

Chapter 1: Introduction to the *2007 South Florida Environmental Report – Volume II*

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This chapter provides the background and outline of Volume II of the *2007 South Florida Environmental Report* (SFER). Whereas Volume I of the 2007 SFER focuses on the reports unique to the South Florida Water Management District (SFWMD or District), Volume II includes the reports that are prepared by all five of Florida's water management districts. Volume II consolidates eight reports: the Annual Work Plan Report; Minimum Flows and Levels Priority List and Schedule; Five-Year Capital Improvements Plan; Five-Year Water Resource Development Work Program; Alternative Water Supply Annual Report; Florida Forever Work Plan Annual Update; Mitigation Donation Annual Report; and Land Stewardship Annual Report.

LEGAL AND REPORTING REQUIREMENTS

Volume II is prepared as specified by Chapter 2005-36, Laws of Florida (http://election.dos.state.fl.us/laws/05laws/ch_2005-036.pdf), which was passed during the 2005 legislative session. This legislation calls for all five of Florida's water management districts to consolidate annual reports submitted to the Florida legislature or Executive Office of the Governor. It is intended to encourage better, more efficient, and unified state-wide reporting of water management district activities, and to allow easier access to such information by policymakers, stakeholders, and the public.

Within the 2007 SFER, the SFWMD is exercising the option of completing an Annual Work Plan Report (as an addendum to its Strategic Plan, available on the District's web site at http://www.sfwmd.gov/images/pdfs/stratplan_2006.pdf) in lieu of the District Water Management Plan (DWMP) Annual Report.

VOLUME II OBJECTIVES

Objectives for the development of Volume II are to provide in consolidated form a set of annual reports prepared by Florida's water management districts. These reports document for policymakers, stakeholders, and the public progress in implementing plans developed to address areas of responsibility on a regional or District-wide basis.

While the reports are integral to project management reporting and central to the District's functions, reporting requirements historically caused significant overlaps across several of the reports. These overlaps were largely due to implementation of projects intentionally designed to serve more than one function. Continuing on the success of the SFER organization over the past two years, Volume II includes a Microsoft Access™ database of project descriptions that are

referenced in this volume's chapters. This database allows projects to be described once comprehensively, and provides efficiencies in project description, information gathering, compilation, review, printing, and distribution.

VOLUME II CONTENT

Volume II consolidates eight reports that were formerly prepared as separate publications and are now organized into the following chapters (Chapters 2 through 8). This organization facilitates comparative review with previous years' reports.

- **Annual Work Plan Annual Report:** Chapter 2 is an implementation status report for the Strategic Plan and resulting Annual Work Plan, including activity summaries and performance measures. Performance measures previously reported in the DWMP Annual Report are also included.
- **Minimum Flows and Levels Priority List and Schedule:** Chapter 3 is an annual status report describing the District's success in setting and implementing Minimum Flows and Levels (MFLs) as well as a schedule for establishing future MFLs. A list and schedule for the SFWMD's development of initial water reservations is also included.
- **Five-Year Capital Improvements Plan:** Chapter 4 is an annual report of the District's capital projects, covering all of the agency's programs. This chapter includes project-level detail and shows projected expenditures and corresponding funding sources for a five-year period, Fiscal Years 2007–2011 (FY2007–FY2011).
- **Water Supply Report:** Chapter 5 includes the Five-Year Water Resource Development Work Program, which provides projected five-year financial costs and water supply benefits for implementation of the District's regional water supply plans, as well as a status report of the water resource development efforts for the previous year. This chapter also includes the Alternative Water Supply (AWS) Annual Report, which is an annual summary report of the AWS projects funded by the SFWMD, including the quantity of water made available, agency funding, and total cost.
- **Florida Forever Work Plan, 2007 Annual Update:** Chapter 6 is a progress report and presentation of projects eligible for funding under the Florida Forever Act [§259.105, Florida Statutes (F.S.)] for land acquisition, water resource development, stormwater management, water body restoration, recreational facility construction, public access improvements, and invasive plant control.
- **Mitigation Donation Annual Report:** Chapter 7 is an annual report on the status of mitigation funds, including any funds received as mitigation for wetland impacts, as well as monies received by the District as a result of other agencies' permit requirements. This report also summarizes mitigation fund expenditures for FY2006 and projected expenditure for FY2007.
- **Land Stewardship Annual Report:** Chapter 8 is an annual report on the District's FY2006 management of District lands managed for conservation. This is done primarily through the Water Management Lands Trust Fund established under §373.59, F.S., and, through lease agreements, for project lands acquired for massive ecosystem scale restoration initiatives.

CONSOLIDATED PROJECT REPORT DATABASE

District projects and processes are often designed to serve multiple functions. Prior to the SFER, these projects and processes had to be re-described in every annual report they served. The Consolidated Project Report Database is designed to facilitate single SFWMD project or process descriptions that make up implementation strategies referenced in the 2007 SFER. Descriptive project and process data are stored in a database that can be accessed, queried, and sorted using widely available Microsoft Access software. Drop-down menu options are available for added data entry efficiency.

The fields contained in the Consolidated Project Report Database are the following numbered project or process attributes. Appendix 1-1 of this volume describes the database in detail.

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|---|--|
| 1) Title | 18) Historical Background/Need |
| 2) Type | 19) End Products
(scheduled products for processes) |
| 3) Lead Agency | 20) Major Water Bodies Impacted |
| 4) Lead SFWMD Organization # | 21) Expected Completion Month/Year |
| 5) Lead Program | 22) Associated Projects/Project Linkage |
| 6) Related Program | 23) Major Milestones Completed in
Last Fiscal Year |
| 7) Partners | 24) Milestones in Next Fiscal Year |
| 8) Manager | 25) Expenditures in Last Fiscal Year |
| 9) State Reporting Category | 26) Total Project Cost |
| 10) Last Updated | 27) Resource Performance Measures |
| 11) Description | 28) Project Performance Measures |
| 12) Area(s) of Responsibility
(if Water Supply, then includes
water made available) | 29) Alternative(s) |
| 13) Location (street address, county,
planning region) | 30) Major Uncertainties |
| 14) Legislative Reference | 31) District Financial Summary
(all for five-year period) |
| 15) Square Footage/Physical Description | 32) Funding Source |
| 16) Land Requirement | 33) Report References (including
Florida Forever Goal, if applicable) |
| 17) Objective | |

An added advantage of using this database to communicate project information is the sorting capability. For example, if the reader wants to review all the Capital Improvement Flood Protection projects in Collier County (and all the information associated with those projects), then those projects can be quickly identified along with their associated information. In this way, the database offers added flexibility and utility with regard to information and project management. Brief instructions on navigating the database are presented in Appendix 1-2, and the Consolidated Project Report Database is included as Appendix 1-3 of this volume.