. Co	24030026	L THONOTOSASSA 400 FT FR NW SHORE	28.06342	28.06342	Interior
Hills. Co	24030030	L THONOTOSASSA BTW CTR L FLINT C	28.06933	28.06933	Outflow
Hills. Co	24030031	L THONOTOSASSA 300 FT FR W SHORE	28.06778	28.06778	Interior
Hills. Co	24030033	L THONOTOSASSA 300 FT FRM W SHOR	28.05717	28.05717	Interior
Hills. Co	24030124	L34P - LAKE THONOTOSASSA	28.04944	28.04944	Interior
Hills. Co	STA-242	LAKE THONOTOSASSA (REG)	28.04972	28.04972	Interior
Hills. Co	Thonotosassa	Thonotosassa (Hillsborough Co) Florida LAKEWATCH	28.06417	28.06417	Interior
SWFWMD	FLO-20	BAKER CANAL	28.02529	28.02529	Inflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
SWFWMD	FLO-389	FLINT CRK UPSTREAM	28.06808	28.06808	Inflow
SWFWMD	FLO-88	FLINT CRK DOWNSTREAM LT1	28.06819	28.06819	Exterior-US
SWFWMD	RNF-21	LK THONOTOSASSA FLINT CRK	28.04974	28.04974	Interior
SWFWMD	RNF-407	BAKER CANAL	28.02529	28.02529	Inflow
SWFWMD	RNF-69	DOVER ET	28.01502	28.01502	Exterior-US
USGS	02303271	BAKER CREEK NEAR THONOTOSASSA FL	28.04778	28.04778	Inflow
USGS	02303290	LAKE THONOTOSASSA NEAR THONOTOSASSA FL	28.05917	28.05917	Interior
USGS	02303300	FLINT CREEK NEAR THONOTOSASSA FL	28.06778	28.06778	Inflow
USGS	2.8031308216e+014				Unknown
USGS	2.8031308217e+014				Unknown
USGS	2.8033808216e+014				Unknown
USGS	2.8033808217e+014				Unknown
USGS	2.8040508216e+014				Unknown
USGS	2303300	FLINT CREEK NEAR THONOTOSASSA FL	28.06778	28.06778	Outflow
USGS	2303313	CAMPBELL BRANCH NEAR THONOTASSSSA FL	28.05250	28.05250	Exterior-DS
USGS	2303330	HILLSBOROUGH R AT MORRIS BR NEAR THONOTOSASSA FL	28.09722	28.09722	Exterior-DS
USGS	2303351	MORRIS BRIDGE BACKWASH POND OUTFLOW NR THONOTOSASS	28.12167	28.12167	Exterior-DS

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
USGS	280313082162600	LK THONOTOSASSA SITE14 (TOP) AT THONOTOSASSA FL	28.05361	28.05361	Inflow
USGS	280313082165000	LK THONOTOSASSA SITE15 (TOP) AT THONOTOSASSA FL	28.05361	28.05361	Interior
USGS	280338082162700	LK THONOTOSASSA SITE13 (TOP) AT THONOTOSASSA FL	28.06056	28.06056	Interior
USGS	280338082165700	LK THONOTOSASSA SITE12 (TOP) AT THONOTOSASSA FL	28.06056	28.06056	Interior
USGS	280405082162500	LK THONOTOSASSA SITE10 (TOP) AT THONOTOSASSA FL	28.06806	28.06806	Outflow
USGS	280405082164600	LK THONOTOSASSA SITE11 (TOP) AT THONOTOSASSA FL	28.06806	28.06806	Interior
Lake Trafford					
US EPA	084866-1	084866-1	26.43333	26.43333	Inflow
US EPA	2291200	LAKE TRAFFORD NR IMMOKALEE, FLA.	26.43556	26.43556	Inflow
US EPA	262521081293701	LAKE TRAFFORD (N OF CENTER)	26.42250	26.42250	Interior
US EPA	262521081293702	LAKE TRAFFORD (NW OF CENTER)	26.42250	26.42250	Interior
US EPA	262521081293703	LAKE TRAFFORD (W OF CENTER)	26.42250	26.42250	Interior
US EPA	262521081293704	LAKE TRAFFORD (SW OF CENTER)	26.42250	26.42250	Interior
US EPA	262521081293705	LAKE TRAFFORD (S OF CENTER)	26.42250	26.42250	Interior
US EPA	262521081293706	LAKE TRAFFORD (E OF CENTER)	26.42250	26.42250	Interior
US EPA	262521081293707	LAKE TRAFFORD (AT CENTER)	26.42250	26.42250	Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	28030015	LK TRAFF S BOAT RAMP	26.41861	26.41861	Interior
US EPA	28030024	LK TRAFF CENTER	26.42361	26.42361	Interior
US EPA	28030025	LK TRAFF 50 OUT MARINA	26.43194	26.43194	Outflow
US EPA	28030026	LK TRAFF 50 OUT S END	26.40833	26.40833	Interior
US EPA	28030027	LK TRAFF 50 OUT E SIDE	26.42361	26.42361	Interior
US EPA	3496	LAKE TRAFFORD 2 BOAT RAMP	26.42313	26.42313	Interior
US EPA	COL-TRAFFORD-1	Collier-Trafford-1	26.41958	26.41958	Inflow
US EPA	COL-TRAFFORD-2	Collier-Trafford-2	26.41958	26.41958	Interior
US EPA	COL-TRAFFORD-3	Collier-Trafford-3	26.41958	26.41958	Outflow
US EPA	IMKFSHCK	IMKFSHCK	26.01583	26.01583	Exterior-US
US EPA	L TRAFFO	L TRAFFO	26.43361	26.43361	Inflow
US EPA	L TRAFFO_R	L TRAFFO_R	26.43361	26.43361	Inflow
US EPA	LKTRAF1	Lake Trafford	26.43290	26.43290	Interior
US EPA	LKTRAF2	Lake Trafford	26.43550	26.43550	Inflow
US EPA	LKTRAF3	Lake Trafford	26.42810	26.42810	Interior
US EPA	LKTRAF4	Lake Trafford	26.41520	26.41520	Outflow
US EPA	LKTRAF5	Lake Trafford	26.40950	26.40950	Interior
US EPA	LKTRAF6	Lake Trafford	26.42920	26.42920	Interior
US EPA	LKTRAF7	Lake Trafford	26.42660	26.42660	Interior
US EPA	LKTRAF8	Lake Trafford	26.42160	26.42160	Interior
US EPA	LKTRAFF	Lake Trafford	26.43210	26.43210	Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	SILVER S_R	SILVER S_R	26.29694	26.29694	Exterior-US
Lake Washington					
NOAA	84625	Kissimee	28.28333	28.28333	Unknown
NOAA	85612	Melbourne Airport	28.10000	28.10000	Unknown
SJRWMD	LWC	Lake Washington Center	28.14244	28.14244	Interior
SJRWMD	LWE	SJR 100 yards South of Lake Washington	28.11361	28.11361	Inflow
SJRWMD	LWW	SJR 50 yards downstm of Lake Washington weir	28.16681	28.16681	Outflow
US EPA	03080101-055	St. Johns River Station 10A	28.16556	28.16556	Outflow
US EPA	20010107	ST JOHNS R FLA 500 (US 192)	28.08389	28.08389	Inflow
US EPA	20010115	ST JOHNS R FRM LAKE WASHINGTON	28.16583	28.16583	Outflow
US EPA	20010116	L WASHINGTON CENTER	28.14375	28.14375	Inflow
US EPA	20010375	Lake Washington 0.8mi East of weir	28.16682	28.16682	Outflow
US EPA	20010661	ST JOHNS RIVER NEAR SR 192 BRIDGE	28.08389	28.08389	Inflow
US EPA	20010855	SJR 275m upstream of Lake Washington	28.11166	28.11166	Inflow
US EPA	20010856	SJR 625m upstream of Lake Washington	28.10868	28.10868	Inflow
US EPA	20010857	SJR 975m upstream of Lake Washington	28.10622	28.10622	Inflow
US EPA	3SJR10009	ST JOHNS RIVER AT SR 192	28.08417	28.08417	Inflow
US EPA	3SJR10010	LAKE WASHINGTON NEAR CENTER	28.14972	28.14972	Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	GFCCR0162	ST. JOHNS RIVER EXIT TO LAKE WASHINGTON	28.16556	28.16556	Outflow
US EPA	GFCCR0204	ST. JOHNS RIVER ENTRANCE TO LAKE WASHINGTON	28.11389	28.11389	Outflow
US EPA	SJ8	ST. JOHNS R. AT US192	28.08417	28.08417	Inflow
USGS	2232000	ST. JOHNS RIVER NEAR MELBOURNE FLA	28.08444	28.08444	Inflow
Medard Park					
SWFWMD	2301500	ALAFIA RIVER AT LITHIA FL	27.87194	27.87194	Exterior-DS
SWFWMD	FLO-2557	MEDARD DAM OUTFLOW	27.90949	27.90949	Outflow
SWFWMD	RNF-107	BIG FOUR MINE	27.74642	27.74642	Exterior-US
SWFWMD	RNF-204	HURRAH TOWER	27.74114	27.74114	Exterior-US
SWFWMD	RNF-252	ALAFIA	27.87224	27.87224	Exterior-US
SWFWMD	RNF-257	PLEASANT GROVE	27.92724	27.92724	Interior
SWFWMD	RNF-31	SOUTH CENTRAL	27.86391	27.86391	Exterior-US
SWFWMD	RNF-320	VALRICO	27.93835	27.93835	Exterior-US
SWFWMD	RNF-358	BOYETTE	27.80114	27.80114	Exterior-US
SWFWMD	RNF-391	DOVER (DV-1)	27.99252	27.99252	Exterior-US
SWFWMD	RNF-401	ROMP 61 LAKE MEDARD	27.90891	27.90891	Exterior-US
SWFWMD	RNF-428	ROMP 48 THATCHER	27.74114	27.74114	Exterior-US
SWFWMD	RNF-531	ROMP DV-2	27.96669	27.96669	Exterior-US
SWFWMD	RNF-532	ROMP 62 CRISTINA	27.86197	27.86197	Exterior-US
SWFWMD	RNF-9	HOPEWELL	27.91697	27.91697	Exterior-US
SWFWMD	RNF-94	LONESOME	27.72947	27.72947	Exterior-US
SWFWMD	STA-3816	MEDARD RESERVOIR (USGS)	27.91058	27.91058	Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
SWFWMD	STA-419	EDWARD MEDARD RESERVOIR	27.90869	27.90869	Interior
US EPA	2301368	EDWARD MEDARD RESERVOIR AT PLEASANT GROVE FL	27.91028	27.91028	Outflow
USGS	02301368	EDWARD MEDARD RESERVOIR AT PLEASANT GROVE FL	27.91028	27.91028	Outflow
USGS	02301400	TURKEY CREEK NEAR DURANT FL	27.93750	27.93750	Exterior-US
Red Beach Lake					
SWFWMD	FLO-8	JACKSON CREEK AT STR 3	27.43476	27.43476	Outflow
SWFWMD	STA-93	RED BEACH LAKE	27.42837	27.42837	Interior
US EPA	2271660	10B RED BEACH L AT DE SOTO CITY FL	27.43056	27.43056	Interior
US EPA	HIG-REDBEACH-1	Highlands-Red Beach-1	27.42968	27.42968	Inflow
US EPA	HIG-REDBEACH-2	Highlands-Red Beach-2	27.43262	27.43262	Interior
US EPA	HIG-REDBEACH-3	Highlands-Red Beach-3	27.43567	27.43567	Outflow
Rodman Reservoir					
FDEP	21162				Interior
FDEP	22902				Interior
NOAA	82915	Federal Point	29.75000	29.75000	Unknown
NOAA	83321	Gainesville	29.63333	29.63333	Unknown
NOAA	83322	Gainesville	29.68333	29.68333	Unknown
NOAA	83326	Gainesville Muni Arpt	29.68333	29.68333	Unknown
NOAA	86753	Palatka	29.65000	29.65000	Unknown

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
SJRWMD	20020012	OKLAWAHA_RIVER_AT_SR_316	29.37306	29.37306	Inflow
US EPA	111610	DEEP CREEK FLA 310 W OF RODMAN	29.50000	29.50000	Outflow
US EPA	111665	OKLAWAHA R ORANGE FERRY FISH CP	29.48333	29.48333	Inflow
US EPA	111680	OKLAWAHA R FLA 316 E OF EUREKA	29.50000	29.50000	Inflow
US EPA	20020006	ORANGE CR AT SR 315 NR ORNG SPRG	29.51375	29.51375	Inflow
US EPA	20020012	OKLAWAHA RIVER AT SR 316	29.37292	29.37292	Inflow
US EPA	20020068	OCKLAWAHA RIVER 1.1 MI. DOWNSTREAM RODMAN	29.49472	29.49472	Outflow
US EPA	20020084	LIT ORANGE CR N CONF ORANGE CR.	29.52269	29.52269	Inflow
US EPA	2002031	OKLAWAHA R CEDAR FERRY MIDSTR	29.51472	29.51472	Interior
US EPA	20020311	OKLAWAHA R AT TOBACO PATCH LANDN	29.43050	29.43050	Interior
US EPA	20020312	OKLAWAHA R ORANGE FER NFS RD 77	29.50306	29.50306	Interior
US EPA	20020314	OKLAWAHA AT RODMAN DAM DNSTR SDE	29.50667	29.50667	Outflow
US EPA	20020404	ORANGE CREEK 50 YDS. UP FROM HWY. 21	29.50861	29.50861	Inflow
US EPA	20020434	RODMAN RESERVOIR AT SR 310	29.54194	29.54194	Inflow
US EPA	3517	OKLAWAHA RIVER AT S.R 316	29.37306	29.37306	Inflow
US EPA	3C133011L	SWEETWATER CREEK	29.56056	29.56056	Inflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	3C133011U	SWEETWATER CREEK	29.57250	29.57250	Inflow
US EPA	3C133013L	NO NAME	29.46583	29.46583	Inflow
US EPA	3C133013U	NO NAME	29.46389	29.46389	Inflow
US EPA	3CFB10001	DEEP CREEK AT HIGHWAY 310	29.54222	29.54222	Inflow
US EPA	3CFB10003	ORANGE CREEK AT SR 315	29.51361	29.51361	Inflow
US EPA	3CFB10004	OKLAWAHA RIVER AT SR 316 (EUREKA)	29.37306	29.37306	Inflow
US EPA	3CFB10005	OKLAWAHA RIVER ABOVE DAM	29.51000	29.51000	Outflow
US EPA	3CFB10006	LAKE OKLAWAHA AT KENWOOD BAY	29.52194	29.52194	Interior
US EPA	3CFB10007	LAKE OKLAWAHA AT POWERLINE	29.49944	29.49944	Interior
US EPA	3CFB10008	LAKE OKLAWAHA AT PAYNES LANDING	29.44500	29.44500	Interior
US EPA	3CFB10009	LAKE OKLAWAHA AT GASLINE	29.51722	29.51722	Interior
US EPA	3CFB10010	LAKE OKLAWAHA AT MARKER 15	29.52194	29.52194	Interior
US EPA	7452	SJD-HS-1009	29.49861	29.49861	Outflow
US EPA	7453	SJD-HS-1015	29.33400	29.33400	Inflow
US EPA	7470	SJD-HS-1114	29.49650	29.49650	Outflow
US EPA	7476	SJD-HS-1059	29.49861	29.49861	Outflow
US EPA	7479	SJR-HS-1066	29.36722	29.36722	Inflow
US EPA	7963	SJD-LL-1023	29.51350	29.51350	Outflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	8058	SJD-LS-1001	29.51445	29.51445	Inflow
US EPA	8068	SJD-LS-1005	29.50282	29.50282	Outflow
US EPA	8072	SJD-LS-1006	29.49503	29.49503	Outflow
US EPA	8098	SJD-LS-1019	29.49728	29.49728	Outflow
US EPA	8103	SJD-LS-1027	29.58417	29.58417	Inflow
US EPA	8110	SJD-LS-1037	29.40111	29.40111	Inflow
US EPA	8132	SJD-LS-1054	29.50682	29.50682	Inflow
US EPA	8703	SJD-LS-1039	29.58529	29.58529	Inflow
US EPA	8719	SJD-SL-1022	29.58314	29.58314	Inflow
US EPA	GFCCR0211	RODMAN RESERVOIR MID CHANNEL AT PAYNES LANDING	29.44189	29.44189	Interior
US EPA	GFCCR0212	RODMAN RESERVOIR ORANGE SPRINGS COVE	29.50811	29.50811	Inflow
US EPA	GFCCR0213	RODMAN RESERVOIR AT DEEP CREEK COVE BRIDGE	29.54489	29.54489	Inflow
US EPA	GFCCR0214	OKLAWAHA RIVER IN RODMAN RESERVOIR TAILRACE	29.50542	29.50542	Outflow
US EPA	GFCCR0264	OKLAWAHA RIVER AT EUREKA BRIDGE	29.37161	29.37161	Inflow
US EPA	GFCCR0265	RODMAN RESERVIOR AT MOUTH OF OKLAWAHA RIVER	29.38108	29.38108	Inflow
US EPA	GFCCR0266	RODMAN RESERVIOR AT TREE CRUSHER	29.47297	29.47297	Interior
US EPA	GFCCR0267	ORANGE CREEK AT HIGHWAY 315 BRIDGE	29.51350	29.51350	Inflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	GFCCR0268	RODMAN RESERVOIR AT CHANNEL MARKER 22	29.53650	29.53650	Interior
US EPA	GFCCR0269	RODMAN RESERVOIR AT DAM	29.50947	29.50947	Outflow
US EPA	PUT-RODMAN-1	Putnam-Rodman-1	29.52667	29.52667	Interior
US EPA	PUT-RODMAN-2	Putnam-Rodman-2	29.52667	29.52667	Interior
US EPA	PUT-RODMAN-3	Putnam-Rodman-3	29.52667	29.52667	Interior
US EPA	PUT-RODMAN-4	Putnam-Rodman-4	29.52667	29.52667	Interior
US EPA	PUT-RODMAN-5	Putnam-Rodman-5	29.52667	29.52667	Interior
US EPA	PUT-RODMAN-6	Putnam-Rodman-6	29.52667	29.52667	Interior
US EPA	PUT-RODMANOU1-1	Putnam-Rodman-out 1-1	29.50778	29.50778	Outflow
US EPA	PUT-RODMANOU2-1	Putnam-Rodman-out 2-1	29.52778	29.52778	Outflow
US EPA	PUT-RODMANOU3-1	Putnam-Rodman-out 3-1	29.50833	29.50833	Interior
USGS	2240500	OCKLAWAHA RIVER AT EUREKA,FLA.	29.37222	29.37222	Inflow
USGS	2243000	ORANGE CREEK AT ORANGE SPRINGS, FLA.	29.50944	29.50944	Inflow
USGS	2243960	OCKLAWAHA R AT RODMAN DAM NR ORANGE SPRINGS, FL.	29.50833	29.50833	Outflow
USGS	2244032	CROSS FL BARGE CA AT BUCKMAN LOCK NR PALATKA, FL	29.54583	29.54583	Outflow
St. Johns Marsh Conservation Area					
NOAA	85612	Melbourne Airport	28.10000	28.10000	Unknown

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
SJRWMD	BBM	SJMCA at Big Bend Marsh telemetry station	27.94533	27.94533	Interior
SJRWMD	BCMCU	Upstream (south) of S-96C in M canal in BCMCA	27.82100	27.82100	Inflow
SJRWMD	C40E8	Canal 40 Upstream of E-8 plug	27.95526	27.95526	Interior
SJRWMD	HBI	Lake Hell N Blazes inlet	28.00821	28.00821	Outflow
SJRWMD	MBM	Mulberry Marsh in SJMCA 800 m west of C40	27.90518	27.90518	Interior
SJRWMD	S-250 North		27.82268	27.82268	Inflow
SJRWMD	S-96C		27.82311	27.82311	Inflow
SJRWMD	S-96C North		27.82278	27.82278	Inflow
SJRWMD	SMM	Six Mile Marsh in SJMCA 700 m West of C40	27.85998	27.85998	Interior
SJRWMD	SMO	South Mormon Outside Canal 100 yd upstm fr SJR	27.98935	27.98935	Outflow
US EPA	1248DA	LARGO	27.91667	27.91667	Interior
US EPA	20010118	ST JOHNS R TO SAWGRASS L	28.06275	28.06275	Exterior-DS
US EPA	20010119	ST JOHNS R TO L HELLEN BLAZES	28.00056	28.00056	Exterior-DS
US EPA	20010504	WESTERN TERMINAT OF LAT M CANAL	27.82264	27.82264	Exterior-DS
US EPA	20010662	THREE FORKS RUN ON ST JOHNS RIVER	27.99500	27.99500	Outflow
US EPA	3SJR10005	ST JOHNS R ABOVE LK HELLEN BLAZES	28.04889	28.04889	Exterior-DS
US EPA	3SJR10006	LAKE HELLEN BLAZES NEAR OUTLET	28.02278	28.02278	Exterior-DS
US EPA	BDC	BULLDOZER CANAL 100 YDS UPSTR CONF W/ S MORMON	27.99694	27.99694	Exterior-US

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	C40MM	CANAL 40 400M N OF S-256 NR MULBERRY MOUND	27.90972	27.90972	Interior
US EPA	CFO	CANAL 40 100 YDS SOUTH OF CONF W/ THREE FORKS	27.97611	27.97611	Interior
US EPA	GFCCR0161	SOUTH MORMON OUTSIDE CANAL UPSTREAM FROM 3-FORKS	27.98750	27.98750	Outflow
US EPA	GFCCR0172	3-FORKS RUN APPROX. 300 FT UPSTREAM	27.99028	27.99028	Outflow
US EPA	GFCCR0182	SOUTH MORMON OUTSIDE CANAL DOWNSTREAM 3-FORKS	27.99444	27.99444	Outflow
US EPA	GFCCR0194	BULLDOZER CANAL APPROX. 100 FT IN FROM RIVER	27.99722	27.99722	Exterior-US
US EPA	GFCCR0200	ST. JOHNS RIVER ENTRANCE TO LAKE HELL N' BLAZES	28.01111	28.01111	Outflow
US EPA	GFCCR0201	ST. JOHNS RIVER EXIT OF LAKE HELL N' BLAZES	28.02778	28.02778	Exterior-DS
US EPA	GFCCR0228	DEVILS GARDEN SPRING	28.08333	28.08333	Exterior-DS
US EPA	HBC	LAKE HELL'N BLAZES AT CENTER	28.01472	28.01472	Exterior-DS
US EPA	HBO	ST JOHNS RIVER AT EXIT OF LAKE HELL'N BLAZES	28.02556	28.02556	Exterior-DS
US EPA	JGM	JANE GREEN MARSH W OF SJR (B/T HL'N BLZ & SGRS)	28.05222	28.05222	Exterior-DS
US EPA	MARYAC	MARY A CANAL UPSTREAM OF CONF W/ C-40	27.82528	27.82528	Interior
US EPA	SARTOW	SARTORI WEST IN CANAL UPSTM OF PUMP	27.87444	27.87444	Exterior-DS

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	SCR	SIX MILE CREEK IN CANAL 50 YDS FROM FARM CULVERT	27.86686	27.86686	Exterior-DS
US EPA	SME	S MORMON EXT 50 YDS S OF CONF W/TEN MILE CANAL	27.93917	27.93917	Exterior-DS
US EPA	SMOTM	S MORMON OUTSIDE CANAL AB TEN MILE CANAL	27.93750	27.93750	Exterior-DS
US EPA	SWOLF	S. WOLF CREEK IN CANAL AT NE CORNER SATORI WEST	27.89528	27.89528	Exterior-DS
US EPA	SWOLFU	SOUTH WOLF CRK DWNSTM FROM PUMP AT MARKER POLE	27.89489	27.89489	Exterior-DS
US EPA	TFM	THREE FORKS MARSH E OF BULLDOZER CANAL AT GAGE	27.99722	27.99722	Exterior-DS
US EPA	THF	ST JOHNS RIVER IN THREE FORKS AREA	27.98833	27.98833	Outflow
US EPA	TMC	TEN MI CNL 100 YDS W OF CONF W/S MORMON EXT CNL	27.94000	27.94000	Exterior-DS
US EPA	TUCK2	PUMP AT NORTH END OF TUCKER PROPERTY	27.86589	27.86589	Exterior-DS
US EPA	WFE	WILLOWBRK FARMS E-- 100 YDS S OF BEND IN CANAL	27.90694	27.90694	Exterior-DS
US EPA	WFN	WILLOWBRK FRMS N-- B/T CULVERTS & CONF W/ SME	27.91167	27.91167	Exterior-DS
USGS	2231600	JANE GREEN CREEK NEAR DEER PARK, FLA.	28.07417	28.07417	Outflow
USGS	2232000	ST. JOHNS RIVER NEAR MELBOURNE FLA	28.08444	28.08444	Outflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
NOAA	83137	Fort Drum	27.58333	27.58333	Unknown
NOAA	89214	Vero Beach	27.65000	27.65000	Unknown
NOAA	89219	Vero Beach	27.63333	27.63333	Unknown
SJRWMD	FTT	Farm 13 aka SJWMA South	27.77842	27.77842	Interior
SJRWMD	S-96		27.82373	27.82373	Outflow
SJRWMD	S-96A		27.82373	27.82373	Outflow
SJRWMD	S-96B		27.82542	27.82542	Outflow
SJRWMD	S-96B East		27.82542	27.82542	Outflow
SJRWMD	S96BO	East of S-96B in Northwest SJWMA	27.82517	27.82517	Outflow
SJRWMD	S-96D North		27.75434	27.75434	Inflow
SJRWMD	STKM	Stick Marsh aka SJWMA North	27.81065	27.81065	Interior
US EPA	20010500	GULF & WEST LAT M CL NR BLV CYP	27.75667	27.75667	Exterior-DS
US EPA	20010501	GULF & WEST LAT M CANL OP DITCH	27.76592	27.76592	Exterior-DS
US EPA	20010505	GULF & WEST CANAL O & DITCH 18 C	27.75728	27.75728	Exterior-DS
US EPA	20010512	LATERAL M AT DITCH 13 INTSECT	27.77694	27.77694	Exterior-DS
US EPA	20010663	LATERAL M CANAL 2 MI NORTH OF BLUE CYPRESS LAKE	27.79944	27.79944	Exterior-DS
US EPA	BCWMO	BLUE CYPRESS WMA OUTLET ABOVE S-96-D	27.75306	27.75306	Inflow
US EPA	GFCCR0276	SJWMA SOUTH FARM 13 SOUTH	27.78861	27.78861	Interior
US EPA	GFCCR0277	SJWMA MIDDLE FARM 13 NORTH	27.77294	27.77294	Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	LMN	LAT M CANAL 100 YDS N OF CONF W/ ZIGZAG CANAL	27.76056	27.76056	Exterior-US
US EPA	LMP	FELLSMERE PUMP ON LATERAL M N OF ZIGZAG CANAL	27.77694	27.77694	Exterior-US
US EPA	ZZC	ZIGZAG CANAL 100 YDS UPST OF CONF W/LAT M CANAL	27.75750	27.75750	Exterior-US
Sunnyhill Farm					
NOAA	85076	Lisbon	28.86667	28.86667	Unknown
NOAA	86414	Ocala	29.20000	29.20000	Unknown
SJRWMD	MBRD8	Moss Bluff Rim Ditch #8 at Moss Bluff WL	29.08120	29.08120	Outflow
SJRWMD	MBU	at Moss Bluff; upstream of the lock	29.07886	29.07886	Outflow
SJRWMD	SHBNWA	Sunnyhill marsh old river channel at staff gauge 6	29.04806	29.04806	Interior
SJRWMD	SHCDS	Sunny Hill C-D South #5 WL	29.03220	29.03220	Interior
SJRWMD	SHMBEA	Sunnyhill marsh outfall to C-231 Canal downstream	29.08139	29.08139	Outflow
SJRWMD	SHNWNA	Sunnyhill marsh NW field; north side in old river	29.03111	29.03111	Interior
SJRWMD	SHORIA	C231 Canal near intake to Sunnyhill marsh	28.99389	28.99389	Inflow
SJRWMD	SHRRDA	Sunnyhill marsh downstream of confluence of old ri	29.07556	29.07556	Interior
SJRWMD	SHSEWA	Sunnyhill marsh SE field; west side	29.00861	29.00861	Interior
SJRWMD	SHSWCA	Sunnyhill marsh SW field; east side in center	29.01000	29.01000	Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
SJRWMD	SNYH1	Sunny Hill South #1 WL	29.01310	29.01310	Interior
SJRWMD	SNYH2	Sunny Hill Mid #2 WL	29.01820	29.01820	Interior
SJRWMD	SNYH3	Sunny Hill Canal #3 WL	29.01830	29.01830	Interior
SJRWMD	SNYH4	Sunny Hill North #4 WL	29.03210	29.03210	Interior
SJRWMD	SNYH6	Sunny Hill River #6 WL	29.04860	29.04860	Interior
SJRWMD	SNYH7	Sunny Hill Rim Ditch #7 WL	29.07460	29.07460	Interior
SJRWMD	SNYHCD	Sunny Hill C-D North #5 WL	29.03220	29.03220	Interior
SJRWMD	SNYHD	Sunny Hill Inlet Downstream #9 WL	28.99420	28.99420	Inflow
SJRWMD	SNYHU	Sunny Hill Inlet Upstream #10 WL	28.99410	28.99410	Inflow
SJRWMD	SUNWSWL	Sunny Hill Weather Station nr Weirsdale WL	29.00520	29.00520	Interior
US EPA	03080102-LG-01	Lake Griffin North	28.98890	28.98890	Exterior-DS
US EPA	111740	OKLAWAHA R FLA 464 MOSS BLF LOCK	29.08333	29.08333	Exterior-DS
US EPA	20020001	OCKLAWAHA RIVER AT SR 464	29.08139	29.08139	Exterior-DS
US EPA	20020306	OKLAWAHA R AT SR 42 MIDSTREAM	28.99072	28.99072	Exterior-DS
US EPA	20020355	OKLAWAHA RIVER 3 MILES DOWNSTREAM OF S.R. 42	29.06028	29.06028	Exterior-DS
US EPA	50557	SWIM POND	29.04306	29.04306	Interior
US EPA	GFCCR0226	OKLAWAHA RIVER DOWNSTR. MOSS BLUFF LOCK AND DAM	29.08194	29.08194	Exterior-DS
US EPA	MBD	MOSS BLUFF STRUCTURE BELOW THE DAM	29.07889	29.07889	Exterior-DS

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	OR42	OCKLAWAHA RIVER AT SR 42	28.99083	28.99083	Exterior-DS
US EPA	ORD6	OCKLAWAHA RIVER @ SR 42 BRIDGE	28.99083	28.99083	Exterior-DS
US EPA	SHICDA	SUNNYHILL FARM DITCH DSTREAM INTAKE CULV F/C-231	28.99500	28.99500	Inflow
US EPA	SHNWCA	SUNNYHILL FARM MSH NW FIELD CTR/WEST OF OLD RVR	29.02500	29.02500	Interior
US EPA	SHNWFA	SUNNYH FRM MSH NW FIELD S SIDE NR OLD RIVER CHAN	29.02167	29.02167	Interior
US EPA	SHNWWA	SUNNYH FARM MSH NW FIELD WEST RIM DITCH NR/C-231	29.02389	29.02389	Interior
USGS	2238499	OCKLAWAHA R AB MOSS BLUFF DAM AT MOSS BLUFF,FL	29.08111	29.08111	Exterior-DS
USGS	2238500	OCKLAWAHA R AT MOSS BLUFF, FL.	29.08111	29.08111	Exterior-DS
Taylor Creek Reservoir					
NOAA	84625	Kissimee	28.28333	28.28333	Unknown
NOAA	86628	Orlando	28.45000	28.45000	Unknown
NOAA	88942	Titusville	28.61667	28.61667	Unknown
SJRWMD	TCB	Taylor Creek East of Bridge on Hwy 532	28.35231	28.35231	Outflow
US EPA	20010820	Taylor Creek @ Nova Rd Bridge	28.35228	28.35228	Outflow
US EPA	20010821	Taylor Creek @ Reservoir	28.34047	28.34047	Outflow
US EPA	20010822	Taylor Creek Reservoir @ Easement	28.34856	28.34856	Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
US EPA	3SJR10021	TAYLOR CREEK IMPOUNDMENT	28.33222	28.33222	Outflow
US EPA	3SJR10022	TAYLOR CREEK AT HIGHWAY 532	28.35194	28.35194	Outflow
US EPA	3SJR10023	TAYLOR CREEK IMPOUNDMENT	28.33972	28.33972	Outflow
US EPA	3SJR10024	TAYLOR CREEK IMPOUNDMENT	28.33972	28.33972	Outflow
US EPA	3SJR10025	TAYLOR CREEK IMPOUNDMENT	28.34000	28.34000	Outflow
US EPA	GFCCR0177	TAYLOR CREEK AT 532 BRIDGE	28.35139	28.35139	Outflow
US EPA	TAY1	TAYLOR CRK AT WEST BOUNDARY TOSOHATCHEE ST RES	28.35528	28.35528	Outflow
US EPA	TCD	TAYLOR CREEK IMPOUNDMENT 100 YDS W OF STRUCTURE	28.33944	28.33944	Outflow
US EPA	TCL	TAYLOR CREEK IMPOUNDMENT 100 YDS W OF N LEVEE	28.34806	28.34806	Interior
US EPA	TCN	TAYLOR CREEK IMPOUNDMENT ALONG NORTH SHORE	28.34028	28.34028	Inflow
US EPA	TCS	TAYLOR CREEK IMPOUNDMENT ALONG SOUTH SHORE	28.32833	28.32833	Inflow
US EPA	TIM	TAYLOR CREEK IMPOUNDMENT NEAR MIDDLE	28.33889	28.33889	Interior
USGS	2232415	TAYLOR CREEK NR COCOA, FLA.	28.35222	28.35222	Outflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
Tsala Apopka					
NOAA	86414	Ocala	29.20000	29.20000	Exterior-US
SWFWMD	FLO-113	TSALA APOPKA CAN AT S-353	28.95554	28.95554	Interior
SWFWMD	STA-15	TSALA APOPKA AT INVERNESS	28.84443	28.84443	Interior
SWFWMD	STA-490	TSALA APOPKA AT HERNANDO	28.90248	28.90248	Interior
SWFWMD	STA-496	LAKE HENDERSON AT TSA APKA	28.84443	28.84443	Interior
SWFWMD	STA-52	TSALA APOPKA @ FLORAL CITY	28.75026	28.75026	Interior
USGS	113	LITTLE LAKE (CONSUELLA)	28.74776	28.74776	Outflow
USGS	15	TSALA APOPKA AT INVERNESS	28.84443	28.84443	Interior
USGS	23010006	TSALA APOPKA L AT HWY 39A BRIDGE			Outflow
USGS	23010009	TSALA APOPKA L OUTLET FR DAVIS L			Outflow
USGS	23010010	TSALA APOPKA L CANAL ON N SIDE			Outflow
USGS	23010011	TSALA APOPKA L OUTLET FR SPIVEY			Outflow
USGS	23010012	TSALA APOPKA L SW SDE HENDERSON			Outflow
USGS	23010013	TSALA APOPK L NW SEC HENDERSON L			Interior
USGS	23010014	TSALA APOPKA L N SIDE HENDERSON			Interior
USGS	23010015	TSAL APOPR L SW SEC LIT HENDER L			Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
USGS	23010016	TSAL APOPK L SW SEC LIT HENDER L			Interior
USGS	23010017	TSAL APOPK L E SEC HENDERSON L			Interior
USGS	23010018	N SDE TSAL APOPK L AT SR #470 BR			Interior
USGS	23010019	E PORTION OF TSALA APOPKA LAKE			Interior
USGS	23010020	SR #581 BRG AT TSALA APOPKA LAKE			Interior
USGS	23010021	TSALA APOPKA L E END BELLAMY LAK			Interior
USGS	23010022	TSAL APOPK L N END DODD			Interior
USGS	23010023	MCDERMID DR BRG AT TSALA APOPKA			Interior
USGS	23010024	W POR HERNANDO L IN TSAL APOPKA			Interior
USGS	23010025	N END HERNANDO L IN TSAL APOPKA			Interior
USGS	23010026	W END BELLAMY L IN TSALA APOPKA			Interior
USGS	23010027	N END TODD LAKE IN TSALA APOPKA			Interior
USGS	23010028	CNT STRT ON OUTFL CNL TSAL APK L			Outflow
USGS	23010075	FLORAL CITY L, IN TSALA APOPKA L			Outflow
USGS	23010076	CNTR FLORAL L, IN TSALA APOPKA L			Outflow
USGS	23010077	N END FLORAL L, IN TSALA APOPKA			Outflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
USGS	23010078	NW COVE FLORAL L, TSALA APOPKA L			Outflow
USGS	23010079	CNTR W SECTOR OF TSALA APOPKA L			Interior
USGS	23010080	CNTR E SECTOR OF TSALA APOPKA			Interior
USGS	23010081	CNTR HAMPTON L IN TSALA APOPKA L			Interior
USGS	23010082	TSALA APOPKA CNL MOUTH, TUSSOCA			Outflow
USGS	23010083	CNTR TUSSOCA L IN TSALA APOPKA L			Interior
USGS	23010084	TSALA APOPKA L NEAR CNTRL STRCTR			Interior
USGS	23010085	CNTR DAVIS L IN TSALA APOPKA L			Interior
USGS	23010086	CNTR SPIVEY L IN TSALA APOPKA L			Interior
USGS	23010087	CNTR HENDERSON L IN TSAL APOPKA			Interior
USGS	23010088	TSALA APOPKA LAKE			Interior
USGS	23010089	TSALA APOPKA LAKE			Interior
USGS	23010090	CNTR CRAFT L IN TSALA APOPKA L			Interior
USGS	23010091	CNTRL STRT AT N END TSAL APOPKA			Interior
USGS	23010092	N END TSALA APOPKA L			Interior
USGS	23010093	S END TODD L IN TSALA APOPKA L			Interior

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
USGS	23010094	SE SCTR HERNANDO L IN TSAL APOP			Interior
USGS	23010420	LAKE TSALA APOPKA IN DODD LAKE POOL	28.94211	28.94211	Interior
USGS	23010421	LAKE TSALA APOPKA IN CROFT LAKE POOL	28.89619	28.89619	Interior
USGS	23010423	LAKE TSALA APOPKA IN DAVIS LAKE POOL	28.82183	28.82183	Interior
USGS	23010424	LAKE TSALA APOPKA IN HAMPTON LAKE POOL	28.78183	28.78183	Interior
USGS	2312975	TSALA APOPKA OUTFALL CAN AT S-353 NR HERNANDO	28.95528	28.95528	Outflow
USGS	2312975	# USGS 02312975 TSALA APOPKA OUTFALL CAN AT S-353	28.95528	28.95528	Outflow
USGS	490	TSALA APOPKA AT HERNANDO	28.90248	28.90248	Interior
USGS	Citrus-Tsala Apopka South-1	Citrus-Tsala Apopka South-1	28.76873	28.76873	Inflow
USGS	Citrus-Tsala Apopka South-2	Citrus-Tsala Apopka South-2	28.76908	28.76908	Interior
USGS	Citrus-Tsala Apopka South-3	Citrus-Tsala Apopka South-3	28.76958	28.76958	Outflow
USGS	Citrus-Tsala Apopka-1	Citrus-Tsala Apopka-1	28.84870	28.84870	Inflow
USGS	Citrus-Tsala Apopka-2	Citrus-Tsala Apopka-2	28.85458	28.85458	Interior
USGS	Citrus-Tsala Apopka-3	Citrus-Tsala Apopka-3	28.85513	28.85513	Outflow
USGS	D01	D01 TSALA A.;FLORAL CTY; L CNTR NOF DUVAL I COVE	28.77472	28.77472	Outflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
USGS	D02	D02 TSALA A.;WITHLACOOCHEE RIVER AT STRD 48	28.72372	28.72372	Outflow
USGS	D04	D04 TSALA A.;FLORAL CTY L MID-L 500' S OF BEACH	28.76161	28.76161	Outflow
USGS	D05	D05 TSALA A.;LITTLE HENDERSON LAKE MID-L STATION	28.84003	28.84003	Inflow
USGS	D06	D06 TSALA A.;HENDERSON LAKE 2000' SE OF RD 470	28.83842	28.83842	Inflow
USGS	D07	D07 TSALA A;HNDRSN L MD-L 2000'E.NE OF CABBAGE I	28.85386	28.85386	Inflow
USGS	D08	D08 TSALA A.;HERNANDO LAKE 1000' W OF LARGE I	28.91447	28.91447	Inflow
USGS	D09	D09 TSALA A.;HERNANDO L. 1000' E OF BATHING AREA	28.90408	28.90408	Inflow
USGS	D10	D10 TSALA APOPKA;C-331 30' UPSTREAM S-353	28.95511	28.95511	Inflow
USGS	D11	D11 TSALA APOPKA;C-331 30' DOWNSTREAM S-353	28.95436	28.95436	Outflow
USGS	D12	D12 TSALA A.;WITHLACOOCHEE RIVER AT ST.RD 200	28.98922	28.98922	Outflow
USGS	D13	D13 TSALA APOPKA;COOTER POND 15' OFF BOAT RAMP	28.83556	28.83556	Outflow
USGS	DO3	DO3 TSALA A.;FLORAL CTY L MID-L N.W. JOHNSON I	28.77533	28.77533	Outflow
USGS	FLORAL CITY1	FLORAL CITY1 CITRUS CO SEE NOTE	28.75856	28.75856	Outflow
USGS	FLORAL CITY2	FLORAL CITY2 CITRUS CO SEE NOTE	28.75856	28.75856	Outflow

Table B-1: Data Site/Monitoring Station Summary

Agency	Station ID	Station Name	Latitude	Longitude	Relative Loc.
USGS	FLORAL CITY3	FLORAL CITY3 CITRUS CO SEE NOTE	28.75856	28.75856	Outflow
USGS	TSALA APOPKA LAKE	TSALA APOPKA LAKE	28.93278	28.93278	Interior
USGS	TSALA_APOPKA1	TSALA_APOPKA1_CITRUS_CO_SEE_NOTE	28.85111	28.85111	Interior
USGS	TSALA_APOPKA2	TSALA_APOPKA2_CITRUS_CO_SEE_NOTE	28.85111	28.85111	Interior
USGS	TSALA_APOPKA3	TSALA_APOPKA3_CITRUS_CO_SEE_NOTE	28.85111	28.85111	Interior
USGS	TSALAAPOPKA S1	TSALAAPOPKA S1 CITRUS CO SEE NOTE	28.76947	28.76947	Interior
USGS	TSALAAPOPKA S2	TSALAAPOPKA S2 CITRUS CO SEE NOTE	28.76947	28.76947	Interior
USGS	TSALAAPOPKA S3	TSALAAPOPKA S3 CITRUS CO SEE NOTE	28.76947	28.76947	Interior