

AUGUST 1, 2016

# Tentative Budget Submission

Pursuant to Section 373.536, Florida Statutes

Everglades National Park protects an unparalleled landscape that provides important habitat for numerous rare and endangered species like the manatee, American crocodile, and the elusive Florida panther.

Fiscal Year 2016 - 2017



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# SOUTH FLORIDA WATER MANAGEMENT DISTRICT

July 29, 2016

The Honorable Rick Scott  
Governor, State of Florida  
The Capitol  
Tallahassee, Florida 32399-0001

**Subject: South Florida Water Management District  
Tentative Budget Submission for Fiscal Year 2016-17**

Dear Governor Scott:

The South Florida Water Management District (District) respectfully submits its tentative budget for Fiscal Year 2016-17.

The Tentative Fiscal Year 2016-17 Budget of \$726.2 million allows for ongoing progress in environmental restoration and water resource projects throughout South Florida while ensuring the District continues to deliver on its core mission of flood control, water supply, water quality and natural systems. Without raising taxes on our citizens, this 2016-17 budget supports the agency's mission-critical functions and statutory obligations, including:

- Providing flood control and hurricane response (including sufficient emergency and capital reserves);
- Improving water quality and implementing projects to restore the Everglades;
- Meeting ongoing water supply and water resource development needs;
- Administering streamlined regulatory programs; and
- Meeting ongoing debt service payments, with no new additional debt proposed.

The District's Governing Board continued the commitment to maintain lower taxes for a sixth consecutive year, helping reduce the tax burden on South Florida property owners by proposing "rolled-back" millage rates. Estimated rolled-back millage rates are designed to generate the same level of revenues as the prior year, exclusive of new construction revenues. Other revenues to the District include state appropriations, balances, fees, agricultural privilege taxes and other sources.

By limiting operating costs, administrative overhead and non-mission related projects, the District has ensured that its fiscal resources support mission-critical functions.

### **Budget Highlights**

The vast majority of the Fiscal Year 2016-17 tentative budget is dedicated to operations and maintenance of water management infrastructure and to the advancement of ecosystem restoration goals.

- The Fiscal Year 2016-17 tentative budget supports \$54.1 million towards implementing the next phases of the Governor's Restoration Strategies plan to improve Everglades water quality, including:
  - **\$23 million** to increase capacity at Stormwater Treatment Area (STA) 1 West;
  - **\$6.2 million** to continue implementation of the Science Plan to help improve the water cleansing performance of the STAs;
  - **\$12.8 million** for Bolles Canal related conveyance improvements construction; and
- Priority projects identified by the Governing Board will provide significant benefits to South Florida's extensive flood control system and protect coastal estuaries, including:
  - **\$55.9 million** for continued maintenance, refurbishment and repair of South Florida's flood control system;
  - **\$67.8 million** to benefit the Caloosahatchee River and Estuary, including continuing construction of the massive Caloosahatchee River (C-43) Reservoir to ensure water flow to the river during dry months;
  - **\$60.3 million** for construction progress on the C-44 Reservoir and STA allowing the storage and treatment of local runoff headed for the St. Lucie Estuary in Martin County;
  - **\$17.6 million** to continue construction progress towards Lakeside Ranch STA phase II in Martin County; and
- **\$4 million** to increase the pumping capacity at S-199 and S-200 pump stations, which will send more water flowing towards Taylor Slough and Everglades National Park, ultimately reaching Florida Bay. The Governing Board has approved a \$3.1 million project to double the amounts of water sent to Taylor Slough to bring essential fresh water to Florida Bay.



- **\$9 million** in cooperative funding to promote environmental, resource and community benefits through stormwater management, alternative water supply and conservation construction projects.
- The tentative budget also contains new state revenues from the Florida Legislature in an amount of **\$234 million**, which will continue to support land management needs and maintain the pace of Everglades Restoration progress including **\$47.8 million** in public private partnerships to store water reducing the U.S. Army Corps of Engineers' need to release water from Lake Okeechobee to the coastal estuaries for flood protection..

#### **Utilizing Reserves to Fund Water Resource Priorities**

The District's reserves balance is \$306.3 million, \$153.7 million without restrictions and \$152.6 million with restrictions. In accordance with the District's five-year spend-down plan, the Fiscal Year 2016-17 tentative budget is allocating \$135.5 million from accumulated reserves, \$56.6 million without restrictions and \$78.9 million with restrictions. The reserves are primarily to further improving water storage and water quality in the northern and southern Everglades and future operations of new works projected to come on line over the next four years. At the Governing Board's direction, sufficient restricted reserves in the amount of \$60 million are maintained annually to address hurricane or unanticipated flood control infrastructure emergencies.

Statutory public hearings are scheduled for 5:15 p.m. on September 8, 2016, to adopt tentative millage rates and budget and on September 20, 2016, to adopt final millage rates and budget. Everyone is invited and encouraged to attend these public forums. The preliminary budget is also available on the District's website at [www.sfwmd.gov](http://www.sfwmd.gov).

The Governing Board is committed to fiscal discipline while maintaining the necessary public services to protect and improve South Florida's water resources.

Sincerely,

Peter Antonacci,  
Executive Director

Enclosure

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## I. FOREWORD

Section 373.536, Florida Statutes, authorizes the Executive Office of the Governor (EOG) to approve or disapprove Water Management District budgets, in whole or in part. Section 373.536 also directs the Water Management Districts to submit a tentative budget by August 1 in a standard format prescribed by the EOG. The content and format of this report were developed by the staffs of the Governor's Office, Senate, House of Representatives, Department of Environmental Protection and all five Water Management Districts. It utilizes the statutory programs to standardize the accounting between districts. This report has been prepared to satisfy the requirements of Section 373.536, Florida Statutes.

In compliance with these requirements, the South Florida Water Management District submitted, by July 15, a tentative budget for Governing Board consideration. The District now submits this August 1 tentative budget for review by the Governor, the President of the Senate, the Speaker of the House of Representatives, the Legislative Budget Commission, the Secretary of the Department of Environmental Protection, and the governing body of each county in which the District has jurisdiction or derives any funds for the operations of the District.

The Fiscal Year 2016-17 tentative budget is subject to two public hearings before final adoption. The first hearing will take place on Thursday, September 8, 2016, and the final budget adoption hearing will take place on Tuesday, September 20, 2016. Because this August 1 submission is a tentative budget, readers are advised to obtain a copy of the District's final budget when it becomes available after September 20, 2016 via the District's website [www.sfwmd.gov](http://www.sfwmd.gov).

## **II. INTRODUCTION TO THE DISTRICT**

### **A. History of Water Management Districts in Florida**

Due to extreme drought and shifting public focus on resource protection and conservation, legislators passed four major laws in 1972; the Environmental Land and Water Management Act, the Comprehensive Planning Act, the Land Conservation Act, and the Water Resources Act. Collectively, these policy initiatives reflect the philosophy that land use, growth management, and water management should be joined.

Florida's institutional arrangement for water management is unique in the United States and beyond. The 1972 Water Resources Act (WRA) granted Florida's five Water Management Districts broad authority and responsibility. Two of the five Districts existed prior to the passage of the WRA (South Florida and Southwest Florida) primarily as flood control agencies. However, today the responsibilities of all five Districts encompass four broad categories:

1. Flood Protection
2. Water Supply (including water allocation and conservation)
3. Water Quality
4. Natural Systems Management

Regional Water Management Districts, established by the legislature and recognized in the State Constitution, are set up largely on hydrologic boundaries. Water management districts are funded by ad valorem taxes normally reserved for local governments using taxing authority which emanates from a 1976 constitutional amendment. The Water Management Districts are governed regionally by boards appointed by the Governor and confirmed by the Senate. There is also oversight at the state level by the Department of Environmental Protection.

Florida water law embodied largely in Chapter 373 of the F.S., combines aspects of western (prior appropriation) and eastern (riparian) water laws. In Florida, water is a resource of the state, owned by no one individual, with the use of water managed by the Water Management Districts acting in the public interest. The original law recognized the importance of balancing human needs for water with those of Florida's natural systems. This took the form of requiring the establishment of minimum flows and levels for lakes, streams, aquifers, and other water bodies; and additional criteria for long distance transfers.

Each Water Management District' is a unique organization working with state and local government to ensure the availability of water supplies for all reasonable and beneficial uses; protect natural systems in Florida through land acquisition, management, and ecosystem restoration; promote flood protection; and address water quality issues. The reader should review the websites and contact officials at each district for further details.



## II. INTRODUCTION TO THE DISTRICT

### B. Overview of the South Florida Water Management District

#### *History*

South Florida's subtropical extremes of hurricane, flood, and drought, combined with efforts to populate this “*new frontier*,” led the U.S. Congress to adopt legislation creating the Central and Southern Florida Flood Control (C&SF) Project in 1948, the largest civil works project in the country at the time.

The C&SF Project's primary goal was to serve the needs of the region's growing agricultural and urban populations and to protect and manage water resources. The United States Army Corps of Engineers (USACE) would, over the following decades, design and build a vast network of levees, canals and other improved waterways, and water control structures designed to help manage the often unpredictable weather extremes of the region. Construction began in 1949 and continued for more than 20 years.

In 1949, the Florida Legislature created the Central and Southern Florida Flood Control District (FCD) to act as the local sponsor for this federal project by operating and maintaining the water control network system.

Throughout its history, the agency evolved to meet gubernatorial and legislative direction. As mentioned previously, the Florida Water Resources Act of 1972 greatly expanded the responsibilities of the existing FCD. This included a greater emphasis on water quality and environmental protection initiatives. The FCD was renamed the South Florida Water Management District in 1976, and new boundaries were drawn to encompass the region's primary watersheds.

Today, the District is responsible for core water resource related issues that include providing flood protection and water supply, improving water quality and managing natural systems.

#### *Boundaries*

The South Florida Water Management District covers a total area of 18,000 square-miles, spanning from Orlando to Key West. 8.1 million people live within the District's boundaries, which encompass all or part\* of the 16 counties listed below:

Broward	Charlotte*	Collier	Glades
Hendry	Highlands*	Lee	Martin
Miami-Dade	Monroe	Orange*	Osceola*
Okeechobee*	Palm Beach	Polk*	St. Lucie

There are two primary basins contained within the District's boundaries, the **Okeechobee Basin** and the **Big Cypress Basin**. The Okeechobee Basin is based on the sprawling Kissimmee-Okeechobee-Everglades ecosystem, which stretches from Central Florida's Chain of Lakes to Lake Okeechobee and south to the Florida Keys. It includes the 700,000 acres within the Everglades Agricultural Area, the heavily developed southeast coast and Everglades National Park.

The Big Cypress Basin includes all of Collier and part of Monroe counties, including the Big Cypress National Preserve and the 10,000 Islands. The Big Cypress Basin primarily provides flood control and stormwater management to the citizens of Collier County and works in

## II. INTRODUCTION TO THE DISTRICT

cooperation with Collier County and other local governments on water resource, water resource development, and alternative water supply issues.

### ***General Responsibilities***

The District is tasked with providing flood control at the core of its mission; however, its responsibilities have increased greatly since being created by the legislature in 1949. The District operates and maintains the C&SF Project, develops and implements water supply plans, conducts ecosystem research and monitoring, regulates water use, manages land acquisition, and implements water quality improvement and ecosystem restoration plans.

To meet these core mission responsibilities, the District's proposed staffing for the Fiscal Year 2016-17 tentative budget is 1,475 regular full-time equivalent (FTE) positions. District staff is located at facilities across the District's 16-county jurisdiction to offer the public more direct and responsive access to permitting and other agency functions. These facilities include eight field stations located in St. Cloud, Okeechobee, Clewiston, West Palm Beach, Fort Lauderdale, Miami, Homestead, and Naples and four service centers located in Fort Myers, Okeechobee, Orlando, and Naples (BCB). The District's central headquarters are located in West Palm Beach.

***The following is a discussion of the District's major responsibilities:***

### ***Operations and Maintenance***

The District's operations and maintenance consists of activities to effectively manage the primary canals and associated structures in South Florida. Operation and maintenance program activities include the C&SF Project, as well as the Big Cypress Basin, as authorized by Chapter 373 F.S. and the USACE. Activities include the operation and maintenance of a multi-purpose water management system comprising 4,098 miles of canals and levees, 692 water control structures and weirs, 71 pumping stations and 618 smaller project culverts, which send water south and through waterways eastward and westward to both coasts.

### ***Regulatory Responsibilities***

The District has a number of regulatory programs designed to manage and protect the region's water resources, including wetlands, rivers, lakes, estuaries, and groundwater supplies. Under the state's 1993 environmental streamlining legislation, land alteration activities or works affecting water resources are regulated under one type of permit - the Environmental Resource Permit (ERP).

Pursuant to statute, the Water Management Districts and the Florida Department of Environmental Protection (FDEP) have developed uniform wetland delineation, mitigation banking, and environmental resource permitting criteria.

- An **Environmental Resource Permit (ERP)** is required before beginning any land use or construction activity that could affect wetlands, alter surface water flows or contribute to water pollution. The District regulates residential and commercial developments, while the Florida Department of Environmental Protection regulates power plants, wastewater treatment plants and single-family homes.



## II. INTRODUCTION TO THE DISTRICT

An ERP covers activities such as dredging and filling in wetlands, constructing flood protection facilities, providing stormwater containment and treatment, site grading, building dams or reservoirs and other activities affecting state waters. The ERP process is streamlined by combining wetland resources permitting with management and storage of surface waters permitting into a single permit.

- **Everglades Works of the District (EWOD) Permits** are required as part of Everglades Restoration Plans to reduce phosphorus flowing from the Everglades Agricultural Area or the C-139 Basin into the Everglades. Each permit outlines targeted reductions in phosphorus as well as monitoring and reporting requirements and Best Management Practices (BMPs) for private and public landowners in these basins.
- **Lake Okeechobee Works of the District (WOD) Permits** are required as part of the Lake Okeechobee Surface Water Improvement and Management (SWIM) Plan to reduce phosphorus flowing into the lake. Each permit outlines target reductions in phosphorus as well as monitoring and reporting requirements and BMPs for private and public landowners in tributary basins of Lake Okeechobee.
- **Consumptive Water Use Permits** allow the holder to withdraw a specified amount of water, either from the ground, a canal, a lake or a river. The water can be used for a public water supply; to irrigate crops, nursery plants or golf courses; or for industrial processes. Individual homeowners do not need consumptive water use permits.
- **Well Construction Permits** ensure that wells are built by licensed water well contractors and conform to water use permit standards. Unless exempted by statute, or District rule, a well construction permit must be obtained from the District or delegated agency prior to the construction, repair or abandonment of any water well within the District's jurisdiction. A consumptive use permit may be required before the well construction permit can be issued.
- **Right of Way Permits** protect the South Florida Water Management District's ability to effectively and safely use the canal and levee rights of way in the regional system while providing for compatible public and private uses such as docks, fences or walkways. The regional system includes canals and levees, major rivers and lakes, water conservation areas, the works of the Big Cypress Basin and certain other canals and rights of way.

### ***Water Resource System***

The **Kissimmee Basin** encompasses more than two dozen lakes in the Kissimmee Chain of Lakes, their tributary streams and associated marshes, and the Kissimmee River and floodplain. The basin, which defines the northern-most region of the District, forms the headwaters of the Everglades. Major initiatives in the Kissimmee Basin are: the Kissimmee River Restoration Project which includes construction projects, the Kissimmee River Restoration Evaluation Program, and the Kissimmee Chain of Lakes and Kissimmee Upper Basin Monitoring and Assessment Project. Other programs and activities are associated with these projects, including ecosystem restoration, evaluation of restoration efforts, aquatic plant management, land management, water quality improvement, and water supply planning. The 56-mile channelized (C-38) Kissimmee River connects Lake Kissimmee and Lake Okeechobee. So far, 14 miles of the C-38 have been backfilled, reconnecting 24 miles of natural river channel.

## II. INTRODUCTION TO THE DISTRICT

**Lake Okeechobee** spans 730 square-miles and is the largest lake in the southeastern United States. Lake Okeechobee and its wetlands are at the center of the Greater Everglades Watershed, which stretches from the headwaters of the Kissimmee River, through the Everglades and into Florida Bay. Lake Okeechobee restoration efforts are underway pursuant to the Northern Everglades and Estuaries Protection Program, under which the Lake Okeechobee Protection Act was expanded to restore and preserve the entire Northern Everglades, including the Caloosahatchee and St. Lucie estuaries.

The **Caloosahatchee River and Estuary** extends 70 miles, from Lake Okeechobee west to San Carlos Bay on Florida's southwest coast. Programs to improve the estuarine habitat, water quality, and water supply include minimum flows and levels, the Northern Everglades and Estuaries Protection Program, and implementation of the Comprehensive Everglades Restoration Plan, as well as local BMPs and stormwater retrofit projects.

The **Lower Charlotte Harbor** watershed covers more than 2,230 square-miles in the lower west coast region of Florida, including the Cape Coral and Fort Myers metropolitan areas. Goals for restoring, protecting and managing the surface water resources of the watershed are outlined in the lower Charlotte Harbor watershed SWIM plan.

The **Estero Bay** watershed includes Central and Southern Lee County, and parts of Northern Collier and Western Hendry counties. The Estero Bay watershed assessment contains proposed management practices to improve water quality and to improve the timing and volume of freshwater inputs.

The **Indian River Lagoon** is a series of three distinct, but interconnected, estuarine systems, which extend 156 miles from Ponce Inlet to Jupiter Inlet on Florida's east coast. The District and the St. Johns River Water Management District share responsibility for restoring and protecting this lagoon. Components of the Indian River Lagoon – South Restoration Project will benefit the quantity, quality, and timing and flows of water for the Indian River Lagoon and the St. Lucie River and Estuary.

The **St. Lucie River and Estuary** includes the north fork and south fork of the St. Lucie River. The south fork of the St. Lucie River connects with the 152-mile Okeechobee waterway. Programs and initiatives to improve the timing, distribution, quality, and volume of freshwater entering the estuary include the Indian River Lagoon - South Restoration Project and the Northern Everglades and Estuaries Protection Program, as well as local BMPs and stormwater retrofit projects.

The 240 square-mile **Loxahatchee River** watershed covers parts of Palm Beach and Martin Counties and includes the communities of Hobe Sound, Tequesta, Jupiter, Jupiter Island, Jupiter Inlet Colony, Jupiter Farms, Juno Beach, and Palm Beach Gardens. To improve and protect the Loxahatchee River and Estuary, the District is implementing plans and initiatives in partnership with other agencies and organizations, including the FDEP, the Loxahatchee River Management Coordinating Council, and Loxahatchee River District. These include the Loxahatchee River Initiative, the Loxahatchee River National Wild and Scenic River Management Plan, the 2002 technical documentation to support development of minimum flows and levels for the northwest fork of the Loxahatchee River, the 2010 Loxahatchee River Science Plan, and the 2006 Restoration Plan for the northwest fork of the Loxahatchee River and its 2011 addendum.



## II. INTRODUCTION TO THE DISTRICT

The **Lake Worth Lagoon** watershed covers more than 450 square-miles that contribute flows to Lake Worth and South Lake Worth in Palm Beach County. Goals for restoring and managing the watershed are found in the Lake Worth Lagoon SWIM Plan and the Lake Worth Lagoon Initiative.

Within the historical **Everglades**, three **Water Conservation Areas** (WCAs) and the Everglades National Park preserve about half of the original Everglades, which covered nearly 11,000 square-miles of South Florida. The WCAs are located in the western portions of Palm Beach, Broward and Miami-Dade Counties and encompass 1,337 square-miles. Everglades Restoration programs and projects include: research projects; implementation of the Comprehensive Everglades Restoration Plan (CERP); RECOVER (Restoration Coordination and Verification); the Long-Term Plan for Achieving Water Quality Goals for the Everglades Protection Area Tributary Basins, the Northern Everglades and Estuaries Protection Program; Restoration Strategies, which includes additional water quality improvement projects to assist existing stormwater treatment areas to achieve the Everglades phosphorus criterion; and water supply planning.

**Biscayne Bay** is a subtropical estuary that includes 428 square-miles of marine ecosystem and 938 square-miles of watershed along the coast of Miami-Dade and northeastern Monroe counties. Projects to restore and preserve Biscayne Bay are included in the implementation of the Comprehensive Everglades Restoration Plan. The Nearshore Central Biscayne Bay Water Reservation has been adopted as part of CERP.

**Florida Bay and Estuary** comprise a shallow inner-shelf lagoon between the southern tip of the Florida mainland and the Florida Keys where fresh water from the Everglades mixes with the salty waters from the Gulf of Mexico to form an estuary. There are nearly 1,000 square-miles of interconnected basins and 200 mangrove islands in the bay and estuary. Through implementation of the Comprehensive Everglades Restoration Plan, the District is focused on changing freshwater flow and improving the water quality and ecology of Florida Bay.

The **Big Cypress Basin** includes the natural lands of the Corkscrew Swamp and Sanctuary, the Big Cypress National Preserve, the Florida Panther National Wildlife Refuge, the Fakahatchee Strand, the Corkscrew Regional Ecosystem Watershed, Picayune Strand State Forest, and the 10,000 Islands. Programs include the Big Cypress Basin Watershed Management Plan, stormwater projects, and other capital improvements projects to store additional water, recharge groundwater, and improve water quality in Naples Bay.

The **Western Basins** region, comprised of the Feeder Canal Basin and the C-139 Annex, is part of a Water Resource Evaluation effort to evaluate potential hydrologic and water quality improvements in upstream flows from lands and water bodies within the Feeder Canal drainage basin, C-139 Annex drainage basin.

### ***Comprehensive Everglades Restoration Plan (CERP)***

The Comprehensive Everglades Restoration Plan provides a framework and guide to restore, protect, and preserve the water resources of Central and Southern Florida, including the Everglades. It covers 16 counties over an 18,000 square-mile area and centers on an update of the C&SF Project. The goal of CERP is to capture fresh water that now flows unused to the ocean and the gulf and redirect it to areas that need it most. Most of the water will be devoted to environmental restoration; the remaining water will benefit cities and farmers by enhancing water supplies for the South Florida economy.

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For more than fifty years, the C&SF Project has performed its designed function well, but it has had unintended adverse effects on the unique and diverse South Florida ecosystem. Improvements through structural and operational modifications to the C&SF Project will improve the quality, quantity, timing and distribution of water deliveries for the environment; improve protection of the aquifer; improve the integrity, capability, and conservation of urban and agricultural water supplies; and improve other water-related purposes.

The Water Resources Development Acts provided the USACE with the authority to re-evaluate the performance and impacts of the C&SF Project and to recommend improvements and/or modifications to the project in order to restore the South Florida ecosystem and to provide for other water resource needs. The resulting plan was designed to capture, store and redistribute fresh water previously lost to tide and to regulate the quality, quantity, timing, and distribution of water flows.

The CERP was approved by congress as a framework for Everglades Restoration under Title VI, Section 601 of the Water Resources Development Act of 2000. The CERP includes more than 60 major components, and will vastly increase storage and water supply for the environment, as well as for urban and agricultural needs, while maintaining the current levels of service for flood control provided by the C&SF Project. In the Water Resources Development Act of 2007 (WRDA 2007), congress authorized three CERP Projects for construction – Indian River Lagoon South – Phase 1, Site 1 Impoundment (Fran Reich Preserve), and Picayune Strand Restoration. In WRDA of 2014, congress authorized another four CERP Projects for construction - Caloosahatchee River (C-43) West Reservoir, Biscayne Bay Coastal Wetlands, Broward County Water Preserve Areas, and C-111 Spreader Canal Western Project.

In July 2014, the Final Integrated Project Implementation Report and Environmental Impact Statement for the Comprehensive Everglades Restoration Plan – Central Everglades Planning Project was published. The Project Implementation Report recommends implementing increments of six components included in the Comprehensive Everglades Restoration Plan to accomplish the restoration objectives by improving the quantity, quality, timing and distribution of water flows to the St. Lucie and Caloosahatchee estuaries, Water Conservation Area 3, Everglades National Park and Florida Bay while increasing water supply for municipal and agricultural users. This project is currently awaiting Congressional approval.

Section 373.1501, F.S., provides a legislative finding that the CERP is important for restoring the Everglades ecosystem and for sustaining the environment, economy, and social well-being of South Florida. Furthermore, this section ensures that all project components are consistent with the balanced policies and purposes of Chapter 373, F.S., and specifically Section 373.026, F.S. In Section 373.026(8) (b), F.S., the FDEP is directed to collaborate with the District and to approve each project component with or without amendments within a specified time frame. CERP components will be implemented through the execution of multiple projects. It will take more than 30 years to construct and will be cost-shared equally among the federal government and local sponsors, of which the District is the major local sponsor.

### ***Northern Everglades Initiative***

In 2007, the Florida legislature substantially expanded the Lake Okeechobee Protection Act to the Northern Everglades and Estuaries Protection Program (NEEPP) (Section 373.4595, F.S., 2007). Consequently, the Lake Okeechobee and Estuary Recovery (LOER) Plan, announced in October 2005, was migrated into this program. As required by the NEEPP, the coordinating

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agencies, comprising the District, FDEP, and Florida Department of Agriculture and Consumer Services (FDACS), developed Watershed Protection Plans for the Lake Okeechobee, St. Lucie, and Caloosahatchee watersheds to identify and implement programs and projects necessary to achieve water quality and quantity objectives for the watersheds. Water quality objectives are based on Total Maximum Daily Loads (TMDLs) established by the FDEP, while storage targets are aimed at achieving appropriate water levels in Lake Okeechobee and salinities within the estuaries. The legislation also requires updates to the Protection Plans every three years. The coordinating agencies last updated the Lake Okeechobee Protection Plan in 2014. The St. Lucie and the Caloosahatchee River Watershed Protection Plans were updated in 2012 and 2015. In recent years, FDEP adopted the Lake Okeechobee Basin Management Action Plan (BMAP) within the Northern Everglades to address water quality. The coordinating agencies are taking action to align the protection plans and other activities with the BMAP. The NEEPP also modifies provisions related to the Save Our Everglades Trust Fund (SOETF), allowing use of SOETF funds for projects identified in the Protection Plans.

### ***District Everglades***

The Everglades Construction Project was the first major step in Everglades Restoration and a requirement of the Everglades Forever Act (EFA), passed by the Florida Legislature in 1994. It is also one of the largest environmental restoration public works projects in the nation. The cost associated with implementing the Everglades Construction Project is shared among the District, state and federal governments. The major funding sources identified in the Everglades Forever Act were ad valorem property taxes, agricultural privilege taxes, state land funds, federal funds, Alligator Alley toll revenues, and other environmental mitigation funds.

The EFA directed the District to implement regulatory source control programs in all areas tributary to the Everglades Protection Area (EPA) to reduce phosphorus in stormwater runoff. The District was also required to acquire land, then design, permit, and construct a series of treatment wetlands, referred to as Everglades Stormwater Treatment Areas (STAs), to reduce phosphorus levels from stormwater runoff and other sources before it enters the EPA. The STAs, which originally consisted of approximately 40,000 acres, were expanded by approximately 5,000 acres in 2006 and 12,000 acres in 2012 for a current total of approximately 57,000 acres of effective treatment area.

Despite the success of the STAs and source control programs in removing phosphorus from stormwater, the existing STAs in combination with Best Management Practices had not achieved compliance with the Everglades numeric phosphorus criterion. To address this issue, the District, the Florida Department of Environmental Protection, and the United States Environmental Protection Agency engaged in technical discussions starting in 2010. The primary objectives were to establish a Water Quality Based Effluent Limit (WQBEL) for phosphorus in discharges from Everglades STA that would achieve compliance with the State of Florida's numeric phosphorus criterion in the EPA and to identify a suite of additional water quality projects to work in conjunction with the existing STAs to meet the WQBEL.

Based on this collaborative effort, a suite of projects that would achieve the WQBEL were identified in 2012 and are prescribed by FDEP consent orders associated with EFA and National Pollutant Discharge Elimination System permits. Under the District's Restoration Strategies Program, the projects have been divided into three flow paths - Eastern, Central, and Western. The identified projects primarily consist of Flow Equalization Basins (FEBs), STA expansions, and associated infrastructure and conveyance improvements. The primary purpose of FEBs is to attenuate peak stormwater flows prior to delivery to STAs, while the primary

## II. INTRODUCTION TO THE DISTRICT

purpose of STAs is to utilize biological processes to reduce phosphorus concentrations in order to achieve the WQBEL. Some of the key components are listed below, several of which are operational, in the design phase, or under construction:

- The Eastern flow path contains STA-1E and STA-1W. The additional water quality projects for this flow path include the L-8 FEB with approximately 45,000 acre-feet of storage and an STA expansion of approximately 6,500 acres (5,900 acres of effective treatment area) that will operate in conjunction with STA-1W. Both the L-8 FEB and the first phase of the STA-1W Expansion are under construction.
- The Central flow path contains STA-2 (including Compartment B) and STA-3/4. The additional project for this flow path is the A-1 FEB with approximately 60,000 acre-feet of storage that will attenuate peak stormwater flows prior to delivery to STA-2 and STA-3/4. A-1 FEB operations began in November 2015.
- The Western flow path contains STA-5/6 (including Compartment C). There are two projects planned, the C-139 FEB which will have approximately 11,000 acre-feet of storage and internal improvements within STA-5/6 to increase the effective treatment area by approximately 800 acres.

### ***Water Supply***

The District's nearly 18,000-square-mile area is divided into five distinct planning regions: Upper Kissimmee, Lower Kissimmee, Upper East Coast, Lower East Coast and Lower West Coast. Development of comprehensive water supply plans customized to each region is key to identifying and understanding current and future water needs. Based on a 20-year outlook, these plans provide detailed, basin-specific information and recommended actions. The plans highlight areas where historically used sources of water will not be adequate to meet future demands and evaluate several water source options – including water conservation and alternative water supply – to meet those demands.

The 2005 Florida Legislature enacted the Water Protection and Sustainability Program. This precedent-setting law encourages cooperation between municipalities, counties and the state's five water management districts to protect and develop water supplies in a sustainable manner. Water management districts promote and support local government alternative water supply projects that support smart growth and reduce the use of fresh ground and surface water supplies, such as aquifers and lakes for a sustainable future.

### ***Other District Programs***

The District's responsibilities extend far beyond regulatory programs, Everglades restoration, water supply plan implementation, and flood control operations.

Partnership and coordination with other levels of government and other agencies help to support water resource development projects, development of alternative water supplies, water conservation, reuse, and stormwater management goals.

Research, data collection, and analysis help ensure District projects and programs are effective. Emergency operations and management is a cornerstone of District operations, especially during the hurricane season or in times of drought. The District is also a leader in melaleuca, aquatic weed, and other exotic pest plant control.



## **II. INTRODUCTION TO THE DISTRICT**

### ***Governing Board***

The District's Governing Board sets policy and direction for the entire agency. The Governing Board is composed of nine members appointed from specific geographic areas within the District. The members are appointed by the Governor and confirmed by the Florida Senate. Appointments are made on a staggered basis as vacancies occur. Board members serve without salary for a term of four years. The Governing Board elects its own officers, including a chairman and vice-chairman.

The 1972 legislation creating Water Management Districts established two basin boards within the boundaries of the District. The Big Cypress Basin Board oversees water resource issues within Collier County and a small portion of Monroe County. It is chaired by the District's Governing Board member representing that area along with five Basin residents appointed by the Governor and confirmed by the Florida Senate. Big Cypress Basin Board members serve terms of three years, and receive no compensation. The Okeechobee Basin Board (the District's nine member Governing Board) oversees water resource issues within the remaining counties.

### ***Executive Office***

The Governing Board appoints the agency's Executive Director and the Inspector General. The Florida Senate confirms the Executive Director. The Executive Director is responsible for administering the directives of the board and managing day-to-day District activities. The Inspector General is responsible for reviewing and evaluating internal controls to ensure the fiscal accountability of the agency, and for conducting financial, and performance audits.

## **II. INTRODUCTION TO THE DISTRICT**

### **C. Mission and Guiding Principles of the District**

The District's mission is to manage and protect water resources of the region by balancing and improving water quality, flood control, natural systems and water supply. To guide the agency in meeting its mission-critical responsibilities, strategic priorities include:

- Refurbishing, replacing, improving and managing the regional water management system
- Restoring the Northern and Southern Everglades
- Meeting current and future demands of water users and the environment
- Ensuring South Florida's taxpayers receive efficient and effective customer service

## **II. INTRODUCTION TO THE DISTRICT**

### **D. Development of the District Budget**

The approach used to develop the District budget is outlined below. The results of this budget review will continue to be refined before adoption in September as better revenue and expenditure information becomes available.

#### November 2015 – January 2016

The District developed a preliminary budget using the following approach:

- Updated debt service amounts for Fiscal Year 2016-17.
- Refreshed personnel service records to capture staffing updates including separations, new hires and transfers.
- Updated Fiscal Year 2016-17 restoration, O&M, spend down project budgets, and state funding requests.
- Estimated ad valorem revenue estimated to increase by \$1.2 million based on the net impact of prior year value losses and new construction growth.
- Preliminary Fiscal Year 2016-17 includes proposed state funding reflected in the Governor's budget recommendations.

#### March 2016 – July 2016

- Continue to look at opportunities for efficiency improvements and budget reductions.
- Adjustments for ongoing projects or project components that moved forward in Fiscal Year 2015-16 reduced from the Fiscal Year 2016-17 budget and those not moving forward in Fiscal Year 2015-16 added to the Fiscal Year 2016-17 tentative budget.
- Adjustments for final Legislative funding amounts.
- Updates to the Fiscal Year 2016-17 tentative budget to be presented to the District Governing Board in July.
- Certified taxable values become available on July 1 from the sixteen property appraisers and was used to revise baseline ad valorem estimates to reflect a loss of \$2.2 million and new construction of \$4.8 million.
- Proposed rolled-back millage rates was presented to the Governing Board in July for approval.

#### August 2016 – September 2016

- Tentative budget submission to FDEP, the Governor and the Legislature.
- Present Tentative budget to the Legislature
- Make any necessary changes or adjustments to tentative budget.
- Hold two statutorily required public budget hearings on September 8<sup>th</sup> and 20<sup>th</sup> for Governing Board approval of tentative and final millages and budget in compliance with Section 200.065, F.S.

## II. INTRODUCTION TO THE DISTRICT

### E. Budget Guidelines

The District continues to develop its budget under the guidelines established by Governor Scott, FDEP and the Governing Board which include:

- Focus on core mission activities such as refurbishment of the Central and South Florida flood control system.
- Hold ad valorem at current levels.
- Implement efficiencies that reduce operational expenses, non-core costs and administrative overhead.
  - See Appendix H for ongoing cost savings and efficiencies.
- Direct funding to restoration and public works.
- Continue implementation plans for beneficial use of reserves.
- Issue no additional debt

Statutory authority 373.536(5) (c) states that the Legislative Budget Commission (LBC) may reject any of the following district budget proposals:

- A single purchase of land in excess of \$10 million, except for land exchanges.
  - SFWMD does have a single acquisition that is planned to be more than the \$10 million threshold. That acquisition is for Lake Hicpochee at \$16.9 million. These funds were appropriated by the Legislature during the 2016 Legislative session as a part of appropriation 1588 from the Land Acquisition Trust Fund.
- Any cumulative purchase of land during a single fiscal year in excess of \$50 million.
  - SFWMD does not have any cumulative purchase of land during a single fiscal year in excess of \$50 million.
- Any issuance of debt on or after July 1, 2012.
  - SFWMD does not have any new issuance of debt on or after July 1, 2012. SFWMD did advance refund the District's series 2006 certificates of participation by issuing the series 2015 refunding of certificates of participation. This transaction resulted in a \$98.9 million saving over the remaining life of the debt.
- Any program expenditures as described in sub-subparagraphs (e) 4.e. (Outreach) and f. (Management and Administration) in excess of 15 percent of a district's total budget.
  - SFWMD program expenditures in Outreach and Management & Administration combined is 5.1% of the total budget.
- Any individual variances in a district's tentative budget in excess of 25 percent from a district's preliminary budget.
  - SFWMD did not have any individual variances in the tentative budget in excess of 25 percent from the preliminary budget. Details of a preliminary and tentative comparison may be found under the "Budget Highlights" section.



## II. INTRODUCTION TO THE DISTRICT

### F. Budget Development Calendar and Milestones

<b>October 2015</b>	Fiscal Year 2015-16 begins (1 <sup>st</sup> )
<b>November 2015</b>	Fiscal Year 2016-17 budget planning and budget development begins; held Governing Board budget workshop
<b>December 2015</b>	Governing Board briefing on Fiscal Year 2016-17 preliminary budget submission
<b>January 2016</b>	Fiscal Year 2016-17 preliminary budget submitted to Florida Legislature (15 <sup>th</sup> ) in compliance with Section 373.535, F.S.
<b>March 2016</b>	Legislative preliminary budget comments due (1 <sup>st</sup> ); District's response to legislative comments on preliminary budget due (15 <sup>th</sup> ).
<b>April – May 2016</b>	Continue evaluation and refinement of Fiscal Year 2016-17 budget
<b>June 2016</b>	Each Property Appraiser provides 2016 preliminary estimates of taxable values (1 <sup>st</sup> )
<b>July 2016</b>	TRIM - Property Appraisers certify taxable values (1 <sup>st</sup> ); If no action taken by the legislature on the preliminary budget, the District may proceed with development of tentative budget
	TRIM – Approval of proposed millage rates for DR-420 form; Update of Fiscal Year 2016-17 tentative budget presented to Governing Board; (14 <sup>th</sup> )
<b>August 2016</b>	Fiscal Year 2016-17 tentative budget submission (1 <sup>st</sup> )
	TRIM – DR-420 forms submitted to 16 county Property Appraisers in compliance with Section 200.065, F.S. (4 <sup>th</sup> )
	Budget presentation to the Legislature (17 <sup>th</sup> )
<b>September 2016</b>	Comments and objections to the Fiscal Year 2016-17 tentative budget from legislative committees and subcommittees due (5 <sup>th</sup> )
	TRIM – Public hearing to adopt Fiscal Year 2016-17 tentative millage rates and budget at first budget hearing following public comment. Certify non ad valorem / agricultural privilege tax rolls (8 <sup>th</sup> )
	Non ad valorem assessment rolls due to Property Appraisers (15 <sup>th</sup> )
	Governor and Legislative Budget Commission approval/disapproval of tentative budget due (5 business days prior to final budget adoption) (13 <sup>th</sup> )
	TRIM – Public hearing to adopt Fiscal Year 2016-17 final millage rates and budget (20 <sup>th</sup> )
	TRIM – Submit executed resolutions to property appraiser/tax collector (must be received by all no later than 3 days after final adoption) (23 <sup>th</sup> )
	Submit adopted budget within 10 days after adoption to Governor and legislature (30 <sup>th</sup> )
<b>October 2016</b>	Fiscal Year 2016-17 begins (1 <sup>st</sup> )
	TRIM – submit TRIM certification package to Department of Revenue no later than 30 days after final budget adoption (20 <sup>th</sup> )

### III. BUDGET HIGHLIGHTS

#### A. Current Year Accomplishments

##### 1.0 Water Resources Planning and Monitoring

*This program includes all water management planning, including water supply planning, development of minimum flows and levels, and other water resources planning; research, data collection, analysis, and monitoring; and technical assistance (including local and regional plan and program review).*

- Water Supply Plan Updates
  - Upper East Coast (UEC): The Governing Board approved the 2016 UEC Water Supply Plan Update in March 2016. The District has notified local governments and utilities to prepare updated Facility Work Plans.
  - Lower West Coast (LWC): Continued work on the 2017 LWC Water Supply Plan Update including population and demand estimates and projections, and coordinating with utilities. Held first public workshop. Finalized calibration of West Coast Floridan Model and initiated implementation. Continued development of LWC Surficial Aquifer System/Intermediate Aquifer System steady-state model, including publication of updated LWC Hydrostratigraphy Report.
  - Central Florida Water Initiative (CFWI): The Governing Board approved the 2015 CFWI Regional Water Supply Plan including the 2035 Water Resources Protection and Water Supply Strategies Plan. Notified local governments and utilities to prepare updated Facility Work Plans. Initiated 5-year Update.
- Completed the District's first Water Use Estimation Report covering the 2014 calendar year. A compilation of estimated water use in six use categories within the SFWMD region, the report is based primarily on water pumpage records reported pursuant to water use permitting requirements accounting for almost 13,000 water use permits.
- Administered two Big Cypress Basin local partnership grants for improvements to stormwater systems - Collier County LASIP County Barn Road and City of Naples Lake Manor Restoration. The City of Naples Lake Manor Restoration Project received an Outstanding Achievement Award by the Florida Stormwater Association. A third stormwater management project, City of Marco Island Bald Eagle-Bayport-Tahiti Drive Drainage Improvements, is scheduled for completion in September. The total Basin cost-share for these three stormwater management projects is approximately \$1.5 million.
- Water Quality
  - Conducted field monitoring, laboratory analyses, and comprehensive reporting to support various regulatory-driven mandates/agreements (e.g., Phosphorus Rule, Everglades Settlement Agreement, Seminole Agreement) and to comply with federal/state-issued permits (Clean Water Act, Comprehensive Everglades Restoration Plan Regulation Act, Everglades Forever Act, Northern Everglades and Estuaries Protection Program, and Environmental Resource Permitting and Emergency Orders). Provided the majority of the analytical services required for various Restoration Strategies Science Plan Studies.
  - Provided coordination, water quality monitoring, laboratory, and reporting in support of special short-term initiatives, including the FDEP Emergency Order issued to move flood water out of the Water Conservation Areas into Shark River Slough and to support the Everglades Restoration S-356 Pump Test.
  - The technical subteam formed by the Technical Oversight Committee (TOC) -

### III. BUDGET HIGHLIGHTS

representatives from the settling parties to the Everglades Settlement Agreement (SA) and Consent Decree (USA Lawsuit) - continued to evaluate information associated with a potential alternative Shark River Slough compliance methodology to address hydroperiod changes as a result of ongoing, phased implementation of the Modified Water Deliveries Project and future conditions anticipated under the Central Everglades Planning Project. A list of the changed conditions in hydroperiod and operations was presented to the five principals to the Settlement Agreement.

- The Water Quality Bureau successfully completed an FDEP audit of field and laboratory records initiated in July 2015. The audit concluded that the field and laboratory procedures used by the SFWMD met the data quality objectives used by FDEP to conduct impaired water determinations under Chapter 62-303, Florida Administrative Code.
- The Quality Systems Annual Report and the bi-annual Quality Assessment Report for CERP monitoring were completed, highlighting key data and project-related information stored in the District's scientific data storage and management systems and tools, including the DBHYDRO environmental database.
- The Water Year 2015 report summarizes the quantity and quality of environmental data produced for SFWMD water quality's monitoring projects and research studies, as well as critical information on audits and laboratory performance studies.
- The 2016 South Florida Environmental Report was published and timely submitted to the Governor, Legislature and other key stakeholders on March 1. This mandated annual report provides peer-reviewed research, data analyses, financial updates, a searchable database of environmental projects, annual permit reports, and project status updates.
- Sea Level Rise
  - Completed deliverables for Sea Level Rise Project and the Memorandum of Understanding, which was jointly signed by two governmental agencies in the Netherlands and the United States (SFWMD).
  - *Sea Level Rise and Climate Trends: Potential Impacts and Adaptation* report covers all aspects of water management including short-term and long-term strategies using best available science.
  - Continue to acquire grant funding toward South Florida sea level rise efforts. To date, the total funding includes approximately \$1 million in funding from NOAA and FEMA.
  - Provided assistance to local government in the development of unified sea level rise projections.
  - Continued expansion of the new Flood Protection Level-of-Service Program to establish the flood protection level-of-service (LOS) for current and future (e.g., sea level rise) conditions in several SFWMD basins including C4, C7, C8, C9 and Big Cypress. LOS focuses on the District's long-term infrastructure needs, especially the effectiveness of low lying tidal structures.
- Hydrology & Hydraulics
  - Identified operational and infrastructure features to address agricultural flooding in South Miami-Dade County and provide water to natural systems including Everglades National Park, Florida Bay and Biscayne Bay. Summarized historical operational perspectives for this area.
  - Completed the Regional Simulation Model (RSM) in support of the Dispersed Water

### III. BUDGET HIGHLIGHTS

initiative as a replacement to the existing Potential Water Retention Model (PWRM) model.

- Provided technical review of permitting issues associated with the Lake Okeechobee portable forward pumps.
- Completed tool development and maintenance for modeling operations support and technical reviews.
  - Continued a MOA with U.S. Department of Interior (Everglades National Park) to support ongoing model tool development in preparation for upcoming Modified Water Deliveries and C-111 project planning support.
  - Continued development and maintenance of Water Depth Assessment Tools (WDAT) for the Kissimmee Floodplain, Upper Basin Chain of Lakes, Lake Okeechobee, Big Cypress Basin and C-111 / South Dade. The RECOVER WDAT included mandated results and analysis for Cape Sable Seaside Sparrow Biological Opinion Annual Reporting.
  - Continued development and maintenance of Salinity Assessment Tools for the St. Lucie and Caloosahatchee Estuaries.
  - Enhanced Kissimmee modeling tools and modified the Upper Kissimmee – Operations Screening (UK-OPS) Model to support Kissimmee Reservations and operational planning use.
  - Completed technical review of USACE generated technical deliverables on Herbert Hoover Dike Assessment.
- A numerical model (WaSh) of the St. Lucie Watershed was updated to support FDEP's effort to refine allocation of nutrient load reductions in the second phase of the St. Lucie River and Estuary Basin Management Action Plan (BMAP).
- Vegetation maps were completed for Lake Okeechobee encompassing the emergent vegetation of the northwest littoral zone (4,000 acres). These maps are used to evaluate the response of fish and wildlife habitat to water management operations and for on-going operations decision making.

### III. BUDGET HIGHLIGHTS

#### 2.0 Acquisition, Restoration, and Public Works

*This program includes the development and construction of all restoration capital projects, including water resource development projects/water supply development assistance, water control projects, and support and administrative facilities construction; cooperative projects; land acquisition (including Save Our Rivers / Preservation 2000 / Florida Forever); and the restoration of lands and water bodies.*

- Everglades Water Quality Improvement
  - Completed construction of the A-1 Flow Equalization Basin (FEB) and entered operational testing and monitoring ahead of the mandated deadline. Coordinated operations of the A-1 FEB during the initial filling and optimization period to ensure effective and efficient integration with downstream Stormwater Treatment Areas and to capture and attenuate stormwater runoff following wetter than normal dry season rainfall conditions. Phosphorus removal performance of the FEB likely contributed to very low outflow phosphorus concentrations from Stormwater Treatment Areas (STAs) 2 and 3/4.
  - Completed construction on the L-8 Divide Structure, S-5AS Improvements, G-341 Bolles Canal East Segment 1 and the STA-1W Independent Flow-way. Initiated construction on the STA1-W Expansion #1, S-375 Expansion (G-716) and G-341 Bolles Canal East Segment 2.
  - Developed and implemented operational strategies to maximize Lake Okeechobee releases south to the Stormwater Treatment Areas.
  - Restoration Strategies Science Plan implementation is underway with nine studies at varying stages of implementation. Studies encompass varied topics including investigation of Periphyton Stormwater Treatment, role of canals, biogeochemical factors, and optimal conditions for vegetation sustainability. Results from these studies will be used as a basis for developing or enhancing management strategies or improving assessment of STA performance. Developed vegetation resistance maps in STA-3/4 Cell 2A, and STA2 Cell 3.
  - Facilitated four Long-Term Plan quarterly public meetings, intended to communicate the status and progress of Everglades Forever Act-related activities including Restoration Strategies construction projects, science plan studies and source control implementation and effectiveness.
  - The Everglades Stormwater Treatment Areas (STAs) treated approximately 1.4 million acre-feet of water, reduced phosphorus loads by 86 percent, and achieved a total outflow concentration of 20 parts per billion for STA-1E, STA-1W, STA-2, STA-3/4, and STA-5/6 combined. Approximately 15 percent of the total Water Year 2016 STA inflows were Lake Okeechobee regulatory releases.
- Comprehensive Everglades Restoration Plan
  - Indian River Lagoon South - C-44 Reservoir and Stormwater Treatment Areas Project – Completed construction on the C-44 Reservoir Impacted Soils and C-44 System Discharge.
  - Picayune Strand Restoration Project - Completed construction of the Manatee Mitigation Feature. Conducted endurance testing of the Faka Union Pump Station and initiated the Operational, Testing and Monitoring Period. Completed the Limited Reevaluation Report for Congressional approval that includes the scope and budget for the remaining project features. Initiated design level modeling for the Southwestern Protection Feature.



### III. BUDGET HIGHLIGHTS

- Caloosahatchee River (C-43) West Basin Storage Reservoir - Executed the Project Partnership Agreement establishing the framework for project construction activities. Initiated construction on the C-43 Reservoir Irrigation Pump Station.
- Kissimmee River Restoration Project - Completed construction of the MacArthur Ditch and Reach 3 Backfilling projects. Coordinated partnership with the five utilities in the Upper Kissimmee Basin to initiate construction on Rolling Meadows Phase I, which includes restoring approximately 1,900 of abandoned sod farming back to the historic Lake Hatchineha floodplains. Vegetation maps were completed for the physically restored areas of the Kissimmee River floodplain (8,630 acres). These maps are excellent tools for evaluating response of fish and wildlife habitat to water management operations and for on-going operations decision making.
- Biscayne Bay Coastal Wetlands – Completed installation of the L-31E Interim Pump, which will provide ecological benefits observed during the pilot test and allow for year-round operations during various conditions.
- Broward County Water Preserve Area - Negotiated cooperative agreement with the City of Weston resulting in donation of 275 acres within C-11 Impoundment.
- C-111 Spreader Canal Project - The District received the USACE permit for the Western Project and received approval for revised ecological, hydrometeorological and water quality monitoring plans for the project. The continued implementation of the Western Project saw no adverse impact to downstream waters, neither low salinity shock nor algal blooms. A new rapid response task force was deployed to evaluate, map and manage the rapid development of seagrass die-off in Florida Bay.
- C-111 South Dade Project - Conducted South Dade Study to investigate opportunities to improve ecological benefits and decrease flood risks. Study resulted in identification of structural and operational modifications to the south Dade system including increasing pump capacity at certain locations, and revising project and canal operating plans.
- Southern CREW Restoration – Received the final 404 permit and Biological Opinion for the construction activities. Initiated construction on Southern CREW Restoration.
- Loxahatchee River Watershed Restoration Project - Developed focused array of potential project alternatives and completed first technical and policy review milestone for expedited project planning.
- Western Basins - Developed draft sub-regional water quality management measures, conducted sub-regional modeling and identified potential alternatives to improve the quantity, quality, timing and distribution of freshwater flows for the Western Basins Water Resource Evaluation.
- Facilitated the process of and managed the District responsibilities associated with the de-authorization of transfer of the Ten Mile Creek facility to the District.
- Land Acquisitions - Obtained Governing Board approvals and progressed with condemnations to facilitate planned construction activities in Picayune Strand (Belle Meade), C-111 South Dade (Southern Glades), Kissimmee River Restoration and the C-4 Canal flood berm.
- Completed solicitation for the Cooperative Funding Program and Big Cypress Basin Local Grants Program to provide cost-share funding to local governments for stormwater management, alternative water supply and water conservation projects to compliment regional flood control, restoration, water quality improvement and water supply efforts.

### **III. BUDGET HIGHLIGHTS**

- Completed design and initiated construction on the Lake Hicpochee Hydrologic Enhancement and Ten Mile Creek Reservoir repairs.
- Lakeside Ranch Project Phase II - Initiated construction of a 2,700-acre STA in western Martin County on lands adjacent to Lake Okeechobee. The total project is designed to remove phosphorus from the regional system prior to reaching Lake Okeechobee.
- Dispersed Water Management Program - Current Program storage is approximately 91,954 acre-feet with an additional 100,967 acre-feet in planning, permitting, design or construction. Projects completed this year include North Six Mile Cypress Hydrologic Restoration Phase I and three Northern Everglades Payment for Environmental Services projects totaling approximately 6,696 acre feet of storage per year.
- C-43 Water Quality Treatment and Testing Project - Completed mesocosm construction and initiated water quality treatment testing and demonstrations.
- Cost-shared with the City of Naples on the completion of two Big Cypress Basin alternative water supply projects - Reclaimed Water System Expansion Phase 4 and Aquifer Storage and Recovery Well #4.

### III. BUDGET HIGHLIGHTS

#### **3.0 Operation and Maintenance of Lands and Works**

*This program includes all operation and maintenance of facilities, flood control and water supply structures, lands, and other works authorized by Chapter 373, F.S.*

- In response to the Governor's February 26, 2016 Executive Order 16-59 (Emergency Management – Lake Okeechobee Discharge) that was the result of the unusually strong El Nino weather pattern and resulting heavy rainfall during the winter and springs months of 2015-2016, the District conducted activities to alleviate high water in WCA 3A. The District managed internal and external coordination, regulatory requirements and communications; organized and executed acquisition of flow authorizations with private property owners in order to alleviate the impacts of high water. Identified and implemented the plan to rebuild plugs in L-28 Canal and temporarily deviate from standard operating protocols at the S-344 Structure in order to move more water out of WCA3. Completed design, procurement and construction of L-28 Plugs. The Decompartmentalization Physical Model S-152 structure was used for the first time to relieve the ecological pressure of high water levels; normal operations were extended to six months, allowing scientific evaluation of the importance of sheetflow that included a test of the utility of hydrologic pulsing.
- Field Operations
  - Field station maintenance and repairs included:
    - 17 major gate overhauls and 3 major gate overhauls for two other water management districts;
    - 12 pump station main engine overhauls and 6 pump station main pump overhauls;
    - The removal of 8 project culverts from inventory and installation of 9 project culverts;
    - 86,040 cubic yards of shoal material removed from canal systems;
    - 101,634 cubic yards of earthen material hauled;
    - The completion of 72 dives by the District's two dive teams;
    - The completion of 82,647 feet of side-bank stabilization, including 52,789 linear feet stabilized for C-40;
    - The removal of 57,168 cubic yards of material from C-40 as part of the Dredge Program;
    - The treatment of 4,977 acres of terrestrial vegetation, 6,893 acres of floating and emerged vegetation, and 9,360 acres of submerged vegetation;
    - The repair and grading of 3,383 miles of roads within the STA's and C&SF system;
    - 27,029 cubic yards of vegetation removed mechanically.
  - District Pump Stations collectively pumped 4,020,205 acre/feet of water.
  - High Water Mitigation projects included: L-29, 8.5 Square Mile Area, C-358, and S-357 detention areas.
  - Emergency forward pump operations took place at S-25B and S-26 during November 2015 to February 2016 due to an unusually wet winter.
  - Assisted FDEP in the treatment of 11,326 acres of hydrilla and 5,214 acres of floating plants within the Kissimmee Chain of Lakes.

### III. BUDGET HIGHLIGHTS

- Right-of-Way
  - Permitting staff processed 397 permit applications, which consisted of 290 Right-of-Way Occupancy Permits/Modifications and 107 transfers and other permitting transactions. Of these applications, 22 were in the Big Cypress Basin.
  - The Compliance and Enforcement staff conducted 1,540 field inspections, closed 688 permits (including 500 backlogged permits issued prior to January 1, 2014), and provided 1,368 hours of public outreach support to the Field Stations.
- Engineering and Construction
  - Completed construction of the Hillsboro Canal Stabilization (Package 1), BCB Field Station, J.W. Corbett Levee Improvements, S-13 Pump Station Refurbishment, G-103 Temporary Tailwater Weir, FAKA Union #4 Scour Repair, IT Shelters (Central), S-6 Tower Replacement, BCB Fall Protection Package 1, Homestead Field Station B-40 and B-142 Roof Repairs, C-4 Canal Bank Improvements (Sweetwater), and S-46 Tailwater Weir and Gate Replacement.
  - Initiated construction on the C-139 Annex Restoration Site Preparation Phase 1A, S-5A Pump Station Refurbishment, G-103 Replacement, C-4 Canal Bank Improvements (Palmetto Ph. 1), S-2/S-3/S-4 Service Bridge Refurbishments, STA Fuel Tank Platforms, G-450 Repair, Dupuis Gate 2 Parking Lot, S-12 Tower Relocation, S-351/S-354 Gate Lifts, S-72/S-75/S-82 Spillway Repairs, COCO 2 Scour Repairs, G-310/G-335 Air Exchange Replacement, and S-140 Trash Rakes.
  - Completed design of the S-12 Tower Relocation, G-450 Repair, S-351/S-354 Gate Lifts, C-139 Annex Restoration Site Preparation Phase 1B, Lainhart and Masten Dam Repairs, S-34/S-141 Replacement, B-66 Tower Replacement, WPB Field Station Culverts, S-140 Trash Rakes and G-103 Replacement.
- Land Management
  - Prescribe burned 17,316 acres of fire dependent plant communities which exceeds the annual goal of 16,000 acres prescribe burned by 8%.
  - Treated 43,395 acres of invasive upland exotic vegetation.
  - Initiated contracted ditch filling and land leveling activities within Phase I of the C-139 wetland restoration project. Planted 200 acres of the restoration site with native maiden cane collected from on-site donor locations. Completed clearing of exotic woody vegetation from remnant wetlands in Phase I.
  - Achieved final success criteria for the Loxahatchee Mitigation Bank, completing wetland restoration planting and exotics control, managed through a public/private partnership agreement.
- Recreation and Public Use
  - Provided recreation opportunities including hiking, camping, hunting, fishing, wildlife viewing, and equestrian use on 678,613 acres of land titled to the District.
  - Expanded participation in the District's volunteer program to include 14,948 hours of volunteer time performing functions such as trail and facility maintenance, water-way clean-ups, campground host activities, and providing environmental education programs. These services resulted in a saving of \$330,052 based on the standard volunteer rate of \$22.08 per hour.

### III. BUDGET HIGHLIGHTS

- Contracted and non-contracted law enforcement officers made 5875 public contacts while patrolling District managed lands and issued 191 arrests/warnings in an effort to gain compliance with public use regulations and for resource protection purpose.
- Upland and Wetland invasive Species Management
  - Managed 30 active invasive plant control projects resulting in the treatment of priority invasive plant species over 225,900 acres of District natural areas. This includes 27,067 acres of treatment within the Loxahatchee National Wildlife Refuge.
  - Managed contracts for biological control development and implementation resulting in the release of 12,000 air potato beetles, 19,000 Old World climbing fern (OWCF) mites and 114,656 OWCF moths (primarily at Loxahatchee National Wildlife Refuge). 449,850 water hyacinth leafhoppers were released within the District boundary for control of three priority invasive plants, and further testing is underway for two promising agents for control of Old World climbing fern.
  - Managed \$1,860,535 in contractual services for ground herbicide application in support of Land Stewardship management efforts.
  - Conducted 198 surveys for invasive reptiles resulting in the removal of 19 pythons, 2 spectacled caimans, 3 Nile Monitors, 6 Argentine black and white tegus lizards.
  - Mapped invasive species abundance and distribution in the Kissimmee River Floodplain and Loxahatchee National Wildlife Refuge.
- Canal/Levee and Aquatic Plant Management
  - Treated 16,769 acres of invasive aquatic plants.
  - Stocked 24,390 weed eating grass carp in District canals in Broward and Miami-Dade counties.
  - Completed 22 hazardous/exotic tree and debris removal projects on 19 levees totaling 31.1 miles.
- Stormwater Treatment Area Operation, Coordination, and Management
  - Treated 7,348 acres of undesirable vegetation, planted 361 acres of emergent vegetation, and inoculated the STAs with 909 cubic yards of submerged aquatic vegetation.
  - Continued rehabilitation of 350 acres of Cell 1A of STA 1W
  - Performed rehabilitation of 100 acres of Cell 1A of STA 3/4 and 30 acres of Cell 5 of STA 1E
- Infrastructure Management
  - Upgraded the Infrastructure Lifecycle Asset Management Prototype application developed for long-range forecasting of the cumulative annual capital budget requirements over the lifecycles of 800+ water control structures to include all canals and levee systems owned and maintained by the District. Additional upgrades include the feature to prioritize capital refurbishments projects based on a risk analysis, taking into account the facilities condition and its criticalness to the District core mission of flood protection.

### III. BUDGET HIGHLIGHTS

- As part of the District's ongoing effort to upgrade its vertical datum from NGVD 29 to NAVD 88, 222 new staff gauges were installed and re-calibrated. At the end of the fiscal year only the Big Cypress Basin Service Area will be left to upgrade.
- Performed a total of 471 multidiscipline engineering inspections and 112 unscheduled requests for engineering support of District infrastructure. These included 137 structure inspections, 12 tower inspections, 19 roof inspections, 68 crane inspections, 235 equipment vibration analyses, 21 major pump station related items, 60 water control structure associated matters, 8 roofs, 8 bridges and 15 miscellaneous (e.g., towers, erosion, permits, temporary facilities).
- Real Estate
  - Sold surplus parcels in Broward, Martin and Palm Beach Counties with combined proceeds exceeding \$2.1 million.
  - Following a year of public meetings, Governing Board discussions and feedback from lessees and stakeholders, a new land leasing policy was approved by the Governing Board in April 2016.
  - One hundred and thirty-three landowners in the Bird Drive Basin sued the District for inverse condemnation, claiming the loss of value due to pre-condemnation activities as a result of District acquisitions in the basin. The Third District Court of Appeal rejected the landowners' claim and noted such a "takings" theory was not recognized in Florida or consistent with Florida law.
- Facilities
  - Relocated 170+ employees to provide lease space for the Palm Beach County Sheriff's Office at District headquarters.
  - Relocating staff from Ft. Pierce to Okeechobee Service Center.
- Hydrology & Hydraulics
  - Supported Big Cypress Basin studies including the Curry Canal structure, providing real-time BCB monitoring/modeling and an updated Basin Atlas.
  - Completed S-5AE scouring protection design project and design report. The work included simulations to assess the impact of sheet pile walls for bank stabilization and S-5AE Maximum Allowable Gate Opening (MAGO) investigation.
  - Developed weekly Lake Okeechobee operations recommendation, system constraints, weekly position statement and monthly Governing Board water conditions updates.
  - The seven-year-old STA 3/4 Operation Plan was revised with new technical information and submitted to FDEP for approval.

### III. BUDGET HIGHLIGHTS

#### 4.0 Regulation

*This program includes water use permitting, water well construction permitting, water well contractor licensing, environmental resource and surface water management permitting, permit administration and enforcement, and any delegated regulatory program.*

- Regulatory Streamlining and Consistency
  - Rule development discussions are ongoing with FDEP and other water management districts to address Phase II Statewide Environmental Resource Permitting (SWERP) rule corrections and rule updates.
  - Actively participated in rule development discussions with FDEP and the other water management district and stakeholders to revise the Uniform Mitigation Assessment Method and the Mitigation Banking Rule to allow for additional financial assurance options.
  - November 2015 - C-51 Basin rules were updated to reflect revised basin boundaries, 10-year, three-day design discharge rates, and 100-year, three-day design stages.
  - Staff continue to participate in the Central Florida Water Initiative (CFWI) Regulatory Team's Uniform Agricultural Demands Workgroup (led by FDACS). This Workgroup is charged with developing a tool that can be used to calculate uniform agricultural demands for agricultural permits in the CFWI area.
  - Staff continue to work with applicants in the pre-application and pre-submittal phases of the permitting process in an effort to reduce the number of request for additional information (RAI) letters and the overall length of time a permit application is in-house prior to final action. This effort has resulted in a reduction in the number of RAI's needed.
- Application Review and Public Involvement
  - Application Reviews – The District provided timely evaluation and review of an estimated 2,236 Environmental Resource and 2,359 Water Use Permit Applications and 40 Works of the District Applications (including transfers).
  - Public Involvement – Continued to host monthly public meetings to provide opportunities for the public to comment on pending Water Use and Environmental Resource Permit applications.
  - ePermitting - Increased electronic submittals from 71% to 77% of all application submittals. Outreach efforts continued to promote the use of ePermitting utilizing mail, email, phone, webinar and face to face meetings. Staff continued to provide training for the regulated community and internal staff to increase skill level and familiarity with ePermitting, with increasing use of live training via the web.
- Compliance and Enforcement
  - Compliance Inspections – Continued to provide compliance inspections and investigations for both Environmental Resource and Water Use Permits and take enforcement actions when necessary.
  - Staff established a Public Water Supply Task Force with client relationship managers have been assigned to utilities in various geographic areas. These employees are building relationships by working very closely with the utility to get them fully in compliance in a positive and collaborative manner. The level of Public Water Supply utility compliance continues to increase since implementation of this effort.



### III. BUDGET HIGHLIGHTS

- Staff continue to work with permittees to train them on the use of ePermitting for compliance submittals. The number of water use compliance submittals submitted through ePermitting continues to increase since implementation of this effort.
- Everglades Regulation
  - Southern Everglades Source Control Program Performance Measures Achieved: As of the end of April 2015, discharges from the Everglades Agricultural Area (EAA) Basin surpassed the phosphorus reduction requirements established by law for the 20<sup>th</sup> consecutive year. Implementation of Best Management Practices under District permits produced a 79% phosphorus reduction in comparison to historic levels. Just west of the EAA, the C-139 Basin continues to comply with its mandated water quality goals through implementation of BMPs under the District's regulatory program. All of the 5-year C-139 permits were processed timely for renewal.

### III. BUDGET HIGHLIGHTS

#### 5.0 Outreach

*This program includes all environmental education activities, such as water conservation campaigns and water resource education; public information activities; all lobbying activities relating to local, regional, state, and federal governmental affairs; and all public relations activities, including public service announcements and advertising in any media.*

- Developed and implemented a rapid-response media plan including *Operations Reports* (operational responses to current conditions) and *Get the Facts* -- timely responses to correct misstatements and erroneous “facts” in social and mainstream media.
- Supported and publicized progress of Florida’s Restoration Strategies advanced initiative to showcase work on three massive flow equalization basins (FEBs) and Stormwater Treatment Area (STA) expansion by providing public information and media materials as well as postings on website and social media for community outreach.
- Developed the South Florida Environmental Report Highlights document – with photos, charts, graphics -- to complement 2,300+ page report and provide public outreach to underscore restoration, scientific and engineering accomplishments.
- Expanded social media engagement – currently have more than 12,000 Twitter followers -- and developed Flickr gallery to highlight Central and South Florida flood control system, restoration projects and management of public lands.
- Conducted outreach for and participated in the work to finalize the Central Florida Water Initiative – a joint water supply plan with the Southwest and St. Johns River water management districts approved by the respective governing boards.
- Hosted Water Conservation Expo and Vendor Fair at District headquarters. Over 120 participants attended the event. This year’s theme “Reducing Water Use in Agricultural Operations” featured numerous presentations/panels including the importance of conserving water, research on water-saving methods and types of assistance and funding that governmental organizations can provide. In addition, 15 vendors showcased the latest water conservation hardware, technology and related items.

### III. BUDGET HIGHLIGHTS

#### **6.0 District Management and Administration**

*This program includes all governing and basin board support; executive support; management information systems; unrestricted reserves; and general counsel, ombudsman, human resources, budget, finance, audit, risk management, and administrative services.*

- Received an unqualified opinion on the District's Fiscal Year 2014-2015 Comprehensive Annual Financial Report (CAFR) and the Schedule of Expenditure of Federal Awards and State Financial Assistance. There were no material weaknesses, significant deficiencies or other reportable conditions noted by our auditors.
- Continue work on the District's paperless work initiative. All cash receipt processes have been made paperless and check copies are stored online.
- Completed the Fiscal Year 2015-2016 Five-Year Capital Improvements Plan (CIP), which identifies the capital projects contained in the Fiscal Year 2015-2016 adopted budget, a Fiscal Year 2015-2016 adjusted projection based on updated cash flow projections, and planned future capital projects for the period of Fiscal Year 2016-2017 through Fiscal Year 2019-2020.
- Submitted adopted millage resolutions to the respective sixteen county Property Appraisers and Tax Collectors within the SFWMD boundaries, in accordance with Truth in Millage (TRIM) requirements.
- Submitted certified non ad valorem tax rolls to Palm Beach and Hendry County Tax Collectors to process Agricultural Privilege Taxes for the Everglades Agricultural Area and the C-139 Basin.
- Updated the five-year spend-down plan, identifying funds from accumulated reserves to implement critical water resource projects.
- Submitted the Fiscal Year 2016-2017 Preliminary and Fiscal Year 2016-2017 Tentative District Budgets.
- Implemented a new merit bonus policy.
- Outsourced administration of the Family and Medical Leave Act (FMLA).
- Compliance with new Affordable Care Act Requirements, including the delivery of the IRS ACA 1095 form to every employee/retiree/dependent no later than March 31, 2016.
- Four electronics shelters in the central area of the District have been replaced with the new District standard structures: Acme, S-5A, West Palm Beach Field Station, and Clewiston Field Station microwave sites. IT removed the microwave radios and all ancillary equipment from the old buildings and moved them into new larger buildings, utilizing District resources to facilitate the move, saving thousands in contractor costs.
- Completed a new process design effort for Geospatial Services to develop a District consolidated GIS business model with standardized methodologies. The business model contains core processes and their relationship in an integrated system, reducing the amount of work necessary to develop GIS in support of all District projects.
- Developed an automated five-year healthcare claims budget forecasting tool that uses Federal inflationary CPI forecasts and historical SFWMD healthcare expenditure trend statistics.
- Developed training material for both classroom and desk side training sessions for new project managers. These educational tools have greatly increased the quality of the data

### III. BUDGET HIGHLIGHTS

being collected by the SAP Project System application as the system of record for project expenditures and manpower requirements.

- With an agreement between USACE and SFWMD that fleet vehicle usage records can be included in the cost share expenditure calculations for certain CERP projects, a process is underway to take creditable fleet vehicle usage expense collection from a manual process into a fully automated process.
- Began Small Business Enterprise Rule Development process, holding eighteen fact finding sessions to determine changes needed to the existing Rule.
- Maintained 18.9% SBE utilization. There are currently 2,461 contracts with SBE participation.
- Tri-annual Peer Review of the Inspector General's Office was performed through the Association of Local Government Auditors, which resulted in a Full Compliance report.
- Received, processed and closed approximately 600 public records requests; 94 percent closed within 14 days.
- Emergency Management
  - Conducted the Hurricane Freddy Exercise on April 21. The exercise was a combination of a functional and discussion-based exercise which was driven by pre-scripted scenarios and injects.
  - Provided training in emergency operational planning to all field stations, and provided each field station with an operational planning worksheet tool.
  - Developed new Emergency Management iWeb page for Emergency Operational Functions, to include Standard Operation Procedures (SOPs) for EOC Sections, EOC seating layout, EOC organizational structure, and other reference resources frequently needed by SOP coordinators.
  - Coordinated the annual statewide Water Management District EOC Coordination Meeting with all the water management districts, USACE, and FDOT.
- Occupational Safety
  - Completed Safety Review of engineering plans and specifications on the following projects: S-151 Structure Replacement, Lake Hicpochee Storage, S-194 Structure Replacement, C43 (P504) Package 2: S476, S-39A PC Replacement and Automation, S-351/354 Lifting Mechanisms, S-34 and S-141 Replacement/G-123 Demolition, L-28 and G-211 Generator Replacement, GG-1 Weir 4 Structure Replacement, Mecca Flow Equalization Basin DDR, S-5A Repowering Repackaged, B-66 Tower Replacement, BCB Fall Protection Structure Retrofit.
  - Developed and conducted 8-hour Hazardous Waste Operations and Emergency Response Operations Level II courses required by EPA regulations at each field station, developed and conducted monthly 1-hour All-Hands Safety Training at each field station on a variety of safety topics, conducted quarterly Defensive Driving training and monthly CPR/AED/1st Aid training throughout the District. Specialty courses conducted at various locations included Aerial Lift Device Operator, OSHA OTI Excavation Safety, US Coast Guard Auxiliary Safe Boating, American Red Cross Instructor training, and National Weather Service SKYWARN training. Developed and conducted safety training on requested topics including Africanized Honey Bees, Zika Virus, and a variety of safety courses for office staff including Office Ergonomics, Fire Prevention and Evacuation.

### **III. BUDGET HIGHLIGHTS**

- In addition to the monthly field station, pump station and service center safety inspections, safety inspections were conducted throughout the District as required by Local Authority Having Jurisdiction Fire Marshal Inspections and US Coast Guard Auxiliary Vessel Examinations.

### **III. BUDGET HIGHLIGHTS**

#### **B. Major Budget Objectives and Priorities**

The District's objective in developing its budget is to maximize the return on taxpayer dollars to protect the region's water resources and meet the needs of the citizens we serve. To that end, the District's available resources in the Fiscal Year 2016-17 tentative budget were allocated to ensure support of key activities within its core mission: flood control, water supply, water quality, and natural systems management.

##### ***Flood Control***

Managing water is the District's primary function. A well maintained water management infrastructure assures the public that District facilities are operating at peak efficiency. The District budgets \$50 million of ad valorem funds each year to implement the 50-year plan for repairing, refurbishing and upgrading canals, water control structures, levees, and water storage areas. Our strategic priority is to refurbish, replace, improve, and manage the regional water management system by:

- Implementing flood control system refurbishment projects as part of the 50-year plan
- Incorporating new works into water management system operations
- Operating the water management system to meet flood control and water supply needs
- Optimizing infrastructure maintenance by adhering to, or exceeding, industry standards and best practices
- Coordinating with the U.S. Army Corps of Engineers on levee inspections and improvements

##### ***Water Supply***

Over time, land use changes, a growing population and agricultural development have resulted in higher demands for water supply. Planning for a growing population must also be balanced with ensuring water is available for natural systems. Five planning areas, which together encompass the entire District, address the unique resources and needs of each region. Regional water supply plans have been prepared and approved by the Governing Board for these areas. The water supply plans forecast water demands over a 20-year planning horizon, and identify potential sources and projects to meet those demands, while sustaining water resources and natural systems. Implementation of the water supply plans is essential to ensuring that sufficient quantities of water will be available. The plans identify a series of water source options for each of the areas of concern in the regions.

The District is implementing its updated regional water supply plans which are updated every five years to maintain a 20-year planning horizon. The Upper East Coast Plan, approved by the Governing Board in Fiscal Year 2010-11 was updated in Fiscal Year 2015-16. The Lower West Coast Plan update began in Fiscal Year 2014-15 and is scheduled for completion in Fiscal Year 2017-18. The Lower East Coast Plan update was approved in Fiscal Year 2012-13, and the Lower Kissimmee Basin Water Supply Plan was approved in Fiscal Year 2014-15. The District's Upper Kissimmee Basin is included in the Central Florida Water Initiative (CFWI) planning area. The CFWI is a collaborative effort between three water management districts with other agencies and stakeholders to address current and long-term water supply needs in a five-county area of Central Florida where the three district's boundaries meet. In November, 2015, the governing boards of the three Districts approved the 2015 CFWI RWSP, including the 2035 Water Resources Protection and Water Supply Strategies Plan.

### III. BUDGET HIGHLIGHTS

With regards to water supply, the District's strategic priority is to meet the current and future demands of water users and the environment by:

- Developing and implementing regional water supply plans in coordination with local governments and other stakeholders
- Supporting implementation of alternative water supply development and water conservation measures
- Utilizing regulatory permitting and compliance authority
- Utilizing water reservation and minimum flow and level authorities to protect water for natural systems

#### ***Water Quality / Natural Systems***

Improved water storage, habitat restoration, and water quality treatment in both the northern and southern reaches of the greater Everglades ecosystem are keys to a healthy environment and strong economy. The natural environment will experience significant benefits as restoration projects become operational and deliver their desired results.

Our water quality strategic priority is to restore the Northern and Southern Everglades by:

- Completing and implementing key ongoing and new restoration projects
- Expanding and improving water storage
- Implementing cost-effective solutions to improve water quality treatment, reduce nutrient loads, and achieve water quality standards
- Utilizing regulatory permitting and compliance authority
- Managing invasive exotic and nuisance vegetation on District lands



### **III. BUDGET HIGHLIGHTS**

#### **C. Adequacy of Fiscal Resources**

The South Florida Water Management District (District) Fiscal Year 2016-17 tentative budget of \$726.2 million is focused on ongoing progress in environmental restoration and water resource projects throughout South Florida while ensuring the District continues to deliver on its core mission of flood control, water supply, water quality and natural systems.

The District has developed a financial forecast to project estimated long-term revenue and expenditures for the operations and maintenance and monitoring of newly completed restoration projects, Everglades Restoration, flood control system capital refurbishment, and Restoration Strategies. The District has maintained a consistent annual baseline budget, implementing efficiency improvements to reduce non-essential costs to offset some of the growth of operational costs. The following five-year anticipated expenditure and revenue financial forecast table indicates that \$26.6 million of reserves without restrictions has been designated for budget stabilization (\$5.6 million to cover unanticipated revenue shortages or costs) and \$21 million to allocate to District Governing Board priorities prior to the 2016-17 adopted budget and in the future, which will include high priority projects and projected growth of operational costs for completed restoration projects.

This Fiscal Year 2016-17 budget and the agency's fiscal direction were presented and discussed at the Governing Board's November budget workshop, December and July business meeting. Additional updates are planned for the upcoming August and September business meetings.

The Fiscal Year 2016-17 budget has adequate funding sources to implement the District's mission-critical responsibilities. For future budgets, the District will continue to identify baseline savings to offset part of the growth in operational costs.

#### ***Ad Valorem Tax Revenue***

Our Governing Board continues the commitment to maintain lower taxes for South Florida's citizens. This budget is based on current homeowners paying the same tax plus any new revenue from the addition of new construction to local tax rolls. The agency's work is successfully achieved through these ad valorem revenues as well as state appropriations, federal and local sources, balances, fees, investment earnings and agricultural privilege taxes. For Fiscal Year 2016-17 tentative budget consists of \$269.6 million which includes a \$2.6 million net increase from new construction values. As part of the anticipated recurring revenues, the following five-year expenditure and revenue financial forecast table includes conservative revenue growth estimates based on Office of Economic and Demographic Research (EDR) last available estimates. The five-year outlook anticipates slow but consistent growth in ad valorem revenue, from new construction value. Growth in ad valorem revenue is dedicated for the Governor's Restoration Strategies projects.

#### ***Accumulated Reserves***

The District's total estimated prior year accumulated reserves at this time is \$326.3 million. The \$326.3 million is comprised of \$20 million of non-spendable reserves, \$152.6 million of reserves with restrictions on how they are to be expended and \$153.7 million of reserves without restrictions. The \$20 million of non-spendable funds represents the value of inventory on hand such as fuel and chemicals, and wetlands mitigation permanent fund for long term land management on specific wetland mitigation projects and bank. The non-spendable funds

### III. BUDGET HIGHLIGHTS

are not available to be used on projects and have not been included in the five-year expenditure and revenue financial forecast table. The remaining reserve amount of \$306.3 million is available for usage towards funding the District's future budgets, but some of the funds have restrictions on their usages. \$152.6 million of the available reserves with restrictions may only be used on expenses as defined by the source. Examples include the \$60 million set aside by Governing Board policy to address hurricane or unanticipated flood control infrastructure emergencies, \$53.6 million in Lake Belt and Wetlands Mitigation funds that may only be used towards projects approved by the Lake Belt committee or for specific wetland mitigation projects, and \$9.8 million from lease revenues on lands purchased with federal and state funds to be used for land management within certain project footprints.

\$153.7 million of the available reserves are without restrictions. These funds are derived from ad valorem taxes unspent from prior years. Currently the five-year plan allocates the majority of the funds towards restoration projects such as the continuation of Restoration Strategies, Lakeside Ranch STA Phase II, Lake Hicpochee and C-111. \$12 million has also been allocated for future years to cover the O&M and monitoring requirement of new structures coming on line such as C-44, C-43, Picayune Strand Faka Union and Miller pump stations, STA-1W expansion. These funds as well as the remaining \$26.6 million in the forecast are subject to future Governing Board review and decisions.

The Fiscal Year 2016-17 tentative budget includes \$135.6 million from accumulated reserves; \$56.6 million, are reserves without restrictions and \$78.9 million, are reserves with restrictions. At the Governing Board's direction, \$60 million of restricted reserves are maintained annually to address hurricane or emergencies.

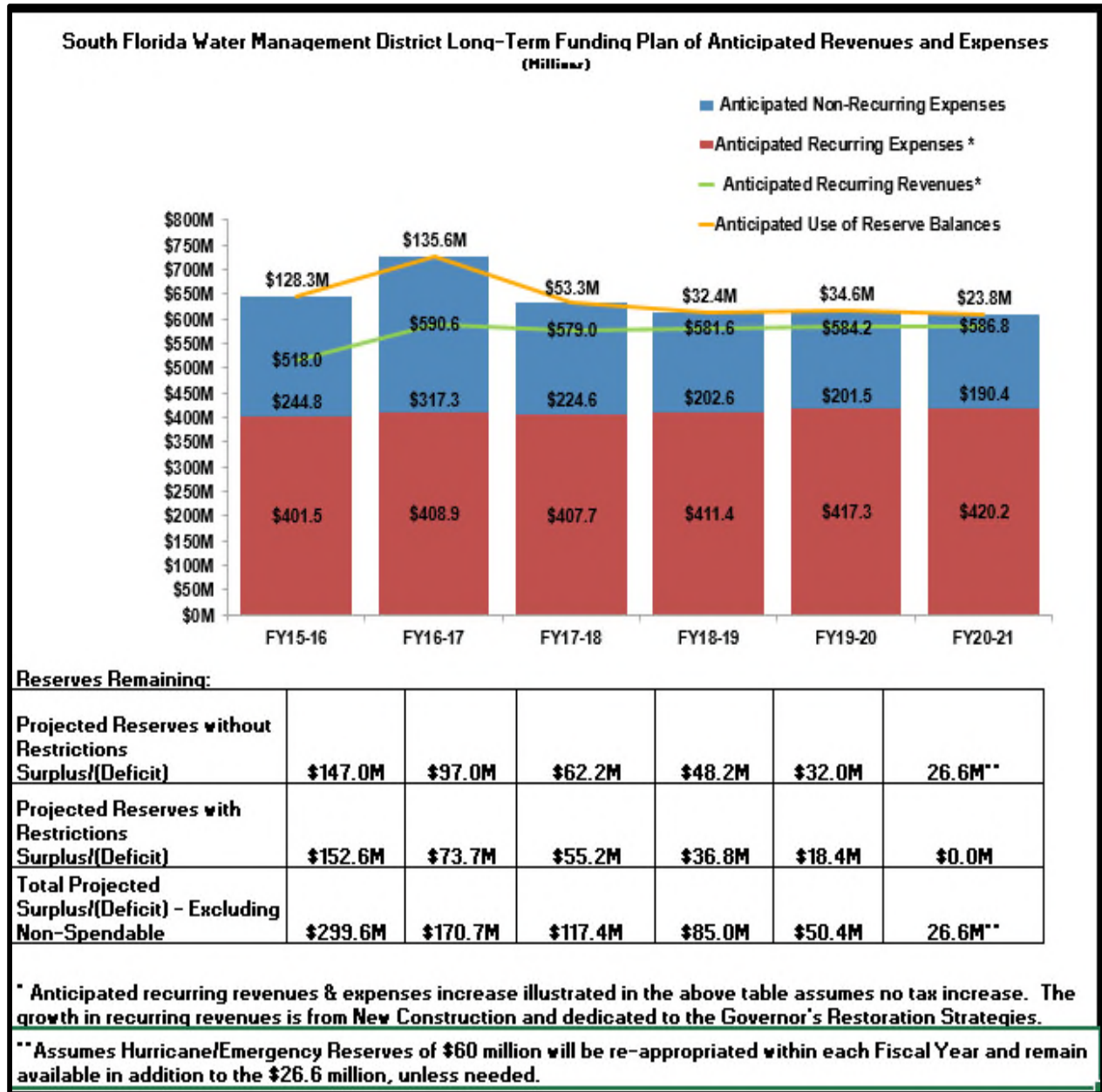
#### ***Additional Sources***

The District's 2016-17 tentative budget contains \$253.2 million in state revenues: \$9.8 million from prior year state appropriation, \$9.2 million from Florida Fish and Wildlife, \$200,000 from Everglades License tag and \$234 from the 2016 Florida Legislature. The \$234 million continues support for land management needs and maintaining the pace of restoration progress and is \$114 million higher than appropriated for the 2015-16 budget. The Legislature appropriated the \$234 million as follows: \$60 million for C-44 reservoir, \$37 million for C-43 west storage reservoir, \$32 million for restoration strategies, \$2.5 million for CERP planning and design, \$16.9 million for Lake Hicpochee land acquisition, \$5.8 million for Biscayne Bay Coastal Wetlands land acquisition, \$5 million for Picayune Strand land acquisition, \$9 million for Lakeside Ranch Phase II, \$5 million for dispersed water management existing operations, \$3.9 million for land and vegetation management and \$7 million from Alligator Alley Tolls. The Legislature also appropriated \$47.8 million for dispersed water management public private partnerships capital improvements and \$2 million for C-51 activities to DEP. It is anticipated that these monies will be transferred to SFWMD as contractual details are resolved subject to Board review.

For future forecasting the following five-year expenditure and revenue financial forecast table anticipated the same level of funding for continued support for restoration and land management efforts.

Other sources include permit fees, leases, Lake Belt mitigation, interest earnings, local and federal sources. For future forecasting the model anticipated the same level of funding as illustrated in the 2016-17 budget.

### III. BUDGET HIGHLIGHTS



#### Water Quality / Natural Systems

The District's commitment to improving water quality and natural systems is implemented primarily through the design and construction of restoration projects. Experienced operation and adequate maintenance of those works ensures that they perform as designed and meet regulatory and court imposed targets.

Section 373.1501, F.S., provides a legislative finding that the Comprehensive Everglades Restoration Plan (CERP) is needed for restoring the Everglades ecosystem and for sustaining the environment, economy and social well-being of South Florida. Furthermore, this section ensures that all project components are consistent with the balanced policies and purposes of Chapter 373, F.S., and specifically Section 373.026, F.S. In Section 373.026 (8) (b), F.S., the

### III. BUDGET HIGHLIGHTS

Florida Department of Environmental Protection is directed to collaborate with the District and to approve each project component with or without amendments within a specified time frame. CERP major components are designed to be implemented through the execution of multiple projects. These projects require decades to plan, design and construct and will be cost-shared equally between the federal government and the District, the primary local sponsor.

The Northern Everglades and Estuaries Protection Program (Section 373.4595, F.S., 2007) requires the Coordinating Agencies (District, FDEP and FDACS) to develop watershed protection plans for Lake Okeechobee, St. Lucie and Caloosahatchee watersheds. The purpose of the protection plans is to identify and implement programs and projects necessary to achieve water quality and water quantity objectives for the watersheds.

The Everglades Forever Act directed the District to implement a regulatory source control program requiring landowners to reduce phosphorus in their stormwater runoff prior to discharge into downstream regional treatment projects. The District was also required to design and construct a series of Stormwater Treatment Areas (STAs) to reduce phosphorus levels from stormwater runoff and other sources before it enters the Everglades Protection Area (EPA).

At the direction of Governor Scott the District, FDEP and the USEPA engaged in technical discussions starting in 2010 to address Everglades water quality issues. The primary objectives were to establish a WQBEL that would achieve compliance with the State of Florida's numeric phosphorus criterion and to identify a suite of additional water quality projects to work in conjunction with the existing STAs to meet this Water Quality Based Effluent Limit (WQBEL). In 2012, a suite of projects was identified to meet the WQBEL limits. In 2013, the Florida Legislature incorporated the plan for these projects, known as Restoration Strategies, into law. This plan includes a schedule for project implementation that balances current economics with engineering, permitting, science and construction limitations. The approved plan, estimated to cost approximately \$880 million, utilizes a combination of state and District revenues to complete the projects.

The Governing Board has appropriated significant revenues toward implementation of these restoration efforts. The following amounts are included in the Fiscal Year 2016-17 tentative budget for continued progress: \$54.1 million for implementation of Restoration Strategies Water Quality Improvement projects, of which \$32 million is from new recurring state funding; \$152.3 million for implementation of CERP projects; \$53.7 million for Everglades Forever Act activities, including \$27.8 million for STA operations and maintenance; and \$119 million for implementation of Lake Okeechobee and Estuaries including \$47.8 million for Dispersed Water Management (Public Private Partnerships) capital improvements appropriated by the Florida Legislature to DEP.

The Fiscal Year 2016-17 tentative budget contains the resources needed to perform the District's water quality and natural systems mission.

#### ***Water Supply***

Water Supply needs are evaluated and programs are in place to help ensure sustainable water resources pursuant to the Florida Water Resources Act (Chapter 373, Florida Statutes). Regional water supply plans are updated in collaboration with stakeholders every five years. Based on a 20-year outlook, these plans include water demand estimates and projections; evaluation of existing regional water resources; identification of water supply-related issues and options; water resource and water supply components, including funding strategies; and

### III. BUDGET HIGHLIGHTS

recommendations for meeting projected demands. To ensure adequate water supplies in South Florida, it is important that the District funds water supply initiatives at a level that meets the current and future demands of water users and the environment. These plans are documented annually in the five-year water resource development work program.

#### ***Five-Year Water Resource Development Work Program***

Each year the District prepares a five-year water resource development work program pursuant to Section 373.536(6)(a)4, F.S. This document describes the District's implementation strategy for the water resource development component of each approved regional water supply plan developed or updated under Section 373.709, F.S. The FDEP reviews the five-year water resource development work program to determine the adequacy of proposed expenditures. This determination is constrained by several factors, including but not limited to these items:

- The fiscal information provided in the five-year water resource development work program only covers five fiscal periods and does not encompass the entire planning period of the regional water supply plans, which includes a 20-year horizon.
- Any future proposed expenditure is influenced by a statutory process for budget development and review that includes legislative review, public comment, Governor's approval and a future Governing Board's adoption of a final budget.
- Water supply projects, including alternative water supply projects, are often developed, designed and implemented over a number of years, which may extend beyond the time horizon of the work program.
- The business decision to develop any water supply project or alternative water supply project is determined by a local water supplier that is independent of the District.

The South Florida Water Management District provides significant water supply benefits through the operation of the Central and Southern Florida Project. Region-wide water management is accomplished by the District's multi-purpose C&SF system, which currently includes approximately 692 water control structures and weirs; 618 smaller project culverts; management of 71 pump stations, which send water south and through waterways eastward and westward to both coasts; and oversight of approximately 4,098 miles of canals and levees.

As an essential part of the agency's core mission, providing water supply for agriculture, urban uses and natural resources needs and also helping to prevent saltwater intrusion are a routine part of C&SF system operations.

The Fiscal Year 2016-17 tentative budget contains the resources needed to perform the District's water supply mission.

#### ***Flood Control/ Operations***

The Operations and Maintenance Program created a comprehensive long-term plan for Central & Southern Florida system-wide water control structure improvements. This 50-year plan involves refurbishing aging infrastructure to ensure the C&SF system operates as designed to provide adequate flood control throughout South Florida. The 2016-17 tentative budget expenditure of \$55.9 million has been designated for operations and maintenance capital refurbishment projects from the ad valorem budget. This level of funding has been maintained as one of the highest priorities.

### **III. BUDGET HIGHLIGHTS**

The Fiscal Year 2016-17 tentative budget includes adequate funding to perform the District's baseline flood control mission, including emergency activities. An active tropical storm season for peninsular Florida may require additional funding from one-time \$60 million emergency reserves that are included in the budget.

Future Governing Board funding decisions on priority use of estimated prior year reserves balances could change Fiscal Year 2016-17 as well as future year reserve spend down plans. Prior year reserves are being used within the Fiscal Year 2016-17 tentative budget to continue work on projects as well as restricted usages as defined according to the sources during the next five years, as shown in the Projected Utilization of Prior Year Reserves worksheet.

### **III. BUDGET HIGHLIGHTS**

#### **D. Budget Summary**

##### **1. Overview**

The District encompasses all or part of sixteen counties, covering a total area of 18,000 square-miles (30% of the state's land area), and spans from Orlando to Key West. About 41 percent of the State's population (8.1 million people) lives within the South Florida Water Management District boundaries.

There are two primary basins contained within the District, the Okeechobee Basin and the Big Cypress Basin. The Okeechobee Basin is based on the sprawling Kissimmee – Okeechobee - Everglades ecosystem, which stretches from Central Florida's Chain of Lakes to Lake Okeechobee and south to the Florida Keys. The Big Cypress Basin includes all of Collier and part of Monroe counties, the Big Cypress National Preserve, and the 10,000 Islands.

The Fiscal Year 2016-17 tentative budget is \$726.2 million which is \$27.2 million (3.6%) lower than the current amended Fiscal Year 2015-16 budget of \$753.5 million. The decrease is primarily due to less reserve usage in the tentative budget than the current budget. The District's largest individual revenue sources are ad valorem taxes, state funding and prior year cash balances.

The projection of ad valorem revenue included in the Fiscal Year 2016-17 tentative budget is based on rolled-back millage rates which represent no tax increase to property owners residing within District boundaries. Baseline tax revenue is calculated to generate \$2.2 million less than in Fiscal Year 2015-16, due to the impact of VAB hearings on prior year values, offset by an estimated \$4.8 million generated from new construction added to the tax rolls. Projected ad valorem revenues in the tentative budget are \$269.6 million (37.1%) of total projected revenues, compared to \$266.9 million (35.4%) in Fiscal Year 2015-16.

Total anticipated state funds in the Fiscal Year 2016-17 tentative budget is \$253.2 million (34.9% of total budget) and the total estimated federal funding is \$6.9 million (1% of total budget). In the current amended Fiscal Year 2015-16 budget, the total state funding is \$182.7 million (24.2% of total budget) and the total federal funding is \$7.4 million (1% of total budget).

The revenue sources that make up the remaining portion of the Fiscal Year 2016-17 tentative budget are agricultural privilege taxes, permit fees, reserves, and miscellaneous revenues which represent 27 percent of the total budget. These revenue sources represented 39.4 percent of the Fiscal Year 2015-16 total budget.



**SOUTH FLORIDA WATER MANAGEMENT DISTRICT**  
**SOURCE AND USE OF FUNDS, RESERVES AND WORKFORCE**  
Fiscal Years 2015-16 and 2016-17  
**TENTATIVE BUDGET - Fiscal Year 2016-17**

	Fiscal Year 2015-16 (Current Amended)	New Issues (Increases)	Reductions	Fiscal Year 2016-17 (Tentative Budget)
<b>SOURCE OF FUNDS</b>				
Beginning Reserves @ 9/30/2015	\$ 417,434,620	\$ -	\$ (91,080,102)	\$ 326,354,518
District Revenues	333,460,616	-	(3,812,227)	329,648,389
Debt	-	-	-	-
Local Revenues	866,158	83,842	-	950,000
State Revenues	182,686,478	70,479,963	-	253,166,441
Federal Revenues	7,400,105	-	(480,507)	6,919,598
Unearned / Unavailable Revenue @ 9/30/2015	39,090,144	-	(39,090,144)	-
<b>SOURCE OF FUND TOTAL</b>	<b>\$ 980,938,121</b>	<b>\$ 70,563,805</b>	<b>\$ (134,462,980)</b>	<b>\$ 917,038,946</b>

<b>USE OF FUNDS</b>				
Salaries and Benefits	\$ 152,792,282	\$ 383,071	\$ (8,576,572)	\$ 144,598,781
Other Personal Services	253,263	46,512	-	299,775
Contracted Services	65,194,491	54,861,173	(33,134,573)	86,921,091
Operating Expenses	124,845,093	9,845,699	(13,082,356)	121,608,436
Operating Capital Outlay	17,438,271	13,138,095	(8,332,050)	22,244,316
Fixed Capital Outlay	272,498,461	57,921,826	(88,828,461)	241,591,826
Interagency Expenditures (Cooperative Funding)	18,389,434	5,803,825	(7,256,771)	16,936,488
Debt	42,030,910	19,864,525	(29,865,910)	32,029,525
Reserves - Emergency Response	60,015,738	-	-	60,015,738
<b>USE OF FUNDS TOTAL</b>	<b>\$ 753,457,943</b>	<b>\$ 161,864,726</b>	<b>\$ (189,076,693)</b>	<b>\$ 726,245,976</b>

<b>Unearned / Unavailable Revenue @ 9/30/2016 (Estimated)</b>				
	\$ -		\$ -	\$ -
<b>TOTAL UNEARNED REVENUE</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

<b>RESERVES (ESTIMATED @ 9/30/2016)</b>				
Nonspendable	\$ 20,002,527	\$ -	\$ -	\$ 20,002,527
Restricted	246,486,541	-	(98,947,768)	147,538,773
Committed	23,251,670	-	-	23,251,670
Assigned	36,613,780	-	(36,613,780)	-
Unassigned	-	-	-	-
<b>TOTAL RESERVES</b>	<b>\$ 326,354,518</b>	<b>\$ -</b>	<b>\$ (135,561,548)</b>	<b>\$ 190,792,970</b>

<b>WORKFORCE</b>				
Authorized Position (Full-Time Equivalents/FTE)	1,530	-	(55)	1,475
Contingent Worker (Independent Contractors)	-	-	-	-
Other Personal Services (OPS)	5	-	(1)	4
Intern	-	-	-	-
Volunteer	-	-	-	-
<b>TOTAL WORKFORCE</b>	<b>1,535</b>	<b>-</b>	<b>(56)</b>	<b>1,479</b>

**Reserves:**

Nonspendable - amounts required to be maintained intact as principal or an endowment  
Restricted - amounts that can be spent only for specific purposes like grants or through enabling legislation  
Committed - amounts that can be used only for specific purposes determined and set by the District Governing Board  
Assigned - amounts intended to be used for specific contracts or purchase orders  
Unassigned - available balances that may be used for a yet to be determined purpose in the general fund only

**Notes:**

1) Beginning reserves is derived from prior year ending reserves in preparation of the next reporting cycle.

Reserves Fiscal Year 2014-15 - Total Governmental Funds (CAFR)	\$ 483,567,650
Plus Total Net Position Fiscal Year 2014-15 - Internal Service Funds	13,061,113
Subtotal Total Beginning Reserves/Net Assets Fiscal Year 2015-16	496,628,763
Less Carryforward Encumbrances from Non-Reimbursement Funds	(79,194,143)
<b>Beginning Reserves Available for Allocation Fiscal Year 2015-16</b>	<b>\$ 417,434,620</b>

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT**  
**SOURCE AND USE OF FUNDS, RESERVES AND WORKFORCE**  
Fiscal Years 2015-16 and 2016-17  
**TENTATIVE BUDGET - Fiscal Year 2016-17**

**Notes:**

2) Uses of Funds (New Issues - Increases) include \$89,041,806 in funds that will be rebudgeted in Fiscal Year 2016-17 (see below).

<b>Rebudget Items</b>	<b>Amount</b>
Hurricane/Emergency Reserve	\$60,015,738
Lake Hicpochee Hydrologic Enhancement	\$9,773,686
Alternative Water Supply / Water Conservation / Stormwater Cooperative Program	\$9,000,000
Central Florida Water Initiative - Regional Water Supply Plan Update	\$3,080,649
Restoration Strategies	\$2,933,400
Tax Collector & Property Appraiser Fees	\$2,716,308
C-43 Bioassays and Mesocosms	\$430,941
Kissimmee ASR	\$300,000
Southern Crew	\$300,000
S. Dade C-111 Federal Project	\$198,007
Grant Parcel Wetland Restoration	\$129,077
Caloosahatchee Peer Review	\$60,000
L-31 East Flow Way	\$50,000
Kissimmee Land Acquisition	\$30,000
CERP Monitoring & Assessment Plan	\$24,000
<b>Grand Total</b>	<b>\$89,041,806</b>

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT  
PROJECTED UTILIZATION OF RESERVES  
TENTATIVE BUDGET - Fiscal Year 2016-17**

Core Mission	Designations (Description of Restrictions)	Total Projected Designated Amounts at September 30, 2016	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Remaining Balance
<b>NONSPENDABLE</b>								
n/a	Inventory Reserve - General Fund	0	0	0	0	0	0	0
n/a	Inventory Reserve - Okeechobee Basin	4,066,160	0	0	0	0	0	4,066,160
n/a	Inventory Reserve - Big Cypress Basin	286,178	0	0	0	0	0	286,178
n/a	Wetlands Mitigation Permanent Fund (principal portion)	15,650,189	0	0	0	0	0	15,650,189
<b>NONSPENDABLE SUBTOTAL</b>		<b>20,002,527</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,002,527</b>
<b>RESTRICTED</b>								
WS WQ NS	Restoration Strategies	65,253,505	10,069,713	33,228,600	11,366,747	10,588,445	0	0
WS WQ FP NS	Mitigation - Lakebelt/Wetland	53,586,680	13,798,354	9,947,082	9,947,082	9,947,082	9,947,082	0
WS WQ FP NS	Hurricane/Emergency Reserves	44,273,003	44,273,003	0	0	0	0	0
WS WQ FP NS	ISF - Internal Service Funds	11,299,553	626,262	2,668,323	2,668,323	2,668,323	2,668,323	0
WS WQ FP NS	Big Cypress Basin Reserves	10,726,475	2,033,961	2,173,129	2,173,129	2,173,129	2,173,129	0
WS WQ NS	Land Management (Lease Revenue)	9,835,807	401,759	2,403,053	2,343,665	2,343,665	2,343,665	0
WQ FP NS	Lakeside Ranch STA Phase II	7,500,000	7,500,000	0	0	0	0	0
WS WQ FP NS	Future O&M New Works	7,144,112	0	0	1,327,021	4,585,105	1,231,986	0
WS WQ FP NS	Cooperative Funding Program	7,000,000	7,000,000	0	0	0	0	0
WS WQ NS	S-199/S-200 Pump Capacity Increase	4,000,000	4,000,000	0	0	0	0	0
NS	C-111 South Dade Study	3,000,000	3,000,000	0	0	0	0	0
WS WQ NS	Future Land Acquisition (Surplus Land Sales Revenues)	2,917,512	0	729,680	729,277	729,277	729,277	0
WS WQ FP NS	Tax Collector & Property Appraiser Fees	1,472,728	1,472,728	0	0	0	0	0
WS WQ NS	Everglades Restoration (Alligator Alley Tolls, Everglades License Tag)	1,337,576	623,190	193,363	173,674	173,674	173,674	0
WS WQ NS	Future Land Management	1,250,549	0	682,172	568,377	0	0	0
WQ NS	Lake Hicpochee Hydrologic Enhancement	1,070,933	1,070,933	0	0	0	0	0
WS WQ FP NS	Heavy Equipment Replacement	1,050,719	1,050,719	0	0	0	0	0
WS WQ NS	COPS Debt Service	974,057	974,057	0	0	0	0	0
WQ NS	Everglades Restoration	949,077	504,077	350,000	95,000	0	0	0
WS WQ NS	BOMA Improvements (Cost to Cure; Surplus Land Sales Rev)	315,008	315,008	0	0	0	0	0
WS WQ FP NS	Indian River Lagoon Estuarine Projects (IRL Tag)	107,985	92,004	15,981	0	0	0	0
WS WQ NS	NEEPP & EFA Source Controls	100,000	20,000	30,000	50,000	0	0	0
WS NS	Central Florida Watershed Initiative	71,500	71,500	0	0	0	0	0
WS WQ FP NS	Land Management	40,500	40,500	0	0	0	0	0
WS WQ NS	NEEPP Source Control	10,000	10,000	0	0	0	0	0
WS WQ FP NS	Budget Stabilization	3,788,721	0	0	0	0	0	3,788,721
WS WQ FP NS	Future Projects	7,410,541	0	0	0	0	0	7,410,541
<b>RESTRICTED SUBTOTAL</b>		<b>246,486,541</b>	<b>98,947,768</b>	<b>52,421,382</b>	<b>31,442,294</b>	<b>33,208,699</b>	<b>19,267,135</b>	<b>11,199,262</b>
<b>COMMITTED</b>								
WS WQ FP NS	Future O&M New Works	4,705,974	0	0	0	497,053	4,208,921	0
WS WQ FP NS	IRL National Estuary Program Projects	1,500,000	0	500,000	500,000	500,000	0	0
WS WQ FP NS	L-31 East Flow Way	1,482,071	0	370,519	370,518	370,518	370,518	0
WS WQ NS	NEEPP & EFA Source Controls	80,000	0	10,000	70,000	0	0	0
WS WQ FP NS	Budget Stabilization	1,801,184	0	0	0	0	0	1,801,184
WS WQ FP NS	Future Projects	13,682,441	0	0	0	0	0	13,682,441
<b>COMMITTED SUBTOTAL</b>		<b>23,251,670</b>	<b>0</b>	<b>880,519</b>	<b>940,518</b>	<b>1,367,571</b>	<b>4,579,439</b>	<b>15,483,625</b>
<b>ASSIGNED</b>								
WS WQ FP NS	Hurricane/Emergency Reserves	15,742,735	15,742,735	0	0	0	0	0
WQ NS	Lake Hicpochee Hydrologic Enhancement	8,702,753	8,702,753	0	0	0	0	0
WS WQ NS	Restoration Strategies	4,001,330	4,001,330	0	0	0	0	0
WS NS	Central Florida Watershed Initiative	3,129,149	3,129,149	0	0	0	0	0
WS WQ FP NS	Cooperative Funding Program	2,000,000	2,000,000	0	0	0	0	0
WS WQ FP NS	Tax Collector & Property Appraiser Fees	1,243,580	1,243,580	0	0	0	0	0
WS WQ FP NS	IRL National Estuary Program Projects	500,000	500,000	0	0	0	0	0
WQ NS	C-43 WQ Testing Facility (BOMA)	430,941	430,941	0	0	0	0	0
WS WQ NS	Everglades Restoration	324,000	324,000	0	0	0	0	0
WS WQ NS	NEEPP Support	250,000	250,000	0	0	0	0	0
WS NS	Water Management Planning	140,000	140,000	0	0	0	0	0
WS WQ FP NS	L-31 East Flow Way	50,000	50,000	0	0	0	0	0
WS WQ FP NS	Land Management	50,000	50,000	0	0	0	0	0
WS WQ NS	IRL Seagrass Monitoring	28,000	28,000	0	0	0	0	0
WS WQ NS	NEEPP Source Control	20,000	20,000	0	0	0	0	0
WS WQ NS	BOMA Improvements (Cost to Cure; Surplus Land Sales Rev)	1,292	1,292	0	0	0	0	0
<b>ASSIGNED SUBTOTAL</b>		<b>36,613,780</b>	<b>36,613,780</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>UNASSIGNED</b>								
WS WQ FP NS	Economic Stabilization Fund	0	0	0	0	0	0	0
<b>UNASSIGNED SUBTOTAL</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL</b>		<b>326,354,518</b>	<b>135,561,548</b>	<b>53,301,901</b>	<b>32,382,812</b>	<b>34,576,270</b>	<b>23,846,574</b>	<b>46,685,414</b>
<b>Remaining Reserves at Fiscal Year End</b>			<b>190,792,970</b>	<b>137,491,069</b>	<b>105,108,258</b>	<b>70,531,988</b>	<b>46,685,414</b>	<b>0</b>
Assumes Hurricane/Emergency Reserves are re-appropriated each fiscal year unless needed.								
WS = Water Supply: WQ = Water Quality: FP = Flood Protection: NS = Natural Systems								

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT**  
**SOURCE AND USE OF RESERVES**  
Fiscal Year 2016-17  
**TENTATIVE BUDGET - Fiscal Year 2016-17**

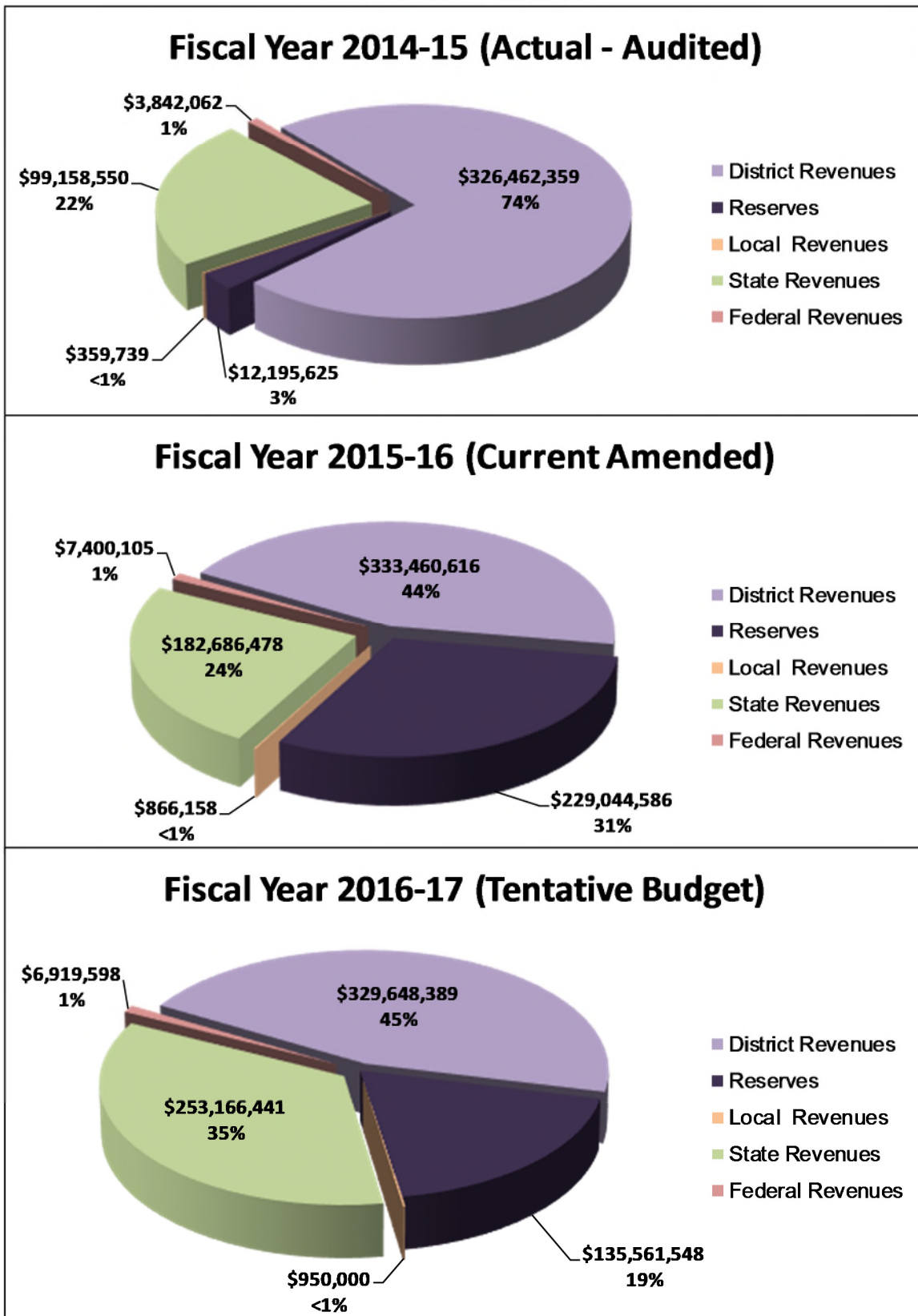
	TENTATIVE BUDGET - Fiscal Year 2016-17	SOURCES OF RESERVES						
		District Revenues	Reserves	Debt	Local	State	Federal	TOTAL
1.0 Water Resources Planning and Monitoring	53,757,464	9,576,038	-	-	-	287,187	-	9,863,225
2.0 Acquisition, Restoration and Public Works	338,167,683	46,577,404	-	-	-	428,007	-	47,005,411
3.0 Operation and Maintenance of Lands and Works	273,069,738	75,523,070	-	-	-	-	-	75,523,070
4.0 Regulation	24,273,683	50,000	-	-	-	-	-	50,000
5.0 Outreach	1,217,427	-	-	-	-	-	-	-
6.0 District Management and Administration	35,759,981	876,262	-	-	-	-	-	3,119,842
<b>TOTAL</b>	<b>726,245,976</b>	<b>134,846,354</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>715,194</b>	<b>-</b>	<b>135,561,548</b>

	USES OF RESERVES									
	Salaries and Benefits	Other Personal Services	Contracted Services	Operating Expenses	Operating Capital Outlay	Fixed Capital Outlay	Interagency Expenditures (Cooperative Funding)	Debt	Reserves	TOTAL
1.0 Water Resources Planning and Monitoring	-	-	3,364,649	563,807	316,300	-	5,618,469	-	-	9,863,225
2.0 Acquisition, Restoration and Public Works	-	-	4,752,752	366,469	460,000	34,433,533	6,018,600	974,057	-	47,005,411
3.0 Operation and Maintenance of Lands and Works	685,087	-	5,330,277	2,539,359	6,196,719	755,890	-	-	60,015,738	75,523,070
4.0 Regulation	-	-	50,000	-	-	-	-	-	-	50,000
5.0 Outreach	-	-	-	-	-	-	-	-	-	-
6.0 District Management and Administration	-	-	282,000	2,837,842	-	-	-	-	-	3,119,842
<b>TOTAL</b>	<b>685,087</b>	<b>-</b>	<b>13,779,678</b>	<b>6,307,477</b>	<b>6,973,019</b>	<b>35,189,423</b>	<b>11,637,069</b>	<b>974,057</b>	<b>60,015,738</b>	<b>135,561,548</b>

### III. BUDGET HIGHLIGHTS

#### 2. Source of Funds Three Year Comparison

SOUTH FLORIDA WATER MANAGEMENT DISTRICT  
TENTATIVE BUDGET - Fiscal Year 2016-17  
REVENUES BY SOURCE



SOUTH FLORIDA WATER MANAGEMENT DISTRICT  
**SOURCE OF FUNDS COMPARISON FOR THREE FISCAL YEARS**  
 Fiscal Years 2014-15 (Actual - Audited) 2015-16 (Current Amended) 2016-17 (Tentative)  
 TENTATIVE BUDGET - Fiscal Year 2016-17

<b>SOURCE OF FUNDS</b>	<b>Fiscal Year 2014-15 (Actual - Audited)</b>	<b>Fiscal Year 2015-16 (Current Amended)</b>	<b>Fiscal Year 2016-17 (Tentative Budget)</b>	<b>Difference in \$ (Tentative -- Current)</b>	<b>% of Change (Tentative -- Current)</b>
District Revenues	326,462,359	333,460,616	329,648,389	(3,812,227)	-1%
Reserves	12,195,625	229,044,586	135,561,548	(93,483,038)	-41%
Local Revenues	359,739	866,158	950,000	83,842	10%
State General Revenues	16,767,719	2,000,000	2,000,000	-	0%
Land Acquisition Trust Fund	-	117,552,281	125,388,034	7,835,753	7%
Water Management Lands Trust Fund	7,677,970	98,427	500,000	401,573	408%
Florida Forever	16,984,718	2,830,125	2,670,328	(159,797)	-6%
Save Our Everglades Trust Fund	43,251,210	41,911,037	106,153,679	64,242,642	153%
Alligator Alley Tolls	8,600,000	7,064,000	7,064,000	-	0%
Other State Revenue	5,876,933	11,230,608	9,390,400	(1,840,208)	-16%
Federal Revenues	3,842,062	6,641,705	6,434,824	(206,881)	-3%
Federal through State (FDEP)	-	758,400	484,774	(273,626)	-36%
<b>SOURCE OF FUND TOTAL</b>	<b>442,018,335</b>	<b>753,457,943</b>	<b>726,245,976</b>	<b>(27,211,967)</b>	<b>-4%</b>

District Revenues include

Ad Valorem	269,056,878	266,942,829	269,572,605
Ag Privilege Tax	11,080,857	10,950,000	10,815,000
Permit & License Fees	24,544,821	12,867,302	7,920,700
Miscellaneous Revenues	21,779,803	42,700,485	41,340,084

### III. BUDGET HIGHLIGHTS

#### 3. Major Source of Funds Variances

##### District Revenues

- Estimated ad valorem revenues in the tentative budget increased by \$2.6 million over the current fiscal year, primarily due to new construction revenue. Adjustments to prior year values resulted in \$2.2 million decrease and new construction is projected to be \$4.8 million in ad valorem taxes.
- Ag privilege tax in the Fiscal Year 2016-17 tentative budget is less than the current amended budget due to deferred taxes on some vegetable acres within the areas covered by the Governor's Executive Order 16-30 for emergency management of heavy rainfall. The proposed budget of \$10.8 million reflects projected agricultural privilege taxes for Fiscal Year 2016-17 of \$11 million, less an estimated \$200,000 which may be deferred for one year. This deferment is subject to Governing Board approval of vegetable acreage applications received by the July 1 statutory deadline.
- The permit, license and fees category contains right of way, water use permit and environmental resource permit fees which are expected to increase by about \$400K. The \$5 million decrease is primarily due to Lake Belt mitigation funds for proposed C-139 Annex restoration, which is being funded with reserves, and reduction of funds for CEMEX land acquisition from \$6.5 to \$4.5 million. Lake Belt mitigation funds are budgeted for activities based on the actions of the Lake Belt Mitigation Committee and the District administers the Lake Belt Mitigation Trust Fund pursuant to Section 373.41495 F.S.
- Miscellaneous revenues reflect a decrease of \$544,319 for leases in Fiscal Year 2016-17, \$1.8 million decrease in the internal service fund insurance premiums and an increase of \$1 million in projected investment earnings for a net reduction of \$1.4 million.

##### Reserves

The designated reserves decreased from Fiscal Year 2015-16 budget to Fiscal Year 2016-17 tentative budget based on updated project needs and timelines for Restoration Strategies, C-111 South, Southern CREW, Ten Mile Creek, Kissimmee River and Everglades Restoration.

##### Debt

The Fiscal Year 2016-17 tentative budget includes no new debt and \$974,057 of prior year COPs proceeds.

##### Local Revenues

Funds expected from cooperative agreements with other Water Management Districts and Miami-Dade County for work being done by the South Florida Water Management District. The funding level is higher by \$83,842 in Fiscal Year 2016-17 than the current amended budget because the Hillsboro project which was done in

### III. BUDGET HIGHLIGHTS

partnership with Broward County was completed and work is expected to begin on Miami-Dade County Cutler Bay Wetlands design.

#### State Revenues

- State general revenues remains at the same level as the current amended budget at \$2 million for C-51 Reservoir Implementation.
- Land Acquisition Trust Fund amount of \$125.4 million budgeted includes \$47.8 million for Northern Everglades and Estuaries Protection Program, \$32 million for Restoration Strategies, \$27.7 million for Lake Hicpochee, Biscayne Bay and Picayune Strand restoration. \$9 million for Lake Okeechobee Protection Plan projects, \$5 million for Dispersed Water Management Program and \$3.8 million for land management. These amounts were appropriated by the state in the Fiscal Year 2016-17 budget and reflect \$7.8 million increase over the current amended budget.
- Water Management Lands Trust Fund includes \$500,000 of state appropriation for C-51 canal. This is an increase of \$401,573 over the \$98,428 remaining funds for Corbett Levee in the current amended budget.
- Florida Forever Trust Fund includes \$2.6 million re-budget of 2015 appropriation which is \$159,797 less than the current amended budget.
- Save Our Everglades Trust Fund includes Fiscal Year 2016-17 state appropriations of \$99.5 million. Of the \$100 million appropriation, \$469,460 was added to the current budget. An additional \$6.5 million is re-budget of prior year appropriations to continue with work in progress. There is \$64.2 million increase of SOETF funds over the current amended budget.
- The budget for Alligator Alley tolls remains at the same level of \$7.1 million based on the amount appropriated by the state.
- Other state revenues decreased by \$1.8 million from the Fiscal Year 2015-16 budget level primarily due to lower remaining amounts on the grant agreement with FDEP for water quality studies and the FFWC \$800K amendment to the Fiscal Year 2015-16 budget for additional task orders.

#### Federal

An NRCS grant for wetland restoration decreased by \$0.3 million from the current budget. There is also \$0.2 million decrease in the EPA grant balance for water quality treatment and testing and a reduction of a \$0.3 million from a FEMA grant for sea level rise. A Department of Interior National Park Service grant for modeling and monitoring for \$0.5 million added in Fiscal Year 2015-16 remains at almost the same level. Federal funds also include an increase of \$0.3 million in projected funds to be reimbursed from the USACE for pumping operations. This increase reflects the calculated revenue based on reimbursement agreements with the USACE for planned activity at various water control structures.



### III. BUDGET HIGHLIGHTS

#### 4. Source of Funds by Program (Actual – Audited)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT  
**SOURCE OF FUNDS BY PROGRAM**  
 Fiscal Year 2014-15 (Actual - Audited)  
 ACTUAL BUDGET - Fiscal Year 2014-15

SOURCE OF FUNDS	Water Resources Planning and Monitoring	Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	District Management and Administration	Fiscal Year 2014-15 (Actual - Audited)
District Revenues	35,272,799	99,768,002	144,730,756	20,707,795	2,257,096	23,725,911	326,462,359
Reserves	-	12,195,625	-	-	-	-	12,195,625
Local Revenues	-	-	359,739	-	-	-	359,739
State General Revenues	-	14,483,132	2,284,587	-	-	-	16,767,719
Water Management Lands Trust Fund	-	-	7,677,970	-	-	-	7,677,970
Florida Forever	-	16,984,718	-	-	-	-	16,984,718
Save Our Everglades Trust Fund	-	43,251,210	-	-	-	-	43,251,210
Alligator Alley Tolls	1,000,000	6,600,000	1,000,000	-	-	-	8,600,000
Other State Revenue	334,565	-	5,541,388	980	-	-	5,876,933
Federal Revenues	-	266,168	3,575,894	-	-	-	3,842,062
<b>SOURCE OF FUND TOTAL</b>	<b>36,607,364</b>	<b>193,548,855</b>	<b>165,170,334</b>	<b>20,708,775</b>	<b>2,257,096</b>	<b>23,725,911</b>	<b>442,018,335</b>

**District Revenues include:**

Ad Valorem	269,056,878
Ag Privilege Tax	11,080,857
Permit & License Fees	24,544,821
Miscellaneous Revenues	21,779,803

### III. BUDGET HIGHLIGHTS

#### 4. Source of Funds by Program (Current Amended)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT  
**SOURCE OF FUNDS BY PROGRAM**  
 Fiscal Year 2015-16 (Current Amended)  
 CURRENT AMENDED - Fiscal Year 2015-16

SOURCE OF FUNDS	Water Resources Planning and Monitoring	Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	District Management and Administration	Fiscal Year 2015-16 (Current Amended)
District Revenues	43,988,685	55,168,359	173,393,079	26,064,361	2,486,043	32,360,089	333,460,616
Reserves	6,468,060	116,199,933	101,162,358	1,249,724	15,000	3,949,511	229,044,586
Local Revenues	-	-	866,158	-	-	-	866,158
State General Revenues	-	2,000,000	-	-	-	-	2,000,000
Land Acquisition Trust Fund	-	106,836,743	10,715,538	-	-	-	117,552,281
Water Management Lands Trust Fund	-	-	98,427	-	-	-	98,427
Florida Forever	-	2,830,125	-	-	-	-	2,830,125
Save Our Everglades Trust Fund	-	41,911,037	-	-	-	-	41,911,037
Alligator Alley Tolls	623,200	5,440,800	1,000,000	-	-	-	7,064,000
Other State Revenue	200,000	1,303,416	9,727,192	-	-	-	11,230,608
Federal Revenues	300,000	3,317,799	3,023,906	-	-	-	6,641,705
Federal through State (FDEP)	-	714,400	44,000	-	-	-	758,400
<b>SOURCE OF FUND TOTAL</b>	<b>51,579,945</b>	<b>335,722,612</b>	<b>300,030,658</b>	<b>27,314,085</b>	<b>2,501,043</b>	<b>36,309,600</b>	<b>753,457,943</b>

**District Revenues include:**

Ad Valorem	266,942,829
Ag Privilege Tax	10,950,000
Permit & License Fees	12,867,302
Miscellaneous Revenues	42,700,485

### III. BUDGET HIGHLIGHTS

#### 4. Source of Funds by Program (Tentative Budget)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT  
**SOURCE OF FUNDS BY PROGRAM**  
 Fiscal Year 2016-17 (Tentative Budget)  
 TENTATIVE BUDGET - Fiscal Year 2016-17

SOURCE OF FUNDS	Water Resources Planning and Monitoring	Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	District Management and Administration	Fiscal Year 2016-17 (Tentative Budget)
District Revenues	42,915,827	50,937,517	177,716,171	24,223,683	1,217,427	32,637,764	329,648,389
Reserves	9,863,225	47,005,411	75,523,070	50,000	-	3,119,842	135,561,548
Local Revenues	-	620,000	330,000	-	-	-	950,000
State General Revenues	-	-	2,000,000	-	-	-	2,000,000
Land Acquisition Trust Fund	-	121,538,034	3,850,000	-	-	-	125,388,034
Water Management Lands Trust Fund	-	-	500,000	-	-	-	500,000
Florida Forever	-	2,670,328	-	-	-	-	2,670,328
Save Our Everglades Trust Fund	-	106,153,679	-	-	-	-	106,153,679
Alligator Alley Tolls	713,621	5,350,379	1,000,000	-	-	-	7,064,000
Other State Revenue	200,000	-	9,190,400	-	-	-	9,390,400
Federal Revenues	64,791	3,407,561	2,960,097	-	-	2,375	6,434,824
Federal through State (FDEP)	-	484,774	-	-	-	-	484,774
<b>SOURCE OF FUND TOTAL</b>	<b>53,757,464</b>	<b>338,167,683</b>	<b>273,069,738</b>	<b>24,273,683</b>	<b>1,217,427</b>	<b>35,759,981</b>	<b>726,245,976</b>

**District Revenues include:**

Ad Valorem	269,572,605
Ag Privilege Tax	10,815,000
Permit & License Fees	7,920,700
Miscellaneous Revenues	41,340,084

### III. BUDGET HIGHLIGHTS

#### 5. Preliminary and Tentative Budget Comparison

##### Budget Highlights

**Table 4. Preliminary and Tentative Budget Comparison**

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT**  
PRELIMINARY AND TENTATIVE BUDGET COMPARISON  
Fiscal Year 2016-17

	Fiscal Year 2016-17 Preliminary Budget	Fiscal Year 2016-17 Tentative Budget	Difference in \$ (Tentative -- Preliminary)	% of Change (Tentative -- Preliminary)
1.0 Water Resources Planning and Monitoring	\$ 45,307,155	\$ 53,757,464	\$ 8,450,309	18.65%
2.0 Acquisition, Restoration and Public Works	\$ 322,319,087	\$ 338,167,683	\$ 15,848,596	4.92%
3.0 Operation and Maintenance of Lands and Works	\$ 263,421,610	\$ 273,069,738	\$ 9,648,128	3.66%
4.0 Regulation	\$ 24,287,276	\$ 24,273,683	\$ (13,593)	-0.06%
5.0 Outreach	\$ 2,293,970	\$ 1,217,427	\$ (1,076,543)	-46.93%
6.0 District Management and Administration	\$ 34,013,706	\$ 35,759,981	\$ 1,746,275	5.13%
<b>TOTAL</b>	<b>\$ 691,642,804</b>	<b>\$ 726,245,976</b>	<b>\$ 34,603,172</b>	<b>5.00%</b>

The Fiscal Year 2016-17 tentative budget is \$726.2 million, which is a \$34.6 million or 5 percent increase from the Fiscal Year 2016-17 preliminary budget of \$691.6 million. The tentative budget includes \$2.0 million of recurring funding for implementation of a performance based bonus in compliance with the District's Merit Bonus Policy section 120-109. The information below explains the differences in each program area between the Fiscal Year 2016-17 preliminary and Fiscal Year 2016-17 tentative. The overall increase is predominately driven by state sources appropriated through the 2016 Legislative session and re-budgeted reserves from the spend down plan.

##### 1.0 Water Resources Planning and Monitoring

The Fiscal Year 2016-17 tentative budget is \$53.7 million, which is an \$8.5 million or 18.65 percent increase from the Fiscal Year 2016-17 preliminary budget of \$45.3 million. Increases are primarily due to \$5.3 million in Interagency Expenditures for stormwater management cost-share construction projects (\$4 million), Big Cypress Basin local partnership project (\$800,000), and Indian River Lagoon National Estuary Program projects (\$500,000); and Contractual Services for the Central Florida Water Initiative (\$3.2 million).

##### 2.0 Acquisition, Restoration and Public Works

The Fiscal Year 2016-17 tentative budget is \$338.2 million, which is a \$15.8 million or 5 percent increase from the Fiscal Year 2016-17 preliminary budget of \$322.3 million. The increase is predominately driven by state sources appropriated by the Legislature to store water north of Lake Okeechobee off-set by projects that were re-budgeted in the preliminary budget but removed from the tentative such as Kissimmee River Restoration and C-111 as funds will be obligated during the 2016 budget.

##### 3.0 Operation and Maintenance of Lands and Works

The Fiscal Year 2016-17 tentative budget is \$273.1 million, which is a \$9.6 million or 4 percent increase from the Fiscal Year 2016-17 preliminary budget of \$263.4 million. The increase is primarily due to the addition of operations and maintenance to the recurring budget (\$5 million) for new structures that fully or partially came on line during the 2016 budget such as A-

### **III. BUDGET HIGHLIGHTS**

1 FEB, L-8 FEB, Picayune Strand Merritt and Faka Union pump stations; heavy equipment replacements (\$2 million); state funds from DEP for C-51 activities (\$2.5 million).

#### **4.0 Regulation**

The Fiscal Year 2016-17 tentative budget is \$24.3 million, which is a \$13,593 or 0.06 percent decrease from the Fiscal Year 2016-17 preliminary budget of \$24.2 million.

#### **5.0 Outreach**

The Fiscal Year 2016-17 tentative budget is \$1.2 million, which is a \$1M or 47 percent decrease from the Fiscal Year 2016-17 preliminary budget of \$2.3 million, primarily due to FTE reductions.

#### **6.0 District Management and Administration**

The Fiscal Year 2016-17 tentative budget is \$35.8 million, which is a \$1.7M or 5 percent increase from the Fiscal Year 2016-17 preliminary budget of \$34 million. Increases are primarily due to \$420,000 in Contracted Services for outside counsel, \$1.6M in Salaries and Benefits costs, offset by a \$321,345 reduction in operating expenses, medical insurance claims, and insurance premiums.

### III. BUDGET HIGHLIGHTS

#### 6. Proposed Millage Rates

Ongoing policy direction is to levy rolled-back millage rates. In accordance with Florida Statute 200.065(1) the rolled-back millage rate is calculated in the following manner:

***Excerpt from subsection 200.065(1) F.S.***

***The form on which the certification is made shall include instructions to each taxing authority describing the proper method of computing a millage rate which, exclusive of new construction, additions to structures, deletions, increases in the value of improvements that have undergone a substantial rehabilitation which increased the assessed value of such improvements by at least 100 percent, property added due to geographic boundary changes, total taxable value of tangible personal property within the jurisdiction in excess of 115 percent of the previous year's total taxable value, and any dedicated increment value, will provide the same ad valorem tax revenue for each taxing authority as was levied during the prior year less the amount, if any, paid or applied as a consequence of an obligation measured by the dedicated increment value. That millage rate shall be known as the "rolled-back rate."***

When certified property values are received from the property appraisers in July, the data from all sixteen counties is compiled and calculated to determine the rolled-back millage rates for District-wide, Okeechobee Basin, Everglades Construction Project and the Big Cypress Basin. The annual property tax cycle known as TRIM (Truth in Millage) as defined by Florida statute begins with the certification of taxable values every July 1<sup>st</sup> so taxing authorities can determine the millage rates to levy ad valorem taxes.

Millage Rate	Fiscal Year 2014-15 Adopted	Fiscal Year 2015-16 Adopted	Fiscal Year 2016-17 Rolled-	Fiscal Year 2016-17 Proposed	% Change from Rolled- Back
District	0.1577	0.1459	0.1359	0.1359	0%
Okeechobee Basin	0.1717	0.1586	0.1477	0.1477	0%
Everglades Construction	0.0548	0.0506	0.0471	0.0471	0%
<b>Total Okeechobee Basin</b>	<b>0.3842</b>	<b>0.3551</b>	<b>0.3307</b>	<b>0.3307</b>	<b>N/A</b>
District	0.1577	0.1459	0.1359	0.1359	0%
Big Cypress Basin	0.1520	0.1429	0.1336	0.1336	0%
<b>Total Big Cypress Basin</b>	<b>0.3097</b>	<b>0.2888</b>	<b>0.2695</b>	<b>0.2695</b>	<b>N/A</b>

Tax levies are set for each of the two basins within the District, the Okeechobee Basin and the Big Cypress Basin. This rate is then combined with an overall "District-at-large" millage rate which determines the total millage to be assessed upon property owners within each basin. The total Okeechobee Basin proposed tax rate is the compilation of the rolled-back rates of 0.3307 mills, which is a decrease of \$2.44 per \$100,000 of taxable value from the prior year adopted millage rates. The total Big Cypress Basin proposed tax rate is the compilation of the rolled-back rates of 0.2695 mills, which is a decrease of \$1.93 per \$100,000 of taxable value from the prior year adopted millage rates.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT  
**THREE-YEAR AD VALOREM TAX COMPARISON**  
Fiscal Years 2014-15, 2015-16 and 2016-17  
Tentative Budget - August 1, 2016

<b>DISTRICT-AT-LARGE</b>			
Ad valorem Tax Comparison	FY 2014-15 (Adopted)	FY 2015-16 (Adopted)	FY 2016-17 (Proposed)
Millage rate	0.1577	0.1459	0.1359
Rolled-back Rate	0.1577	0.1459	0.1359
Percent of Change of Rolled-back Rate	0.0%	0.0%	0.0%
Gross Taxable Value for Operating Purposes	\$741,023,600,280	\$804,273,323,272	\$872,189,226,513
Net New Taxable Value	\$7,925,968,636	\$11,937,536,248	\$15,732,045,563
Adjusted Taxable Value	\$733,097,631,644	\$792,335,787,024	\$856,457,180,950

<b>OKEECHOBEE BASIN</b>			
Ad valorem Tax Comparison	FY 2014-15 (Adopted)	FY 2015-16 (Adopted)	FY 2016-17 (Proposed)
Millage rate	0.1717	0.1586	0.1477
Rolled-back Rate	0.1717	0.1586	0.1477
Percent of Change of Rolled-back Rate	0.0%	0.0%	0.0%
Gross Taxable Value for Operating Purposes	\$676,314,684,004	\$734,019,065,040	\$794,952,699,873
Net New Taxable Value	\$6,857,919,845	\$10,520,383,682	\$13,587,164,018
Adjusted Taxable Value	\$669,456,764,159	\$723,498,681,358	\$781,365,535,855

<b>EVERGLADES CONSTRUCTION PROJECT (OKEECHOBEE BASIN)</b>			
Ad valorem Tax Comparison	FY 2014-15 (Adopted)	FY 2015-16 (Adopted)	FY 2016-17 (Proposed)
Millage rate	0.0548	0.0506	0.0471
Rolled-back Rate	0.0548	0.0506	0.0471
Percent of Change of Rolled-back Rate	0.0%	0.0%	0.0%
Gross Taxable Value for Operating Purposes	\$676,314,684,004	\$734,019,065,040	\$794,952,699,873
Net New Taxable Value	\$6,857,919,845	\$10,520,383,682	\$13,587,164,018
Adjusted Taxable Value	\$669,456,764,159	\$723,498,681,358	\$781,365,535,855

<b>BIG CYPRESS BASIN</b>			
Ad valorem Tax Comparison	FY 2014-15 (Adopted)	FY 2015-16 (Adopted)	FY 2016-17 (Proposed)
Millage rate	0.1520	0.1429	0.1336
Rolled-back Rate	0.1520	0.1429	0.1336
Percent of Change of Rolled-back Rate	0.0%	0.0%	0.0%
Gross Taxable Value for Operating Purposes	\$64,708,916,276	\$70,254,258,232	\$77,236,526,640
Net New Taxable Value	\$1,068,048,791	\$1,417,152,566	\$2,144,881,545
Adjusted Taxable Value	\$63,640,867,485	\$68,837,105,666	\$75,091,645,095

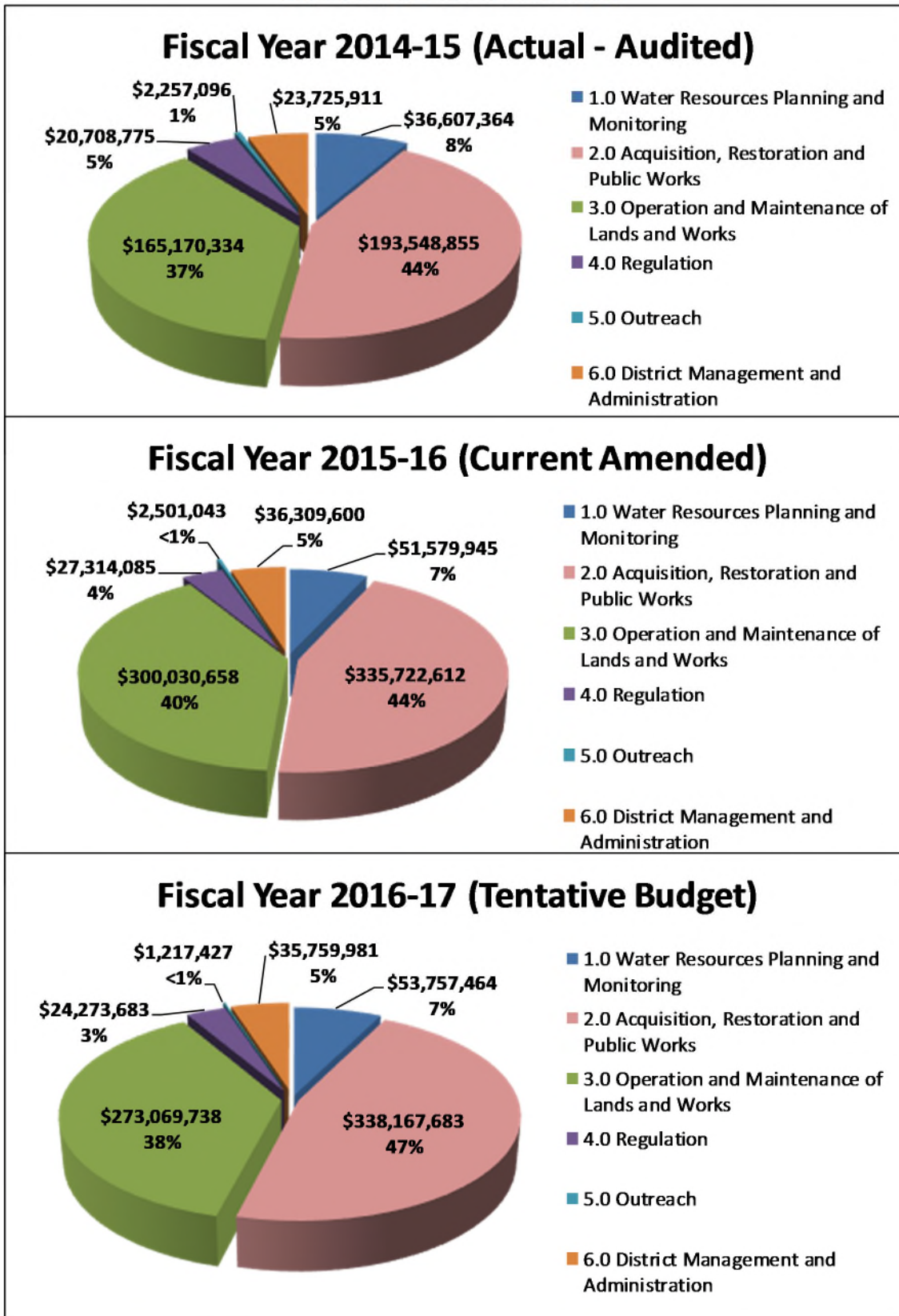
<b>TOTAL OKEECHOBEE BASIN (District-at-Large + Basins)</b>			
Ad valorem Tax Comparison	FY 2014-15 (Adopted)	FY 2015-16 (Adopted)	FY 2016-17 (Proposed)
Millage rate	0.3842	0.3551	0.3307
Rolled-back Rate	0.3842	0.3551	0.3307
Percent of Change of Rolled-back Rate	0.0%	0.0%	0.0%
Gross Taxable Value for Operating Purposes	\$676,314,684,004	\$734,019,065,040	\$794,952,699,873
Net New Taxable Value	\$6,857,919,845	\$10,520,383,682	\$13,587,164,018
Adjusted Taxable Value	\$669,456,764,159	\$723,498,681,358	\$781,365,535,855

<b>TOTAL BIG CYPRESS BASIN (District-at-Large + Basin)</b>			
Ad valorem Tax Comparison	FY 2014-15 (Adopted)	FY 2015-16 (Adopted)	FY 2016-17 (Proposed)
Millage rate	0.3097	0.2888	0.2695
Rolled-back Rate	0.3097	0.2888	0.2695
Percent of Change of Rolled-back Rate	0.0%	0.0%	0.0%
Gross Taxable Value for Operating Purposes	\$64,708,916,276	\$70,254,258,232	\$77,236,526,640
Net New Taxable Value	\$1,068,048,791	\$1,417,152,566	\$2,144,881,545
Adjusted Taxable Value	\$63,640,867,485	\$68,837,105,666	\$75,091,645,095

### III. BUDGET HIGHLIGHTS

#### 7. Three-Year Use of Funds by Program

##### SOUTH FLORIDA WATER MANAGEMENT DISTRICT TENTATIVE BUDGET - Fiscal Year 2016-17 EXPENDITURES BY PROGRAM





**SOUTH FLORIDA WATER MANAGEMENT DISTRICT**  
**THREE-YEAR EXPENDITURE SUMMARY BY PROGRAM**  
Fiscal Years 2014-15 (Actual - Audited) 2015-16 (Current Amended) 2016-17 (Tentative)  
**TENTATIVE BUDGET - Fiscal Year 2016-17**

PROGRAMS, ACTIVITIES AND SUB-ACTIVITIES	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
<b>1.0 Water Resources Planning and Monitoring</b>	<b>\$36,607,364</b>	<b>\$51,579,945</b>	<b>\$53,757,464</b>	<b>\$2,177,519</b>	<b>4.2%</b>
1.1 - District Water Management Planning	12,709,237	26,066,243	29,019,954	2,953,711	11.3%
1.1.1 Water Supply Planning	4,371,632	18,757,319	17,870,068	-887,251	-4.7%
1.1.2 Minimum Flows and Levels	782,452	482,169	501,800	19,631	4.1%
1.1.3 Other Water Resources Planning	7,555,153	6,826,755	10,648,086	3,821,331	56.0%
1.2 - Research, Data Collection, Analysis and Monitoring	21,767,319	22,327,752	21,480,554	-847,198	-3.8%
1.3 - Technical Assistance	321,031	311,466	205,800	-105,666	-33.9%
1.4 - Other Water Resources Planning and Monitoring Activities	0	0	0	0	
1.5 - Technology and Information Services	1,857,888	2,874,484	3,051,156	176,672	6.1%
<b>2.0 Acquisition, Restoration and Public Works</b>	<b>\$193,548,855</b>	<b>\$335,722,612</b>	<b>\$338,167,683</b>	<b>\$2,445,071</b>	<b>0.7%</b>
2.1 - Land Acquisition	0	0	0	0	
2.2 - Water Source Development	1,896,576	10,525,027	6,032,814	-4,492,213	-42.7%
2.2.1 Water Resource Development Projects	308,490	408,762	252,220	-156,542	-38.3%
2.2.2 Water Supply Development Assistance	1,588,086	10,116,265	5,780,594	-4,335,671	-42.9%
2.2.3 Other Water Source Development Activities	0	0	0	0	
2.3 - Surface Water Projects	189,896,985	323,366,280	330,268,043	6,901,763	2.1%
2.4 - Other Cooperative Projects	445,524	396,327	360,754	-35,573	-9.0%
2.5 - Facilities Construction and Major Renovations	6,934	0	0	0	
2.6 - Other Acquisition and Restoration Activities	0	0	0	0	
2.7 - Technology and Information Services	1,302,836	1,434,978	1,506,072	71,094	5.0%
<b>3.0 Operation and Maintenance of Lands and Works</b>	<b>\$165,170,334</b>	<b>\$300,030,658</b>	<b>\$273,069,738</b>	<b>-\$26,960,920</b>	<b>-9.0%</b>
3.1 - Land Management	14,197,376	40,493,763	23,435,316	-17,058,447	-42.1%
3.2 - Works	113,257,415	210,316,259	199,977,498	-10,338,761	-4.9%
3.3 - Facilities	4,088,150	4,441,570	4,096,407	-345,163	-7.8%
3.4 - Invasive Plant Control	19,738,342	27,132,998	25,965,003	-1,167,995	-4.3%
3.5 - Other Operation and Maintenance Activities	4,258,532	5,033,976	4,767,669	-266,307	-5.3%
3.6 - Fleet Services	1,270,572	1,881,199	4,870,665	2,989,466	158.9%
3.7 - Technology and Information Services	8,359,947	10,730,893	9,957,180	-773,713	-7.2%
<b>4.0 Regulation</b>	<b>\$20,708,775</b>	<b>\$27,314,085</b>	<b>\$24,273,683</b>	<b>-\$3,040,402</b>	<b>-11.1%</b>
4.1 - Consumptive Use Permitting	5,041,733	5,895,263	5,336,446	-558,817	-9.5%
4.2 - Water Well Construction Permitting and Contractor Licensing	0	0	0	0	
4.3 - Environmental Resource and Surface Water Permitting	9,270,981	10,199,037	9,064,633	-1,134,404	-11.1%
4.4 - Other Regulatory and Enforcement Activities	4,072,500	8,606,666	7,246,054	-1,360,612	-15.8%
4.5 - Technology and Information Services	2,323,561	2,613,119	2,626,550	13,431	0.5%
<b>5.0 Outreach</b>	<b>\$2,257,096</b>	<b>\$2,501,043</b>	<b>\$1,217,427</b>	<b>-\$1,283,616</b>	<b>-51.3%</b>
5.1 - Water Resource Education	0	0	0	0	
5.2 - Public Information	2,125,121	2,448,637	1,185,927	-1,262,710	-51.6%
5.3 - Public Relations	0	0	0	0	
5.4 - Cabinet & Legislative Affairs	131,975	52,406	31,500	-20,906	-39.9%
5.5 - Other Outreach Activities	0	0	0	0	
5.6 - Technology and Information Services	0	0	0	0	
<i>SUBTOTAL - Major Programs (excluding Management and Administration)</i>	<i>\$418,292,424</i>	<i>\$717,148,343</i>	<i>\$690,485,995</i>	<i>-\$26,662,348</i>	<i>-3.7%</i>
<b>6.0 District Management and Administration</b>	<b>\$23,725,911</b>	<b>\$36,309,600</b>	<b>\$35,759,981</b>	<b>-\$549,619</b>	<b>-1.5%</b>
6.1 - Administrative and Operations Support	18,655,965	29,581,104	29,031,485	-549,619	-1.9%
6.1.1 - Executive Direction	997,271	893,499	569,012	-324,487	-36.3%
6.1.2 - General Counsel / Legal	2,782,125	2,667,064	3,095,838	428,774	16.1%
6.1.3 - Inspector General	824,961	796,594	807,564	10,970	1.4%
6.1.4 - Administrative Support	4,055,946	12,401,777	12,132,279	-269,498	-2.2%
6.1.5 - Fleet Services	0	0	0	0	
6.1.6 - Procurement / Contract Administration	1,990,984	2,151,762	2,024,739	-127,023	-5.9%
6.1.7 - Human Resources	1,314,160	1,392,046	1,375,586	-16,460	-1.2%
6.1.8 - Communications	205,557	336,762	336,546	-216	-0.1%
6.1.9 - Technology and Information Services	6,484,961	8,941,600	8,689,921	-251,679	-2.8%
6.2 - Computer/Computer Support	0	0	0	0	
6.3 - Reserves	0	0	0	0	
6.4 - Other - (Tax Collector / Property Appraiser Fees)	5,069,946	6,728,496	6,728,496	0	0.0%
<b>TOTAL</b>	<b>\$442,018,335</b>	<b>\$753,457,943</b>	<b>\$726,245,976</b>	<b>-\$27,211,967</b>	<b>-3.6%</b>

### **III. BUDGET HIGHLIGHTS**

#### **8. Major Use of Funds Variances**

##### **1.0 Water Resources Planning and Monitoring**

The Fiscal Year 2016-17 tentative budget is \$53.7 million, which is a \$2.2 million or 4.2 percent increase from the Fiscal Year 2015-16 amended budget of \$51.6 million. The increase is primarily due to \$4 million in Interagency Expenditures (Cooperative Funding) for stormwater management cost-share construction projects. There is a decrease of \$732,791 in Salary and Benefits costs.

##### **2.0 Acquisition, Restoration and Public Works**

The Fiscal Year 2016-17 tentative budget is \$338.2 million, which is a \$2.4 million or 0.7 percent increase from the Fiscal Year 2015-16 amended budget of \$335.7 million. Significant increase of \$6.9 million within Surface Water Projects, including Restoration Strategies, CERP, NEEPP, and Kissimmee River Restoration projects, due to increases in one-time and recurring LATF and SOETF funding, as well as an increase in local revenues, offset by reductions in reserves, federal revenue, District revenue, and other state funding. A decrease of \$4.5 million within Water Resource Development, including the Cooperative Funding Program and Big Cypress Basin Alternative Water Supply Projects, is due to reductions in reserves and District revenue funding. There is a decrease of \$2.2 million in Salary and Benefits costs.

##### **3.0 Operation and Maintenance of Lands and Works**

The Fiscal Year 2016-17 tentative budget is \$273.1 million, which is a decrease of \$27.0 million or 9 percent decrease from the Fiscal Year 2015-16 amended budget of \$300.0 million. This is primarily due to a one time operating transfer within the mitigation funds, a reduction in O&M operational costs and an overall decrease in benefits costs. Additional decreases are due to the reduction in Land Acquisition using Lake Belt Mitigation funds.

##### **4.0 Regulation**

The Fiscal Year 2016-17 tentative budget is \$24.3 million, which is a \$3.0 million or 11.1 percent decrease from the Fiscal Year 2015-16 amended budget of \$27.3 million. The overall decrease is attributable to a \$2.0 million reduction in Salary and Benefits costs and a reduction in annual need for nutrient source control and IT contracts.

##### **5.0 Outreach**

The Fiscal Year 2016-17 tentative budget is \$1.2 million, which is a \$1.3M or 51.3 percent decrease from the Fiscal Year 2015-16 amended budget due to a decrease in Salary and Benefits costs.

##### **6.0 District Management and Administration**

The Fiscal Year 2016-17 tentative budget is \$35.8 million, which is a \$549,619 or 1.5 percent decrease from the Fiscal Year 2015-16 amended budget of \$36.3 million. This decrease is due primarily to a decrease in Salary and Benefits costs and a reduction in health and property insurance costs.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### A. Program and Activity Definitions, Descriptions, and Budget

This section presents the South Florida Water Management District's budget by programs and activities defined by the Governor's Office. Each activity includes expenditure and budget summary, general description, changes and trends, major budget items and budget variances. The budget variance compares the Fiscal Year 2015-16 amended budget with the Fiscal Year 2016-17 tentative budget. The salaries and benefits budget decreased by \$8.2M due to FTE reductions, but includes \$2.0 million of recurring funding for implementation of a performance based bonus in compliance with the District's Merit Bonus Policy section 120-109.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17  
TENTATIVE BUDGET - Fiscal Year 2016-17

##### ALL PROGRAMS

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
1.0 Water Resources Planning and Monitoring	\$ 38,506,734	\$ 39,390,836	\$ 36,607,364	\$ 51,579,945	\$ 53,757,464	\$ 2,177,519	4.2%
2.0 Acquisition, Restoration and Public Works	\$ 93,347,924	\$ 171,809,107	\$ 193,548,855	\$ 335,722,612	\$ 338,167,683	\$ 2,445,071	0.7%
3.0 Operation and Maintenance of Lands and Works	\$ 177,590,363	\$ 169,824,398	\$ 165,170,334	\$ 300,030,658	\$ 273,069,738	\$ (26,960,920)	-9.0%
4.0 Regulation	\$ 22,805,509	\$ 21,592,269	\$ 20,708,775	\$ 27,314,085	\$ 24,273,683	\$ (3,040,402)	-11.1%
5.0 Outreach	\$ 2,557,377	\$ 2,400,456	\$ 2,257,096	\$ 2,501,043	\$ 1,217,427	\$ (1,283,616)	-51.3%
6.0 District Management and Administration	\$ 28,979,987	\$ 26,905,193	\$ 23,725,911	\$ 36,309,600	\$ 35,759,981	\$ (549,619)	-1.5%
<b>TOTAL</b>	<b>\$ 363,787,894</b>	<b>\$ 431,922,259</b>	<b>\$ 442,018,335</b>	<b>\$ 753,457,943</b>	<b>\$ 726,245,976</b>	<b>\$ (27,211,967)</b>	<b>-3.6%</b>

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 137,312,420	\$ 142,377,472	\$ 136,653,871	\$ 152,792,282	\$ 144,598,781	\$ (8,193,501)	-5.4%
Other Personal Services	\$ 19,616,755	\$ 2,480,715	\$ 521,715	\$ 253,263	\$ 299,775	\$ 46,512	18.4%
Contracted Services	\$ -	\$ 22,032,253	\$ 23,480,360	\$ 65,194,491	\$ 86,921,091	\$ 21,726,600	33.3%
Operating Expenses	\$ 100,583,169	\$ 82,882,597	\$ 78,320,250	\$ 124,845,093	\$ 121,608,436	\$ (3,236,657)	-2.6%
Operating Capital Outlay	\$ 15,631,525	\$ 15,409,229	\$ 23,339,521	\$ 17,438,271	\$ 22,244,316	\$ 4,806,045	27.6%
Fixed Capital Outlay	\$ 32,743,331	\$ 112,617,450	\$ 127,532,628	\$ 272,498,461	\$ 241,591,826	\$ (30,906,635)	-11.3%
Interagency Expenditures (Cooperative Funding)	\$ 15,763,740	\$ 12,048,105	\$ 10,113,543	\$ 18,389,434	\$ 16,936,488	\$ (1,452,946)	-7.9%
Debt	\$ 42,136,954	\$ 42,074,438	\$ 42,056,447	\$ 42,030,910	\$ 32,029,525	\$ (10,001,385)	-23.8%
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ 60,015,738	\$ 60,015,738	\$ -	0.0%
<b>TOTAL</b>	<b>\$ 363,787,894</b>	<b>\$ 431,922,259</b>	<b>\$ 442,018,335</b>	<b>\$ 753,457,943</b>	<b>\$ 726,245,976</b>	<b>\$ (27,211,967)</b>	<b>-3.6%</b>

##### SOURCE OF FUNDS

Fiscal Year 2016-17

	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Salaries and Benefits	\$ 141,032,844	\$ 685,087	\$ -	\$ 100,800	\$ 992,246	\$ 1,787,804	\$ 144,598,781
Other Personal Services	\$ 299,775	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 299,775
Contracted Services	\$ 14,006,549	\$ 13,779,678	\$ -	\$ -	\$ 55,878,280	\$ 3,256,584	\$ 86,921,091
Operating Expenses	\$ 99,990,890	\$ 6,307,477	\$ -	\$ 229,200	\$ 13,235,873	\$ 1,844,996	\$ 121,608,436
Operating Capital Outlay	\$ 7,612,473	\$ 6,973,019	\$ -	\$ 620,000	\$ 7,030,540	\$ 8,284	\$ 22,244,316
Fixed Capital Outlay	\$ 30,919,936	\$ 35,189,423	\$ -	\$ -	\$ 175,482,467	\$ -	\$ 241,591,826
Interagency Expenditures (Cooperative Funding)	\$ 4,730,454	\$ 11,637,069	\$ -	\$ -	\$ 547,035	\$ 21,930	\$ 16,936,488
Debt	\$ 31,055,468	\$ 974,057	\$ -	\$ -	\$ -	\$ -	\$ 32,029,525
Reserves - Emergency Response	\$ -	\$ 60,015,738	\$ -	\$ -	\$ -	\$ -	\$ 60,015,738
<b>TOTAL</b>	<b>\$ 329,648,389</b>	<b>\$ 135,561,548</b>	<b>\$ -</b>	<b>\$ 950,000</b>	<b>\$ 253,166,441</b>	<b>\$ 6,919,598</b>	<b>\$ 726,245,976</b>

##### RATE, OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Workforce	Rate (Salary without benefits)	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	1,475	\$ 100,269,972	\$ 144,598,781	\$ -	\$ 144,598,781
Other Personal Services	4	\$ 299,775	\$ 299,775	\$ -	\$ 299,775
Contracted Services	-	\$ -	\$ 19,589,802	\$ 67,331,289	\$ 86,921,091
Operating Expenses			\$ 115,285,959	\$ 6,322,477	\$ 121,608,436
Operating Capital Outlay			\$ 9,120,757	\$ 13,123,559	\$ 22,244,316
Fixed Capital Outlay			\$ 83,686,782	\$ 157,905,044	\$ 241,591,826
Interagency Expenditures (Cooperative Funding)			\$ 5,224,419	\$ 11,712,069	\$ 16,936,488
Debt			\$ 31,055,468	\$ 974,057	\$ 32,029,525
Reserves - Emergency Response			\$ -	\$ 60,015,738	\$ 60,015,738
<b>TOTAL</b>			<b>\$ 408,861,743</b>	<b>\$ 317,384,233</b>	<b>\$ 726,245,976</b>

##### WORKFORCE

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

WORKFORCE CATEGORY	Fiscal Year					Current to Tentative 2015-16 to 2016-17	
	2012-13	2013-14	2014-15	2015-16	2016-17	Difference	% Change
Authorized Positions	1620	1588	1530	1530	1475	(55)	-3.6%
Contingent Worker	0	0	0	0	0	-	
Other Personal Services	29	20	8	5	4	(1)	-20.00%
Intern	0	0	0	0	0	-	
Volunteer	0	0	0	0	0	-	
<b>TOTAL WORKFORCE</b>	<b>1649</b>	<b>1608</b>	<b>1538</b>	<b>1535</b>	<b>1479</b>	<b>(56)</b>	<b>-3.65%</b>

See the Program and Activity information that follows for details regarding the six program areas that comprise this budget.

**South Florida Water Management District  
NEW ISSUES - REDUCTION SUMMARY  
Fiscal Year 2016-17  
Tentative Budget - August 1, 2016**

	1.0 Water Resources Planning and Monitoring	2.0 Acquisition, Restoration and Public Works	3.0 Operation and Maintenance of Lands and Works	4.0 Regulation	5.0 Outreach	6.0 District Management and Administration	TOTAL
<b>Reductions</b>							
Salaries and Benefits	(732,791)	(2,163,208)	(1,999,333)	(2,038,193)	(117,844)	(1,525,203)	(8,576,572)
Other Personal Services	0	0	0	0	0	0	0
Contracted Services	(3,901,289)	(14,912,097)	(13,089,823)	(569,064)	(600)	(661,700)	(33,134,573)
Operating Expenses	(895,397)	(2,698,291)	(8,163,764)	(504,301)	(1,000)	(819,603)	(13,082,356)
Operating Capital Outlay	0	(3,965,250)	(4,366,800)	0	0	0	(8,332,050)
Fixed Capital Outlay	0	(65,296,573)	(23,531,888)	0	0	0	(88,828,461)
Interagency Expenditures (Cooperative Funding)	(1,309,853)	(5,933,918)	(13,000)	0	0	0	(7,256,771)
Debt	0	(23,000,372)	(6,865,538)	0	0	0	(29,865,910)
Reserves - Emergency Response	0	0	0	0	0	0	0
	<b>(6,839,330)</b>	<b>(117,969,709)</b>	<b>(58,030,146)</b>	<b>(3,111,558)</b>	<b>(119,444)</b>	<b>(3,006,506)</b>	

<b>New Issues</b>							
Salaries and Benefits	0	0	383,071	0	0	0	383,071
Other Personal Services	38,476	0	0	8,036	0	0	46,512
Contracted Services	3,503,266	46,756,315	3,948,993	0	2,000	650,599	54,861,173
Operating Expenses	278,282	176,712	9,071,413	63,120	2,980	253,192	9,845,699
Operating Capital Outlay	333,600	5,651,274	6,769,277	0	0	383,944	13,138,095
Fixed Capital Outlay	0	47,025,354	10,896,472	0	0	0	57,921,826
Interagency Expenditures (Cooperative Funding)	4,863,225	940,600	0	0	0	0	5,803,825
Debt	0	19,864,525	0	0	0	0	19,864,525
Reserves - Emergency Response	0	0	0	0	0	0	0
	<b>9,016,849</b>	<b>120,414,780</b>	<b>31,069,226</b>	<b>71,156</b>	<b>4,980</b>	<b>1,287,735</b>	

	1.0 Water Resources Planning and Monitoring	2.0 Acquisition, Restoration and Public Works	3.0 Operation and Maintenance of Lands and Works	4.0 Regulation	5.0 Outreach	6.0 District Management and Administration	TOTAL
<b>NET CHANGE</b>							
Salaries and Benefits	(732,791)	(2,163,208)	(1,616,262)	(2,038,193)	(117,844)	(1,525,203)	(8,193,501)
Other Personal Services	38,476	0	0	8,036	0	0	46,512
Contracted Services	(398,023)	31,844,218	(9,140,830)	(569,064)	1,400	(11,101)	21,726,600
Operating Expenses	(617,115)	(2,521,579)	907,649	(441,181)	1,980	(566,411)	(3,236,657)
Operating Capital Outlay	333,600	1,686,024	2,402,477	0	0	383,944	4,806,045
Fixed Capital Outlay	0	(18,271,219)	(12,635,416)	0	0	0	(30,906,635)
Interagency Expenditures (Cooperative Funding)	3,553,372	(4,993,318)	(13,000)	0	0	0	(1,452,946)
Debt	0	(3,135,847)	(6,865,538)	0	0	0	(10,001,385)
Reserves - Emergency Response	0	0	0	0	0	0	0
	<b>2,177,519</b>	<b>2,445,071</b>	<b>(26,960,920)</b>	<b>(3,040,402)</b>	<b>(114,464)</b>	<b>(1,718,771)</b>	

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 1.0 Water Resources Planning and Monitoring

This program includes all water management planning, including water supply planning, development of minimum flows and levels, and other water resources planning; research, data collection, analysis, and monitoring; and technical assistance (including local and regional plan and program review). The overall reduction of authorized FTEs to 1475 has resulted in a decrease in salary and benefit costs in this program.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 1.0 Water Resources Planning and Monitoring

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 23,016,106	\$ 25,744,504	\$ 23,993,825	\$ 24,669,889	\$ 23,937,098	\$ (732,791)	-3.0%
Other Personal Services	\$ 2,825,606	\$ 415,455	\$ 227,036	\$ 94,138	\$ 132,614	\$ 38,476	40.9%
Contracted Services	\$ -	\$ 1,712,356	\$ 1,979,641	\$ 5,314,667	\$ 4,916,644	\$ (398,023)	-7.5%
Operating Expenses	\$ 4,272,860	\$ 3,629,036	\$ 3,383,469	\$ 15,133,563	\$ 14,516,448	\$ (617,115)	-4.1%
Operating Capital Outlay	\$ 205,239	\$ 201,512	\$ 288,137	\$ 114,300	\$ 447,900	\$ 333,600	291.9%
Fixed Capital Outlay	\$ 236,834	\$ 19,700	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ 7,950,089	\$ 7,668,273	\$ 6,735,256	\$ 6,253,388	\$ 9,806,760	\$ 3,553,372	56.8%
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 38,506,734</b>	<b>\$ 39,390,836</b>	<b>\$ 36,607,364</b>	<b>\$ 51,579,945</b>	<b>\$ 53,757,464</b>	<b>\$ 2,177,519</b>	<b>4.2%</b>

#### SOURCE OF FUNDS

Fiscal Year 2016-17

	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Salaries and Benefits	\$ 23,615,575	\$ -	\$ -	\$ -	\$ 257,016	\$ 64,507	\$ 23,937,098
Other Personal Services	\$ 132,614	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 132,614
Contracted Services	\$ 1,411,237	\$ 3,364,649	\$ -	\$ -	\$ 140,474	\$ 284	\$ 4,916,644
Operating Expenses	\$ 13,848,545	\$ 563,807	\$ -	\$ -	\$ 104,096	\$ -	\$ 14,516,448
Operating Capital Outlay	\$ 131,600	\$ 316,300	\$ -	\$ -	\$ -	\$ -	\$ 447,900
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ 3,776,256	\$ 5,618,469	\$ -	\$ -	\$ 412,035	\$ -	\$ 9,806,760
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 42,915,827</b>	<b>\$ 9,863,225</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 913,621</b>	<b>\$ 64,791</b>	<b>\$ 53,757,464</b>

#### RATE, OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Workforce	Rate (Salary without benefits)	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	232	\$ 17,032,921	\$ 23,937,098	\$ -	\$ 23,937,098
Other Personal Services	1	\$ 132,614	\$ 132,614	\$ -	\$ 132,614
Contracted Services	-	\$ -	\$ 1,551,995	\$ 3,364,649	\$ 4,916,644
Operating Expenses			\$ 13,952,641	\$ 563,807	\$ 14,516,448
Operating Capital Outlay			\$ 131,600	\$ 316,300	\$ 447,900
Fixed Capital Outlay			\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)			\$ 4,188,291	\$ 5,618,469	\$ 9,806,760
Debt			\$ -	\$ -	\$ -
Reserves - Emergency Response			\$ -	\$ -	\$ -
<b>TOTAL</b>			<b>\$ 43,894,239</b>	<b>\$ 9,863,225</b>	<b>\$ 53,757,464</b>

#### WORKFORCE

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

WORKFORCE CATEGORY	Fiscal Year					Current to Tentative 2015-16 to 2016-17	
	2012-13	2013-14	2014-15	2015-16	2016-17	Difference	% Change
Authorized Positions	264	258	251	238	232	(6)	-2.52%
Contingent Worker	0	0	0	0	0	-	-
Other Personal Services	6	5	4	2	1	(1)	-50.0%
Intern	0	0	0	0	0	-	-
Volunteer	0	0	0	0	0	-	-
<b>TOTAL WORKFORCE</b>	<b>270</b>	<b>263</b>	<b>255</b>	<b>240</b>	<b>233</b>	<b>(7)</b>	<b>-2.92%</b>

**South Florida Water Management District**  
**REDUCTIONS - NEW ISSUES**  
**1.0 Water Resources Planning and Monitoring**  
**Fiscal Year 2016-17**  
**Tentative Budget - August 1, 2016**

FY 2015-16 Budget (Current-Amended)				237.50	\$	51,579,945	
Reductions							
Issue	Description	Issue Amount	Workforce	Category	Subtotal	Issue Narrative	
Salaries and Benefits			(5.70)		(732,791)		
1	Decrease in Total Salaries and Wages	(228,413)	(5.70)				
2	Decrease in Total Fringe Benefits	(504,378)					
Other Personal Services		-	-		-		
Contracted Services					(3,901,289)		
3	Decrease in Adaptation to Sea Level Rise	(75,000)					
4	Decrease in CFWI (Central FL Water Initiative)	(3,071,500)					
5	Decrease in Cont Serv - Advertising Services	(250)					
6	Decrease in Cont Serv - External Provider	(122,534)					
7	Decrease in Cont Serv - IT Consulting Svcs (Non-Op)	(47,357)					
8	Decrease in Cont Serv - Stream Gauging Services	(12,550)					
9	Decrease in FY16 H&H Stds, Best Practice Review	(30,000)					
10	Decrease in FY16 Flow Rate Analysis	(164,098)					
11	Decrease in AS FY16 Ecological Support	(28,000)					
12	Decrease in LOS Sea Level Rise Grant Pilot	(300,000)					
13	Decrease in So. Everglades Landscape Analysis	(50,000)					
Operating Expenses					(895,397)		
14	Decrease in Operating Expenses	(9,000)					
15	Decrease in Cont Serv - Government Provider	(75,988)					
16	Decrease in Cont Serv - Mail/Courier	(2,667)					
17	Decrease in Cont Serv - Maint & Repairs - Hardware	(25,707)					
18	Decrease in Cont Serv - Maint & Repairs - Vehicles	(2,500)					
19	Decrease in ISF - Medical Claims Paid	(652,440)					
20	Decrease in ISF - Medical/Life Insurance - Retirees	(97,200)					
21	Decrease in Operating Expenses	(759)					
22	Decrease in Oper Expense - District Travel	(634)					
23	Decrease in Oper Expense - Freight	(250)					
24	Decrease in Operating Expenses	(1,031)					
25	Decrease in Oper Expense - Parts and Supplies	(7,397)					
26	Decrease in Oper Expense - Parts, Supp - Lab	(4,502)					
27	Decrease in Oper Expense - Tools/Equipment/PPE	(2,300)					
28	Decrease in Operating Expenses	(1,841)					
29	Decrease in AS FY16 Eco Supp for System Ops	(11,181)					
Operating Capital Outlay					-		
Fixed Capital Outlay					-		
Interagency Expenditures (Cooperative Funding)					(1,309,853)		
30	Decrease in Collier Co Groundwater Monitoring	(75,000)					
31	Decrease in Florida Bay and Coastal Wetlands Project	(2,820)					
32	Decrease in Martin Cty IRL Tag Projects	(40,858)					
33	Decrease in Oper Expense - Interagency Federal Matching	(500,000)					
34	Decrease in Oper Expense - Interagency Local	(533,118)					
35	Decrease in Oper Expense - Interagency Public Univ	(38,040)					
36	Decrease in Oper Expense - Interagency State of FL	(1,803)					
37	Decrease in Palm Beach Cnty IRL Tag Projects	(86,934)					
38	Decrease in St. Lucie Cnty IRL Tag Program	(31,280)					
Debt					-		
Reserves					-		
<b>TOTAL REDUCTIONS</b>			<b>(5.70)</b>		<b>(6,839,330)</b>		

**South Florida Water Management District**  
**REDUCTIONS - NEW ISSUES**  
**1.0 Water Resources Planning and Monitoring**  
**Fiscal Year 2016-17**  
**Tentative Budget - August 1, 2016**

New Issues					Issue Narrative
Issue	Description	Issue Amount	Workforce	Category Subtotal	
Salaries and Benefits		-		-	The overall reduction of authorized FTEs to 1475 has resulted in a decrease in salary and benefit costs in this program of \$732,791 due to the reduction of 5.7 FTEs.
Other Personal Services		-		38,476	Increased cost of contractual services
1	Increase in Cont Serv - External Provider (OPS)	38,476			
Contracted Services				3,503,266	Overall decrease of \$398,023. Increase primarily due to rebudgeting of Central Florida Water Initiative (CFWI) funding.
2	Increase in CERP Monitoring & Assess Plan PARNT	24,000			
3	Increase in Florida Bay and Coastal Wetlands Project	5,619			
4	Increase in FY17 Lake Okeechobee Ecological Assess	25,900			
5	Increase in AS FY17 Ecological Supp for System Ops	28,000			
6	Increase in FY17 HH FLW RT PRGM	164,098			
7	Increase in FY17 HH Std Prac RVW	30,000			
8	Increase in CFWI Regional Water Supply Plan Update	3,225,649			
Operating Expenses				278,282	Overall decrease of \$617,115. Increases reflect monitoring baseline water quality conditions in the Big Cypress Basin, Lake Okeechobee Ecological Assessment parts and supplies, and Ecological Support for System Operations maintenance and supplies.
9	Increase in Cont Serv - Ext Education Outreach & Public	9,000			
10	Increase in Cont Serv - Maint & Repairs - Computer	48,957			
11	Increase in Cont Serv - Maintenance and Repairs	5,338			
12	Increase in Operating Expenses	1,051			
13	Increase in Oper Expense - District Uniforms	754			
14	Increase in Oper Expense - Printing Services Non-Outreach	1,600			
15	Increase in Operating Expenses	11,088			
16	Increase in Oper Expense - Self-Insurance Charges	4,659			
17	Increase in Oper Expense - Space Rental	7,124			
18	Increase in Oper Expense - Travel for Training	1,215			
19	Increase in Loxahatchee Science Plan Support	2,500			
20	Increase in FY17 Lake Okeechobee Ecological Assess	23,815			
21	Increase in AS FY17 Ecological Supp for System Ops	11,181			
22	Increase in BCB WQ Monitoring	150,000			
Operating Capital Outlay				333,600	Increase includes site preparation for Boma improvements with a small decrease in Ten Mile Creek water quality field equipment.
23	Increase in Capital Outlay - AUC Site Preparation	316,300			
24	Increase in Capital Outlay - Equipment Water	17,300			
Fixed Capital Outlay				-	
Interagency Expenditures (Cooperative Funding)				4,863,225	\$4M of Cooperative Funding Program that may be allocated to stormwater projects. \$800K for Collier County weir replacement water project.
25	Increase in CERP Monitoring & Assess Plan	192			
26	Increase in Florida Bay and Coastal Wetlands Project	13,033			
27	Increase in BCB Locl Partnership	800,000			
28	Increase in FY16Stormwater CFP	4,000,000			
29	Increase in Lake Trafford	50,000			
Debt				-	
Reserves				-	
<b>TOTAL NEW ISSUES</b>		<b>0.00</b>		<b>9,016,849</b>	
<b>1.0 Water Resources Planning and Monitoring</b>					
<b>Total Workforce and Tentative Budget for FY 2016-17</b>			<b>231.80</b>	<b>\$ 53,757,464</b>	

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 1.1 District Water Management Planning

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT

##### ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 1.1 District Water Management Planning

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 6,762,648	\$ 7,016,965	\$ 6,973,400	\$ 7,029,079	\$ 6,644,551	\$ (384,528)	-5.5%
Other Personal Services	\$ 910,170	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ 695,368	\$ 736,947	\$ 3,592,788	\$ 3,736,806	\$ 144,018	4.0%
Operating Expenses	\$ 1,024,920	\$ 314,787	\$ 310,078	\$ 11,588,081	\$ 10,872,979	\$ (715,102)	-6.2%
Operating Capital Outlay	\$ 14,759	\$ 36,456	\$ 3,094	\$ 3,500	\$ 319,800	\$ 316,300	9037.1%
Fixed Capital Outlay	\$ 226,501	\$ 19,700	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ 5,485,012	\$ 5,456,015	\$ 4,685,718	\$ 3,852,795	\$ 7,445,818	\$ 3,593,023	93.3%
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 14,424,010</b>	<b>\$ 13,539,291</b>	<b>\$ 12,709,237</b>	<b>\$ 26,066,243</b>	<b>\$ 29,019,954</b>	<b>\$ 2,953,711</b>	<b>11.3%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 18,939,836	\$ 9,366,497	\$ -	\$ -	\$ 713,621	\$ -	\$ 29,019,954

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 6,644,551	\$ -	\$ 6,644,551
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 396,157	\$ 3,340,649	\$ 3,736,806
Operating Expenses	\$ 10,781,900	\$ 91,079	\$ 10,872,979
Operating Capital Outlay	\$ 3,500	\$ 316,300	\$ 319,800
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ 1,827,349	\$ 5,618,469	\$ 7,445,818
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 19,653,457</b>	<b>\$ 9,366,497</b>	<b>\$ 29,019,954</b>



## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 1.1.1. Water Supply Planning

**District Description:** Five planning areas, which together encompass the entire District, address the unique resources and needs of each region. Regional water supply plans have been prepared and approved by the Governing Board for these areas. The water supply plans forecast water demands over a 20-year planning horizon, and identify recommended sources and projects to satisfy those demands. Implementation of recommendations is essential to ensuring that sufficient quantities of water will be available.

The plans identify a series of water source options for each of the areas of concern in the regions. The options are as prescribed by Section 373.709, F.S., Regional Water Supply Planning, and include traditional and alternative water supply projects, including water conservation, to meet the future urban, agricultural and natural systems needs of each region. The District is implementing its updated regional water supply plans which are updated every five years to maintain a 20-year planning horizon. The Upper East Coast Plan, approved by the Governing Board in Fiscal Year 2010-11 was updated in Fiscal Year 2015-16. The Lower West Coast Plan update began in Fiscal Year 2014-15 and is scheduled for completion in Fiscal Year 2017-18. The Lower East Coast Plan update was approved in Fiscal Year 2012-13, and the Lower Kissimmee Basin Water Supply Plan was approved in Fiscal Year 2014-15. The District's Upper Kissimmee Basin is included in the Central Florida Water Initiative (CFWI) planning area. The CFWI is a collaborative effort between three water management districts with other agencies and stakeholders to address current and long-term water supply needs in a five-county area of Central Florida where the three district's boundaries meet. In November, 2015, the governing boards of the three Districts approved the 2015 CFWI RWSP, including the 2035 Water Resources Protection and Water Supply Strategies Plan.

The water supply plans purpose is to identify programs and projects to ensure that adequate and sustainable water supplies are available to meet future water supply needs while protecting the environment and water supplies. Water supply plans are required to identify specific water resource and water supply development projects to meet future demands. Local governments are required to adopt water supply facilities work plans and incorporate them into their comprehensive plans within 18 months of the respective regional water supply plan update being approved. The water supply facilities work plans are then reviewed for their consistency with the water supply plans. All proposed comprehensive plan amendments are reviewed to ensure that there is sufficient water for the proposed amendment as well as all the local government's other demands.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### SOUTH FLORIDA WATER MANAGEMENT DISTRICT SUBACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 1.1.1 Water Supply Planning

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 3,761,451	\$ 3,862,552	\$ 3,574,821	\$ 3,625,753	\$ 3,456,993	\$ (168,760)	-4.7%
Other Personal Services	\$ 709,229	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ 380,897	\$ 269,952	\$ 3,336,183	\$ 3,417,332	\$ 81,149	2.4%
Operating Expenses	\$ 865,958	\$ 106,770	\$ 87,404	\$ 11,340,319	\$ 10,540,679	\$ (799,640)	-7.1%
Operating Capital Outlay	\$ 11,238	\$ 18,155	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ 223,526	\$ 19,700	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ 463,280	\$ 416,337	\$ 439,455	\$ 455,064	\$ 455,064	\$ -	0.0%
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 6,034,682</b>	<b>\$ 4,804,411</b>	<b>\$ 4,371,632</b>	<b>\$ 18,757,319</b>	<b>\$ 17,870,068</b>	<b>\$ (887,251)</b>	<b>-4.7%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 14,649,419	\$ 3,220,649	\$ -	\$ -	\$ -	\$ -	\$ 17,870,068

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 3,456,993	\$ -	\$ 3,456,993
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 216,683	\$ 3,200,649	\$ 3,417,332
Operating Expenses	\$ 10,540,679	\$ -	\$ 10,540,679
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ 435,064	\$ 20,000	\$ 455,064
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 14,649,419</b>	<b>\$ 3,220,649</b>	<b>\$ 17,870,068</b>

**Changes and Trends:** Updates to the District's regional water supply plans have been initiated or planned. The schedule for completion of the five year updates are: Lower West Coast in Fiscal Year 2017-18; Lower East Coast in Fiscal Year 2018-19; Lower Kissimmee Basin in Fiscal Year 2019-20; CFWI in Fiscal Year 2020-21; and Upper East Coast in Fiscal Year 2020-21.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents a decrease of \$887,251 from the Fiscal Year 2015-16 amended budget, primarily due to an \$800K reduction in operating expenses for the medical claims budget and hydrogeologic data gathering. Salaries and benefits cost decreased by \$168,760.

**Major Budget Items:** The Fiscal Year 2016-17 tentative budget includes Central Florida Water Initiative (CFWI) contracted services (\$3.77M), Water Hydrogeologic Data Gathering (\$1.4 million), including Fort Lauderdale USGS Ground Water Core Network (\$313,002), Orlando USGS Ground Water Core Network (\$95,380), and Emergency Well Head Repairs (\$50,000); Water Supply Plan Development (\$1.3 million); Sub Regional Water Supply Modeling (\$525,533), including Ground Water Model Peer Reviews (\$75,000).

Items funded with reserves without restrictions include CFWI contracted services and a cooperative agreement for Managing Forests for Increased Water Yield.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 1.1.2 Minimum Flows and Levels

**District Description:** Minimum Flows and Levels (MFLs) are intended to provide a tool for both planning and allocation of water by identifying the point at which further withdrawals will cause significant harm to the state's surface water and groundwater resources. MFLs are measured as levels in lakes, wetlands and aquifers, and as flows in rivers, streams, and estuaries. MFL criteria are adopted by rule [Section 373.042, Florida Statutes (FS)]. For waterbodies that do not currently meet the MFL criteria, each Water Management District must develop a Recovery Plan, which outlines a strategy to meet MFL criteria. A Prevention Plan also must be developed if it is expected that an MFL will not be met within the next 20-year planning horizon [subsection 373.0421(2), FS].

To date, 40 MFLs have been adopted within District boundaries. In 2001, MFLs were adopted for the Caloosahatchee River, Lake Okeechobee, Everglades (Water Conservation Areas 1, 2 and 3, Everglades National Park, and the Rotenberger and Holey Land Wildlife Management Areas), Biscayne Aquifer, and Lower West Coast Aquifers (Tamiami, Sandstone, and Mid-Hawthorn). In 2002, an MFL was adopted for the St. Lucie Estuary, and in 2003 an MFL was adopted for the Northwest Fork of the Loxahatchee River. In 2006, MFLs were adopted for Lake Istokpoga and Florida Bay. The District has adopted a number of water reservation rules and restricted allocation area rules, as discussed below, to provide resource protection to multiple waterbodies since 2006.

### SOUTH FLORIDA WATER MANAGEMENT DISTRICT SUBACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17  
TENTATIVE BUDGET - Fiscal Year 2016-17

#### 1.1.2 Minimum Flows and Levels

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 651,093	\$ 728,302	\$ 724,568	\$ 399,669	\$ 361,800	\$ (37,869)	-9.5%
Other Personal Services	\$ 32,500	\$ -	\$ -	\$ -	\$ -	\$ -	
Contracted Services	\$ -	\$ 30,000	\$ 57,884	\$ 82,500	\$ 140,000	\$ 57,500	69.7%
Operating Expenses	\$ -	\$ 21,811	\$ -	\$ -	\$ -	\$ -	
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Interagency Expenditures (Cooperative Funding)	\$ 78,572	\$ -	\$ -	\$ -	\$ -	\$ -	
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL</b>	<b>\$ 762,165</b>	<b>\$ 780,113</b>	<b>\$ 782,452</b>	<b>\$ 482,169</b>	<b>\$ 501,800</b>	<b>\$ 19,631</b>	<b>4.1%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 361,800	\$ 140,000	\$ -	\$ -	\$ -	\$ -	\$ 501,800

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 361,800	\$ -	\$ 361,800
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ 140,000	\$ 140,000
Operating Expenses	\$ -	\$ -	\$ -
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 361,800</b>	<b>\$ 140,000</b>	<b>\$ 501,800</b>

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

**Changes and Trends:** The District periodically re-evaluates adopted MFL criteria to ensure continued protection of the natural system. The most recent re-evaluation of MFL criteria was completed in June 2014 for Florida Bay. The Florida Bay re-evaluation included analysis of ecologic and hydrologic data collected since the rule was adopted in 2006, and the analysis is summarized in a technical document. The results of the re-evaluation indicated that the existing MFL criteria and prevention strategy are sufficient to protect the existing resources within Florida Bay.

The District is currently re-evaluating the adopted MFL criteria for the Caloosahatchee River. District staff are in the process of assessing all of the data collected and performing research evaluations on a number of different indicators (e.g., habitat-forming species, blue crabs, small toothed sawfish, benthic fauna, etc.) within the Caloosahatchee River Estuary. This resource-based approach uses multiple ecological indicators in the Caloosahatchee River Estuary to evaluate the responses to low flow conditions. In addition to the science listed above, staff have made significant progress in updating models to support the MFL re-evaluation to provide a better estimate of future conditions of the estuary. If a determination is made to revise the MFL criteria in the future, rule adoption could be completed by December 2017.

**Water Reservations and Restricted Allocation Areas:** In addition to MFLs, the District has established water reservations and restricted allocation areas by rule to protect water for the natural system. Water reservations reserve water for the protection of fish and wildlife or public health and safety [subsection 373.223(4), FS]. Water reservations can be used to aid in a recovery or prevention strategy for an established MFL waterbody.

To date, the District has adopted five water reservations. The first two of these were adopted in 2009 for Picayune Strand and Fakahatchee Estuary. In 2010, a water reservation was adopted for the North Fork of the St Lucie River. In 2013 and 2014, two water reservations were adopted in support of Comprehensive Everglades Restoration Plan (CERP) projects. These include a water reservation for Nearshore Central Biscayne Bay, which was adopted on June 13, 2013 in support of the CERP Biscayne Bay Coastal Wetlands (Phase 1) Project, and the Caloosahatchee River (C-43) West Basin Storage Reservoir water reservation, adopted on May 15, 2014 to help promote a more balanced and healthy salinity regime for the Caloosahatchee River. In 2015, the District continued rulemaking for establishment of water reservations for the Kissimmee River and floodplain and Kissimmee Chain of Lakes (Upper Chain of Lakes and Headwater Revitalization Lakes). Two public workshops were held to update stakeholders on the Kissimmee rulemaking process and the draft rule and its supporting technical document have been released for public review and comment. After the last public workshop, the District received multiple public comments from various stakeholder groups which are in the process of being incorporated into revised technical criteria.

Similar to water reservations, restricted allocation areas protect natural systems from consumptive use impacts. Restricted allocation areas are established to restrict the allocation of water for future consumptive uses in specific areas of the District. Restricted allocation area criteria are based on subsection 373.223(1), FS, which specifies a three-prong test used for issuing consumptive use permits. Restricted allocation areas adopted since 1981 for specific areas of the District are listed in Section 3.2.1 of the *Applicant's Handbook for Water Use Permit Applications*, which is incorporated by reference into Chapter 40E-2, Florida Administrative Code. These areas include the Lake Istokpoga/Indian Prairie Canal System; L-1, L-2 & L-3 Canal System; C-23, C-24 & C-25 Canal System; North Palm Beach/Loxahatchee River Watershed Waterbodies and Lower East Coast Everglades Waterbodies; Lake Okeechobee

#### IV. PROGRAM AND ACTIVITY ALLOCATIONS

and Lake Okeechobee Service Area (LOSA); and Floridan Wells in Martin and St. Lucie Counties. Restricted allocation areas have also been used as part of a recovery or prevention strategy for an established MFL waterbody.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents an increase of \$19,631 from the Fiscal Year 2015-16 amended budget, the net result of an increase for Kissimmee and Caloosahatchee Statements of Estimated Regulatory Costs and a decrease in Salaries and Benefits costs.

**Major Budget Items:** The Fiscal Year 2016-17 tentative budget includes Salaries and Benefits (\$361,800) for staff providing support to the development of MFLs and Water Reservations, and contracted services for the Statements of Estimated Regulatory Costs (SERC) for the Kissimmee water reservations and Caloosahatchee River minimum flow and level (MFL), and Caloosahatchee Peer Review.

Items funded with reserves without restrictions include the Statements of Estimated Regulatory Costs (SERC) for the Kissimmee water reservations and Caloosahatchee River minimum flow and level (MFL), and Caloosahatchee Peer Review.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 1.1.3 Other Resource Planning

**District Description:** Other water resource planning includes a variety of efforts in the planning phase such as activities under the Northern Everglades Watershed Protection Plans, the South Miami-Dade Water Management Plan, the South Lee County Watershed Plan, and the Estero Bay Watershed management strategies. Planning efforts also include implementation of State Appropriation supported flood mitigation, stormwater improvement, restoration, and water quality projects.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT SUBACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 1.1.3 Other Resource Planning

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 2,350,104	\$ 2,426,111	\$ 2,674,011	\$ 3,003,657	\$ 2,825,758	\$ (177,899)	-5.9%
Other Personal Services	\$ 168,441	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ 284,471	\$ 409,111	\$ 174,105	\$ 179,474	\$ 5,369	3.1%
Operating Expenses	\$ 158,962	\$ 186,206	\$ 222,674	\$ 247,762	\$ 332,300	\$ 84,538	34.1%
Operating Capital Outlay	\$ 3,521	\$ 18,301	\$ 3,094	\$ 3,500	\$ 319,800	\$ 316,300	9037.1%
Fixed Capital Outlay	\$ 2,975	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ 4,943,160	\$ 5,039,678	\$ 4,246,263	\$ 3,397,731	\$ 6,990,754	\$ 3,593,023	105.7%
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 7,627,163</b>	<b>\$ 7,954,767</b>	<b>\$ 7,555,153</b>	<b>\$ 6,826,755</b>	<b>\$ 10,648,086</b>	<b>\$ 3,821,331</b>	<b>56.0%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 3,928,617	\$ 6,005,848	\$ -	\$ -	\$ 713,621	\$ -	\$ 10,648,086

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 2,825,758	\$ -	\$ 2,825,758
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 179,474	\$ -	\$ 179,474
Operating Expenses	\$ 241,221	\$ 91,079	\$ 332,300
Operating Capital Outlay	\$ 3,500	\$ 316,300	\$ 319,800
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ 1,392,285	\$ 5,598,469	\$ 6,990,754
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 4,642,238</b>	<b>\$ 6,005,848</b>	<b>\$ 10,648,086</b>

**Changes and Trends:** Continuing efforts include implementing and updating the plans described above as required, monitoring inflow and nutrient loading to Lake Okeechobee and the Northern Estuaries, and evaluating progress towards meeting the new phosphorus criterion for the Everglades, as well as levels and limits set by the Everglades Settlement Agreement.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents an increase of \$3,821,331 from the Fiscal Year 2015-16 amended budget. Increases in Interagency Expenditures for stormwater projects in the Cooperative Funding Program (\$4,000,000) and Operating Capital Outlay for BOMA Property Improvements (\$316,300) are offset by decreases in Big Cypress Basin (BCB) Local Projects (\$268,122), Indian River Lagoon (IRL) License Tag Projects in Martin, St. Lucie, and Palm Beach counties (\$67,068), and Salaries and Benefits (\$177,899).

#### Major Budget Items:

- Stormwater projects Cooperative Funding Program, including salaries (\$4,109,935).
- Collier County Secondary System Agreement (\$1,000,000), BCB Intergovernmental Projects (\$838,748), BCB Water Quality Monitoring (\$160,335), Lake Trafford Watershed Monitoring (\$65,500), and BCB Real Time Monitoring/Modeling (\$25,000).

#### **IV. PROGRAM AND ACTIVITY ALLOCATIONS**

- Florida Bay and Coastal Wetlands Project (\$852,248) includes Florida Bay Monitoring and Support (\$208,507), South Florida Estuarine Submerged Aquatic Vegetation (SAV) (\$155,500), Lakes Trophic Dynamics (\$100,000), Lake Ecosystems Hydrology in Florida Bay and Coastal Wetlands (\$90,000), and Sediment Dynamics (\$85,000).
- IRL National Estuary Program (\$500,000).
- BOMA property improvements (\$316,300) to replace fences, move an access road, and shift an above-ground impoundment levy.
- United States Geological Survey (USGS) Surface Water Data Collection (\$130,250).
- IRL License Tag Projects in Martin, St. Lucie, and Palm Beach counties (\$92,004).

Items funded with reserves without restrictions include IRL Seagrass Monitoring, IRL National Estuary Program, Stormwater Cooperative Funding Program, BOMA Improvements. Items funded with reserves with restrictions include Collier County Haldeman Creek Weir Replacement, BCB Groundwater Monitoring, Lakes Trophic Dynamics, Sediment Dynamics, Lake Eco Hydrology, SAV Assessments, IRL Tag Program, and BOMA Improvements.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### **1.2 Research, Data Collection, Analysis and Monitoring**

**District Description:** This agency work includes research, modeling, environmental monitoring, and assessment activities that support various regulatory-driven mandates / agreements and complies with federal and state-issued permits such as Everglades Settlement Agreement / Consent Decree, Clean Water Act, Comprehensive Everglades Restoration Plan (CERP), Everglades Forever Act, Environmental Resource Permitting, Northern Everglades and Estuaries Protection Program (NEEPP), and Restoration Strategies Program.

Program-related activities include comprehensive monitoring and laboratory analysis; quality assurance/quality control; data management; hydrologic modeling; water quality and ecological modeling; remote sensing; operational monitoring for the Central and Southern Florida Project and Everglades Stormwater Treatment Areas (STAs); Geographic Information Systems development; applied research (field and laboratory); Best Management Practices technologies; pollutant load reduction goals development; and technical reporting and publication.

In 2012, the State of Florida and the U.S. Environmental Protection Agency reached consensus on new Restoration Strategies for further improving water quality in the Everglades ([www.sfwmd.gov/restorationstrategies](http://www.sfwmd.gov/restorationstrategies)). These strategies will expand water quality improvement projects to achieve the total phosphorus (TP) water quality standard established for the Everglades. Two federal and state permits and associated Consent Orders were also received for all Everglades STAs in association with the Restoration Strategies Program. The permits describe and authorize various STA and Flow Equalization Basin (FEB) additions and enhancements required to meet the new Water Quality Based Effluent Limit. Pursuant to the consent orders, the South Florida Water Management District (SFWMD) is implementing the Science Plan for the Everglades STAs to investigate the critical factors that collectively influence treatment performance and phosphorus reduction in the STAs.

The NEEPP mandates the SFWMD, Florida Department of Environmental Protection (FDEP), and Florida Department of Agriculture & Consumer Services (FDACS) to develop and implement Watershed Protection Plans for Lake Okeechobee and the Caloosahatchee and St. Lucie River watersheds. The Lake Okeechobee Watershed Protection Plan was initially developed in 2004 and has been subsequently updated in 2007, 2011, and 2014. The Phase II Technical Plan for the Lake Okeechobee Watershed Construction Project was completed in 2008. The Caloosahatchee and St. Lucie River Watershed Protection Plans were developed in 2009 and updated in 2012 and 2015. The Plans include nutrient source controls (e.g., BMPs) and several sub-regional and regional technologies, such as STAs and alternative treatment technologies, to improve the quality of water within the watersheds and of the water delivered downstream to Lake Okeechobee and the Northern Estuaries. Several measures are also included in the Plans to improve water levels within Lake Okeechobee, and the quantity and timing of discharges from the Lake and its downstream estuaries to achieve more desirable salinity ranges. These measures include reservoirs, dispersed water management projects, aquifer storage and recovery, and deep well injection. In addition, the plans include a Research and Water Quality Monitoring Program, which includes water quality and ecological monitoring and assessment, as well as watershed, lake, and estuary studies.

C&SF monitoring and assessment is the performance of field measurements, data collection, and instrument maintenance used to monitor flow conditions in support of flood control operations and analysis. This is performed at all C&SF sites and structures.



## IV. PROGRAM AND ACTIVITY ALLOCATIONS

Pursuant to Chapter 2005-36, Laws of Florida, and Subsection 373.036 (7), Florida Statutes (F.S.), the SFWMD in cooperation with the FDEP, publishes and submits the *South Florida Environmental Report* (SFER) to the Florida legislature, governor, and other key stakeholders on March 1 each year ([www.sfwmd.gov/sfer](http://www.sfwmd.gov/sfer)). This unified reporting supports the restoration, management, and protection activities associated with the Kissimmee Basin, Lake Okeechobee, the Everglades, and South Florida's coastal ecosystems. Other agency reporting requirements, including annual plans and reports required of all Florida water management districts as well as those mandated in the federal and state-issued permits, are also incorporated to enhance reporting efficiencies.

### SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17  
TENTATIVE BUDGET - Fiscal Year 2016-17

#### 1.2 Research, Data Collection, Analysis and Monitoring

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 14,910,133	\$ 17,421,467	\$ 15,829,569	\$ 15,557,533	\$ 15,116,657	\$ (440,876)	-2.8%
Other Personal Services	\$ 1,666,912	\$ 237,629	\$ 227,036	\$ 94,138	\$ 132,614	\$ 38,476	40.9%
Contracted Services	\$ -	\$ 951,682	\$ 1,067,749	\$ 1,513,717	\$ 1,019,033	\$ (494,684)	-32.7%
Operating Expenses	\$ 2,293,762	\$ 2,404,664	\$ 2,324,584	\$ 2,650,971	\$ 2,723,208	\$ 72,237	2.7%
Operating Capital Outlay	\$ 190,480	\$ 165,056	\$ 268,843	\$ 110,800	\$ 128,100	\$ 17,300	15.6%
Fixed Capital Outlay	\$ 10,333	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ 2,465,077	\$ 2,212,258	\$ 2,049,538	\$ 2,400,593	\$ 2,360,942	\$ (39,651)	-1.7%
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 21,536,697</b>	<b>\$ 23,392,756</b>	<b>\$ 21,767,319</b>	<b>\$ 22,327,752</b>	<b>\$ 21,480,554</b>	<b>\$ (847,198)</b>	<b>-3.8%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 20,719,035	\$ 496,728	\$ -	\$ -	\$ 200,000	\$ 64,791	\$ 21,480,554

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 15,116,657	\$ -	\$ 15,116,657
Other Personal Services	\$ 132,614	\$ -	\$ 132,614
Contracted Services	\$ 995,033	\$ 24,000	\$ 1,019,033
Operating Expenses	\$ 2,250,480	\$ 472,728	\$ 2,723,208
Operating Capital Outlay	\$ 128,100	\$ -	\$ 128,100
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ 2,360,942	\$ -	\$ 2,360,942
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 20,983,826</b>	<b>\$ 496,728</b>	<b>\$ 21,480,554</b>

**Changes and Trends:** Continuing efforts include monitoring to determine progress toward meeting Lake Okeechobee phosphorus loading targets, the phosphorus criterion for the Everglades, as well as levels and limits set by the Everglades Settlement Agreement. Other monitoring activities include Lake Okeechobee ecological monitoring; assessment of downstream effects of the STAs; assessment of the hydrologic needs of the Everglades, as mandated by the Everglades Forever Act; system-wide conditions monitoring under Restoration Coordination & Verification (RECOVER); and monitoring support for CERP projects.

Pursuant to the Consent Orders, in 2013 the SFWMD completed a Science Plan to identify studies that investigate the critical factors that collectively influence treatment performance and phosphorus reduction in the STAs. Implementation of this Plan began in 2013 and will continue through 2025. Eight initial studies identified in the Science Plan are underway, and development of a ninth study is also underway.

The Everglades STAs continue to show excellent annual performance. During Water Year (WY) 2015 (May 1, 2014 to April 30, 2015), the combined STAs treated approximately 1.4 million acre-feet of water, reducing flow-weighted mean phosphorus concentration to 17 parts per billion. During this year, the STAs removed 138 metric tons of TP, which is 83 percent of

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

the phosphorus load. To date, the STAs combined have removed approximately 2,000 metric tons of phosphorus that otherwise would have gone to the Everglades Protection Area.

In 2014, a new technical sub-team of state and federal representatives including the SFWMD was established to evaluate and propose an updated phosphorus limit compliance methodology (known as Appendix A to the Consent Decree) for Shark River Slough inflows. SFWMD staff is analyzing data to help propose an alternative methodology to address hydroperiod changes occurring as a result of ongoing, phased implementation of the Modified Water Deliveries Project and future conditions anticipated under the Central Everglades Planning Project, while the team has prepared a matrix of conditions that have changed since inception of the Consent Decree.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents a decrease of \$847,198 from the Fiscal Year 2015-16 amended budget. The decreases in Contracted Services are primarily for the Sea Level Rise Impacts Pilot Project (\$375,000), Merritt Pump Station Monitoring and Analysis (\$53,740), Lygodium Tree Island Surveys-WCA-3 (\$50,000); Interagency Expenditures for C-111 Spreader Canal Vegetation Tracking (\$38,040); and in Salaries and Benefits (\$440,876), which are offset with an increase in Operating Expenses (\$72,237).

### Major Budget Items:

- On-going C&SF Project Monitoring and Assessment (\$2,967,994) includes USGS Ground Water and Surface Water Core Network Monitoring (\$867,574), Hydrologic Data Processing (\$120,064), NEXRAD / Solar Radiation and ET Data Acquisition (\$107,810), Data Quality Improvement (\$30,040).
- Stormwater Treatment Area Maintenance, Optimization, and Performance includes optimization support, aerial imagery, maintenance and repair, and lab support (\$1,949,283).
- CERP Monitoring and Assessment Plan (\$1,285,618) includes West Coast Oyster Monitoring (\$200,360), Florida Bay Fish Habitat Assessment (\$160,192), East Coast Oyster Monitoring (\$136,000), C-111 Spreader – Downstream Impacts (\$130,000), RECOVER Submerged Aquatic Vegetation Monitoring (\$91,000), and Tree Island Surface/Groundwater Interactions (\$87,350).
- Lake Okeechobee Watershed Protection Plan support (\$1,009,128).
- Hydrology and Hydraulics Flow Rating Program (\$611,752).
- C-111 Spreader Canal support including bird surveys (\$583,550).
- Loxahatchee Impoundment Landscape Assessment (LILA) (\$356,884) includes LILA Science and Management (\$120,000), LILA Maintenance and Support (\$67,800), Faunal Responses to Hydrology (\$50,000), and LILA Coordination Planning (\$30,000).
- Everglades Research and Evaluation includes Active Marsh Improvement and Marsh Ecology Support (\$222,632).
- Hydrology and Hydraulics Standard Practices (\$209,292).

#### **IV. PROGRAM AND ACTIVITY ALLOCATIONS**

- Everglades National Park Surface Water Monitoring & Marine Network support (\$196,850).
- Regional Monitoring Lab Analysis for Organics and Sediment (\$185,463).
- Southern Everglades Landscape Analysis (\$80,919).
- Property and tax collector fees (\$1,174,007).

Items funded with reserves without restrictions include Tax Collector and Property Appraisal Fees and RECOVER SAV Monitoring.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 1.3 Technical Assistance

**District Description:** The District provides technical assistance to local governments on their local comprehensive plans and related documents. This technical assistance is provided through several means:

- Provide technical support to local government planners and officials when comprehensive plans are evaluated and updated.
- Review and comment on significant water resource issues for proposed amendments to local government comprehensive plans.
- Provide expertise on District programs for local government community planning efforts, as well as coordination with the Regional Planning Councils, Florida Department of Economic Opportunity (FDEO), Florida Department of Transportation (FDOT) and FDEP.
- Provide comments on projects reviewed through the State Clearinghouse and developments of regional impact.
- Work with local governments to ensure consistency between local government ten-year water supply facilities work plans and the District's regional water supply plans.
- Conduct technical assistance workshops with local governments throughout the District; and provide assistance to local governments regarding water supply facility work plans.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT

##### ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

##### 1.3 Technical Assistance

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 336,691	\$ 308,953	\$ 272,901	\$ 311,466	\$ 205,800	\$ (105,666)	-33.9%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Expenses	\$ 7	\$ 47	\$ 19	\$ -	\$ -	\$ -	-
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 336,698</b>	<b>\$ 309,000</b>	<b>\$ 272,920</b>	<b>\$ 311,466</b>	<b>\$ 205,800</b>	<b>\$ (105,666)</b>	<b>-33.9%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 205,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 205,800

##### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 205,800	\$ -	\$ 205,800
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ -	\$ -	\$ -
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 205,800</b>	<b>\$ -</b>	<b>\$ 205,800</b>

#### IV. PROGRAM AND ACTIVITY ALLOCATIONS

**Changes and Trends:** Consistent with the Community Planning Act adopted during the 2011 session of the Florida Legislature and the Community Development Act adopted during the 2015 session of the Florida Legislature, emphasis is being placed on providing technical assistance to local governments. Reviews of proposed amendments to local government comprehensive plans focus on addressing impacts to significant state water resources.

Working proactively on the “front end” of the planning and evaluation processes, collaboratively addressing water resource issues and building successful alliances, continues to be important. Since the adoption of the Community Planning Act, the number of requests for technical assistance has increased. In addition, local governments are in the process of evaluating and updating their comprehensive plans. This includes evaluations of existing adopted Water Supply Work Plans and identifying needed comprehensive plan amendments.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents a decrease of \$105,666 from the Fiscal Year 2015-16 amended budget due to a reduction in salary and benefits cost.

**Major Budget Items:** The Fiscal Year 2016-17 tentative budget includes Salaries and Benefits (\$205,800) for staff providing technical assistance to local governments on their local comprehensive plans and related documents.

There are no items funded with reserves.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 1.5 Technology and Information Services

**District Description:** This activity includes computer hardware and software, data lines, computer support and maintenance, IT consulting services, data centers, network operations, web support and updates, desktop support, and application development that support the Water Resources Planning and Monitoring program and related activities.

Information technology items (salaries, contractors, hardware / software maintenance, and other operating costs) are directly charged to operational activities of District core functions where there is a clear linkage between the operational activity and the information technology system, application or staff that is used to support the operational activities.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT

##### ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 1.5 Technology and Information Services

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 1,006,634	\$ 997,119	\$ 917,955	\$ 1,771,811	\$ 1,970,090	\$ 198,279	11.2%
Other Personal Services	\$ 248,524	\$ 177,826	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ 65,306	\$ 174,945	\$ 208,162	\$ 160,805	\$ (47,357)	-22.8%
Operating Expenses	\$ 954,171	\$ 909,538	\$ 748,788	\$ 894,511	\$ 920,261	\$ 25,750	2.9%
Operating Capital Outlay	\$ -	\$ -	\$ 16,200	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 2,209,329</b>	<b>\$ 2,149,789</b>	<b>\$ 1,857,888</b>	<b>\$ 2,874,484</b>	<b>\$ 3,051,156</b>	<b>\$ 176,672</b>	<b>6.1%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 3,051,156	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,051,156

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 1,970,090	\$ -	\$ 1,970,090
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 160,805	\$ -	\$ 160,805
Operating Expenses	\$ 920,261	\$ -	\$ 920,261
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 3,051,156</b>	<b>\$ -</b>	<b>\$ 3,051,156</b>

**Changes and Trends:** This activity represents a continuation level from Fiscal Year 2015-16.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents an increase of \$176,672 from the Fiscal Year 2015-16 amended budget from an increase in Salaries and Benefits (\$198,279), and an increase in Operating Expenses for software maintenance (\$25,750) partially offset by a decrease of \$47,357 for computer support.

**Major Budget Items:** Major budget items include \$743,730 for software maintenance, \$120,185 for computer support services, \$52,945 for hardware maintenance, \$76,620 for copier/printer leases, and \$87,586 for communication service.

There are no items funded with reserves.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 2.0 Acquisition, Restoration and Public Works

This program includes the development and construction of all restoration capital projects, including water resource development projects / water supply development assistance, water control projects, and support and administrative facilities construction; cooperative projects; land acquisition; and the restoration of lands and water bodies. The overall reduction of authorized FTEs to 1475 has resulted in a decrease in salary and benefit costs in this program.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 2.0 Acquisition, Restoration and Public Works

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative - Current)	% of Change (Tentative - Current)
Salaries and Benefits	\$ 12,160,016	\$ 12,859,967	\$ 14,523,454	\$ 16,543,795	\$ 14,380,587	\$ (2,163,208)	-13.1%
Other Personal Services	\$ 5,599,132	\$ 165,752	\$ -	\$ -	\$ -	\$ -	
Contracted Services	\$ -	\$ 11,374,799	\$ 10,416,872	\$ 30,618,192	\$ 62,462,410	\$ 31,844,218	104.0%
Operating Expenses	\$ 7,936,544	\$ 12,312,408	\$ 8,310,552	\$ 7,117,932	\$ 4,596,353	\$ (2,521,579)	-35.4%
Operating Capital Outlay	\$ 9,520,369	\$ 8,843,932	\$ 14,165,593	\$ 6,477,116	\$ 8,163,140	\$ 1,686,024	26.0%
Fixed Capital Outlay	\$ 19,795,558	\$ 87,354,698	\$ 108,097,646	\$ 228,273,359	\$ 210,002,140	\$ (18,271,219)	-8.0%
Interagency Expenditures (Cooperative Funding)	\$ 3,100,137	\$ 3,711,711	\$ 2,852,491	\$ 11,526,846	\$ 6,533,528	\$ (4,993,318)	-43.3%
Debt	\$ 35,236,168	\$ 35,185,840	\$ 35,182,247	\$ 35,165,372	\$ 32,029,525	\$ (3,135,847)	-8.9%
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL</b>	<b>\$ 93,347,924</b>	<b>\$ 171,809,107</b>	<b>\$ 193,548,855</b>	<b>\$ 335,722,612</b>	<b>\$ 338,167,683</b>	<b>\$ 2,445,071</b>	<b>0.7%</b>

#### SOURCE OF FUNDS

Fiscal Year 2016-17

	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Salaries and Benefits	\$ 13,465,779	\$ -	\$ -	\$ -	\$ 278,513	\$ 636,295	\$ 14,380,587
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contracted Services	\$ 1,658,047	\$ 4,752,752	\$ -	\$ -	\$ 52,838,034	\$ 3,213,577	\$ 62,462,410
Operating Expenses	\$ 4,209,769	\$ 366,469	\$ -	\$ -	\$ 7,866	\$ 12,249	\$ 4,596,353
Operating Capital Outlay	\$ 44,316	\$ 460,000	\$ -	\$ 620,000	\$ 7,030,540	\$ 8,284	\$ 8,163,140
Fixed Capital Outlay	\$ 86,140	\$ 34,433,533	\$ -	\$ -	\$ 175,482,467	\$ -	\$ 210,002,140
Interagency Expenditures (Cooperative Funding)	\$ 417,998	\$ 6,018,600	\$ -	\$ -	\$ 75,000	\$ 21,930	\$ 6,533,528
Debt	\$ 31,055,468	\$ 974,057	\$ -	\$ -	\$ -	\$ -	\$ 32,029,525
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 50,937,517</b>	<b>\$ 47,005,411</b>	<b>\$ -</b>	<b>\$ 620,000</b>	<b>\$ 235,712,420</b>	<b>\$ 3,892,335</b>	<b>\$ 338,167,683</b>

#### RATE, OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Workforce	Rate (Salary without benefits)	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	128	\$ 10,427,058	\$ 14,380,587	\$ -	\$ 14,380,587
Other Personal Services	-	\$ -	\$ -	\$ -	\$ -
Contracted Services	-	\$ -	\$ 6,658,047	\$ 55,804,363	\$ 62,462,410
Operating Expenses			\$ 4,229,884	\$ 366,469	\$ 4,596,353
Operating Capital Outlay			\$ 1,552,600	\$ 6,610,540	\$ 8,163,140
Fixed Capital Outlay			\$ 57,352,986	\$ 152,649,154	\$ 210,002,140
Interagency Expenditures (Cooperative Funding)			\$ 439,928	\$ 6,093,600	\$ 6,533,528
Debt			\$ 31,055,468	\$ 974,057	\$ 32,029,525
Reserves - Emergency Response			\$ -	\$ -	\$ -
<b>TOTAL</b>			<b>\$ 115,669,500</b>	<b>\$ 222,498,183</b>	<b>\$ 338,167,683</b>

#### WORKFORCE

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

WORKFORCE CATEGORY	Fiscal Year						Current to Tentative 2015-16 to 2016-17	
	2012-13	2013-14	2014-15	2015-16	2016-17		Difference	% Change
Authorized Positions	142	142	147	150	128	(22)	(22)	-14.67%
Contingent Worker	0	0	0	0	0	-	-	
Other Personal Services	3	1	0	0	0	-	-	
Intern	0	0	0	0	0	-	-	
Volunteer	0	0	0	0	0	-	-	
<b>TOTAL WORKFORCE</b>	<b>145</b>	<b>143</b>	<b>147</b>	<b>150</b>	<b>128</b>	<b>(22)</b>	<b>(22)</b>	<b>-14.67%</b>

**South Florida Water Management District**  
**REDUCTIONS - NEW ISSUES**  
**2.0 Acquisition, Restoration and Public Works**  
**Fiscal Year 2016-17**  
**Tentative Budget - August 1, 2016**

FY 2015-16 Budget (Current-Amended) 150.20 \$ 335,722,612					
Reductions					
Issue	Description	Issue Amount	Workforce	Category Subtotal	Issue Narrative
Salaries and Benefits			(21.50)	(2,163,208)	
1	Decrease in Total Salaries and Wages	(1,598,843)	(21.50)		
2	Decrease in Total Fringe Benefits	(564,365)			
Other Personal Services			-	-	
Contracted Services				(14,912,097)	
3	Decrease in CERP Water Quality Studies	(318,295)			
4	Decrease in Cont Serv - Advertising Services	(3,500)			
5	Decrease in Cont Serv - Legal Services	(120,000)			
6	Decrease in Cont Serv - Professional	(50,000)			
7	Decrease in Cont Serv - Non Capital Appraisal Fees	(23,500)			
8	Decrease in Cont Serv - IT Consulting Services (NON-OPS)	(39,465)			
9	Decrease in Picayune Strand Restoration Project	(1,777,829)			
10	Decrease in RS Program - Regional Projects	(3,532,240)			
11	Decrease in S. Dade C-111 Federal Project	(100,000)			
12	Decrease in DWM Allapat-Williamson-Tumprk WRP	(2,843,357)			
13	Decrease in DWM Water Farming Pilot Projects	(7,500)			
14	Decrease in C37 Dredge Mitigation	(175,000)			
15	Decrease in RS SP Modl Assist Dev of Oper Guid	(333,410)			
16	Decrease in RS SP Canal Conveyance	(150,000)			
17	Decrease in RS SP PSTA Tech Perfrm, Dsgn & Ops	(189,513)			
18	Decrease in C-43 Bioassays and Mesocosms (Grant 319)	(356,553)			
19	Decrease in DWM NE-PES Solicitations	(620,479)			
20	Decrease in FY16 Interagency Modeling Center	(36,792)			
21	Decrease in WB Western Basin Wtr Resource Proj	(947,068)			
22	Decrease in DWM Dispersed Water Mgmt Program	(204,632)			
23	Decrease in DWM PRI Nicodemus Slough	(2,512,683)			
24	Decrease in DWM PUB BOMA	(50,000)			
25	Decrease in DWM FRESP (FL Rnchld Env Svc Proj)	(520,281)			
Operating Expenses				(2,698,291)	
26	Decrease in CERP Water Quality Studies	(38,053)			
27	Decrease in Cont Serv - Maint & Repairs - Computer Hardware	(21,423)			
28	Decrease in Cont Serv - Surveying Services	(5,500)			
29	Decrease in Operating Expenses	(2,218)			
30	Decrease in Oper Expense - District Travel	(7,854)			
31	Decrease in Oper Expense - Electrical Service	(2,900)			
32	Decrease in Operating Expenses	(1,569)			
33	Decrease in Oper Expense - Other	(3,305)			
34	Decrease in Oper Expense - Parts and Supplies	(550)			
35	Decrease in Oper Expense - Parts,Supp - Laboratory	(450)			
36	Decrease in Operating Expenses	(1,264)			
37	Decrease in Oper Expense - Tools/Equipment/PPE	(885)			
38	Decrease in Picayune Strand Restoration Project	(312,050)			
39	Decrease in RS S-5AS Divide	(257,495)			
40	Decrease in C37 Dredge Mitigation	(95,000)			
41	Decrease in RS RP Lainhart & Masten Conveyance	(1,863,750)			
42	Decrease in S-356 Field Test	(28,877)			
43	Decrease in DWM PUB BOMA	(40,000)			
44	Decrease in CP LO Critical Restorat Proj STAs Repair	(15,098)			
45	Decrease in DWM FRESP (FL Rnchld Env Svc Proj)	(50)			
Operating Capital Outlay				(3,965,250)	
46	Decrease in Picayune Strand Restoration Project	(672,212)			
47	Decrease in C-44 Reservoir/STA Project	(5,023)			
48	Decrease in RS STA1W Expansion #1	(60,629)			
49	Decrease in L-31 East Flow Way	(1,642,870)			
50	Decrease in RS Replacement MECCA FEB	(1,484,516)			
51	Decrease in DWM Dispersed Water Mgmt Program	(100,000)			



**South Florida Water Management District**  
**REDUCTIONS - NEW ISSUES**  
**2.0 Acquisition, Restoration and Public Works**  
**Fiscal Year 2016-17**  
**Tentative Budget - August 1, 2016**

Reductions					Issue Narrative
Issue	Description	Issue Amount	Workforce	Category Subtotal	
Fixed Capital Outlay				(65,296,573)	
52	Decrease in Lake Hicpochee Hydrologic Enhancement	(500,056)			
53	Decrease in Capital Outlay - AUC Improve Other Than Buildings	(45,016)			
54	Decrease in Picayune Strand Restoration Project	(5,306,675)			
55	Decrease in Rolling Meadows Wetland Restoration	(4,150,000)			
56	Decrease in Southern CREW	(3,657,043)			
57	Decrease in RS L-8 Divide	(257,494)			
58	Decrease in RS G-716 Structure Expansion	(3,964,900)			
59	Decrease in RS STA1W Expansion #1	(22,618,823)			
60	Decrease in S. Dade C-111 Federal Project	(16,568,436)			
61	Decrease in RS Replacement MECCA FEB	(1,000,000)			
62	Decrease in Ten Mile Creek CRP	(7,228,130)			
Interagency Expenditures (Cooperative Funding)				(5,933,918)	
63	Decrease in BCB Mobile Irrigation Lab project	(55,000)			
64	Decrease in C-111 Spreader Canal	(236,291)			
65	Decrease in Oper Expense - Interagency Local	(5,080,000)			
66	Decrease in Picayune Strand Restoration Project	(18,817)			
67	Decrease in C37 Dredge Mitigation	(100,000)			
68	Decrease in DWM Dispersed Water Mgmt Program	(245,810)			
69	Decrease in DWM IMWID Dispersed Water Mgmt	(198,000)			
Debt				(23,000,372)	
70	Decrease in Oper Expense - COPS #1 Interest - MA	(21,917,903)			
71	Decrease in Oper Expense - DB Iss COPS2015	(1,082,469)			
Reserves				-	
<b>TOTAL REDUCTIONS</b>			<b>(21.50)</b>	<b>(117,969,709)</b>	

**South Florida Water Management District**  
**REDUCTIONS - NEW ISSUES**  
**2.0 Acquisition, Restoration and Public Works**  
**Fiscal Year 2016-17**  
**Tentative Budget - August 1, 2016**

New Issues					Issue Narrative
Issue	Description	Issue Amount	Workforce	Category Subtotal	
Salaries and Benefits		-		-	The overall reduction of authorized FTEs to 1475 has resulted in a decrease in salary and benefit costs in this program of \$2,163,208 due to the reduction of 21.5 FTEs.
Other Personal Services		-		-	
Contracted Services				46,756,315	Net increase of \$31,844,218, primarily due to new state appropriation for Dispersed Water Management - new capital improvements (\$47.8 million), offset by decreases in in multi-year cash flow requirements for contracted services in support of Lake Okeechobee Watershed Project Planning, Kissimmee River Restoration Land Acquisition, ASR Start-Up & Design, Picayune Strand, Restoration Strategies, C-43 WQ Treatment and Testing Mesocosms, CERP Water Quality Studies, Allapattah/Williamson Turnpike WRP, and a reduction of rebudgeted state appropriated funds for existing Dispersed Water Management operations.
1	Increase in Cont Serv - External Provider	41,802,220			
2	Increase in Kissimmee Basin Hydrologic Monitoring	140,000			
3	Increase in S. Dade C-111 Federal Project	40,000			
4	Increase in L-31 East Flow Way	22,500			
5	Increase in RS SP STA Water and TP Budget	5,000			
6	Increase in RS SP P-Sources, Forms and Flux	1,435,000			
7	Increase in RS SP Deep Water Pulse on Cattail	185,000			
8	Increase in S-356 Field Test	5,000			
9	Increase in FY17 HH IMC	36,792			
10	Increase in DWM PUB Allapattah Parcels A&B	2,580,803			
11	Increase in RS SP Eval Rooted FAV Role in Lowr STATP	204,000			
12	Increase in Kissimmee River ASR	300,000			
Operating Expenses				176,712	Net decrease of \$2.5 million, primarily due to the completion of the Restoration Strategies S-5AS Divide, transfer of the Lainhart & Masten Conveyance project to the O&M Capital Refurbishment program, as well as transfer of Picayune Strand Restoration features to O&M, and reduced cash flow requirements for C-37 Dredge Mitigation.
13	Increase in C-111 Spreader Canal	500			
14	Increase in C-43 West Storage Reservoir	3,450			
15	Increase in Grant Parcel Wetland Restoration	30,956			
16	Increase in KCOL and KUB Monitoring and Assessment	1,795			
17	Increase in Kissimmee River Restoration-Construction	1,610			
18	Increase in KR Restoration Evaluation Program	3,367			
19	Increase in Cont Serv - Maint & Repairs - Computer Software	36,111			
20	Increase in Operating Expenses	138			
21	Increase in Oper Expense - Cell Phone Stipend	912			
22	Increase in Oper Expense - Travel for Training	965			
23	Increase in Picayune Strand Restoration Project	2,521			
24	Increase in Southern CREW	500			
25	Increase in RS Program - Regional Projects	1,460			
26	Increase in C-44 Reservoir/STA Project	2,400			
27	Increase in IRL South PIR	500			
28	Increase in S. Dade C-111 Federal Project	58,507			
29	Increase in L-31 East Flow Way	27,500			
30	Increase in C-43 Bioassays and Mesocosms (Grant 319)	385			
31	Increase in S-356 Field Test	2,300			
32	Increase in AS FY17 Ecological Supp for System Ops	835			
Operating Capital Outlay				5,651,274	Net increase of \$1,686,024. Increase is due to the rebudget of prior year appropriation for Old Tamiami Trail Removal and new appropriation for CERP Planning and Design, including C-111 Spreader Canal, Biscayne Bay Coastal Wetlands, Lake Okeechobee Watershed Project, and Western Basins; offset by decreases in multi-year operating capital requirements for L-31 East Flow Way, Picayune Strand, Restoration Strategies, and Dispersed Water Management.
33	Increase in C-111 Spreader Canal	455,000			
34	Increase in Capital Outlay - AUC Design/Engineering Contracts	1,349,389			
35	Increase in Picayune Strand Restoration Project	76,685			
36	Increase in RS A-1 FEB	150,000			
37	Increase in S-356 Field Test	200			
38	Increase in CEP So OTT Removal	3,000,000			
39	Increase in BBCW, Phase 1 Construction	620,000			
Fixed Capital Outlay				47,025,354	Net decrease of \$18,271,219. Line 40 is to increase pump capacity at S-199/S-200. Line 42 includes land acquisition in support of Biscayne Bay Coastal Wetlands, Lake Hicpochee, Picayune Strand, IRL C-23/C-24, and STA1W Extension #2; offset by reduced cash flow requirements for land acquisition associated with C-111 S. Dade Federal Project and Kissimmee River Restoration. Line 44 is for Taylor Slough Infrastructure Modifications. Remaining lines represent multi-year cash flow needs for these projects; offset by decreases in multi-year cash flow requirements for Lake Hicpochee Hydrologic Enhancement Project, Rolling Meadows Wetland Restoration, Restoration Strategies, C-111 S. Dade Federal Project Cash Payments to the USACE, Southern CREW, and Ten Mile Creek.
40	Increase in C-111 Spreader Canal	4,000,000			
41	Increase in C-43 West Storage Reservoir	9,511,323			
42	Increase in Capital Outlay - LIP Land	3,840,203			
43	Increase in C-44 Reservoir/STA Project	14,802,769			
44	Increase in S. Dade C-111 Federal Project	3,000,000			
45	Increase in S. Dade C-111 Federal Project	1,400,000			
46	Increase in RS G-341 & Conveyance Impr	5,471,059			
47	Increase in Lakeside Ranch STA	5,000,000			

South Florida Water Management District  
**REDUCTIONS - NEW ISSUES**  
2.0 Acquisition, Restoration and Public Works  
Fiscal Year 2016-17  
Tentative Budget - August 1, 2016

New Issues					Issue Narrative
Issue	Description	Issue Amount	Workforce	Category Subtotal	
Interagency Expenditures (Cooperative Funding)				940,600	Net decrease of \$4,993,318, primarily due to the transfer of \$4.0 million for stormwater projects associated with the Cooperative Funding Program from State Activity 2.0 to 1.0. Additional decreases in multi-year cash flow needs for BCB Alternative Water Supply Projects, Dispersed Water Management, and C-111 IFAS Soil Study, as well as reduced needs for C-37 Dredge Mitigation.
48	Increase in CERP Water Quality Studies	75,000			
49	Increase in Oper Expense - Interagency State of FL	72,000			
50	Increase in BCB Local Partnership	738,600			
51	Increase in BCB Mobile Irrigat L	55,000			
Debt				19,864,525	Net decrease of \$3,135,847.
52	Increase in Oper Expense - Principal Repayment COPS#1-MA	900,776			
53	Increase in Oper Expense - COPS2015 Interest MA	18,963,749			
Reserves				-	
<b>TOTAL NEW ISSUES</b>			0.00	120,414,780	
<b>2.0 Acquisition, Restoration and Public Works</b>					
<b>Total Workforce and Tentative Budget for FY 2016-17</b>			128.70	\$ 338,167,683	

## 2.2 Water Source Development

### SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17  
TENTATIVE BUDGET - Fiscal Year 2016-17

#### 2.2 - Water Source Development

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 321,666	\$ 496,846	\$ 362,198	\$ 440,593	\$ 289,780	\$ (150,813)	-34.2%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Contracted Services	\$ -	\$ 5,000	\$ 102,250	\$ -	\$ -	\$ -	
Operating Expenses	\$ 1,898	\$ 5,029	\$ 3,850	\$ 4,434	\$ 4,434	\$ -	0.0%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Interagency Expenditures (Cooperative Funding)	\$ 1,669,300	\$ 1,815,000	\$ 1,428,278	\$ 10,080,000	\$ 5,738,600	\$ (4,341,400)	-43.1%
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL</b>	<b>\$ 1,992,864</b>	<b>\$ 2,321,875</b>	<b>\$ 1,896,576</b>	<b>\$ 10,525,027</b>	<b>\$ 6,032,814</b>	<b>\$ (4,492,213)</b>	<b>-42.7%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 294,214	\$ 5,738,600	\$ -	\$ -	\$ -	\$ -	\$ 6,032,814

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 289,780	\$ -	\$ 289,780
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ 4,434	\$ -	\$ 4,434
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ 5,738,600	\$ 5,738,600
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 294,214</b>	<b>\$ 5,738,600</b>	<b>\$ 6,032,814</b>

## 2.2.1 Water Resource Development Projects

**District Description:** Regional water supply plans and updates have been prepared and approved by the Governing Board for five planning regions that collectively cover the entire District: Lower East Coast, Lower West Coast, Upper East Coast, Upper Kissimmee Basin and Lower Kissimmee Basin. The Upper Kissimmee Basin is included in the CFWI planning area and water supply plan. The water supply plans project water demands over at least a 20-year planning horizon and identify strategies to meet demand needs, including Water Resource Development projects. The water supply plans are updated every five years.

### SOUTH FLORIDA WATER MANAGEMENT DISTRICT SUBACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 2.2.1 Water Resource Development Projects

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative - Current)	% of Change (Tentative - Current)
Salaries and Benefits	\$ 252,092	\$ 409,766	\$ 304,640	\$ 404,328	\$ 247,786	\$ (156,542)	-38.7%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Expenses	\$ 1,898	\$ 2,704	\$ 3,850	\$ 4,434	\$ 4,434	\$ -	0.0%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 253,990</b>	<b>\$ 412,470</b>	<b>\$ 308,490</b>	<b>\$ 408,762</b>	<b>\$ 252,220</b>	<b>\$ (156,542)</b>	<b>-38.3%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	<b>TOTAL</b>
Fiscal Year 2016-17	\$ 252,220	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 252,220

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	<b>TOTAL</b>
Salaries and Benefits	\$ 247,786	\$ -	\$ 247,786
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ 4,434	\$ -	\$ 4,434
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 252,220</b>	<b>\$ -</b>	<b>\$ 252,220</b>

**Changes and Trends:** Water Resource Development projects support the implementation of the water supply plans based on Governing Board strategic direction.

In Fiscal Year 2015-16 the District continued development and initiated application of the new Surficial Aquifer System and Intermediate Aquifer System groundwater model for the Lower West Coast planning area; initiated and completed application of the Lower West Coast Floridan model and the associated public participation process; completed the update to the Upper East Coast Water Supply Plan; initiated the update to the Lower West Coast Water Supply Plan, initiated application of the East Coast Floridan model and the associated public participation process for the Lower East Coast planning area and continued monitoring of groundwater levels, including the United States Geological Survey groundwater monitoring network, to support water management activities.

In Fiscal Year 2016-17 the District will initiate and complete application of the new Surficial Aquifer System and Intermediate Aquifer System groundwater model for the Lower West Coast planning area and the associated public participation process; complete the update to the Lower West Coast Water Supply Plan; continue application of the East Coast Floridan model and the

associated public participation process for the Lower East Coast planning area; initiate the update to the Lower East Coast Water Supply Plan; and continue monitoring of groundwater levels, including the United States Geological Survey groundwater monitoring network, to support water management activities.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents a decrease of \$156,542 in salary and benefit costs from the Fiscal Year 2015-16 amended budget.

**Major Budget Items:** Salaries and benefits (\$247,786).

There are no items funded with reserves.

## 2.2.2 Water Supply Development Assistance

**District Description:** Local governments, water users, and water utilities are primarily responsible for implementing water supply development. The Water Protection and Sustainability Program, created during the 2005 legislative session, strengthened the link between water supply plans and local government comprehensive plans and a cost-sharing program for alternative water supply projects when funding is budgeted by the state (state funding has not been budgeted since 2009). In addition, the legislation included requirements for the water supply development component of the regional water supply plans by making the plans more specific. The intent is to make the plans more useful to local water suppliers in developing alternative water supplies, and then provide permitting and funding incentives to local water suppliers to build projects included in the plan.

### SOUTH FLORIDA WATER MANAGEMENT DISTRICT SUBACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 2.2.2 Water Supply Development Assistance

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 69,574	\$ 87,080	\$ 57,558	\$ 36,265	\$ 41,994	\$ 5,729	15.8%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ 5,000	\$ 102,250	\$ -	\$ -	\$ -	-
Operating Expenses	\$ -	\$ 2,325	\$ -	\$ -	\$ -	\$ -	-
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ 1,669,300	\$ 1,815,000	\$ 1,428,278	\$ 10,080,000	\$ 5,738,600	\$ (4,341,400)	-43.1%
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 1,738,874</b>	<b>\$ 1,909,405</b>	<b>\$ 1,588,086</b>	<b>\$ 10,116,265</b>	<b>\$ 5,780,594</b>	<b>\$ (4,335,671)</b>	<b>-42.9%</b>

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 41,994	\$ 5,738,600	\$ -	\$ -	\$ -	\$ -	\$ 5,780,594

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	(Recurring - all revenues)	(Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 41,994	\$ -	\$ 41,994
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ -	\$ -	\$ -
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ 5,738,600	\$ 5,738,600
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 41,994</b>	<b>\$ 5,738,600</b>	<b>\$ 5,780,594</b>

**Changes and Trends:** The District has provided funding to local governments, special districts, utilities, homeowners associations, water users and other public and private organizations for stormwater, alternative water supply and water conservation projects that are consistent with the agency's core mission. Beginning Fiscal Year 2015-16, these cooperative funding efforts were brought together under one Cooperative Funding Program (CFP) that provides financial incentives to promote local projects that complement ongoing regional restoration, flood control, water quality and water supply efforts within the District's 16-county region.

In Fiscal Year 2016-17, \$9 million is budgeted for the CFP - \$5 million for alternative water supply and water conservation projects and \$4 million for stormwater management projects (included in State sub-activity 1.1.3)

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents a decrease of \$4.3 million from the Fiscal Year 2015-16 amended budget, due to the allocation of \$4 million in the

CFP to potential stormwater management projects, which are included in State sub-activity 1.1.3.

**Major Budget Items:** Cooperative Funding Program (\$5 million) and City of Naples Reclaimed Water Expansion (\$738,600).

The Cooperative Funding Program is funded with reserves without restrictions. The City of Naples Reclaimed Water Expansion is funded with reserves with restrictions



## **2.3 Surface Water Projects**

**District Description:** Surface Water Projects include the Kissimmee River Restoration Project, design and implementation of the Northern Everglades and Estuaries Protection Program (NEEPP), Everglades Forever Act (EFA) projects, Critical Restoration Projects, and the Comprehensive Everglades Restoration Plan (CERP).

The EFA and CERP surface water projects are unique to the South Florida Water Management District. As such, separate narratives and programmatic spreadsheets for each of these projects are provided in the section titled “District Specific Programs and Activities” on pages 140 - 145.

The Kissimmee Basin encompasses more than two dozen lakes in the Kissimmee Chain of Lakes, their tributary streams and associated marshes and the Kissimmee River and floodplain. The basin forms the headwaters of Lake Okeechobee and the Everglades. The Kissimmee River Restoration Project includes restoration of the Kissimmee River and floodplain by backfilling the C-38 flood control canal, and restoring the natural river channel and flood plain. Continued activities include obtaining the remaining real estate requirements, construction of project features including canal backfilling and protection of water for the natural system.

Activities associated with the NEEPP include continued implementation of the Lake Okeechobee, St. Lucie River, and Caloosahatchee River Watershed Protection Plans. Specific activities include: implementation of Dispersed Water Management Projects to retain water and nutrients; evaluation of regulatory source control programs in support of NEEPP; continuation of partnerships with agriculture and urban communities to implement Best Management Practices; and implementation of a variety of source control, restoration, and water quality and storage projects.

The District Everglades Program is focused on the District's responsibilities outlined in the Everglades Forever Act as well as the Settlement Agreement. The Everglades Forever Act directed the District to acquire land and to design, permit, construct and operate Stormwater Treatment Areas (STAs) to reduce phosphorus levels in stormwater run-off and other sources before it enters the Everglades Protection Area. The goal of the District Everglades Program is to contribute to Everglades restoration by restoring water quality, hydrology, and ecology.

The Comprehensive Everglades Restoration Plan CERP contains more than 60 major components that involve the creation of approximately 217,000 acres of reservoirs and wetland-based water treatment areas. These components will vastly improve the quantity, quality, timing, and distribution of water for the South Florida environment. In addition, implementation of CERP will improve or sustain water supplies for urban and agricultural needs, while maintaining current C&SF Flood Control Project purposes. CERP includes pilot projects to test technologies, such as Aquifer Storage and Recovery (ASR) and seepage management methods, which are essential to the implementation of CERP. CERP also includes seven Critical Restoration Projects, for which Project Cooperative Agreements were executed by the USACE and the District.

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT**  
**ACTIVITY BY EXPENDITURE CATEGORY**

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

**2.3 - Surface Water Projects**

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current-Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative - Current)	% of Change (Tentative - Current)
Salaries and Benefits	\$ 10,993,696	\$ 11,460,586	\$ 13,313,522	\$ 15,184,141	\$ 13,111,337	\$ (2,072,804)	-13.7%
Other Personal Services	\$ 5,331,651	\$ -	\$ -	\$ -	\$ -	\$ -	
Contracted Services	\$ -	\$ 11,312,316	\$ 10,145,054	\$ 30,444,724	\$ 62,328,407	\$ 31,883,683	104.7%
Operating Expenses	\$ 7,180,117	\$ 11,672,532	\$ 7,764,066	\$ 6,504,722	\$ 3,968,566	\$ (2,536,156)	-39.0%
Operating Capital Outlay	\$ 9,482,281	\$ 8,745,425	\$ 14,137,987	\$ 6,477,116	\$ 8,163,140	\$ 1,686,024	26.0%
Fixed Capital Outlay	\$ 19,795,558	\$ 86,432,371	\$ 108,097,646	\$ 228,273,359	\$ 210,002,140	\$ (18,271,219)	-8.0%
Interagency Expenditures (Cooperative Funding)	\$ 1,054,306	\$ 1,571,711	\$ 1,256,463	\$ 1,316,846	\$ 664,928	\$ (651,918)	-49.5%
Debt	\$ 35,236,168	\$ 35,185,840	\$ 35,182,247	\$ 35,165,372	\$ 32,029,525	\$ (3,135,847)	-8.9%
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL</b>	<b>\$ 89,073,777</b>	<b>\$ 166,380,781</b>	<b>\$ 189,896,985</b>	<b>\$ 323,366,280</b>	<b>\$ 330,268,043</b>	<b>\$ 6,901,763</b>	<b>2.1%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	<b>TOTAL</b>
Fiscal Year 2016-17	\$ 48,831,477	\$ 41,211,811	\$ -	\$ 620,000	\$ 235,712,420	\$ 3,892,335	\$ 330,268,043

**OPERATING AND NON-OPERATING**

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	<b>TOTAL</b>
Salaries and Benefits	\$ 13,111,337	\$ -	\$ 13,111,337
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 6,524,044	\$ 55,804,363	\$ 62,328,407
Operating Expenses	\$ 3,602,097	\$ 366,469	\$ 3,968,566
Operating Capital Outlay	\$ 1,552,600	\$ 6,610,540	\$ 8,163,140
Fixed Capital Outlay	\$ 57,352,986	\$ 152,649,154	\$ 210,002,140
Interagency Expenditures (Cooperative Funding)	\$ 364,928	\$ 300,000	\$ 664,928
Debt	\$ 31,055,468	\$ 974,057	\$ 32,029,525
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 113,563,460</b>	<b>\$ 216,704,583</b>	<b>\$ 330,268,043</b>

**Changes and Trends:** A detailed description of variances, changes and trends, and major budget items for District Everglades and CERP is contained in the District Specific Programs on pages 140 – 145.

Dispersed Water Management - The DWM program continues to provide opportunities to partner with other entities on water retention/storage projects. Existing projects include interim water retention projects on District lands, cooperative partnerships with private landowners, Northern Everglades Payment for Environmental Services (NE-PES) on ranch lands, and water farming pilots on fallow citrus lands, primarily in the Northern Everglades region. Through these projects, 87,278 acre-feet of storage is currently available to help offset any necessary regulatory releases from Lake Okeechobee; a potential 285,143 acre-feet of storage is in various stages of planning, design, or construction. During the 2016 session, the Legislature and the Governor appropriated \$47.8 million for new DWM capital improvements projects. Funding allocation has not been determined by DACS and FDEP. The continued success of this program is contingent upon annual legislative appropriations.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents a net increase of \$6.9 million from the Fiscal Year 2015-16 amended budget. This includes increases in cash flow needs for Lake Hicpochee (\$16.4 million), Lakeside Ranch (\$5 million), and projects within CERP (\$1.4 million), as well as new appropriated funding for NEEPP- Public-Private Partnerships (\$47.8 million); offset by decreased cash flow needs for Kissimmee River Restoration Land Acquisition (\$31.4 million), Restoration Strategies (\$20.7 million), Rolling Meadows Wetland Restoration (\$4.2 million), and C-43 Bioassays and Mesocosms (\$356,168), as well as a reduction in rebudgeted state appropriations for Dispersed Water Management (\$4.8 million) and a decrease in salary and benefits (\$2.2 million).

A detailed description of variances, changes and trends, and major budget items for District Everglades and CERP is contained in the District Specific Programs on pages 140 – 145.

**Major Budget Items:** A detailed description of variances, changes and trends, and major budget items for District Everglades (\$71.3 million) and CERP (\$151.0 million) is contained in the District Specific Programs on pages 140 – 145. Additional major items:

- Dispersed Water Management Program: DWM existing projects (\$5 million), Allapattah Ranch NRCS Wetlands Reserve Program (\$2.6 million). NEEPP – Public-Private Partnerships (\$47.8 million) funds were appropriated to FDEP. It is anticipated that these funds will be transferred to SFWMD as contractual details are resolved subject to Governing Board review.
- Caloosahatchee River and Estuary projects: Lake Hicpochee Hydrologic Enhancement Project (\$29.2 million, including \$16.9 million for land acquisition) and C-43 Bioassays and Mesocosms (\$1.1 million).
- Lake Okeechobee BMAP - Lakeside Ranch STA Phase II (\$17.6 million).
- Kissimmee Watershed Projects: Rolling Meadows Wetland Restoration (\$248,295) and Kissimmee Chain of Lakes and Kissimmee Upper Basin Long-Term Management (\$188,141).
- Kissimmee River Restoration and Headwaters Revitalization: Kissimmee River Restoration Evaluation Program (\$1.2 million); Kissimmee Hydrologic Monitoring and Network Maintenance (\$334,401), and Kissimmee River Restoration Construction – USACE Project Coordination (\$80,203).
- Lake Okeechobee Regional Phosphorus Control (\$327,565).
- Lake Okeechobee Regulation Schedule/Operations (\$128,348).

Items funded with reserves without restrictions include: Restoration Strategies Projects (including science plan, source control, G-716 Structure Expansion, MECCA FEB Replacement Features, A-1 FEB Recreation Features, STA1W Expansion #1, and STA 1WX#2 Land Acquisition), Kissimmee River Restoration contracted land acquisition support, Lakeside Ranch STA Phase II, L-31 East Flow Way, C-111 Spreader Canal, Southern CREW, Taylor Slough Infrastructure Modification, Kissimmee River ASR, Lake Hicpochee Hydrologic Enhancement Project, and C-43 Bioassays and Mesocosms Project.

Items funded with reserves with restrictions include: EFA Acceler8 Debt Service, Rolling Meadows Wetland Restoration Project, C-111 South Dade Federal Project, and Decom Physical Model Project.

## 2.4 Other Cooperative Projects

**District Description:** This activity includes non-water source development cooperative water conservation efforts between the District and other organizations. This does not include a project resulting in a capital facility that is owned or operated by the District. The District's water conservation program components are organized into regulatory, voluntary and incentive-based, and education and marketing initiatives, and are designed to build on and complement successful water conservation initiatives at the local, state, and national levels. The program is dynamic and adaptable, with an on-going commitment to explore and consider additional water-saving opportunities, technologies, research, and partnerships.

### SOUTH FLORIDA WATER MANAGEMENT DISTRICT

#### ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 2.4 - Other Cooperative Projects

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 298,744	\$ 300,888	\$ 277,462	\$ 266,327	\$ 230,754	\$ (35,573)	-13.4%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Expenses	\$ 12,445	\$ 654	\$ 312	\$ -	\$ -	\$ -	-
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ 376,531	\$ 325,000	\$ 167,750	\$ 130,000	\$ 130,000	\$ -	0.0%
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 687,720</b>	<b>\$ 626,542</b>	<b>\$ 445,524</b>	<b>\$ 396,327</b>	<b>\$ 360,754</b>	<b>\$ (35,573)</b>	<b>-9.0%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	<b>TOTAL</b>
Fiscal Year 2016-17	\$ 305,754	\$ 55,000	\$ -	\$ -	\$ -	\$ -	\$ 360,754

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	<b>TOTAL</b>
Salaries and Benefits	\$ 230,754	\$ -	\$ 230,754
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ -	\$ -	\$ -
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ 75,000	\$ 55,000	\$ 130,000
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 305,754</b>	<b>\$ 55,000</b>	<b>\$ 360,754</b>

**Changes and Trends:** Continuing efforts include a mobile irrigation lab in the Big Cypress Basin (Collier County) providing water conservation information and irrigation system evaluations to increase design and operating efficiency of urban irrigation systems and the Florida Automated Weather Network (FAWN). The BCB Mobile Irrigation lab and FAWN will continue at the same level of funding in Fiscal Year 2016-17.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents a decrease of \$35,573 from the Fiscal Year 2015-16 amended budget due to reduced salary and benefit costs.

**Major Budget Items:** Salaries and benefits (\$230,754), FAWN (\$75,000), and the BCB Urban Mobile Irrigation Lab (\$55,000).

The BCB Urban Mobile Irrigation Lab is funded with reserves with restrictions.

## 2.5 Facilities Construction and Major Renovations

**District Description:** Proposed work for facilities improvement includes project management, permitting, and conceptual, preliminary, and detailed engineering for the development and preparation of contract plans and specifications for the construction of planned replacement, improvement, or repair to the District's administrative facilities.

### SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 2.5 - Facilities Construction and Major Renovations

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 38,061	\$ 47,689	\$ 471	\$ -	\$ -	\$ -	-
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Capital Outlay	\$ 38,088	\$ 98,507	\$ 6,463	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ 922,327	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 76,149</b>	<b>\$ 1,068,523</b>	<b>\$ 6,934</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ -	\$ -	\$ -
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ -	\$ -	\$ -
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Changes and Trends:** There is no funding for this activity. Only historical activity is presented.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents no change from the Fiscal Year 2015-16 amended budget.

**Major Budget Items:** None.

There are no items funded with reserves.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 2.7 Technology and Information Services

**District Description:** This activity includes computer hardware and software, data lines, computer support and maintenance, IT consulting services, data centers, network operations, web support and updates, desktop support, and application development that support the Water Resources Planning and Monitoring program and related activities.

Information technology items (salaries, contractors, hardware / software maintenance, and other operating costs) are directly charged to operational activities of District core functions where there is a clear linkage between the operational activity and the information technology system, application or staff that is used to support the operational activities.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT

##### ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 2.7 - Technology and Information Services

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative - Current)	% of Change (Tentative - Current)
Salaries and Benefits	\$ 507,849	\$ 553,958	\$ 569,801	\$ 652,734	\$ 748,716	\$ 95,982	14.7%
Other Personal Services	\$ 267,481	\$ 165,752	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ 57,483	\$ 169,568	\$ 173,468	\$ 134,003	\$ (39,465)	-22.8%
Operating Expenses	\$ 742,084	\$ 634,193	\$ 542,324	\$ 608,776	\$ 623,353	\$ 14,577	2.4%
Operating Capital Outlay	\$ -	\$ -	\$ 21,143	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 1,517,414</b>	<b>\$ 1,411,386</b>	<b>\$ 1,302,836</b>	<b>\$ 1,434,978</b>	<b>\$ 1,506,072</b>	<b>\$ 71,094</b>	<b>5.0%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 1,506,072	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,506,072

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 748,716	\$ -	\$ 748,716
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 134,003	\$ -	\$ 134,003
Operating Expenses	\$ 623,353	\$ -	\$ 623,353
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 1,506,072</b>	<b>\$ -</b>	<b>\$ 1,506,072</b>

**Changes and Trends:** This activity represents a continuation level from Fiscal Year 2015-16.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents an increase of \$71,094 from the Fiscal Year 2015-16 amended budget primarily due to an increase in salaries and benefits (\$95,982), and an increase in Operating Expenses for computer software maintenance (\$14,577), partially offset by a \$39,465 decrease in computer support services.

**Major Budget Items:** Major budget items include \$471,683 for software maintenance, \$100,153 for computer consulting services (enterprise resource planning and IT security), \$44,121 for hardware maintenance, \$63,850 for copier/printer leases, and \$77,549 for communication service.

There are no items funded with reserves.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 3.0 Operation and Maintenance of Lands and Works

This program includes all operation and maintenance of facilities, flood control and water supply structures, lands, and other works authorized by Chapter 373, F.S. The increase of 3 FTEs in this program is offset by a decrease in benefit costs.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 3.0 Operation and Maintenance of Lands and Works

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative - Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 63,203,613	\$ 64,923,229	\$ 61,333,323	\$ 70,699,722	\$ 69,083,460	\$ (1,616,262)	-2.3%
Other Personal Services	\$ 7,427,899	\$ 1,270,985	\$ 23,290	\$ 96,000	\$ 96,000	\$ -	0.0%
Contracted Services	\$ -	\$ 6,447,664	\$ 8,329,393	\$ 25,040,462	\$ 15,899,632	\$ (9,140,830)	-36.5%
Operating Expenses	\$ 78,152,434	\$ 58,865,630	\$ 60,028,335	\$ 82,497,797	\$ 83,405,446	\$ 907,649	1.1%
Operating Capital Outlay	\$ 4,481,178	\$ 5,517,180	\$ 8,633,716	\$ 9,996,099	\$ 12,398,576	\$ 2,402,477	24.0%
Fixed Capital Outlay	\$ 12,710,939	\$ 25,243,052	\$ 19,428,281	\$ 44,225,102	\$ 31,589,686	\$ (12,635,416)	-28.6%
Interagency Expenditures (Cooperative Funding)	\$ 4,713,514	\$ 668,060	\$ 519,796	\$ 594,200	\$ 581,200	\$ (13,000)	-2.2%
Debt	\$ 6,900,786	\$ 6,888,598	\$ 6,874,200	\$ 6,865,538	\$ -	\$ (6,865,538)	-100.0%
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ 60,015,738	\$ 60,015,738	\$ -	0.0%
<b>TOTAL</b>	<b>\$ 177,590,363</b>	<b>\$ 169,824,398</b>	<b>\$ 165,170,334</b>	<b>\$ 300,030,658</b>	<b>\$ 273,069,738</b>	<b>\$ (26,960,920)</b>	<b>-9.0%</b>

#### SOURCE OF FUNDS

Fiscal Year 2016-17

	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Salaries and Benefits	\$ 66,753,854	\$ 685,087	\$ -	\$ 100,800	\$ 456,717	\$ 1,087,002	\$ 69,083,460
Other Personal Services	\$ 96,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 96,000
Contracted Services	\$ 7,629,235	\$ 5,330,277	\$ -	\$ -	\$ 2,899,772	\$ 40,348	\$ 15,899,632
Operating Expenses	\$ 65,680,229	\$ 2,539,359	\$ -	\$ 229,200	\$ 13,123,911	\$ 1,832,747	\$ 83,405,446
Operating Capital Outlay	\$ 6,201,857	\$ 6,196,719	\$ -	\$ -	\$ -	\$ -	\$ 12,398,576
Fixed Capital Outlay	\$ 30,833,796	\$ 755,890	\$ -	\$ -	\$ -	\$ -	\$ 31,589,686
Interagency Expenditures (Cooperative Funding)	\$ 521,200	\$ -	\$ -	\$ -	\$ 60,000	\$ -	\$ 581,200
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ 60,015,738	\$ -	\$ -	\$ -	\$ -	\$ 60,015,738
<b>TOTAL</b>	<b>\$ 177,716,171</b>	<b>\$ 75,523,070</b>	<b>\$ -</b>	<b>\$ 330,000</b>	<b>\$ 16,540,400</b>	<b>\$ 2,960,097</b>	<b>\$ 273,069,738</b>

#### RATE, OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Workforce	Rate (Salary without benefits)	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	754	\$ 46,769,289	\$ 69,083,460	\$ -	\$ 69,083,460
Other Personal Services	1	\$ 96,000	\$ 96,000	\$ -	\$ 96,000
Contracted Services	-	\$ -	\$ 8,069,355	\$ 7,830,277	\$ 15,899,632
Operating Expenses			\$ 80,851,087	\$ 2,554,359	\$ 83,405,446
Operating Capital Outlay			\$ 6,201,857	\$ 6,196,719	\$ 12,398,576
Fixed Capital Outlay			\$ 26,333,796	\$ 5,255,890	\$ 31,589,686
Interagency Expenditures (Cooperative Funding)			\$ 581,200	\$ -	\$ 581,200
Debt			\$ -	\$ -	\$ -
Reserves - Emergency Response			\$ -	\$ 60,015,738	\$ 60,015,738
<b>TOTAL</b>			<b>\$ 191,216,755</b>	<b>\$ 81,852,983</b>	<b>\$ 273,069,738</b>

#### WORKFORCE

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

WORKFORCE CATEGORY	Fiscal Year					Current to Tentative 2015-16 to 2016-17	
	2012-13	2013-14	2014-15	2015-16	2016-17	Difference	% Change
Authorized Positions	775	768	741	751	754	3	0.40%
Contingent Worker	0	0	0	0	0	-	-
Other Personal Services	11	9	1	1	1	-	0.00%
Intern	0	0	0	0	0	-	-
Volunteer	0	0	0	0	0	-	-
<b>TOTAL WORKFORCE</b>	<b>786</b>	<b>777</b>	<b>742</b>	<b>752</b>	<b>755</b>	<b>3</b>	<b>0.40%</b>

**South Florida Water Management District**  
**REDUCTIONS - NEW ISSUES**  
**3.0 Operation and Maintenance of Lands and Works**  
**Fiscal Year 2016-17**  
**Tentative Budget - August 1, 2016**

FY 2015-16 Budget (Current-Amended) 751.10 \$ 300,030,658					
Reductions					
Issue	Description	Issue Amount	Workforce	Category Subtotal	Issue Narrative
Salaries and Benefits			-	(1,999,333)	
1	Decrease in Total Fringe Benefits	(1,999,333)			
Other Personal Services			-	-	
Contracted Services				(13,089,823)	
2	Decrease in Cont Serv - Advertising Services	(500)			
3	Decrease in Cont Serv - External Provider	(9,666,826)			
4	Decrease in Cont Serv - Non Capital Appraisal Fees	(99,069)			
5	Decrease in Cont Serv - IT Consulting Services (NON-OPS)	(189,428)			
6	Decrease in FY16 SIP (C&SF/BCB)	(779,000)			
7	Decrease in FY16 SIP (STA)	(600,000)			
8	Decrease in CP Vertical Datum - NAV88 STA BB13	(755,000)			
9	Decrease in FY16 SCADA Stilling Well C&SF	(500,000)			
10	Decrease in FY16 SCADA Stilling Well STA	(500,000)			
Operating Expenses				(8,163,764)	
11	Decrease in Cont Serv - Aquatic Spraying	(606,570)			
12	Decrease in Cont Serv - Janitorial Services	(1,700)			
13	Decrease in Cont Serv - Maint & Repairs - Computer Hardware	(102,828)			
14	Decrease in Cont Serv - Maint & Repairs - Computer Software	(120,216)			
15	Decrease in Cont Serv - Maint & Repairs - District Works	(3,213)			
16	Decrease in Cont Serv - Maint & Repairs - Vehicles	(730)			
17	Decrease in Cont Serv - Maintenance and Repairs	(1,529,941)			
18	Decrease in Cont Serv - Mowing-Canals/Levees	(24,818)			
19	Decrease in Cont Serv - Mowing-Field/Pump Stations	(2,314)			
20	Decrease in Cont Serv - Terrestrial Spraying	(121,150)			
21	Decrease in ISF - Medical Claims Paid	(810,607)			
22	Decrease in Operating Expenses	(236)			
23	Decrease in Oper Expense - Freight	(374)			
24	Decrease in Oper Expense - Inventory Oils/Lubricants/Solvents	(651)			
25	Decrease in Oper Expense - Parts and Supplies	(8,788)			
26	Decrease in Oper Expense - Parts, Supp - Water Control Struct	(144,800)			
27	Decrease in Oper Expense - Parts, Supp - Fleet	(25,709)			
28	Decrease in Oper Expense - Property Taxes Paid for Dist Prop	(785,869)			
29	Decrease in Oper Expense - Rent/Lease Equipment	(7,873)			
30	Decrease in Oper Expense - Self-Insurance Charges	(26,427)			
31	Decrease in Oper Expense - Space Rental	(150,560)			
32	Decrease in Oper Expense - Utilities	(172,996)			
33	Decrease in ISF - Medical/Life Insurance - Retirees	(486,000)			
34	Decrease in Oper Expense - Tools/Equipment/PPE	(60,487)			
35	Decrease in C-139 Annex Restoration Project	(800,000)			
36	Decrease in J.W. Corbett Levee Improvement	(98,427)			
37	Decrease in CP C-100A Canal Rehabilitation	(100,000)			
38	Decrease in FY16 PC Culvert	(505,600)			
39	Decrease in FY16 Gate Overhaul C&SF	(179,677)			
40	Decrease in FY16 Gate Overhaul STA	(34,745)			
41	Decrease in CP STA Fuel Tank Platforms	(255,458)			
42	Decrease in CP Generator Replacement Program	(195,000)			
43	Decrease in CP Hillsboro Canal Bank Stabilization	(100,000)			
44	Decrease in CP FY16 Pump Engine Overhaul	(700,000)			



**South Florida Water Management District**  
**REDUCTIONS - NEW ISSUES**  
**3.0 Operation and Maintenance of Lands and Works**  
**Fiscal Year 2016-17**  
**Tentative Budget - August 1, 2016**

Reductions					Issue Narrative
Issue	Description	Issue Amount	Workforce	Category Subtotal	
Operating Capital Outlay				(4,366,800)	
45	Decrease in Capital Outlay - AUC Design/Engineering Contracts	(1,550,000)			
46	Decrease in CP SCADA Replacement	(1,942,157)			
47	Decrease in CP S9 Access Bridge Replacement	(874,643)			
Fixed Capital Outlay				(23,531,888)	
48	Decrease in BCB Field Station Relocation	(1,132,878)			
49	Decrease in Capital Outlay - AUC Water Control Structures	(1,916,700)			
50	Decrease in Capital Outlay - LIP Land	(1,680,000)			
51	Decrease in CP S-13 Repowering and Automation	(1,116,000)			
52	Decrease in CP S-46 Proj Planning, Design & Constr	(3,600,000)			
53	Decrease in CP C-4 Canal Bank Improvements	(3,130,666)			
54	Decrease in CP Shelters (IT) 8	(4,083,000)			
55	Decrease in CP North Shore Path - Command & Control	(1,839,850)			
56	Decrease in CP North Shore Path - Automation	(4,114,194)			
57	Decrease in CP PSs S9/9A Trash Rakes & Refurbishment	(450,000)			
58	Decrease in DuPuis Equestrian Center Rest Room	(421,500)			
59	Decrease in Micco Landing Trailhead Turnout Modificat	(44,000)			
60	Decrease in Public Use Capital Imp. Proj- Group A	(3,100)			
Interagency Expenditures (Cooperative Funding)				(13,000)	
61	Decrease in Oper Expense - Interagency State of FL	(13,000)			
Debt				(6,865,538)	
62	Decrease in Interest Expense - 2002 Bonds	(49,500)			
63	Decrease in Interest Expense - 2003 Bonds	(111,038)			
64	Decrease in Principal Retirement - 2002 Bonds	(2,475,000)			
65	Decrease in Principal Retirement - 2003 Bonds	(4,230,000)			
Reserves				-	
<b>TOTAL REDUCTIONS</b>			-	(58,030,146)	

**South Florida Water Management District**  
**REDUCTIONS - NEW ISSUES**  
**3.0 Operation and Maintenance of Lands and Works**  
**Fiscal Year 2016-17**  
**Tentative Budget - August 1, 2016**

New Issues					Issue Narrative
Issue	Description	Issue Amount	Workforce	Category Subtotal	
Salaries and Benefits			2.95	383,071	Overall decrease due to a reduction in benefits offset by an increase of 2.95 FTEs.
1	Increase in Total Salaries and Wages	383,071	2.95		
Other Personal Services			0.00	-	
Contracted Services				3,948,993	Overall decrease of \$9.1M. External Provider shows the largest decrease and that is due to a \$8.7M one time operating transfer within the mitigation funds in FY16. O&M 2.0 was a one time budgeted amount in FY16. The NAVD88 project has an increase in funding as it moves to its next phase which includes the Big Cypress Basin region as well as ongoing updates within the C&SF system. This project is part of the O&M Capital Program. The FY17 Inspection Programs along with the FY17 SCADA Stilling Well/Platform projects are ongoing and are part of the O&M Capital Program.
2	Increase in Cont Serv - Alligator Protection Services	2,145			
3	Increase in Cont Serv - Professional	96,300			
4	Increase in Cont Serv - Road Grading Services	288			
5	Increase in CP Fall Protection Improvemnts CA04	725,000			
6	Increase in CP Vertical Datum - NAV88	745,260			
7	Increase in FY17 Inspection Programs (CS&F/BCB)	773,000			
8	Increase in FY17 Inspection Programs (STA)	607,000			
9	Increase in CP FY17 SCADA Still Well/Platfrm STA	250,000			
10	Increase in CP FY17 SCADA Still Well/Platfrm CJ05	750,000			
Operating Expenses				9,071,413	Operating Expense had an overall increase of \$0.9M. Increases are primarily for the O&M Capital Program projects including the West Palm Beach Field Station (WPBFS) Service Area (PC) Project Culverts, C-23/C-25 Canal Bank Stabilization, S-319 Automatic Transfer Switch Replacement, S-40/S-41/S-44 Gate/Lift Hoist Replacements and the G-310/G-335 Trash Rake Improvements project. The C-139 Annex Project had an overall net change of \$1.0M as the \$800K in project funding has moved from operating expense to operating capital outlay as the project is moving into the construction phase and less land preparation and clearing is needed during construction. The PC Culvert In-Kind Replacements and Pump Engine & Gate Overhaul projects are ongoing O&M Capital Program projects
11	Increase in Cont Serv - Equipment Inspections	380			
12	Increase in Cont Serv - General Maintenance	25,895			
13	Increase in Cont Serv - Land Management	86,843			
14	Increase in Cont Serv - Maint Repairs - Environ	23,726			
15	Increase in Cont Serv - Maint Repairs - Equipment	18,664			
16	Increase in Cont Serv - Security Services	11,442			
17	Increase in Cont Serv - Surveying Services	4,609			
18	Increase in Cont Serv - Waste Disposal Services	761			
19	Increase in Oper Expense - Construction Materials	10,794			
20	Increase in Oper Expense - District Travel	16,154			
21	Increase in Oper Expense - District Uniforms	123			
22	Increase in Oper Expense - Electrical Service	68,590			
23	Increase in Oper Expense - Inventory Chemicals	240,142			
24	Increase in Oper Expense - Inventory Other Fuels	36,634			
25	Increase in Oper Expense - Inventory Parts/Supp	70,874			
26	Increase in Oper Expense - Other	3,805			
27	Increase in Oper Expense - Other Fees	667			
28	Increase in Oper Expense - Parts,Supp - Agricultural	250			
29	Increase in Oper Expense - Parts,Supp - Build &	2,309			
30	Increase in Oper Expense - Parts,Supp - Electrical	11,802			
31	Increase in Operating Expenses	1,336			
32	Increase in Oper Expense - Permits & Fees	2,422			
33	Increase in Operating Expenses	6,700			
34	Increase in Oper Expense - Vehicle Fuel Card	52,555			
35	Increase in Oper Expense - Payment in Lieu of Taxes	10			
36	Increase in Oper Expense - Liquid Propane Fuel	701			
37	Increase in Oper Expense - Waste Disposal Fees	1,700			
38	Increase in Oper Expense - Cell Phone Stipend	12,061			
39	Increase in Oper Expense - Parts, Supp - Maint Supp	142,402			
40	Increase in S319 Automatic Transfer Switch Replace	1,300,000			
41	Increase in CP WPBFS Service Area PC	2,094,740			
42	Increase in CP C23 - C25 Bank Stabilization	1,500,000			
43	Increase in CP S40 S41 S44 Gate/Lift Hoist Replcmnt	851,000			
44	Increase in CP FY17 Pump Engine Overhaul	1,096,140			
45	Increase in CP FY17 PC Culvert In-Kind Repl	629,888			
46	Increase in CP FY17 Gate Overhaul Program C&SF	209,225			
47	Increase in CP FY17 Gate Overhaul Program STA	30,869			
48	Increase in CP G310, G335 Trash Rk	505,200			

**South Florida Water Management District**  
**REDUCTIONS - NEW ISSUES**  
**3.0 Operation and Maintenance of Lands and Works**  
**Fiscal Year 2016-17**  
**Tentative Budget - August 1, 2016**

New Issues					Issue Narrative
Issue	Description	Issue Amount	Workforce	Category Subtotal	
Operating Capital Outlay				6,769,277	Overall increase of \$2.4M, primarily due to O&M Capital projects such as the S-140 Trash Rake and the SCADA System Replacement. The replacement of some of the District's heavy equipment and a tow/aquatic boat for the BCB Field Station activities. The C-139 Annex Project had an overall net change of \$1.0M as \$0.8M in project funding has moved from operating expense to operating capital outlay as the project is moving into the construction phase.
49	Increase in Capital Outlay - Equipment	765,138			
50	Increase in Capital Outlay - Vehicles	23,686			
51	Increase in Capital Outlay - Boats	150,000			
52	Increase in C-139 Annex Restoration Project	1,800,000			
53	Increase in CP S-140 Trash Rake	2,030,453			
54	Increase in CP SCADA Replacement	2,000,000			
Fixed Capital Outlay				10,896,472	Overall decrease of \$12.6M, primarily attributed to completion of capital projects within the O&M Capital program as well as the completion of construction on the BCB Field Station. The increases/decreases reflect multi-year project completion, continuation requirements and the first year construction and design of the listed projects in this section. Capital Outlay Land decreased \$1.7M due to Land Acquisition using Lake Belt Mitigation funds.
55	Increase in Capital Outlay - AUC Improve Other Than	8,000			
56	Increase in CP S5A Refurbishment	1,950,000			
57	Increase in CP G103 Weir Replacement	137,407			
58	Increase in CP G123 PS Refurb & S34 Gate Rep/Auto	3,461,206			
59	Increase in CP B-66 Tower Replacement	2,100,000			
60	Increase in S-151 Structure Replacement	1,678,289			
61	Increase in GG Canal Weir #4 Replacement	11,900			
62	Increase in CP S351 S354 Lift Mech Manatee Prot	769,152			
63	Increase in CP G370, G372 Comm Tower Grounding	210,000			
64	Increase in CP Homestead FS B230 Replacement	570,518			
Interagency Expenditures (Cooperative Funding)				-	
Debt				-	
Reserves				-	
<b>TOTAL NEW ISSUES</b>			<b>2.95</b>	<b>31,069,226</b>	
<b>3.0 Operation and Maintenance of Lands and Works</b>					
<b>Total Workforce and Tentative Budget for FY 2016-17</b>			<b>754.05</b>	<b>\$ 273,069,738</b>	

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 3.1 Land Management

**District Description:** Maintenance, custodial, public use improvements, and restoration efforts for lands acquired through Save Our Rivers, Preservation 2000, Florida Forever, or other land acquisition programs. The District manages lands in accordance with the objectives of the state's Save Our Rivers and Florida Forever programs and in accordance with Florida Statute 373.1391. There are two major land management initiatives:

- Conservation Lands - The Conservation lands management objectives require that these lands be restored to and maintained in a native state and condition and be available for resource based recreation such as hiking, camping, horseback riding, boating, hunting and fishing. The maintenance and restoration needs for these properties usually involve the control of invasive exotic vegetation, removal of ditches and levees needed to restore the natural flow of water, utilization of prescribed fire, and the control of woody vegetation through mechanical means as necessary to restore and manage native plant communities. In areas of severe degradation, habitats may be restored through the direct planting of native plant species.
- Water Resource Project Lands - Interim land management responsibilities for water resource project lands is to provide basic land management services for properties acquired by the District for future water resource projects, including CERP and other projects until the land is needed for construction. These lands will ultimately be used as stormwater treatment areas, surface water reservoirs, ground water recharge areas, and / or buffer lands between constructed projects and lands under private ownership. These lands are not specifically acquired or designated for environmental enhancement, restoration or preservation purposes, and generally have limited recreational value due to previous and sometimes on-going agricultural use.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT

##### ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

##### 3.1 - Land Management

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative - Current)	% of Change (Tentative - Current)
Salaries and Benefits	\$ 3,241,273	\$ 3,486,999	\$ 3,440,446	\$ 4,328,719	\$ 4,344,954	\$ 16,235	0.4%
Other Personal Services	\$ 805,127	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ 741,143	\$ 755,124	\$ 14,685,057	\$ 5,755,743	\$ (8,929,314)	-60.8%
Operating Expenses	\$ 1,941,337	\$ 2,571,695	\$ 2,689,350	\$ 4,574,459	\$ 3,213,729	\$ (1,360,730)	-29.7%
Operating Capital Outlay	\$ 474,544	\$ 1,052,524	\$ 62,455	\$ 3,000,000	\$ 4,800,000	\$ 1,800,000	60.0%
Fixed Capital Outlay	\$ -	\$ -	\$ 360,995	\$ 7,039,990	\$ 5,320,890	\$ (1,719,100)	-24.4%
Interagency Expenditures (Cooperative Funding)	\$ -	\$ 44,419	\$ 14,806	\$ -	\$ -	\$ -	-
Debt	\$ 6,900,786	\$ 6,888,598	\$ 6,874,200	\$ 6,865,538	\$ -	\$ (6,865,538)	-100.0%
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 13,363,067</b>	<b>\$ 14,785,378</b>	<b>\$ 14,197,376</b>	<b>\$ 40,493,763</b>	<b>\$ 23,435,316</b>	<b>\$ (17,058,447)</b>	<b>-42.1%</b>

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 10,065,269	\$ 12,754,348	\$ -	\$ 15,000	\$ 558,038	\$ 42,661	\$ 23,435,316

##### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 4,344,954	\$ -	\$ 4,344,954
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 465,966	\$ 5,289,777	\$ 5,755,743
Operating Expenses	\$ 1,932,044	\$ 1,281,685	\$ 3,213,729
Operating Capital Outlay	\$ -	\$ 4,800,000	\$ 4,800,000
Fixed Capital Outlay	\$ 65,000	\$ 5,255,890	\$ 5,320,890
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 6,807,964</b>	<b>\$ 16,627,352</b>	<b>\$ 23,435,316</b>

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

**Changes and Trends:** The District is complying with the direction set by the Governor and Legislature to streamline budgets and focus agency resources on its core mission. Land management activities continue to be funded through the use of ad-valorem, mitigation, state revenues from the Land Acquisition Trust Fund and lease revenues. Land Acquisition Trust Fund revenues have enabled the District to maintain the level of service by funding maintenance, and land management needs. Lease revenue generated from lands acquired through the Save Our Everglades Trust Fund and through the use of Federal grant funds is being used to support land management activities, payment in lieu of taxes and reduce ad valorem expenditures. While management of District owned lands is mandated by statute, there is discretion regarding the level of service.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents a net decrease of \$17.1 million from the amended Fiscal Year 2015-16 budget of \$40.5 million. This is primarily due to a net decrease of \$8.9 million in Contracted Services from pass-through funding to the Miami-Dade Limestone Products Association for the C-139 Annex Restoration project, Dade-Broward levee repair and an additional 3 miles of the L-31 East Flow Way. There was a decrease in Operating Expenses of \$1.4 million mainly due the C-139 Annex Restoration project and Property Assessments. Operating Capital had a net increase of \$1.8 million for additional C-139 Annex Restoration project work. Land Acquisition had a net decrease of \$1.7 Million and there is a Debt service reduction of \$6.9 million for land acquisition, debt that was retired in Fiscal Year 2015-16.

**Major Budget Items:** The Fiscal Year 2016-17 tentative budget highlights restoration efforts and continued land management activities. \$16.3 million in Lake Belt Mitigation funds is for Land Acquisition, C-139 Annex Restoration and pass-through funding to the Miami-Dade Limestone Products Association for future Dade-Broward levee repair. \$1.0 million is for equipment and infrastructure maintenance repairs. \$995,297 for Vegetation Management. \$121,195 for Payment in Lieu of Taxes (PILT). \$312,038 in Land Acquisition Trust Fund revenue is funding equipment maintenance, and land management activities. The District plans to continue partnerships with state agencies such as Florida Fish and Wildlife Conservation Commission (FWC) for enhanced patrols on district and project lands in the amount of \$417,192.

Items funded with reserves with restrictions include land management activities for new works coming on board in Fiscal Year 2016-17, on-going work on the C-139 Annex Restoration project, prior year Lake Belt Mitigation funds for pass through funding to the Miami-Dade Limestone Products Association for Dade-Broward levee repair, prior year Wetlands Mitigation and lease revenue funds for public use and security, restoration, payment in lieu of taxes, monitoring and vegetation management, land acquisition and appraisal for leases. Includes \$641,996 for salaries and benefits.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 3.2 Works

**District Description:** The expanded works of the District are an integral part of the operations and maintenance of the C&SF Project. Today's multi-purpose water management system comprises 4,098 miles of canals and levees, 692 water control structures and weirs, 71 pumping stations and 618 smaller project culverts. To ensure operational readiness of the flood control system, preventative maintenance must be continuously performed. Most portions of the system were constructed 30-50 years ago and are reaching the end of their design life. Consequently, major refurbishment of various components of the Flood Control Project is now required in order to sustain the viability of the system.

### SOUTH FLORIDA WATER MANAGEMENT DISTRICT

#### ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 3.2 - Works

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative - Current)	% of Change (Tentative - Current)
Salaries and Benefits	\$ 46,050,252	\$ 46,966,727	\$ 44,216,423	\$ 49,843,600	\$ 48,047,332	\$ (1,796,268)	-3.6%
Other Personal Services	\$ 4,445,120	\$ 357,037	\$ 2,735	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ 4,674,761	\$ 6,240,568	\$ 8,825,221	\$ 8,863,133	\$ 37,912	0.4%
Operating Expenses	\$ 56,100,358	\$ 32,791,214	\$ 35,233,669	\$ 47,577,901	\$ 49,156,473	\$ 1,578,572	3.3%
Operating Capital Outlay	\$ 3,595,941	\$ 3,828,322	\$ 8,270,978	\$ 6,686,987	\$ 7,444,326	\$ 757,339	11.3%
Fixed Capital Outlay	\$ 12,710,939	\$ 25,206,013	\$ 19,067,286	\$ 37,185,112	\$ 26,268,796	\$ (10,916,316)	-29.4%
Interagency Expenditures (Cooperative Funding)	\$ 4,360,448	\$ 274,703	\$ 225,756	\$ 181,700	\$ 181,700	\$ -	0.0%
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ 60,015,738	\$ 60,015,738	\$ -	0.0%
<b>TOTAL</b>	<b>\$ 127,263,058</b>	<b>\$ 114,098,777</b>	<b>\$ 113,257,415</b>	<b>\$ 210,316,259</b>	<b>\$ 199,977,498</b>	<b>\$ (10,338,761)</b>	<b>-4.9%</b>

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 132,933,294	\$ 61,412,457	\$ -	\$ 315,000	\$ 3,063,186	\$ 2,253,561	\$ 199,977,498

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 48,047,332	\$ -	\$ 48,047,332
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 6,363,133	\$ 2,500,000	\$ 8,863,133
Operating Expenses	\$ 49,156,473	\$ -	\$ 49,156,473
Operating Capital Outlay	\$ 6,047,607	\$ 1,396,719	\$ 7,444,326
Fixed Capital Outlay	\$ 26,268,796	\$ -	\$ 26,268,796
Interagency Expenditures (Cooperative Funding)	\$ 181,700	\$ -	\$ 181,700
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ 60,015,738	\$ 60,015,738
<b>TOTAL</b>	<b>\$ 136,065,041</b>	<b>\$ 63,912,457</b>	<b>\$ 199,977,498</b>

**Changes and Trends:** The Fiscal Year 2016-17 tentative budget continues the District's ongoing commitment to implement refurbishment plans for operational and capital projects such as critical water control structures and pump stations. The operations and maintenance of federal flood control project continues to be one of the core priorities of the District.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents an overall decrease of \$10.3 million from the amended Fiscal Year 2015-16 budget of \$210.3 million. Additional reductions include O&M operational costs, engineering and design services for the OMC capital refurbishment program, O&M 2.0 Facilities consolidation and the completion of the BCB Field Station project. Items were moved to program activity 3.6 – Fleet Services – for improved tracking of fleet fuel expenditures for O&M activities.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

**Major Budget Items:** \$50 million is budgeted for the ongoing OMC capital refurbishment program, which continues to be a Governing Board core mission priority. Major capital projects included in the Fiscal Year 2016-17 tentative budget include:

- Communications and Control Systems Projects: Continuation of construction on the North Shore Path Command / Control projects, continuation of design on the Florida Agricultural Experimental (FAES) Tower Replacement, begin construction on the B-66 Tower Replacement and S-12 Tower Relocation (\$3.8 million).
- Pump Station modification / repairs: Continuation of construction on the S-5A Pump Station Refurbishment, North Shore Path Automation, S-140 Trash Rake, and the G-420, G420S & G-422 Modifications, ongoing resources to the Pump Station Engine Overhaul Program (\$16.4 million).
- Project Culvert Replacements/Modifications: Construction on the West Palm Beach Field Station Service Area Project Culverts (\$2.2 million).
- Structure Automation Projects: Construction on the S-151 Structure Replacement, S-34/S-141 Gate Replacement and Automation, the S-351/S-354 Manatee Protection Barriers, Fall Protection Improvements, S40/S41/S44 Gate/Lift Hoist Replacements, G-103 Weir Replacement, continuation of design and begin construction on the Golden Gate #4 Weir Replacement, ongoing work on the BCB Scour Repairs/Electrification and Curry Gate Culvert Retrofit (\$15.6 million).
- O&M Facility Construction: Design/construction on the Homestead Field Station B-230 Building Replacement (\$600K)
- Canal and levee maintenance/canal conveyance: on-going work on the C-23/C-25 Bank Stabilization, C-100A Bank Stabilization and continuation of construction on the C-4 Canal bank improvements (\$2.6 million).
- Structure Inspections C&SF and STA structures, tower inspections, Roof Maintenance & Inspection Program and survey services (\$4.9 million).
- NAVD88 (Vertical Datum) upgrades, SCADA System Replacement C&SF & STA's and SCADA RTU upgrades and SCADA Platforms and Stilling Well Upgrades (\$3.6 million).
- Project Culvert and Structure / Gate Overhaul programs (\$2.3 million).
- Stormwater Treatment Area projects include G370/G372 Communication Tower Grounding Modifications, G310/G335 Pump Station Modifications, Fuel Tank Platforms and S-319 Automatic Transfer Switch Replacement and STA Pump/Engine Overhauls (\$3.1 million).

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

In addition to the capital projects shown above, major budget items include:

- Hurricane/Emergency Reserve (\$60 million): With our core mission of flood control and emergency response, the SFWMD is exposed to risks that could potentially limit and / or divert resources from other core missions, thereby reducing the level of service provided to its constituents. The purpose of these reserves is to set aside funding to address unforeseen and unexpected events and emergencies and to meet unforeseen demand in service delivery costs or unexpected expenditure increases related to flood control and emergency response. These funds are included in the District budget each year in the reserves category.

The utilization of the Hurricane/Emergency Reserve is limited to the following circumstances:

- When a state of emergency is declared by the Governor of Florida or the President of the United States; or
- Governing Board determines through a resolution that an emergency or other circumstance has arisen;
- The emergency or unanticipated need directly impacts the citizens and / or environment within District boundaries; and
- Structural emergencies for which remedial action cannot wait until the next fiscal year. The Hurricane / Emergency Reserve shall not be appropriated for recurring expenditures or other expenditures that can be addressed through the normal budgeting process.

Major operating items include: movement of water / pumping operations for the C&SF system and STA's (\$15.1 million), maintenance of the C&SF system and STA structures operations (\$1.8 million), structure and pump station maintenance (\$4.4 million), maintenance of canals / levees (\$10.2 million) and telemetry and electronics maintenance (\$4.1 million).

Items funded with reserves with restrictions include: the Hurricane/Emergency Reserve.

Items funded with reserves without restrictions include: Heavy Equipment Replacement.



## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 3.3 Facilities

**District Description:** This activity includes management and maintenance of both owned and leased administrative buildings for the purposes of operating and maintaining District lands and works. Included in these services is maintenance of the work environment and space management. The mission is to provide expertly managed facilities and the delivery of timely, cost effective services, supplies and solutions that enhance accountability and support the accomplishment of the agency's mission.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT

##### ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 3.3 - Facilities

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative - Current)	% of Change (Tentative - Current)
Salaries and Benefits	\$ 749,184	\$ 789,037	\$ 727,708	\$ 784,761	\$ 662,801	\$ (121,960)	-15.5%
Other Personal Services	\$ 338,806	\$ 88,905	\$ 9,900	\$ 96,000	\$ 96,000	\$ -	0.0%
Contracted Services	\$ -	\$ 147,853	\$ 122,524	\$ 60,000	\$ 60,000	\$ -	0.0%
Operating Expenses	\$ 3,229,964	\$ 3,428,749	\$ 3,203,759	\$ 3,500,809	\$ 3,277,606	\$ (223,203)	-6.4%
Operating Capital Outlay	\$ 2,748	\$ 9,333	\$ 24,259	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 4,320,702</b>	<b>\$ 4,463,877</b>	<b>\$ 4,088,150</b>	<b>\$ 4,441,570</b>	<b>\$ 4,096,407</b>	<b>\$ (345,163)</b>	<b>-7.8%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 4,096,407	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,096,407

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 662,801	\$ -	\$ 662,801
Other Personal Services	\$ 96,000	\$ -	\$ 96,000
Contracted Services	\$ 60,000	\$ -	\$ 60,000
Operating Expenses	\$ 3,277,606	\$ -	\$ 3,277,606
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 4,096,407</b>	<b>\$ -</b>	<b>\$ 4,096,407</b>

**Changes and Trends:** Due to the aging of the B-1 Headquarters Building, constructed in 1989, and the B-2 Headquarters Building, constructed in 2002, maintenance and necessary repairs will be ongoing. This activity represents a decrease in budget from Fiscal Year 2015-16.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents a decrease of \$345,163 from the amended Fiscal Year 2015-16 budget primarily due to operating expenses decreasing by \$223,203 primarily due to decreases in space rental and utilities, partially offset by an increase in maintenance and repair services; and salaries and benefits decreasing by \$121,960.

**Major Budget Items:** The Fiscal Year 2016-17 tentative budget consists of recurring facility maintenance, inspection, and utility expenses such as air conditioning maintenance, elevator maintenance and exterior grounds maintenance (\$441,932), janitorial services and waste disposal services (\$405,672), utilities (\$872,600), electrical and general maintenance contractual services (\$335,491), and building lease payments for the service centers and warehouse storage (\$369,580).

There are no items funded with reserves in this activity.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 3.4 Invasive Plant Control

**District Description:** This activity manages invasive exotic and aquatic vegetation within Florida sovereign submerged lands (including lakes, rivers, and wetlands) and SFWMD properties including canals, lakes, and right-of-ways, of the Central and Southern Florida Flood Control Project, STAs and conservation and project lands. This maintenance is accomplished through in-house and contract herbicidal, mechanical, and biological control methods. This activity works primarily to ensure conveyance capacity within canals and water bodies and provides for the continued surveillance of water bodies and lands for early detection and control of invasive plants.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT

##### ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

##### 3.4 - Invasive Plant Control

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative - Current)	% of Change (Tentative - Current)
Salaries and Benefits	\$ 4,177,913	\$ 4,517,710	\$ 4,368,704	\$ 5,007,847	\$ 4,613,876	\$ (393,971)	-7.9%
Other Personal Services	\$ 346,350	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ 271,599	\$ 296,013	\$ 288,600	\$ 329,100	\$ 40,500	14.0%
Operating Expenses	\$ 12,314,137	\$ 15,036,686	\$ 14,768,015	\$ 21,294,051	\$ 20,659,527	\$ (634,524)	-3.0%
Operating Capital Outlay	\$ 66,134	\$ 35,571	\$ 53,511	\$ 182,500	\$ 2,500	\$ (180,000)	-98.6%
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ 299,610	\$ 319,745	\$ 252,099	\$ 360,000	\$ 360,000	\$ -	0.0%
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 17,204,144</b>	<b>\$ 20,181,311</b>	<b>\$ 19,738,342</b>	<b>\$ 27,132,998</b>	<b>\$ 25,965,003</b>	<b>\$ (1,167,995)</b>	<b>-4.3%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	<b>TOTAL</b>
Fiscal Year 2016-17	\$ 11,027,587	\$ 1,356,265	\$ -	\$ -	\$ 12,919,176	\$ 661,975	\$ 25,965,003

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	<b>TOTAL</b>
Salaries and Benefits	\$ 4,613,876	\$ -	\$ 4,613,876
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 288,600	\$ 40,500	\$ 329,100
Operating Expenses	\$ 19,386,853	\$ 1,272,674	\$ 20,659,527
Operating Capital Outlay	\$ 2,500	\$ -	\$ 2,500
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ 360,000	\$ -	\$ 360,000
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 24,651,829</b>	<b>\$ 1,313,174</b>	<b>\$ 25,965,003</b>

**Changes and Trends:** Vegetation management operations have historically been outsourced for all conservation land management activities and conducted in-house by field station staff for all C&SF project works. Over time, as Everglades Construction Project components have come online, field station staff that supported the C&SF works invasive plant control has been increasingly re-directed to assist with the operation of the ECP Stormwater Treatment Areas, resulting in more outsourcing of invasive plant control activities. As more new works come online, there will be a corresponding increase in required vegetation management operations. There has been an increase in state funding from Florida Fish and Wildlife Conservation Commission (FWC) Bureau of Invasive Plant Management for aquatic plant management activities in sovereign waters and for upland exotic management on conservation lands managed by the District's Vegetation Management Section.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents a net decrease of \$1.2 million from the amended Fiscal Year 2015-16 budget of \$27.1 million. \$1.1 million is primarily a decrease for the new works operating expenses for treatment of exotics at Biscayne Bay Costal Wetlands, Deering and C-111 Spreader Canal; Restoration Strategies L-8 Reservoir/FEB and A-1 FEB; Site 1 Impoundment, Faka Union, Merritt Pump Station and usage of wetlands mitigation

#### IV. PROGRAM AND ACTIVITY ALLOCATIONS

and lease revenues to support exotic plant control. A decrease of \$145,000 was for Aquatic and Terrestrial Treatment.

**Major Budget Items:** Major budget items include treatment of invasive exotic aquatic and terrestrial plants in canals and on levees of the C&SF Project, public lakes and rivers, the water conservation areas, STAs, interim lands (lands slated for either STAs, Everglades restoration projects or water preserve areas) and on public conservation lands.

The District has had a long relationship with the FWC, Bureau of Invasive Plant Management, to cooperatively plan and implement aquatic plant management activities in sovereign waters and for upland exotic management on conservation lands managed by the District's Vegetation Management Section. Funds distributed from the FWC cover 100 percent of the costs for managing aquatic plant issues in the Kissimmee Chain of Lakes and the Kissimmee River. The FWC shares the total cost of upland exotic plant management in Lake Okeechobee, the water conservation areas and on conservation lands.

Exotic / Aquatic plant control activities total \$27.1 million and are funded with \$11.9 million in District revenues (ad valorem and lease revenue), (\$9.0 million) in state revenue from FWC reimbursement funds and \$2.7 million out of the \$3.85 million from the Land Acquisition Trust Fund revenue state appropriation, (\$1.0 million) Alligator Alley tolls and (\$1.3 million) in reserves with restrictions, including \$43,091 for salaries and benefits.

There are no items funded with reserves in this activity.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 3.5 Other Operation and Maintenance Activities

**District Description:** The activities include emergency management, security, field station support, compliance with permits issued by the federal and state regulatory agencies for District restoration projects that includes wetland mitigation monitoring, water quality monitoring and reporting, planning and administrative support of release of reservations, right-of-ways permitting and enforcement for both STAs and C&SF projects. Use of District lands is authorized through a leasing process or through issuance of a right-of-ways occupancy permit. This protects the District's proprietary interest on canal and levee right-of-ways.

The role of the District Right of Way function is to protect the District's ability to utilize the "Works of the District" for the purposes for which they were acquired, while providing for other appropriate compatible public and private uses. Generally, the "Works of the District" include: the canal and levee right-of-ways of the Central and Southern Florida Flood Control Project, the canals and other works of the Big Cypress Basin, and other canals and right-of-ways in which the District has acquired a property interest such as the Everglades Construction Project, Stormwater Treatment Areas and Comprehensive Everglades Restoration Plan.

The mission of the District's Emergency Management Program is to prevent or minimize, prepare for, respond to, and recover from emergencies or disasters that threaten life or property within the boundaries of the South Florida Water Management District. These activities ensure that the District can accomplish its mission during adverse conditions.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17  
TENTATIVE BUDGET - Fiscal Year 2016-17

#### 3.5 - Other Operation and Maintenance Activities

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 4,264,701	\$ 4,016,628	\$ 3,533,490	\$ 4,142,681	\$ 4,015,210	\$ (127,471)	-3.1%
Other Personal Services	\$ 80,934	\$ -	\$ -	\$ -	\$ -	\$ -	
Contracted Services	\$ -	\$ 42,085	\$ 58,640	\$ 202,437	\$ 101,937	\$ (100,500)	-49.6%
Operating Expenses	\$ 497,458	\$ 380,932	\$ 505,590	\$ 509,746	\$ 484,272	\$ (25,474)	-5.0%
Operating Capital Outlay	\$ 51,073	\$ 103,408	\$ 133,677	\$ 126,612	\$ 126,750	\$ 138	0.1%
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Interagency Expenditures (Cooperative Funding)	\$ 53,456	\$ 29,193	\$ 27,135	\$ 52,500	\$ 39,500	\$ (13,000)	-24.8%
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL</b>	<b>\$ 4,947,622</b>	<b>\$ 4,572,246</b>	<b>\$ 4,258,532</b>	<b>\$ 5,033,976</b>	<b>\$ 4,767,669</b>	<b>\$ (266,307)</b>	<b>-5.3%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 4,767,669	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,767,669

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 4,015,210	\$ -	\$ 4,015,210
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 101,937	\$ -	\$ 101,937
Operating Expenses	\$ 484,272	\$ -	\$ 484,272
Operating Capital Outlay	\$ 126,750	\$ -	\$ 126,750
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ 39,500	\$ -	\$ 39,500
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 4,767,669</b>	<b>\$ -</b>	<b>\$ 4,767,669</b>

#### IV. PROGRAM AND ACTIVITY ALLOCATIONS

**Changes and Trends:** The Fiscal Year 2016-17 tentative budget represents a continuation effort from the amended Fiscal Year 2015-16 budget.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents a \$266,307 decrease from the amended Fiscal Year 2015-16 budget primarily due to a decrease in Salaries and Benefits (\$127,471) a decrease in Contractual services (\$100,500) and a decrease in Operating expenses (\$25,336). Contractual Services decreases are due to reductions in laboratory and water quality contractual services. Operating expenses decreased due to a reduction in fuels and maintenance supplies.

**Major Budget Items:** The Fiscal Year 2016-17 tentative budget includes right-of-way access management support, permitting, compliance, and enforcement activities for both STAs and C&SF flood control systems in the amount of \$1.5 million, primarily salary and benefits costs. In addition, this activity includes emergency, safety and security management in the amount of \$402,144; and laboratory, monitoring and permitting activities in the amount of \$242,340.

There are no items funded with reserves in this activity.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 3.6 Fleet Services

**District Description:** Management and maintenance of the District's fleet of motor vehicles and watercraft are included in this activity. The District's fleet includes automobiles, light trucks, medium and heavy trucks, construction equipment (i.e., cranes, excavators, bulldozers, etc.), marine equipment (e.g., boats, airboats, boat engines, etc.), trailers, tractors, mowers and small utility and all-terrain vehicles.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 3.6 - Fleet Services

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative - Current)	% of Change (Tentative - Current)
Salaries and Benefits	\$ 429,168	\$ 471,279	\$ 534,940	\$ 659,336	\$ 1,864,811	\$ 1,205,475	182.8%
Other Personal Services	\$ 52	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Expenses	\$ 1,054,367	\$ 949,657	\$ 735,632	\$ 1,221,863	\$ 3,005,854	\$ 1,783,991	146.0%
Operating Capital Outlay	\$ -	\$ 69,241	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 1,483,587</b>	<b>\$ 1,490,177</b>	<b>\$ 1,270,572</b>	<b>\$ 1,881,199</b>	<b>\$ 4,870,665</b>	<b>\$ 2,989,466</b>	<b>158.9%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 4,868,765	\$ -	\$ -	\$ -	\$ -	\$ 1,900	\$ 4,870,665

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 1,864,811	\$ -	\$ 1,864,811
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ 3,005,854	\$ -	\$ 3,005,854
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 4,870,665</b>	<b>\$ -</b>	<b>\$ 4,870,665</b>

**Changes and Trends:** The Fiscal Year 2016-17 tentative budget represents an increase in budget from the amended Fiscal Year 2015-16 budget.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents an increase of \$3.0 million from the amended Fiscal Year 2015-16 budget due to an increase in Salaries and Benefits (\$1.2M) and operating expenses (\$1.8M). The operating expense increase is due to an increase in vehicle fuel usage for O&M activities. These costs were moved from Section 3.2 (Works) for improved tracking of fleet fuel expenditures for O&M activities.

**Major Budget Items:** The major budget items include \$636,613 in fuel and \$777,530 for vehicle maintenance and repairs, parts and supplies, oils and lubricants, and \$1.6 million for the cost of fleet vehicle fuel usage in O&M activities.

There are no items funded with reserves in this activity.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 3.7 Technology and Information Services

**District Description:** This activity includes computer hardware and software, data lines, computer support and maintenance, IT consulting services, data centers, network operations, web support and updates, desktop support, and application development that support the Water Resources Planning and Monitoring program and related activities.

Information technology items (salaries, contractors, hardware / software maintenance, and other operating costs) are directly charged to operational activities of District core functions where there is a clear linkage between the operational activity and the information technology system, application or staff that is used to support the operational activities.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT

##### ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 3.7 - Technology and Information Services

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative - Current)	% of Change (Tentative - Current)
Salaries and Benefits	\$ 4,291,122	\$ 4,674,849	\$ 4,511,612	\$ 5,932,778	\$ 5,534,476	\$ (398,302)	-6.7%
Other Personal Services	\$ 1,411,510	\$ 825,043	\$ 10,655	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ 570,223	\$ 856,524	\$ 979,147	\$ 789,719	\$ (189,428)	-19.3%
Operating Expenses	\$ 3,014,813	\$ 3,706,697	\$ 2,892,320	\$ 3,818,968	\$ 3,607,985	\$ (210,983)	-5.5%
Operating Capital Outlay	\$ 290,738	\$ 418,781	\$ 88,836	\$ -	\$ 25,000	\$ 25,000	-
Fixed Capital Outlay	\$ -	\$ 37,039	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 9,008,183</b>	<b>\$ 10,232,632</b>	<b>\$ 8,359,947</b>	<b>\$ 10,730,893</b>	<b>\$ 9,957,180</b>	<b>\$ (773,713)</b>	<b>-7.2%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 9,957,180	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,957,180

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 5,534,476	\$ -	\$ 5,534,476
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 789,719	\$ -	\$ 789,719
Operating Expenses	\$ 3,607,985	\$ -	\$ 3,607,985
Operating Capital Outlay	\$ 25,000	\$ -	\$ 25,000
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 9,957,180</b>	<b>\$ -</b>	<b>\$ 9,957,180</b>

**Changes and Trends:** The reductions in this activity reflect the District's emphasis on streamlining IT support through centralizing support and reducing support costs.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents decrease of \$773,713 from the amended Fiscal Year 2015-16 budget. There are additional decreases for computer support services (\$189,428), hardware maintenance (\$102,828), software maintenance (\$120,216) and salaries and benefits (\$398,302).

**Major Budget Items:** Major budget items include \$2.3 million for software maintenance, \$598,739 for computer consulting services (enterprise resource planning and IT security), \$544,000 for personnel computer lease, \$162,480 for copier/printer lease, \$420,916 for communication service, and \$211,779 for hardware maintenance.

There are no items funded with reserves in this activity.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 4.0 Regulation

This program includes water use permitting, water well construction permitting, water well contractor licensing, environmental resource and surface water management permitting, permit administration and enforcement, and any delegated regulatory program. The overall reduction of authorized FTEs to 1475 has resulted in a decrease in salary and benefit costs in this program.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17  
TENTATIVE BUDGET - Fiscal Year 2016-17

#### 4.0 Regulation

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative - Current)	% of Change (Tentative - Current)
Salaries and Benefits	\$ 19,079,346	\$ 19,175,565	\$ 18,516,088	\$ 20,602,393	\$ 18,564,200	\$ (2,038,193)	-9.9%
Other Personal Services	\$ 1,355,752	\$ 214,092	\$ 248,575	\$ 63,125	\$ 71,161	\$ 8,036	12.7%
Contracted Services	\$ -	\$ 483,392	\$ 628,300	\$ 1,020,148	\$ 451,084	\$ (569,064)	-55.8%
Operating Expenses	\$ 2,049,754	\$ 1,390,221	\$ 1,284,177	\$ 5,613,419	\$ 5,172,238	\$ (441,181)	-7.9%
Operating Capital Outlay	\$ 320,657	\$ 328,999	\$ 25,635	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ 6,000	\$ 15,000	\$ 15,000	\$ -	0.0%
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 22,805,509</b>	<b>\$ 21,592,269</b>	<b>\$ 20,708,775</b>	<b>\$ 27,314,085</b>	<b>\$ 24,273,683</b>	<b>\$ (3,040,402)</b>	<b>-11.1%</b>

#### SOURCE OF FUNDS

Fiscal Year 2016-17

	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Salaries and Benefits	\$ 18,564,200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,564,200
Other Personal Services	\$ 71,161	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 71,161
Contracted Services	\$ 401,084	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 451,084
Operating Expenses	\$ 5,172,238	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,172,238
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 24,223,683</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 24,273,683</b>

#### RATE, OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Workforce	Rate (Salary without benefits)	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	191	\$ 13,069,183	\$ 18,564,200	\$ -	\$ 18,564,200
Other Personal Services	2	\$ 71,161	\$ 71,161	\$ -	\$ 71,161
Contracted Services	-	\$ -	\$ 401,084	\$ 50,000	\$ 451,084
Operating Expenses			\$ 5,172,238	\$ -	\$ 5,172,238
Operating Capital Outlay			\$ -	\$ -	\$ -
Fixed Capital Outlay			\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)			\$ 15,000	\$ -	\$ 15,000
Debt			\$ -	\$ -	\$ -
Reserves - Emergency Response			\$ -	\$ -	\$ -
<b>TOTAL</b>			<b>\$ 24,223,683</b>	<b>\$ 50,000</b>	<b>\$ 24,273,683</b>

#### WORKFORCE

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

WORKFORCE CATEGORY	Fiscal Year					Current to Tentative 2015-16 to 2016-17	
	2012-13	2013-14	2014-15	2015-16	2016-17	Difference	% Change
Authorized Positions	225	217	209	209	191	(18)	-8.6%
Contingent Worker	0	0	0	0	0	-	-
Other Personal Services	6	4	3	2	2	-	0.0%
Intern	0	0	0	0	0	-	-
Volunteer	0	0	0	0	0	-	-
<b>TOTAL WORKFORCE</b>	<b>231</b>	<b>221</b>	<b>212</b>	<b>211</b>	<b>193</b>	<b>(18)</b>	<b>-8.5%</b>



South Florida Water Management District  
**REDUCTIONS - NEW ISSUES**  
 4.0 Regulation  
 Fiscal Year 2016-17  
 Tentative Budget - August 1, 2016

FY 2015-16 Budget (Current-Amended)				208.60	\$	27,314,085	
Reductions							
Issue	Description	Issue Amount	Workforce	Category	Subtotal	Issue Narrative	
Salaries and Benefits			(17.80)		(2,038,193)		
1	Decrease in Total Salaries and Wages	(1,124,330)	(17.80)				
2	Decrease in Total Fringe Benefits	(913,863)					
Other Personal Services			-		-		
Contracted Services					(569,064)		
3	Decrease in LTP Everglades Regulatory Source Control	(50,000)					
4	Decrease in Cont Serv - External Provider	(467,760)					
5	Decrease in Cont Serv - IT Consulting Services (NON-OPS)	(51,304)					
Operating Expenses					(504,301)		
6	Decrease in Cont Serv - Maint & Repairs - Computer Hardware	(27,850)					
7	Decrease in Cont Serv - Maintenance and Repairs	(140,500)					
8	Decrease in ISF - Medical Claims Paid	(237,251)					
9	Decrease in Oper Expense - District Travel	(1,500)					
10	Decrease in ISF - Medical/Life Insurance - Retirees	(97,200)					
Operating Capital Outlay					-		
Fixed Capital Outlay					-		
Interagency Expenditures (Cooperative Funding)					-		
Debt					-		
Reserves					-		
<b>TOTAL REDUCTIONS</b>			(17.80)		(3,111,558)		

**South Florida Water Management District**  
**REDUCTIONS - NEW ISSUES**  
**4.0 Regulation**  
**Fiscal Year 2016-17**  
**Tentative Budget - August 1, 2016**

New Issues					Issue Narrative
Issue	Description	Issue Amount	Workforce	Category Subtotal	
Salaries and Benefits		-		-	The overall reduction of authorized FTEs to 1475 has resulted in a decrease in salary and benefit costs in this program of \$2,038,193 due to the reduction of 17.8 FTEs.
Other Personal Services		-		8,036	This increase is due to increased costs associated with contracted services
1	Increase in Cont Serv - External Provider (OPS)	8,036			
Contracted Services				-	The overall decrease of \$569,064 in Contracted Services is primarily due to reductions in Source Control Contracts.
Operating Expenses				63,120	Operating Expenses has an overall decrease of \$441,181, primarily associated with helicopter maintenance and repairs, and health insurance. The increase shown is primarily due to an increased amount of parts and supplies needed for in house maintenance of flight operation equipment, for pilot training and license renewal, and computer software maintenance.
2	Increase in Cont Serv - Maint & Repairs - Computer Software	31,514			
3	Increase in Operating Expenses	50			
4	Increase in Oper Expense - Other	150			
5	Increase in Oper Expense - Parts and Supplies	20,942			
6	Increase in Operating Expenses	8,400			
7	Increase in Oper Expense - Cell Phone Stipend	2,064			
Operating Capital Outlay				-	
Fixed Capital Outlay				-	
Interagency Expenditures (Cooperative Funding)				-	
Debt				-	
Reserves				-	
<b>TOTAL NEW ISSUES</b>		<b>0.00</b>		<b>71,156</b>	
<b>4.0 Regulation</b>					
<b>Total Workforce and Tentative Budget for FY 2016-17</b>			<b>190.80</b>	<b>\$ 24,273,683</b>	

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 4.1 Consumptive Use Permitting

**District Description:** Consumptive use permitting is a state-mandated activity assigned exclusively to the Water Management Districts. The objective of this activity is to ensure safe, efficient, equitable, and reliable development of the state's water resources. This includes the review, issuance, renewal, and enforcement of water use permits. The major components are to review and to prepare recommendations for permit applications for all consumptive uses of water within the District boundaries; and complete post-permit compliance reviews of priority projects based on staffing resources.

This activity also includes pre-permit planning, permit issuance, dispute resolution, litigation support, criteria and rule development, Development of Regional Impact (DRI), Coastal Zone Management support, automation and administrative support, and rulemaking to update consumptive use permit rules to implement the regulatory recommendations of the District's regional water supply plans.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT

##### ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

##### 4.1 - Consumptive Use Permitting

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative - Current)	% of Change (Tentative - Current)
Salaries and Benefits	\$ 5,096,051	\$ 5,055,120	\$ 4,978,640	\$ 5,797,453	\$ 5,278,636	\$ (518,817)	-8.9%
Other Personal Services	\$ 89,371	\$ 36,869	\$ 42,721	\$ 24,000	\$ 24,000	\$ -	0.0%
Contracted Services	\$ -	\$ 35,703	\$ 16,666	\$ 29,850	\$ 29,850	\$ -	0.0%
Operating Expenses	\$ 6,161	\$ 3,779	\$ 3,706	\$ 43,960	\$ 3,960	\$ (40,000)	-91.0%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 5,191,583</b>	<b>\$ 5,131,471</b>	<b>\$ 5,041,733</b>	<b>\$ 5,895,263</b>	<b>\$ 5,336,446</b>	<b>\$ (558,817)</b>	<b>-9.5%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 5,336,446	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,336,446

##### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 5,278,636	\$ -	\$ 5,278,636
Other Personal Services	\$ 24,000	\$ -	\$ 24,000
Contracted Services	\$ 29,850	\$ -	\$ 29,850
Operating Expenses	\$ 3,960	\$ -	\$ 3,960
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 5,336,446</b>	<b>\$ -</b>	<b>\$ 5,336,446</b>

**Changes and Trends:** Water Use Bureau staff members continue to take part in the Central Florida Water Initiative (CFWI) through participation in sub-teams, gathering of permitting information, and providing support as requested for the on-going efforts. Increased involvement is anticipated to support the initiatives of the CFWI Regulatory Team.

The Water Use Bureau initiated and continues to implement the Public Water Supply (PWS) Task Force comprised of water use compliance analysts with the objective of collaborating with PWS permittees by encouraging involvement and open dialogue on PWS compliance issues. The level of compliance has increased as a result of this on-going effort.

#### IV. PROGRAM AND ACTIVITY ALLOCATIONS

Staff has also made a concerted effort to address applications that have been in-house for greater than six months. Since October 1, 2012, there are fewer than 325 applications in-house greater than six months.

The Water Use Bureau continues to participate in the Consumptive Use Permitting Anti-Drift efforts coordinated by the Florida Department of Environmental Protection.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents a decrease of \$558,817 from the Fiscal Year 2015-16 amended budget primarily due to a decrease of \$518,817 in Salaries and Benefits. The net decrease of \$40,000 in Operating Expenses is associated with helicopter maintenance and repairs.

**Major Budget Items:** Major budget items include \$24,000 for contractor support for the permit administration effort, and \$29,850 for publishing legal notice of receipt of application for individual consumptive use permits. The proposed funding level supports the review of 590 permit applications, as well as numerous compliance investigations per quarter.

There are no items funded with reserves.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 4.3 Environmental Resource and Surface Water Permitting

**District Description:** This activity is a state-mandated activity that involves the review, issuance, compliance, and enforcement of environmental resource and surface water management permits. The objective is to ensure that land development projects and wetland dredge and fill activities do not cause adverse environmental, water quality, or water quantity impacts and to take necessary compliance action when permit requirements are not met. This activity includes technical review and evaluation of construction plans for proposed development activities, field inspection of project sites requesting permits or wetland determinations, compliance review of project sites, preparation of technical staff reports and review of Sovereign Submerged Lands authorizations associated with Environmental Resource Permits. This activity also includes pre-permit planning, permit issuance, dispute resolution, litigation support, criteria and rule development, DRI / Citing / Coastal Zone Management support, and automation support.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT

##### ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 4.3 - Environmental Resource and Surface Water Permitting

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 9,270,343	\$ 9,230,637	\$ 8,880,434	\$ 9,599,646	\$ 8,632,974	\$ (966,672)	-10.1%
Other Personal Services	\$ 140,157	\$ 30,369	\$ 68,539	\$ 39,125	\$ 39,125	\$ -	0.0%
Contracted Services	\$ -	\$ 120,810	\$ 54,997	\$ 161,874	\$ 67,150	\$ (94,724)	-58.5%
Operating Expenses	\$ 446,220	\$ 247,674	\$ 267,011	\$ 398,392	\$ 325,384	\$ (73,008)	-18.3%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 9,856,720</b>	<b>\$ 9,629,490</b>	<b>\$ 9,270,981</b>	<b>\$ 10,199,037</b>	<b>\$ 9,064,633</b>	<b>\$ (1,134,404)</b>	<b>-11.1%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 9,064,633	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,064,633

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 8,632,974	\$ -	\$ 8,632,974
Other Personal Services	\$ 39,125	\$ -	\$ 39,125
Contracted Services	\$ 67,150	\$ -	\$ 67,150
Operating Expenses	\$ 325,384	\$ -	\$ 325,384
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 9,064,633</b>	<b>\$ -</b>	<b>\$ 9,064,633</b>

**Changes and Trends:** This on-going activity produces technical evaluation of proposed stormwater water management systems at a continued level of service to ensure water quantity, water quality, and environmental criteria are met. All permit applications must be processed within statutorily established time frames. Compliance reviews of issued permits and enforcement actions for unauthorized activities, including the activities listed above, are all on-going activities.

The FDEP led a statewide effort (referred to as SWERP) to improve consistency in the procedural and administrative aspects of the ERP rules throughout the five water management districts and FDEP. The goals of SWERP efforts included making the ERP rules more consistent, particularly for those applicants that work in more than one water management

#### IV. PROGRAM AND ACTIVITY ALLOCATIONS

district; treating applicants equitably statewide; streamlining the process and making the regulatory process less burdensome on applicants. The SWERP rules became effective October 2013. The agencies are now undertaking a review of the SWERP rules to determine any errors, missed items or other minor updates to those rules that have been identified.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents a decrease of \$1,134,404 from the Fiscal Year 2015-16 amended budget and is primarily due to a decrease of \$966,672 in Salaries and Benefits. The net decrease of \$73,008 in Operating Expenses is associated with helicopter maintenance and repairs, and the decrease in Contracted Services of \$94,724 is due to Fiscal Year 2015-16 completion of a pass through mitigation contract.

**Major Budget Items:** Major budget items include \$117,943 for Aircraft fuel, \$39,125 for contract support for application processing, and \$35,000 for contract support for ePermitting scanning to continue to support the ePermitting effort. The proposed funding level supports the review of an average of 560 permit applications and numerous compliance investigations per quarter, and staying current with construction certification.

There are no items funded with reserves.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 4.4 Other Regulatory and Enforcement Activities

**District Description:** This category is intended to include other District regulatory programs and activities not otherwise described in Sections 4.1 through 4.3, specifically the Southern and Northern Everglades Nutrient Source Control Programs and the overall management and administrative support for all regulation activities described under category 4.0.

The objective of the Southern and Northern Everglades Nutrient Source Control Programs is to establish criteria that provide reasonable assurance that users of, or connections to the District works are compatible with the District's ability to comply with statutory water quality objectives.

**Southern and Northern Everglades Nutrient Source Control Program** - For the Southern Everglades, the Federal Settlement Agreement, Everglades Forever Act, under Section 373.4592, F.S., and Long-Term Plan mandate the implementation of BMP programs in the ECP and non-ECP Basins. Chapter 40E-63, Florida Administrative Code (F.A.C.) is the implementing rule for the ECP Basins. For the Northern Everglades, the NEEPP, under Section 373.4595, F.S., directs the District to amend the existing Chapter 40E-61, F.A.C., to be consistent with the Florida Department of Environmental Protection's (FDEP's) Basin Management Action Plans (BMAPs) within the Lake Okeechobee, St. Lucie River, and Caloosahatchee River Watersheds. These Chapters are also known as the Works of the District (WOD) rules. The major basin components are:

**Southern Everglades - EAA Basin** - Continue to implement and monitor the best management practices program to ensure a 25 percent phosphorus load reduction compared to historical levels discharged from the basin and conduct research in cooperation with permittees to develop BMPs for additional water quality improvement.

**Southern Everglades - C-139 Basin** - Continue to implement and monitor the BMP program to ensure no net increase of annual phosphorus loads discharged from the basin compared to historical levels; and provide opportunities for research and demonstration projects for BMP optimization and additional water quality improvement measures.

**Southern Everglades: Non-ECP Basins** - Continue to implement source control programs through refinement of existing regulatory programs and cooperative efforts.

**Northern Everglades – Lake Okeechobee, St. Lucie River, and Caloosahatchee River Watersheds** – Continue to refine and implement the monitoring programs in support of the BMAPs and prescribed under Chapter 40E-61, F.A.C., ensuring complementary efforts with the coordinating agencies to meet the water quality goals under NEEPP.

The budget for the Southern and Northern Everglades Nutrient Source Control Program consists primarily of personnel costs associated with performing core regulatory activities (e.g., permitting, inspections, monitoring, and reporting), funds to develop and support sub-regional water quality improvement projects, and funds to cost share landowner BMP research and demonstration projects.

**Regulation Management and Administrative Support** - This category also includes overall administrative management support for all programs described under section 4.0 Regulation. The budget is primarily salaries and benefits.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### SOUTH FLORIDA WATER MANAGEMENT DISTRICT

#### ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 4.4 - Other Regulatory and Enforcement Activities

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative - Current)	% of Change (Tentative - Current)
Salaries and Benefits	\$ 3,758,171	\$ 3,727,549	\$ 3,579,770	\$ 3,731,010	\$ 3,119,849	\$ (611,161)	-16.4%
Other Personal Services	\$ 605,567	\$ -	\$ -	\$ -	\$ 8,036	\$ 8,036	
Contracted Services	\$ -	\$ 231,544	\$ 361,614	\$ 602,915	\$ 179,879	\$ (423,036)	-70.2%
Operating Expenses	\$ 464,739	\$ 126,017	\$ 125,116	\$ 4,257,741	\$ 3,923,290	\$ (334,451)	-7.9%
Operating Capital Outlay	\$ 320,657	\$ 96,975	\$ -	\$ -	\$ -	\$ -	
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ 6,000	\$ 15,000	\$ 15,000	\$ -	0.0%
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL</b>	<b>\$ 5,149,134</b>	<b>\$ 4,182,085</b>	<b>\$ 4,072,500</b>	<b>\$ 8,606,666</b>	<b>\$ 7,246,054</b>	<b>\$ (1,360,612)</b>	<b>-15.8%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	<b>TOTAL</b>
Fiscal Year 2016-17	\$ 7,196,054	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 7,246,054

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	<b>TOTAL</b>
Salaries and Benefits	\$ 3,119,849	\$ -	\$ 3,119,849
Other Personal Services	\$ 8,036	\$ -	\$ 8,036
Contracted Services	\$ 129,879	\$ 50,000	\$ 179,879
Operating Expenses	\$ 3,923,290	\$ -	\$ 3,923,290
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ 15,000	\$ -	\$ 15,000
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 7,196,054</b>	<b>\$ 50,000</b>	<b>\$ 7,246,054</b>

**Changes and Trends:** The Southern and Northern Everglades Nutrient Source Control program area includes development and consideration of downstream sub-regional activities in addition to the existing ongoing BMP programs to further improve water quality. Additionally, the on-site BMP component of the source control program continues to evolve based on the latest findings of research and demonstration projects. The demonstration projects in particular are expected to provide invaluable information for use in future on-site and sub-regional water quality improvement measures. The ongoing BMP implementation and verification activities continue in the Southern Everglades (EAA and C-139 Basins) under (Chapter 40E-63, F.A.C.) to ensure reductions in phosphorus loads in stormwater runoff. The Lake Okeechobee Watershed WOD Rule (Chapter 40E-61, F.A.C.) is under review for proposed refinements to expand the Lake Okeechobee regulatory boundary, and to support BMP program monitoring optimization efforts, the 2016 NEEPP amendments, and applicable BMAPs. Likewise, efforts are underway to expand the Chapter 40E-61, FAC, to include the St. Lucie and Caloosahatchee River watersheds.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents a decrease of \$1,360,612 from the Fiscal Year 2015-16 amended budget is primarily due to a decrease of \$611,161 in Salaries and Benefits. The net decrease of \$423,036 in Contracted Services is due to a reduction of nutrient source control contracts for Fiscal Year 2016-17.

**Major Budget Items:** The District Nutrient Source Control Programs include \$227,932 for monitoring to meet mandated source control requirements and for expert analysis of regulatory impacts resulting from statutory changes.

Items funded with reserves include the District Nutrient Source Control Program contracts.



## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 4.5 Technology and Information Services

**District Description:** This activity includes computer hardware and software, data lines, computer support and maintenance, IT consulting services, data centers, network operations, web support and updates, desktop support, and application development that support the Water Resources Planning and Monitoring program and related activities.

Information technology items (salaries, contractors, hardware / software maintenance, and other operating costs) are directly charged to operational activities of District core functions where there is a clear linkage between the operational activity and the information technology system, application or staff that is used to support the operational activities.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT

##### ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 4.5 - Technology and Information Services

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 954,781	\$ 1,162,259	\$ 1,077,244	\$ 1,474,284	\$ 1,532,741	\$ 58,457	4.0%
Other Personal Services	\$ 520,657	\$ 146,854	\$ 137,315	\$ -	\$ -	\$ -	
Contracted Services	\$ -	\$ 95,335	\$ 195,023	\$ 225,509	\$ 174,205	\$ (51,304)	-22.8%
Operating Expenses	\$ 1,132,634	\$ 1,012,751	\$ 888,344	\$ 913,326	\$ 919,604	\$ 6,278	0.7%
Operating Capital Outlay	\$ -	\$ 232,024	\$ 25,635	\$ -	\$ -	\$ -	
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL</b>	<b>\$ 2,608,072</b>	<b>\$ 2,649,223</b>	<b>\$ 2,323,561</b>	<b>\$ 2,613,119</b>	<b>\$ 2,626,550</b>	<b>\$ 13,431</b>	<b>0.5%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 2,626,550	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,626,550

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 1,532,741	\$ -	\$ 1,532,741
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 174,205	\$ -	\$ 174,205
Operating Expenses	\$ 919,604	\$ -	\$ 919,604
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 2,626,550</b>	<b>\$ -</b>	<b>\$ 2,626,550</b>

**Changes and Trends:** This activity represents a continuation level from Fiscal Year 2015-16.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents an increase of \$13,431 from the Fiscal Year 2015-16 amended budget primarily due to an increase in salaries and benefits (\$58,457), and an increase in operating expenses (\$6,278) partially offset by a decrease in computer support services (\$51,304).

**Major Budget Items:** Major budget items include \$725,387 for software maintenance, \$130,200 for computer consulting services, \$57,357 for hardware maintenance, \$83,005 for copier/printer leases, and \$97,860 for communication service.

There are no items funded with reserves.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 5.0 Outreach

This program includes all environmental education activities, such as water conservation campaigns and water resource education; public information activities; all lobbying activities relating to local, regional, state, and federal governmental affairs; and all public relations activities, including public service announcements and advertising in any media. The overall reduction of authorized FTEs to 1475 has resulted in a decrease in salary and benefit costs in this program.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT

##### PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

##### 5.0 Outreach

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative - Current)	% of Change (Tentative - Current)
Salaries and Benefits	\$ 2,411,298	\$ 2,270,866	\$ 2,164,567	\$ 2,385,823	\$ 1,101,707	\$ (1,284,116)	-53.8%
Other Personal Services	\$ 66,806	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ 62,430	\$ 37,699	\$ 43,000	\$ 44,400	\$ 1,400	3.3%
Operating Expenses	\$ 77,045	\$ 67,160	\$ 54,830	\$ 72,220	\$ 71,320	\$ (900)	-1.2%
Operating Capital Outlay	\$ 2,228	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 2,557,377</b>	<b>\$ 2,400,456</b>	<b>\$ 2,257,096</b>	<b>\$ 2,501,043</b>	<b>\$ 1,217,427</b>	<b>\$ (1,283,616)</b>	<b>-51.3%</b>

##### SOURCE OF FUNDS

Fiscal Year 2016-17

	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Salaries and Benefits	\$ 1,101,707	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,101,707
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contracted Services	\$ 44,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 44,400
Operating Expenses	\$ 71,320	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 71,320
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 1,217,427</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,217,427</b>

##### RATE, OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Workforce	Rate (Salary without benefits)	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	10	\$ 783,951	\$ 1,101,707	\$ -	\$ 1,101,707
Other Personal Services	-	\$ -	\$ -	\$ -	\$ -
Contracted Services	-	\$ -	\$ 44,400	\$ -	\$ 44,400
Operating Expenses			\$ 71,320	\$ -	\$ 71,320
Operating Capital Outlay			\$ -	\$ -	\$ -
Fixed Capital Outlay			\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)			\$ -	\$ -	\$ -
Debt			\$ -	\$ -	\$ -
Reserves - Emergency Response			\$ -	\$ -	\$ -
<b>TOTAL</b>			<b>\$ 1,217,427</b>	<b>\$ -</b>	<b>\$ 1,217,427</b>

##### WORKFORCE

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

WORKFORCE CATEGORY	Fiscal Year					Current to Tentative 2015-16 to 2016-17	
	2012-13	2013-14	2014-15	2015-16	2016-17	Difference	% Change
Authorized Positions	27	23	21	21	10	(11)	-52.4%
Contingent Worker	0	0	0	0	0	-	-
Other Personal Services	0	0	0	0	0	-	-
Intern	0	0	0	0	0	-	-
Volunteer	0	0	0	0	0	-	-
<b>TOTAL WORKFORCE</b>	<b>27</b>	<b>23</b>	<b>21</b>	<b>21</b>	<b>10</b>	<b>(11)</b>	<b>-52.4%</b>

South Florida Water Management District  
**REDUCTIONS - NEW ISSUES**  
 5.0 Outreach  
 Fiscal Year 2016-17  
 Tentative Budget - August 1, 2016

FY 2015-16 Budget (Current-Amended)			21.40	\$	2,501,043	
Reductions						
Issue	Description	Issue Amount	Workforce	Category Subtotal	Issue Narrative	
Salaries and Benefits			(11.40)	(1,284,116)		
1	Decrease in Total Salaries and Wages	(894,714)	(11.40)			
2	Decrease in Total Fringe Benefits	(389,402)				
Other Personal Services			-	-		
Contracted Services				(600)		
3	Decrease in Contracted Services	(600)				
Operating Expenses				(1,500)		
4	Decrease in Oper Expense - District Travel	(1,500)				
Operating Capital Outlay				-		
Fixed Capital Outlay				-		
Interagency Expenditures (Cooperative Funding)				-		
Debt				-		
Reserves				-		
<b>TOTAL REDUCTIONS</b>			(11.40)	(1,286,216)		

South Florida Water Management District  
**REDUCTIONS - NEW ISSUES**  
5.0 Outreach  
Fiscal Year 2016-17  
Tentative Budget - August 1, 2016

New Issues					Issue Narrative
Issue	Description	Issue Amount	Workforce	Category Subtotal	
Salaries and Benefits		-		-	The overall reduction of authorized FTEs to 1475 has resulted in a decrease in salary and benefit costs in this program of \$1,284,116 due to the reduction of 11.40 FTEs.
Other Personal Services		-		-	
Contracted Services				2,000	Due to an increase in the Legislative Cooperative Position contract.
1	Increase in Cont Serv - Professional	2,000			
Operating Expenses				600	
2	Increase in Oper Expense - Parts and Supplies	600			
Operating Capital Outlay				-	
Fixed Capital Outlay				-	
Interagency Expenditures (Cooperative Funding)				-	
Debt				-	
Reserves				-	
<b>TOTAL NEW ISSUES</b>			0.00	2,600	
<b>5.0 Outreach</b>					
<b>Total Workforce and Tentative Budget for FY 2016-17</b>			10.00	\$ 1,217,427	

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 5.2 Public Information

**District Description:** This outreach component is designed to reach broad audiences in an effort to provide increased awareness of flood control and water management resource issues and the roles/ responsibilities of the District among the 8.1 million residents in South Florida. This includes the development and distribution of publications, public service programming, public meetings, presentations, water resource education, media relations, social media, and content management of the agency website to provide clear, concise, and consistent information regarding District mission, structure, functions, programs, projects and other operational aspects.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

##### 5.2 - Public Information

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 2,197,762	\$ 2,206,174	\$ 2,064,150	\$ 2,362,917	\$ 1,101,707	\$ (1,261,210)	-53.4%
Other Personal Services	\$ 66,806	\$ -	\$ -	\$ -	\$ -	\$ -	
Contracted Services	\$ -	\$ 40,065	\$ 18,232	\$ 18,000	\$ 17,400	\$ (600)	-3.3%
Operating Expenses	\$ 65,433	\$ 58,272	\$ 42,739	\$ 67,720	\$ 66,820	\$ (900)	-1.3%
Operating Capital Outlay	\$ 2,228	\$ -	\$ -	\$ -	\$ -	\$ -	
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL</b>	<b>\$ 2,332,229</b>	<b>\$ 2,304,511</b>	<b>\$ 2,125,121</b>	<b>\$ 2,448,637</b>	<b>\$ 1,185,927</b>	<b>\$ (1,262,710)</b>	<b>-51.6%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	<b>TOTAL</b>
Fiscal Year 2016-17	\$ 1,185,927	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,185,927

##### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	<b>TOTAL</b>
Salaries and Benefits	\$ 1,101,707	\$ -	\$ 1,101,707
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 17,400	\$ -	\$ 17,400
Operating Expenses	\$ 66,820	\$ -	\$ 66,820
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 1,185,927</b>	<b>\$ -</b>	<b>\$ 1,185,927</b>

**Changes and Trends:** The District works to leverage opportunities for earned (free) media and outreach through the creation and distribution of e-newsletters and via the District's website, which contains updated information about priority programs and water resource related issues.

**Budget Variance:** The Fiscal Year 2016-17 tentative budget represents a decrease of \$1,262,710 from the Fiscal Year 2015-16 amended budget primarily due to a reduction in salaries and benefits costs.

**Major Budget Items:** Major budget items include salaries and benefits (\$1,101,707), and participation in local community outreach events to present information about water conservation, flood control, and major projects (\$84,220), including \$15,000 for educational outreach.

There are no items funded with reserves.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 5.4 Cabinet and Legislative Affairs

**District Description:** This outreach component provides information and support to state and federal elected and appointed officials and staff regarding water management initiatives and priorities. It includes the District's federal legislative program, which works with congressional members and staff, as well as the District's state legislative program, which works with the Florida Legislature, its committees, and off-session coordination with legislatively appointed committees and delegations.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 5.4 - Cabinet & Legislative Affairs

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative - Current)	% of Change (Tentative - Current)
Salaries and Benefits	\$ 213,536	\$ 64,692	\$ 100,417	\$ 22,906	\$ -	\$ (22,906)	-100.0%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ 22,365	\$ 19,467	\$ 25,000	\$ 27,000	\$ 2,000	8.0%
Operating Expenses	\$ 11,612	\$ 8,888	\$ 12,091	\$ 4,500	\$ 4,500	\$ -	0.0%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 225,148</b>	<b>\$ 95,945</b>	<b>\$ 131,975</b>	<b>\$ 52,406</b>	<b>\$ 31,500</b>	<b>\$ (20,906)</b>	<b>-39.9%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 31,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31,500

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ -	\$ -	\$ -
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 27,000	\$ -	\$ 27,000
Operating Expenses	\$ 4,500	\$ -	\$ 4,500
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 31,500</b>	<b>\$ -</b>	<b>\$ 31,500</b>

**Changes and Trends:** With a streamlined District organization it remains important to assess the potential impact of state and federal legislative activity and keep Executive staff and the Governing Board informed. This activity represents a continuation level of service from Fiscal Year 2015-16.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents a decrease of \$20,906 from the Fiscal Year 2015-16 amended budget due to a decrease in salaries and benefits costs.

**Major Budget Items:** Major budget items include the District's share of a contractual agreement for federal legislative services administered through the Florida Department of Environmental Protection (\$27,000).

There are no items funded with reserves.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 6.0 District Management and Administration

This program includes all governing and basin board support; executive support; management information systems; unrestricted reserves; and general counsel, ombudsman, human resources, finance, audit, risk management, and administrative services. The overall reduction of authorized FTEs to 1475 has resulted in a decrease in salary and benefit costs in this program.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 6.0 District Management and Administration

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative - Current)	% of Change (Tentative - Current)
Salaries and Benefits	\$ 17,442,041	\$ 17,403,341	\$ 16,122,614	\$ 17,890,660	\$ 17,531,729	\$ (358,931)	-2.0%
Other Personal Services	\$ 2,341,560	\$ 414,431	\$ 22,814	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ 1,951,612	\$ 2,088,455	\$ 3,158,022	\$ 3,146,921	\$ (11,101)	-0.4%
Operating Expenses	\$ 8,094,532	\$ 6,618,142	\$ 5,258,887	\$ 14,410,162	\$ 13,846,631	\$ (563,531)	-3.9%
Operating Capital Outlay	\$ 1,101,854	\$ 517,606	\$ 226,440	\$ 850,756	\$ 1,234,700	\$ 383,944	45.1%
Fixed Capital Outlay	\$ -	\$ -	\$ 6,701	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ 61	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 28,979,987</b>	<b>\$ 26,905,193</b>	<b>\$ 23,725,911</b>	<b>\$ 36,309,600</b>	<b>\$ 35,759,981</b>	<b>\$ (549,619)</b>	<b>-1.5%</b>

#### SOURCE OF FUNDS

Fiscal Year 2016-17

	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Salaries and Benefits	\$ 17,531,729	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,531,729
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contracted Services	\$ 2,862,546	\$ 282,000	\$ -	\$ -	\$ -	\$ 2,375	\$ 3,146,921
Operating Expenses	\$ 11,008,789	\$ 2,837,842	\$ -	\$ -	\$ -	\$ -	\$ 13,846,631
Operating Capital Outlay	\$ 1,234,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,234,700
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 32,637,764</b>	<b>\$ 3,119,842</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,375</b>	<b>\$ 35,759,981</b>

#### RATE, OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Workforce	Rate (Salary without benefits)	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	160	\$ 12,187,570	\$ 17,531,729	\$ -	\$ 17,531,729
Other Personal Services	-	\$ -	\$ -	\$ -	\$ -
Contracted Services	-	\$ -	\$ 2,864,921	\$ 282,000	\$ 3,146,921
Operating Expenses			\$ 11,008,789	\$ 2,837,842	\$ 13,846,631
Operating Capital Outlay			\$ 1,234,700	\$ -	\$ 1,234,700
Fixed Capital Outlay			\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)			\$ -	\$ -	\$ -
Debt			\$ -	\$ -	\$ -
Reserves - Emergency Response			\$ -	\$ -	\$ -
<b>TOTAL</b>			<b>\$ 32,640,139</b>	<b>\$ 3,119,842</b>	<b>\$ 35,759,981</b>

#### WORKFORCE

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

WORKFORCE CATEGORY	Fiscal Year					Current to Tentative 2015-16 to 2016-17	
	2012-13	2013-14	2014-15	2015-16	2016-17	Difference	% Change
Authorized Positions	187	180	161	161	160	(1)	-0.6%
Contingent Worker	0	0	0	0	0	-	-
Other Personal Services	3	1	0	0	0	-	-
Intern	0	0	0	0	0	-	-
Volunteer	0	0	0	0	0	-	-
<b>TOTAL WORKFORCE</b>	<b>190</b>	<b>181</b>	<b>161</b>	<b>161</b>	<b>160</b>	<b>(1)</b>	<b>-0.6%</b>

South Florida Water Management District  
**REDUCTIONS - NEW ISSUES**  
6.0 District Management and Administration  
Fiscal Year 2016-17  
Tentative Budget - August 1, 2016

FY 2015-16 Budget (Current-Amended)				160.70	\$	36,309,600	
Reductions							
Issue	Description	Issue Amount	Workforce	Category	Subtotal	Issue Narrative	
Salaries and Benefits			(1.05)		(358,931)		
1	Decrease in Total Salaries and Wages	(40,116)	(1.05)				
2	Decrease in Total Fringe Benefits	(318,815)					
Other Personal Services			-		-		
Contracted Services					(661,700)		
3	Decrease in Cont Serv - IT Consulting Services (NON-OPS)	(661,700)					
Operating Expenses					(819,078)		
4	Decrease in Operating Expenses	(2,000)					
5	Decrease in Cont Serv - Maint & Repairs - Computer Software	(4,077)					
6	Decrease in ISF - Medical Claims Paid	(276,793)					
7	Decrease in Operating Expenses	(310)					
8	Decrease in Oper Expense - Insurance Premiums Other Property	(101,000)					
9	Decrease in Oper Expense - Other	(85,647)					
10	Decrease in Oper Expense - Rent/Lease Equipment	(4,470)					
11	Decrease in Oper Expense - Space Rental	(3,181)					
12	Decrease in Oper Expense - Vehicle Fuel Card Consumed	(50,000)					
13	Decrease in ISF - Medical/Life Insurance - Retirees	(291,600)					
Operating Capital Outlay					-		
Fixed Capital Outlay					-		
Interagency Expenditures (Cooperative Funding)					-		
Debt					-		
Reserves					-		
<b>TOTAL REDUCTIONS</b>			(1.05)		(1,839,709)		



**South Florida Water Management District**  
**REDUCTIONS - NEW ISSUES**  
**6.0 District Management and Administration**  
**Fiscal Year 2016-17**  
**Tentative Budget - August 1, 2016**

New Issues					Issue Narrative
Issue	Description	Issue Amount	Workforce	Category Subtotal	
Salaries and Benefits		-		-	The overall reduction of authorized FTEs to 1475 has resulted in a decrease in salary and benefit costs in this program of \$358,931 due to the reduction of 1.05 FTEs.
Other Personal Services		-		-	
Contracted Services				650,599	Overall decrease of \$11,101 is primarily due to a reduction of computer consulting services partially offset by an increase legal services, fringe benefit administration professional services, advertising services and the addition of the LiDAR Data Cost Share Program.
1	Increase in Cont Serv - Advertising Services	85,647			
2	Increase in Cont Serv - External Provider	109,952			
3	Increase in Cont Serv - Legal Services	420,000			
4	Increase in Cont Serv - Professional	35,000			
Operating Expenses				255,547	Overall decrease of \$563,531 is primarily due to a reduction in health insurance, property insurance and medical/life insurance charges, partially offset by increase to computer hardware maintenance, and helicopter maintenance and repairs.
5	Increase in Cont Serv - Maint & Repairs - Computer Hardware	91,109			
6	Increase in Cont Serv - Maintenance and Repairs	62,500			
7	Increase in Operating Expenses	105			
8	Increase in Oper Expense - Insurance Claims Automobile	11,000			
9	Increase in Operating Expenses	134			
10	Increase in Oper Expense - Parts and Supplies	8,376			
11	Increase in Operating Expenses	54			
12	Increase in Operating Expenses	5,880			
13	Increase in Oper Expense - Self-Insurance Charges	29,285			
14	Increase in Oper Expense - Worker's Comp Employee Payment	39,000			
15	Increase in Oper Expense - Cell Phone Stipend	5,304			
16	Increase in Oper Expense - Travel for Training	2,800			
Operating Capital Outlay				383,944	Overall increase of \$383,944 is due to replacement of end of life computer hardware, increase in storage, and audio and visual equipment for the auditorium and Governing Board meetings.
17	Increase in Capital Outlay - Equipment	105,000			
18	Increase in Capital Outlay - Equipment Computer Hardware	278,944			
Fixed Capital Outlay				-	
Interagency Expenditures (Cooperative Funding)				-	
Debt				-	
Reserves				-	
<b>TOTAL NEW ISSUES</b>			<b>0.00</b>	<b>1,290,090</b>	
<b>6.0 District Management and Administration</b>					
Total Workforce and Tentative Budget for FY 2016-17			159.65	\$ 35,759,981	

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 6.1 Administrative and Operations Support

**District Description:** This activity supports the District's line organizations and plays a key role in accomplishing District goals and objectives by providing executive direction, financial and human resources expertise, legal advice, counsel and representation, procurement, risk management, and general support functions. The mission of the administrative bureaus is to provide the highest quality and cost effective human, business, and technical services, with a commitment to maximize transparency and demonstrate accountability to the public. These activities are vital for effective management, informed decision-making and mandatory/statutory compliance and to help ensure the organization can accomplish its mission in a timely, planned, cost effective and organized fashion.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT

##### ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 6.1 - Administrative and Operations Support

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 17,421,515	\$ 17,403,341	\$ 16,122,614	\$ 17,890,660	\$ 17,531,729	\$ (358,931)	-2.0%
Other Personal Services	\$ 2,299,270	\$ 414,431	\$ 22,814	\$ -	\$ -	\$ -	
Contracted Services	\$ -	\$ 1,951,612	\$ 2,088,455	\$ 3,158,022	\$ 3,146,921	\$ (11,101)	-0.4%
Operating Expenses	\$ 3,794,999	\$ 1,889,083	\$ 188,941	\$ 7,681,666	\$ 7,118,135	\$ (563,531)	-7.3%
Operating Capital Outlay	\$ 1,101,854	\$ 517,606	\$ 226,440	\$ 850,756	\$ 1,234,700	\$ 383,944	45.1%
Fixed Capital Outlay	\$ -	\$ -	\$ 6,701	\$ -	\$ -	\$ -	
Interagency Expenditures (Cooperative Funding)	\$ -	\$ 61	\$ -	\$ -	\$ -	\$ -	
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL</b>	<b>\$ 24,617,638</b>	<b>\$ 22,176,134</b>	<b>\$ 18,655,965</b>	<b>\$ 29,581,104</b>	<b>\$ 29,031,485</b>	<b>\$ (549,619)</b>	<b>-1.9%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 28,152,848	\$ 876,262	\$ -	\$ -	\$ -	\$ 2,375	\$ 29,031,485

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 17,531,729	\$ -	\$ 17,531,729
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 2,864,921	\$ 282,000	\$ 3,146,921
Operating Expenses	\$ 6,523,873	\$ 594,262	\$ 7,118,135
Operating Capital Outlay	\$ 1,234,700	\$ -	\$ 1,234,700
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 28,155,223</b>	<b>\$ 876,262</b>	<b>\$ 29,031,485</b>

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 6.1.1 Executive Direction

**District Description:** The executive direction sub-activity provides agency-wide direction in a manner consistent with the policy direction of the Governing Board, the Florida Department of Environmental Protection, the Florida Legislature, and the Executive Office of the Governor.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT SUBACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

##### 6.1.1 - Executive Direction

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 782,567	\$ 837,777	\$ 967,413	\$ 861,866	\$ 543,187	\$ (318,679)	-37.0%
Other Personal Services	\$ 24,011	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Expenses	\$ 19,581	\$ 26,726	\$ 29,858	\$ 31,633	\$ 25,825	\$ (5,808)	-18.4%
Operating Capital Outlay	\$ 1,305	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 827,464</b>	<b>\$ 864,503</b>	<b>\$ 997,271</b>	<b>\$ 893,499</b>	<b>\$ 569,012</b>	<b>\$ (324,487)</b>	<b>-36.3%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 569,012	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 569,012

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 543,187	\$ -	\$ 543,187
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ 25,825	\$ -	\$ 25,825
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 569,012</b>	<b>\$ -</b>	<b>\$ 569,012</b>

**Changes and Trends:** This activity represents a decrease in budget from Fiscal Year 2016-17.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents a decrease of \$324,487 from the Fiscal Year 2015-16 amended budget due to a decrease in Salary and Benefits (\$318,679) and a decrease in operating expenses (\$5,808).

**Major Budget Items:** Salaries and benefits (\$543,187).

There are no items funded with reserves.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 6.1.2 General Counsel/Legal

**District Description:** The General Counsel program represents the District in all legal matters including, environmental, regulatory, water supply and land. Legal services are delivered by providing advice to the Governing Board and District staff and by representing the District before the Florida Division of Administrative Hearings and in both state and federal courts.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT SUBACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 6.1.2 - General Counsel / Legal

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 2,249,324	\$ 2,318,135	\$ 2,063,678	\$ 2,256,249	\$ 2,265,023	\$ 8,774	0.4%
Other Personal Services	\$ 617,963	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ 320,818	\$ 653,452	\$ 328,004	\$ 748,004	\$ 420,000	128.0%
Operating Expenses	\$ 75,627	\$ 77,884	\$ 64,995	\$ 82,811	\$ 82,811	\$ -	0.0%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 2,942,914</b>	<b>\$ 2,716,837</b>	<b>\$ 2,782,125</b>	<b>\$ 2,667,064</b>	<b>\$ 3,095,838</b>	<b>\$ 428,774</b>	<b>16.1%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 2,845,838	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 3,095,838

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 2,265,023	\$ -	\$ 2,265,023
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 498,004	\$ 250,000	\$ 748,004
Operating Expenses	\$ 82,811	\$ -	\$ 82,811
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 2,845,838</b>	<b>\$ 250,000</b>	<b>\$ 3,095,838</b>

**Changes and Trends:** This activity represents an increase in budget from Fiscal Year 2015-16.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents an increase of \$428,774 from the Fiscal Year 2015-16 amended budget due to an increase in operating expenses (\$420,000) for outside counsel.

**Major Budget Items:** Major budget items include salaries and benefits (\$2,265,023), and legal and technical support services (\$614,000).

Items funded with reserves without restrictions include a portion of legal fees.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 6.1.3 Inspector General

**District Description:** The Inspector General program provides citizens living within the boundaries of the South Florida Water Management District, including their Governing Board, elected representatives, and District management, with an independent view of operations through objective and professional audits, investigations, reviews, and evaluations of the economy, efficiency and effectiveness of taxpayer-financed programs.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT SUBACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 6.1.3 - Inspector General

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative - Current)	% of Change (Tentative - Current)
Salaries and Benefits	\$ 574,149	\$ 611,507	\$ 624,889	\$ 617,106	\$ 628,076	\$ 10,970	1.8%
Other Personal Services	\$ 155,715	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ 160,385	\$ 190,000	\$ 162,000	\$ 162,000	\$ -	0.0%
Operating Expenses	\$ 11,229	\$ 8,838	\$ 10,072	\$ 17,488	\$ 17,488	\$ -	0.0%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 741,093</b>	<b>\$ 780,730</b>	<b>\$ 824,961</b>	<b>\$ 796,594</b>	<b>\$ 807,564</b>	<b>\$ 10,970</b>	<b>1.4%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 807,564	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 807,564

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 628,076	\$ -	\$ 628,076
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 162,000	\$ -	\$ 162,000
Operating Expenses	\$ 17,488	\$ -	\$ 17,488
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 807,564</b>	<b>\$ -</b>	<b>\$ 807,564</b>

**Changes and Trends:** This activity represents a continuation level from Fiscal Year 2015-16.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents an increase of \$10,970 from the Fiscal Year 2015-16 amended budget due to an increase in Salary and Benefits.

**Major Budget Items:** Major budget items include salaries and benefits (\$628,076) and auditing services (\$152,000).

There are no items funded with reserves.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 6.1.4 Administrative Support

**District Description:** The administrative support program includes all governing and basin board support; budget, finance, risk management, business operations support, inter-governmental programs, administrative services and fleet services, which include flight operations support and administrative vehicle support costs.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT SUBACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 6.1.4 - Administrative Support

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 6,598,942	\$ 6,553,605	\$ 5,578,524	\$ 6,870,242	\$ 7,092,852	\$ 222,610	3.2%
Other Personal Services	\$ 144,345	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ 83,690	\$ 91,057	\$ 218,310	\$ 322,810	\$ 104,500	47.9%
Operating Expenses	\$ 1,121,500	\$ (629,761)	\$ (1,625,543)	\$ 5,313,225	\$ 4,716,617	\$ (596,608)	-11.2%
Operating Capital Outlay	\$ 3,679	\$ -	\$ 5,207	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ 6,701	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ 61	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 7,868,466</b>	<b>\$ 6,007,595</b>	<b>\$ 4,055,946</b>	<b>\$ 12,401,777</b>	<b>\$ 12,132,279</b>	<b>\$ (269,498)</b>	<b>-2.2%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 11,506,017	\$ 626,262	\$ -	\$ -	\$ -	\$ -	\$ 12,132,279

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 7,092,852	\$ -	\$ 7,092,852
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 290,810	\$ 32,000	\$ 322,810
Operating Expenses	\$ 4,122,355	\$ 594,262	\$ 4,716,617
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 11,506,017</b>	<b>\$ 626,262</b>	<b>\$ 12,132,279</b>

**Changes and Trends:** This activity represents a decrease in budget from Fiscal Year 2015-16.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents a decrease of \$269,498 from the Fiscal Year 2015-16 amended budget due to a decrease in operating expenses (\$596,608) that were partially offset by an increase in contractual services (\$104,500) and salary and benefit costs (\$222,610). The decrease in operating expenses is for medical and self-insurance charges. The increase in contractual services is for advertising and contractual services.

**Major Budget Items:** Include salaries and benefits (\$7.1 million); property, automobile, general liability and workers compensation insurance (\$1.8 million), and this program's share of health care self-insurance (\$4.4 million).

Items funded with reserves with restrictions include a portion of property insurance, a portion of workers compensation, and professional fees.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 6.1.6 Procurement/Contract Administration

**District Description:** The procurement program purchases goods and services from vendors throughout the state and nationwide. These purchase orders and agreements are governed by the agency's commitment to quality, cost effectiveness, efficiency and fairness in a competitive arena as well as adherence to applicable statutes, rules and regulations.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT SUBACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 6.1.6 - Procurement / Contract Administration

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 1,918,061	\$ 1,977,285	\$ 1,964,885	\$ 2,082,385	\$ 1,955,362	\$ (127,023)	-6.1%
Other Personal Services	\$ 6,799	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ 5,121	\$ -	\$ 5,750	\$ 53,897	\$ 48,147	837.3%
Operating Expenses	\$ 48,863	\$ 43,931	\$ 26,099	\$ 63,627	\$ 15,480	\$ (48,147)	-75.7%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>TOTAL</b>	<b>\$ 1,973,723</b>	<b>\$ 2,026,337</b>	<b>\$ 1,990,984</b>	<b>\$ 2,151,762</b>	<b>\$ 2,024,739</b>	<b>\$ (127,023)</b>	<b>-5.9%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 2,024,739	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,024,739

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 1,955,362	\$ -	\$ 1,955,362
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 53,897	\$ -	\$ 53,897
Operating Expenses	\$ 15,480	\$ -	\$ 15,480
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 2,024,739</b>	<b>\$ -</b>	<b>\$ 2,024,739</b>

**Changes and Trends:** This activity represents a continuation level from Fiscal Year 2015-16.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents a decrease of \$127,023 from the Fiscal Year 2015-16 amended budget due to a decrease in salary and benefits.

**Major Budget Items:** Include salaries and benefits (\$2.0 million), advertising (\$48,147) and Contracted Services for procurement card compliance audit (\$5,250).

There are no items funded with reserves.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 6.1.7 Human Resources

**District Description:** The human resource program helps the District achieve its goals and objectives by attracting and retaining a high quality, diverse workforce; and by providing guidance, service and development that enables employee success

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT SUBACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 6.1.7 - Human Resources

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 1,339,350	\$ 1,187,919	\$ 1,107,169	\$ 1,256,527	\$ 1,240,067	\$ (16,460)	-1.3%
Other Personal Services	\$ 26,891	\$ -	\$ -	\$ -	\$ -	\$ -	
Contracted Services	\$ -	\$ 47,953	\$ 130,327	\$ 54,000	\$ 54,000	\$ -	0.0%
Operating Expenses	\$ 286,636	\$ 178,496	\$ 76,664	\$ 81,519	\$ 81,519	\$ -	0.0%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL</b>	<b>\$ 1,652,877</b>	<b>\$ 1,414,368</b>	<b>\$ 1,314,160</b>	<b>\$ 1,392,046</b>	<b>\$ 1,375,586</b>	<b>\$ (16,460)</b>	<b>-1.2%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 1,375,586	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,375,586

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 1,240,067	\$ -	\$ 1,240,067
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 54,000	\$ -	\$ 54,000
Operating Expenses	\$ 81,519	\$ -	\$ 81,519
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 1,375,586</b>	<b>\$ -</b>	<b>\$ 1,375,586</b>

**Changes and Trends:** This activity represents a continuation level from Fiscal Year 2015-16.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents a decrease of \$16,460 from the Fiscal Year 2015-16 amended budget due to a decrease in salary and benefits.

**Major Budget Items:** Include salaries and benefits (\$1.2 million) and advertising (\$50,000).

There are no items funded with reserves.



## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 6.1.8 Communications

**District Description:** The telecommunications sub-activity provides District staff with telephone equipment, cellular telephones, service, and data lines.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT

##### SUBACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

##### 6.1.8 - Communications

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 96,454	\$ 113,602	\$ -	\$ 216	\$ -	\$ (216)	-100.0%
Other Personal Services	\$ 16,375	\$ -	\$ -	\$ -	\$ -	\$ -	
Contracted Services	\$ -	\$ 29,475	\$ 29,475	\$ -	\$ -	\$ -	
Operating Expenses	\$ 372,828	\$ 325,517	\$ 176,082	\$ 336,546	\$ 336,546	\$ -	0.0%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL</b>	<b>\$ 485,657</b>	<b>\$ 468,594</b>	<b>\$ 205,557</b>	<b>\$ 336,762</b>	<b>\$ 336,546</b>	<b>\$ (216)</b>	<b>-0.1%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 336,546	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 336,546

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ -	\$ -	\$ -
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ 336,546	\$ -	\$ 336,546
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 336,546</b>	<b>\$ -</b>	<b>\$ 336,546</b>

**Changes and Trends:** This activity represents a continuation level from Fiscal Year 2015-16.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents a decrease of \$216 from the Fiscal Year 2015-16 amended budget due to a decrease in salary and benefits.

**Major Budget Items:** \$336,546 is budgeted for phones, data lines, local and long distance services.

There are no items funded with reserves.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 6.1.9 Technology and Information Services

**District Description:** This sub-activity includes oversight and direction of computer services, computer hardware and software, data lines, computer support and maintenance, IT consulting services, data centers, network operations, web support and updates, desk top support, and application development.

A large portion of this activity's budget is related to maintenance and support of the District's hardware and software; systems engineering; as well as managing, maintaining, and enhancing the District's computer infrastructure. This infrastructure includes a substantial microwave network that ties together all remote sites throughout the District's 16-county jurisdiction.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT

##### PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 6.1.9 - Technology and Information Services

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative - Current)	% of Change (Tentative - Current)
Salaries and Benefits	\$ 3,862,668	\$ 3,803,511	\$ 3,816,056	\$ 3,946,069	\$ 3,807,162	\$ (138,907)	-3.5%
Other Personal Services	\$ 1,307,171	\$ 414,431	\$ 22,814	\$ -	\$ -	\$ -	
Contracted Services	\$ -	\$ 1,304,170	\$ 994,144	\$ 2,389,958	\$ 1,806,210	\$ (583,748)	-24.4%
Operating Expenses	\$ 1,858,735	\$ 1,857,452	\$ 1,430,714	\$ 1,754,817	\$ 1,841,849	\$ 87,032	5.0%
Operating Capital Outlay	\$ 1,096,870	\$ 517,606	\$ 221,233	\$ 850,756	\$ 1,234,700	\$ 383,944	45.1%
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL</b>	<b>\$ 8,125,444</b>	<b>\$ 7,897,170</b>	<b>\$ 6,484,961</b>	<b>\$ 8,941,600</b>	<b>\$ 8,689,921</b>	<b>\$ (251,679)</b>	<b>-2.8%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 8,687,546	\$ -	\$ -	\$ -	\$ -	\$ 2,375	\$ 8,689,921

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 3,807,162	\$ -	\$ 3,807,162
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 1,806,210	\$ -	\$ 1,806,210
Operating Expenses	\$ 1,841,849	\$ -	\$ 1,841,849
Operating Capital Outlay	\$ 1,234,700	\$ -	\$ 1,234,700
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 8,689,921</b>	<b>\$ -</b>	<b>\$ 8,689,921</b>

**Changes and Trends:** The reductions in this activity reflect the District's emphasis on streamlining IT support through centralizing support and reducing operating costs.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents a decrease of \$251,679 from the Fiscal Year 2015-16 amended budget. There are additional reductions of \$583,748 for contractual computer support services and \$138,907 for salaries and benefits, partially offset by increase in Capital Outlay (\$383,944) for an increase in storage, and audio and visual equipment for the auditorium and Governing Board meetings.

**Major Budget Items:** Major budget items include \$1,622,038 for computer consulting services (enterprise resource planning, and IT security), \$1,067,976 for software maintenance, \$551,946 for hardware maintenance, \$126,943 for the copier / printer / scanner leases, \$1,234,700 for infrastructure end of life equipment replacement and storage growth, and \$85,667 for a multi-county cost-share agreement for aerial imaging data. There are no items funded with reserves.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### 6.4 Other - Tax Collector/Property Appraiser Fees

**District Description:** This program element is comprised of county tax collector and property appraiser fees. Tax collector fees are calculated as a percent of taxes collected by the tax collector on behalf of the District. Property appraiser fees are based on the District's share of responsibility for the respective property appraisers operating budgets.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-17

#### 6.4 - Other - (Tax Collector / Property Appraiser Fees)

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Operating Expenses	\$ 4,294,861	\$ 4,729,059	\$ 5,069,946	\$ 6,728,496	\$ 6,728,496	\$ -	0.0%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL</b>	<b>\$ 4,294,861</b>	<b>\$ 4,729,059</b>	<b>\$ 5,069,946</b>	<b>\$ 6,728,496</b>	<b>\$ 6,728,496</b>	<b>\$ -</b>	<b>0.0%</b>

<b>SOURCE OF FUNDS</b>	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2016-17	\$ 4,484,916	\$ 2,243,580	\$ -	\$ -	\$ -	\$ -	\$ 6,728,496

#### OPERATING AND NON-OPERATING

Fiscal Year 2016-17

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ -	\$ -	\$ -
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ 4,484,916	\$ 2,243,580	\$ 6,728,496
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 4,484,916</b>	<b>\$ 2,243,580</b>	<b>\$ 6,728,496</b>

**Changes and Trends:** This activity represents a continuation level from Fiscal Year 2015-16.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents no change from the Fiscal Year 2015-16 amended budget. Tax collector and property appraiser fees are budgeted on an annual basis using the methods described above.

**Major Budget Items:** Commissions and property appraiser fees of \$6.7 million associated with collection of District-wide ad valorem taxes are shown in this section. Expenses for the Everglades Forever Act remain in Activity 1.2 (Research, Data Collection, Analysis and Monitoring) to properly tie the cost of collecting the tax to the associated fund and activities.

Items funded with reserves without restrictions include \$2,243,580 in property appraiser and tax collector fees.

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### B. District Specific Programs

#### District Everglades Program

**District Description:** The District Everglades Program is focused on the District's responsibilities outlined in the Everglades Forever Act (EFA) as well as the settlement agreement. The EFA directed the District to acquire land and to design, permit, construct and operate STAs to reduce phosphorus levels in stormwater runoff and other sources before it enters the Everglades Protection Area. The goal of the District Everglades Program is to contribute to Everglades restoration by improving water quality, hydrology and ecology.

#### SOUTH FLORIDA WATER MANAGEMENT DISTRICT PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-2017

#### District Everglades Program

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 16,782,473	\$ 18,071,699	\$ 17,166,239	\$ 20,084,881	\$ 18,483,551	\$ (1,601,330)	-8.0%
Other Personal Services	\$ 1,655,064	\$ 154,130	\$ 70,196	\$ -	\$ 8,036	\$ 8,036	
Contracted Services	\$ -	\$ 2,136,934	\$ 4,677,091	\$ 9,520,537	\$ 5,903,238	\$ (3,617,299)	-38.0%
Operating Expenses	\$ 11,988,466	\$ 10,210,166	\$ 11,952,420	\$ 16,781,400	\$ 15,561,346	\$ (1,220,054)	-7.3%
Operating Capital Outlay	\$ 4,979,380	\$ 4,660,483	\$ 6,766,305	\$ 3,581,553	\$ 2,074,830	\$ (1,506,723)	-42.1%
Fixed Capital Outlay	\$ 1,385,892	\$ 41,000,874	\$ 37,234,705	\$ 57,201,064	\$ 44,340,906	\$ (12,860,158)	-22.5%
Interagency Expenditures (Cooperative Funding)	\$ 731,601	\$ 163,790	\$ 189,673	\$ 52,500	\$ 39,500	\$ (13,000)	-24.8%
Debt	\$ 19,486,658	\$ 19,458,825	\$ 19,456,838	\$ 19,446,451	\$ 17,713,288	\$ (1,733,163)	-8.9%
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 3,000,000	\$ -	0.0%
<b>TOTAL</b>	<b>\$ 57,009,534</b>	<b>\$ 95,856,901</b>	<b>\$ 97,513,467</b>	<b>\$ 129,668,386</b>	<b>\$ 107,124,695</b>	<b>\$ (22,543,691)</b>	<b>-17.4%</b>

**Changes and Trends:** The District continues to implement the Everglades Forever Act through the Long-Term Plan, which was amended in 2013 by the Florida Legislature to include the 2012 Restoration Strategies Regional Water Quality Plan. The Long-Term Plan includes specific projects and processes, the Everglades Regulatory Program and the Everglades Stormwater Program (now called the Non-ECP Basins Program). The District also continues to conduct and publish applied research on Everglades ecology and the recovery of impacted areas. Construction of Compartment B buildout at STA-2 and Compartment C buildout at STA-5/6 was completed in Fiscal Year 2011-12, increasing the area of Everglades STAs by approximately 12,000 acres, for a total area of 57,000 acres.

In 2012, the District, FDEP and the USEPA finalized plans for a new suite of projects, known as Restoration Strategies, which will build upon the existing Long-Term Plan projects and further improve the quality of stormwater entering the Everglades. On September 10, 2012, FDEP issued the District consent orders associated with EFA and National Pollutant Discharge Elimination System (NPDES) permits, which outlined the new suite of projects and deadlines by which to have the projects completed. The ultimate goal of the new water quality improvement features is to further reduce phosphorus concentrations and assist in achieving compliance with State water quality standards. The identified projects primarily consist of shallow reservoirs referred to as flow equalization basins, STA expansions, and associated

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

infrastructure and conveyance improvements. These projects will be designed and constructed through 2025 at a total cost of approximately \$880 million. The A-1 Flow Equalization Basin (FEB) was completed and operational by July 2015 and the L-8 FEB will be completed and operational in Fiscal Year 2016-17.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget represents a decrease of \$22.5 million from the Fiscal Year 2015-16 amended budget. Decreases are due to reduced cash flow requirements for Long Term Plan/Restoration Strategies (\$20.3 million), debt service payments (\$1.7 million), and STA operations and maintenance (\$320,231).

### Major Budget Items:

- Restoration Strategies
  - \$23.0 million to increase the treatment area at STA-1 West;
  - \$12.8 million for G-341-related conveyance improvements (Bolles Canal) construction;
  - \$8.3 million for land acquisition associated with STA-1 West Expansion 2.
  - \$6.2 million to continue implementation of the Science Plan to help improve treatment performance within the Stormwater Treatment Areas;
  - \$1.9 million for design of the Mecca Shallow Impoundment; an additional \$601,156 is budgeted for this project in CERP.
  - \$525,631 to complete construction of S-375 structure expansion (G-716);
  - \$500,000 for Restoration Strategies Source Control activities; and
  - \$192,214 to complete recreation features at A-1 FEB.
- Operations and Maintenance - Continue STA operations and maintenance, including vegetation management, structure inspection program, site management and STA permit-required monitoring (\$28.4 million).
- STA science and evaluation, including optimization and performance, source controls and BMP studies, and monitoring and recovery of impacted areas in the EPA (\$5.2 million).
- Debt service payments (\$17.7 million).

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

### B. District Specific Programs

#### **Comprehensive Everglades Restoration Plan**

**District Description:** The CERP contains more than 60 major components that involve the creation of approximately 217,000 acres of reservoirs and wetland-based water treatment areas. These components will vastly improve the quantity, quality, timing, and distribution of water for the South Florida environment. Benefits will be widespread and include improvements in:

- Lake Okeechobee
- The Caloosahatchee River and Estuary
- The St. Lucie River and Estuary
- The Indian River Lagoon
- Loxahatchee Watershed, River and Estuary
- Lake Worth Lagoon
- Biscayne Bay & Biscayne National Park
- Florida Bay
- The Picayune Strand
- Big Cypress National Preserve
- The Everglades Protection Area, including:
  - The Loxahatchee National Wildlife Refuge (WCA-1)
  - Water Conservations Areas 2 and 3
  - Everglades National Park

In addition, implementation of the CERP will improve and sustain water supplies for urban and agricultural needs, while maintaining current C&SF Flood Control Project purposes.

The CERP includes pilot projects to test technologies, such as aquifer storage and recovery and seepage management methods, which are essential to the implementation of CERP. The CERP also includes seven critical restoration projects, for which project cooperative agreements were executed and the projects constructed by the USACE and the District.

The CERP program encompasses:

- Planning and Evaluation
- Pre-construction Engineering and Design
- Real Estate Acquisition
- Permitting
- Capital Construction
- Operations and Maintenance of Constructed Facilities
- Environmental Remediation and Mitigation

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

- A Science-Based Adaptive Assessment and Monitoring Effort
- Program Management Activities

### SOUTH FLORIDA WATER MANAGEMENT DISTRICT PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17

TENTATIVE BUDGET - Fiscal Year 2016-2017

#### Comprehensive Everglades Restoration Plan Program

	Fiscal Year 2012-13 (Actual-Audited)	Fiscal Year 2013-14 (Actual - Audited)	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Salaries and Benefits	\$ 5,660,412	\$ 5,302,447	\$ 6,783,874	\$ 6,330,368	\$ 6,578,535	\$ 248,167	3.9%
Other Personal Services	\$ 2,009,384	\$ -	\$ -	\$ -	\$ -	\$ -	
Contracted Services	\$ -	\$ 1,887,495	\$ 1,422,994	\$ 7,784,514	\$ 1,529,190	\$ (6,255,324)	-80.4%
Operating Expenses	\$ 6,887,956	\$ 11,365,678	\$ 6,339,649	\$ 4,060,596	\$ 3,779,489	\$ (281,107)	-6.9%
Operating Capital Outlay	\$ 4,040,592	\$ 3,166,492	\$ 6,223,049	\$ 3,031,971	\$ 6,213,140	\$ 3,181,169	104.9%
Fixed Capital Outlay	\$ 17,647,330	\$ 43,864,544	\$ 65,331,245	\$ 112,907,473	\$ 119,256,468	\$ 6,348,995	5.6%
Interagency Expenditures (Cooperative Funding)	\$ 1,034,232	\$ 1,285,169	\$ 872,260	\$ 1,208,486	\$ 1,028,570	\$ (179,916)	-14.9%
Debt	\$ 15,749,510	\$ 15,727,015	\$ 15,725,409	\$ 15,718,921	\$ 14,316,237	\$ (1,402,684)	-8.9%
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL</b>	<b>\$ 53,029,416</b>	<b>\$ 82,598,840</b>	<b>\$ 102,698,480</b>	<b>\$ 151,042,329</b>	<b>\$ 152,701,629</b>	<b>\$ 1,659,300</b>	<b>1.1%</b>

**Changes and Trends:** Implementation of the CERP began with the execution of the design agreement between the USACE and the District in May 2000. The design agreement covers the terms and conditions for 50-50 cost-share on the costs for planning, design, development of construction plans and specifications, engineering during construction, adaptive assessment and monitoring and several CERP programmatic activities. In August of 2009, the District and USACE executed the “Master Agreement for Cooperation in Constructing and Operating, Maintaining, Repairing, Replacing and Rehabilitating Projects Authorized to be Undertaken Pursuant to the Comprehensive Everglades Restoration Plan” (CERP Master Agreement). The CERP Master Agreement covers the terms and conditions for 50-50 cost-share on the costs for real estate acquisition and construction of CERP projects, as well as costs for long-term operation, maintenance, repair, replacement and rehabilitation (OMRR&R) of those projects. In 2007, Congress passed the Water Resources Development Act (WRDA) that authorized the Indian River Lagoon, Picayune Strand Restoration, and Site 1 Impoundment projects. In 2014, Congress passed Water Resources Reform and Development Act (WRRDA) that authorized four additional CERP projects: Caloosahatchee River (C-43) West Basin Storage Reservoir, Biscayne Bay Coastal Wetlands - Phase I, C-111 Spreader Canal Western and Broward County Water Preserve Areas.

From 2000 through 2015, the District and the USACE maintained the 50-50 cost-share balance under the design agreement with no requirement for cash payments to the USACE. The balance was maintained by development and management of annual work plans that allocated the necessary planning and design work and expenditures between the District and the USACE. In 2004, the District initiated design and construction of several CERP projects. In recent years, the District focused available resources on five major construction projects: C111 Spreader Canal Western, C-44 Reservoir and Stormwater Treatment Area, Biscayne Bay Coastal Wetlands - Phase 1, Picayune Strand Restoration, and Caloosahatchee River (C-43) West Basin Storage Reservoir Restoration. The tentative FY2016-17 budget includes Save Our Everglades Trust

## IV. PROGRAM AND ACTIVITY ALLOCATIONS

Fund (SOETF) funding for \$100 million to continue construction on the Caloosahatchee River (C-43) West Basin Storage Reservoir and the C-44 Reservoir and Stormwater Treatment Area and CERP planning, design and engineering. The budget also includes \$10.8 million from the Land Acquisition Trust Fund (LATF) for Biscayne Bay Coastal Wetlands and Picayune Strand land acquisition. The District and USACE continue to work closely in managing the design agreement and CERP Master Agreement work and expenditures in an effort to maintain the 50-50 cost-share balance without the District being required to make cash contributions to the USACE. The completed project features of the Biscayne Bay Coastal Wetlands - Phase I (Deering Estate Flow-way and portions of the L-31E Flow-way), C-111 Spreader Canal Western Project and Picayune Strand (Merritt Pump Station) projects are now in the post-construction Operation and Maintenance phase.

**Budget Variances:** The Fiscal Year 2016-17 tentative budget for CERP of \$152.7 million represents an increase of \$1.7 million from the Fiscal Year 2015-16 amended budget, primarily due to an increase in SOETF funds for several projects. The following provides a summary of net budget variances for several projects: Increases in the construction of Caloosahatchee River (C-43) West Basin Storage Reservoir (\$9.7 million), the C-44 Reservoir and Stormwater Treatment Area (\$14.5 million), CERP Planning, Design and Engineering (\$2.5 million - \$3.0 million appropriated less \$469,460 amended into Fiscal Year 2015-16 budget); Biscayne Bay Coastal Wetlands-Phase I (\$4.9 million); C-111 Spreader Canal (\$4.3M); Central Everglades Planning Project Old Tamiami Trail Removal (\$3 M); and the Western Everglades Project (\$1.0M). These increases were partially offset by decreases in planned expenditures for the C-111 South Dade Project (\$15.2 million); the Ten Mile Creek Reservoir (\$7.2M); the Southern Corkscrew Regional Ecosystem Watershed (CREW) / Imperial River Flow-Way Project (\$3.6 million), Aquifer Storage and Recovery (\$2.5 million), the Picayune Strand Restoration (\$3.5 million), and the Loxahatchee River Watershed Restoration projects (\$1.1 million).

**Major Budget Items:** Major budget items to implement the CERP in Fiscal Year 2016-17 include continued design, construction, and other activities for projects.

- Indian River Lagoon, South (\$63.1 million) – which includes \$60 million for C-44 Reservoir and Stormwater Treatment Area from the SOETF – to continue construction of the Pump Station and STA in conjunction with the USACE. The District is the lead on both Pump Station and STA construction.
- Caloosahatchee River (C-43) West Basin Storage Reservoir (\$37.5 million, including \$37 million from the SOETF) – for continued construction of the reservoir.
- Picayune Strand Restoration (\$6.0 million), including \$5.0 million from LATF and \$256,691 from SOETF appropriations– For acquisition and clean-up of remaining project lands, and design of the Southwest Protection Feature.
- Loxahatchee River Watershed Restoration Project (\$1.1M) – including funding for the planning effort with the USACE to complete the LRWRP Project Implementation Report and Integrated Environmental Impact Statement.
- C-111 South Dade Project (\$5.6M) - for construction of the north detention area and plugging the L-31W Canal (\$1.4M funded by Alligator Alley tolls); Taylor Slough Infrastructure Modification (\$3M); Field Testing Supplies (\$161K Federal Revenue); and Well Drilling and Instrumentation (\$98K) funded by Alligator Alley tolls
- C-111 Spreader Canal (\$4.8M) – for design and engineering (\$655K funded by SOETF) and increased pumping capacity at the S-199/S-220 pumps (\$4M).



#### **IV. PROGRAM AND ACTIVITY ALLOCATIONS**

- Biscayne Bay Coastal Wetlands - Phase 1 (\$6.5 million) – including \$5.8 million from the LATF for Land Acquisition and incremental improvements and restoration within the project area (\$50,000).
- Central Everglades Planning Project (\$3.0 million) – for Old Tamiami Trail Removal power line relocations.
- Western Everglades Restoration Project (\$1.2 million) - - for project planning, design and engineering.
- WCA-3 Decompartmentalization and Sheetflow Enhancement Part 1 Project (\$543,619) – for sampling and laboratory analysis in support of decompartmentalization physical model testing.
- Lake Okeechobee Watershed Project (\$993,296) - for project planning, design and engineering.
- Ten Mile Creek – (\$267,496) – For construction monitoring and project support.
- Southern Corkscrew Regional Ecosystem Watershed (CREW) / Imperial River Flow-Way Project (\$535,528) - for permit required monitoring and project support.
- RECOVER and adaptive assessment and monitoring (\$1.7 million).
- Data Management and Interagency Modeling (\$520,675) – for computer hardware and software dedicated to CERP and CERP regional modeling.
- Program Management and Support (\$15.4 million) – including debt service associated with the 2015 series COPs re-financing (\$14.3 million).

## **IV. PROGRAM AND ACTIVITY ALLOCATIONS**

### **C. Program and Activity by Area of Responsibility**

This section provides a spreadsheet of District expenditures by program, activity, and area of responsibility for Fiscal Years 2014-15, 2015-16, and 2016-17. These breakdowns are based on the statutory requirements of section 373.536, F.S., and on an identification of key District activities within the statutory program areas.

Expenditures in the four areas of responsibility are provided only at the program level. These AOR (water supply, water quality, flood protection, and natural systems) allocations are estimates only and do not reflect the overlap between the areas of responsibility. For instance, a land acquisition project can serve more than one purpose (i.e., flood protection / floodplain management and natural systems). Therefore, the AOR expenditures should be viewed only as one indication of whether the District is adequately addressing each area of responsibility. The overlap between the AORs is indicated where there is an "x" placed under more than one area of responsibility for an activity in the statements following the narrative.

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT  
PROGRAMS, ACTIVITIES AND SUBACTIVITIES BY AREA OF RESPONSIBILITY**

Fiscal Year 2014-15 (Actual - Audited)

**TENTATIVE BUDGET - Fiscal Year 2016-17**

PROGRAMS, ACTIVITIES AND SUB-ACTIVITIES	Fiscal Year 2014-15 (Actual - Audited)	Water Supply	Water Quality	Flood Protection	Natural Systems
<b>1.0 Water Resources Planning and Monitoring</b>	<b>\$36,607,364</b>	<b>\$6,830,666</b>	<b>\$17,690,727</b>	<b>\$1,885,573</b>	<b>\$10,200,398</b>
1.1 - District Water Management Planning	12,709,237	X	X	X	X
1.1.1 Water Supply Planning	4,371,632	X			X
1.1.2 Minimum Flows and Levels	782,452	X			X
1.1.3 Other Water Resources Planning	7,555,153	X	X	X	X
1.2 - Research, Data Collection, Analysis and Monitoring	21,767,319	X	X	X	X
1.3 - Technical Assistance	272,920	X			X
1.4 - Other Water Resources Planning and Monitoring Activities	0				
1.5 - Technology & Information Services	1,857,888		X		X
<b>2.0 Acquisition, Restoration and Public Works</b>	<b>\$193,548,855</b>	<b>\$36,554,137</b>	<b>\$45,312,445</b>	<b>\$3,444,193</b>	<b>\$108,238,080</b>
2.1 - Land Acquisition	0				
2.2 - Water Source Development	1,896,576	X			
2.2.1 Water Resource Development Projects	308,490	X			
2.2.2 Water Supply Development Assistance	1,588,086	X			
2.2.3 Other Water Source Development Activities	0				
2.3 - Surface Water Projects	189,896,985	X	X	X	X
2.4 - Other Cooperative Projects	445,524	X			
2.5 - Facilities Construction and Major Renovations	6,934	X	X	X	X
2.6 - Other Acquisition and Restoration Activities	0				
2.7 - Technology & Information Service	1,302,836		X	X	X
<b>3.0 Operation and Maintenance of Lands and Works</b>	<b>\$165,170,334</b>	<b>\$41,144,778</b>	<b>\$24,202,165</b>	<b>\$84,419,217</b>	<b>\$15,404,174</b>
3.1 - Land Management	14,197,376	X	X	X	X
3.2 - Works	113,257,415	X	X	X	X
3.3 - Facilities	4,088,150	X	X	X	X
3.4 - Invasive Plant Control	19,738,342	X	X	X	X
3.5 - Other Operation and Maintenance Activities	4,258,532	X	X	X	X
3.6 - Fleet Services <sup>(2)</sup>	1,270,572	X		X	
3.7 - Technology & Information Services <sup>(1)</sup>	8,359,947	X	X	X	X
<b>4.0 Regulation</b>	<b>\$20,708,775</b>	<b>\$6,737,209</b>	<b>\$5,021,683</b>	<b>\$4,243,881</b>	<b>\$4,706,002</b>
4.1 - Consumptive Use Permitting	5,041,733	X			
4.2 - Water Well Construction Permitting and Contractor Licensing	0				
4.3 - Environmental Resource and Surface Water Permitting	9,270,981	X	X	X	X
4.4 - Other Regulatory and Enforcement Activities	4,072,500	X	X	X	X
4.5 - Technology & Information Service	2,323,561	X	X	X	X
<b>5.0 Outreach</b>	<b>\$2,257,096</b>	<b>\$584,200</b>	<b>\$557,632</b>	<b>\$557,632</b>	<b>\$557,632</b>
5.1 - Water Resource Education	0				
5.2 - Public Information	2,125,121	X	X	X	X
5.3 - Public Relations	0				
5.4 - Cabinet & Legislative Affairs	131,975	X	X	X	X
5.5 - Other Outreach Activities	0				
5.6 - Technology & Information Service	0				
SUBTOTAL - Major Programs (excluding Management and Administration)	\$418,292,424				
<b>6.0 District Management and Administration</b>	<b>\$23,725,911</b>				
6.1 - Administrative and Operations Support	18,655,965				
6.1.1 - Executive Direction	997,271				
6.1.2 - General Counsel / Legal	2,782,125				
6.1.3 - Inspector General	824,961				
6.1.4 - Administrative Support	4,055,946				
6.1.5 - Fleet Services	0				
6.1.6 - Procurement / Contract Administration	1,990,984				
6.1.7 - Human Resources	1,314,160				
6.1.8 - Communications	205,557				
6.1.9 - Technology & Information Services	6,484,961				
6.2 - Computer/Computer Support	0				
6.3 - Reserves	0				
6.4 - Other - (Tax Collector / Property Appraiser Fees)	5,069,946				
<b>TOTAL</b>	<b>\$442,018,335</b>				

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT**  
**PROGRAMS, ACTIVITIES AND SUBACTIVITIES BY AREA OF RESPONSIBILITY**

Fiscal Year 2015-16 (Current Amended)

**TENTATIVE BUDGET - Fiscal Year 2016-17**

PROGRAMS, ACTIVITIES AND SUB-ACTIVITIES	Fiscal Year 2015-16 (Current Amended)	Water Supply	Water Quality	Flood Protection	Natural Systems
<b>1.0 Water Resources Planning and Monitoring</b>	<b>\$51,579,945</b>	<b>\$20,229,329</b>	<b>\$18,634,859</b>	<b>\$1,813,649</b>	<b>\$10,902,108</b>
1.1 - District Water Management Planning	26,066,243	X	X	X	X
1.1.1 Water Supply Planning	18,757,319	X			X
1.1.2 Minimum Flows and Levels	482,169	X			X
1.1.3 Other Water Resources Planning	6,826,755	X	X	X	X
1.2 - Research, Data Collection, Analysis and Monitoring	22,327,752	X	X	X	X
1.3 - Technical Assistance	311,466	X			X
1.4 - Other Water Resources Planning and Monitoring Activities	0				
1.5 - Technology & Information Services	2,874,484		X		X
<b>2.0 Acquisition, Restoration and Public Works</b>	<b>\$335,722,612</b>	<b>\$55,331,610</b>	<b>\$88,278,335</b>	<b>\$13,586,987</b>	<b>\$178,525,680</b>
2.1 - Land Acquisition	0				
2.2 - Water Source Development	10,525,027	X			
2.2.1 Water Resource Development Projects	408,762	X			
2.2.2 Water Supply Development Assistance	10,116,265	X			
2.2.3 Other Water Source Development Activities	0				
2.3 - Surface Water Projects	323,366,280	X	X	X	X
2.4 - Other Cooperative Projects	396,327	X			
2.5 - Facilities Construction and Major Renovations	0				
2.6 - Other Acquisition and Restoration Activities	0				
2.7 - Technology & Information Service	1,434,978		X	X	X
<b>3.0 Operation and Maintenance of Lands and Works</b>	<b>\$300,030,658</b>	<b>\$76,111,777</b>	<b>\$37,749,753</b>	<b>\$152,040,613</b>	<b>\$34,128,515</b>
3.1 - Land Management	40,493,763	X	X	X	X
3.2 - Works	210,316,259	X	X	X	X
3.3 - Facilities	4,441,570	X	X	X	X
3.4 - Invasive Plant Control	27,132,998	X	X	X	X
3.5 - Other Operation and Maintenance Activities	5,033,976	X	X	X	X
3.6 - Fleet Services <sup>(2)</sup>	1,881,199	X	X	X	X
3.7 - Technology & Information Services <sup>(1)</sup>	10,730,893	X	X	X	X
<b>4.0 Regulation</b>	<b>\$27,314,085</b>	<b>\$8,662,687</b>	<b>\$6,567,104</b>	<b>\$5,916,631</b>	<b>\$6,167,663</b>
4.1 - Consumptive Use Permitting	5,895,263	X			
4.2 - Water Well Construction Permitting and Contractor Licensing	0				
4.3 - Environmental Resource and Surface Water Permitting	10,199,037	X	X	X	X
4.4 - Other Regulatory and Enforcement Activities	8,606,666	X	X	X	X
4.5 - Technology & Information Service	2,613,119	X	X	X	X
<b>5.0 Outreach</b>	<b>\$2,501,043</b>	<b>\$643,122</b>	<b>\$619,307</b>	<b>\$619,307</b>	<b>\$619,307</b>
5.1 - Water Resource Education	0				
5.2 - Public Information	2,448,637	X	X	X	X
5.3 - Public Relations	0				
5.4 - Cabinet & Legislative Affairs	52,406	X	X	X	X
5.5 - Other Outreach Activities	0				
5.6 - Technology & Information Service	0				
SUBTOTAL - Major Programs (excluding Management and Administration)	\$717,148,343				
<b>6.0 District Management and Administration</b>	<b>\$36,309,600</b>				
6.1 - Administrative and Operations Support	29,581,104				
6.1.1 - Executive Direction	893,499				
6.1.2 - General Counsel / Legal	2,667,064				
6.1.3 - Inspector General	796,594				
6.1.4 - Administrative Support	12,401,777				
6.1.5 - Fleet Services	0				
6.1.6 - Procurement / Contract Administration	2,151,762				
6.1.7 - Human Resources	1,392,046				
6.1.8 - Communications	336,762				
6.1.9 - Technology & Information Services	8,941,600				
6.2 - Computer/Computer Support	0				
6.3 - Reserves	0				
6.4 - Other - (Tax Collector / Property Appraiser Fees)	6,728,496				
<b>TOTAL</b>	<b>\$753,457,943</b>				

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT  
PROGRAMS, ACTIVITIES AND SUBACTIVITIES BY AREA OF RESPONSIBILITY**

Fiscal Year 2016-17 (Tentative Budget)

**TENTATIVE BUDGET - Fiscal Year 2016-17**

PROGRAMS, ACTIVITIES AND SUB-ACTIVITIES	Fiscal Year 2016-17 (Tentative Budget)	Water Supply	Water Quality	Flood Protection	Natural Systems
<b>1.0 Water Resources Planning and Monitoring</b>	<b>\$53,757,464</b>	<b>\$19,466,310</b>	<b>\$21,164,287</b>	<b>\$1,982,276</b>	<b>\$11,144,591</b>
1.1 - District Water Management Planning	29,019,954	X	X	X	X
1.1.1 Water Supply Planning	17,870,068	X			X
1.1.2 Minimum Flows and Levels	501,800	X			X
1.1.3 Other Water Resources Planning	10,648,086	X	X	X	X
1.2 - Research, Data Collection, Analysis and Monitoring	21,480,554	X	X	X	X
1.3 - Technical Assistance	205,800	X			X
1.4 - Other Water Resources Planning and Monitoring Activities	0				
1.5 - Technology & Information Services	3,051,156		X		X
<b>2.0 Acquisition, Restoration and Public Works</b>	<b>\$338,167,683</b>	<b>\$49,756,949</b>	<b>\$128,955,525</b>	<b>\$3,757,202</b>	<b>\$155,698,007</b>
2.1 - Land Acquisition	0				
2.2 - Water Source Development	6,032,814	X			
2.2.1 Water Resource Development Projects	252,220	X			
2.2.2 Water Supply Development Assistance	5,780,594	X			
2.2.3 Other Water Source Development Activities	0				
2.3 - Surface Water Projects	330,268,043	X	X	X	X
2.4 - Other Cooperative Projects	360,754	X			
2.5 - Facilities Construction and Major Renovations	0	X	X	X	X
2.6 - Other Acquisition and Restoration Activities	0				
2.7 - Technology & Information Service	1,506,072		X	X	X
<b>3.0 Operation and Maintenance of Lands and Works</b>	<b>\$273,069,738</b>	<b>\$68,680,139</b>	<b>\$36,440,316</b>	<b>\$140,910,868</b>	<b>\$27,038,415</b>
3.1 - Land Management	23,435,316	X	X	X	X
3.2 - Works	199,977,498	X	X	X	X
3.3 - Facilities	4,096,407	X	X	X	X
3.4 - Invasive Plant Control	25,965,003	X	X	X	X
3.5 - Other Operation and Maintenance Activities	4,767,669	X	X	X	X
3.6 - Fleet Services <sup>(2)</sup>	4,870,665	X	X	X	X
3.7 - Technology & Information Services <sup>(1)</sup>	9,957,180	X	X	X	X
<b>4.0 Regulation</b>	<b>\$24,273,683</b>	<b>\$7,712,030</b>	<b>\$5,949,331</b>	<b>\$5,369,568</b>	<b>\$5,242,754</b>
4.1 - Consumptive Use Permitting	5,336,446	X			
4.2 - Water Well Construction Permitting and Contractor Licensing	0				
4.3 - Environmental Resource and Surface Water Permitting	9,064,633	X	X	X	X
4.4 - Other Regulatory and Enforcement Activities	7,246,054	X	X	X	X
4.5 - Technology & Information Service	2,626,550	X	X	X	X
<b>5.0 Outreach</b>	<b>\$2,386,579</b>	<b>\$614,623</b>	<b>\$590,652</b>	<b>\$590,652</b>	<b>\$590,652</b>
5.1 - Water Resource Education	0				
5.2 - Public Information	2,304,148	X	X	X	X
5.3 - Public Relations	0				
5.4 - Cabinet & Legislative Affairs	82,431	X	X	X	X
5.5 - Other Outreach Activities	0				
5.6 - Technology & Information Service	0				
SUBTOTAL - Major Programs (excluding Management and Administration)	\$691,655,147				
<b>6.0 District Management and Administration</b>	<b>\$34,590,829</b>				
6.1 - Administrative and Operations Support	27,862,333				
6.1.1 - Executive Direction	569,012				
6.1.2 - General Counsel / Legal	2,913,716				
6.1.3 - Inspector General	807,564				
6.1.4 - Administrative Support	11,145,249				
6.1.5 - Fleet Services	0				
6.1.6 - Procurement / Contract Administration	2,024,739				
6.1.7 - Human Resources	1,375,586				
6.1.8 - Communications	336,546				
6.1.9 - Technology & Information Services	8,689,921				
6.2 - Computer/Computer Support	0				
6.3 - Reserves	0				
6.4 - Other - (Tax Collector / Property Appraiser Fees)	6,728,496				
<b>TOTAL</b>	<b>\$726,245,976</b>				

## V. SUMMARY OF STAFFING LEVELS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT  
**SUMMARY OF WORKFORCE**  
 Fiscal Years 2012-13, 2013-14, 2014-15, 2015-16, and 2016-17  
 TENTATIVE BUDGET - Fiscal Year 2016-17

PROGRAM	WORKFORCE CATEGORY	2012-13 to 2016-17		Fiscal Year					Current to Tentative 2015-16 to 2016-17	
		Difference	% Change	2012-13	2013-14	2014-15	2015-16	2016-17	Difference	% Change
All Programs	Authorized Positions	(145)	-8.95%	1,620	1,588	1,530	1,530	1,475	(55)	-3.59%
	Contingent Worker	-		-	-	-	-	-	-	
	Other Personal Services	(25)	-86.21%	29	20	8	5	4	(1)	-20.00%
	Intern	-		-	-	-	-	-	-	
	Volunteer	-		-	-	-	-	-	-	
	TOTAL WORKFORCE	(170)	-10.31%	1,649	1,608	1,538	1,535	1,479	(56)	-3.65%
Water Resource Planning and Monitoring	Authorized Positions	(32)	-12.12%	264	258	251	238	232	(6)	-2.52%
	Contingent Worker	-		0	0	0	0	0	-	
	Other Personal Services	(5)	-83.33%	6	5	4	2	1	(1)	-50.00%
	Intern	-		0	0	0	0	0	-	
	Volunteer	-		0	0	0	0	0	-	
	TOTAL WORKFORCE	(37)	-13.70%	270	263	255	240	233	(7)	-2.92%
Acquisition, Restoration and Public Works	Authorized Positions	(13)	-9.15%	142	142	147	150	129	(21)	-14.00%
	Contingent Worker	-		0	0	0	0	0	-	
	Other Personal Services	(3)	-100.00%	3	1	0	0	0	-	
	Intern	-		0	0	0	0	0	-	
	Volunteer	-		0	0	0	0	0	-	
	TOTAL WORKFORCE	(16)	-11.03%	145	143	147	150	129	(21)	-14.00%
Operations and Maintenance of Lands and Works	Authorized Positions	(21)	-2.71%	775	768	741	751	754	3	0.40%
	Contingent Worker	-		0	0	0	0	0	-	
	Other Personal Services	(10)	-90.91%	11	9	1	1	1	-	0.00%
	Intern	-		0	0	0	0	0	-	
	Volunteer	-		0	0	0	0	0	-	
	TOTAL WORKFORCE	(31)	-3.94%	786	777	742	752	755	3	0.40%
Regulation	Authorized Positions	(34)	-15.11%	225	217	209	209	191	(18)	-8.61%
	Contingent Worker	-		0	0	0	0	0	-	
	Other Personal Services	(4)	-66.67%	6	4	3	2	2	-	0.00%
	Intern	-		0	0	0	0	0	-	
	Volunteer	-		0	0	0	0	0	-	
	TOTAL WORKFORCE	(38)	-16.45%	231	221	212	211	193	(18)	-8.53%
Outreach	Authorized Positions	(7)	-25.93%	27	23	21	21	20	(1)	-4.76%
	Contingent Worker	-		0	0	0	0	0	-	
	Other Personal Services	-		0	0	0	0	0	-	
	Intern	-		0	0	0	0	0	-	
	Volunteer	-		0	0	0	0	0	-	
	TOTAL WORKFORCE	(7)	-25.93%	27	23	21	21	20	(1)	-4.76%
Management and Administration	Authorized Positions	(38)	-20.32%	187	180	161	161	149	(12)	-7.45%
	Contingent Worker	-		0	0	0	0	0	-	
	Other Personal Services	(3)	-100.00%	3	1	0	0	0	-	
	Intern	-		0	0	0	0	0	-	
	Volunteer	-		0	0	0	0	0	-	
	TOTAL WORKFORCE	(41)	-21.58%	190	181	161	161	149	(12)	-7.45%

## **VI. PERFORMANCE MEASURES**

This section presents a selection of process performance measurements that were developed through a joint effort with the Department of Environmental Protection and all five water management districts. These measures reflect the core mission elements of the District – flood control, water quality / natural systems, and water supply – as well as mission support activities. The information is reported as of the end of Fiscal Year 2014-15 and is in a standard format developed for this report.

Additional standard metrics for all water management districts as well as SFWMD-specific metrics developed for this report are available upon request.

WMD Performance Measures

<b>INSTRUCTIONS:</b> For each measure, report totals for each quarter (use the WMD fiscal year, starting on 10/01), and for the fiscal year if requested. Due 21 days after each quarter ends. <b><u>Be sure to fill in the dropdown boxes in row 1 each quarter.</u></b>	Purpose	Notes / Calculation Method
<b>Report each quarter:</b>		
Permitting - CUP, ERP*		
* <b>Note for CUP</b>		1) Individually processed applications are those that require individual review, including dewatering permits and excluding letter modifications and exemptions. There are three categories of Individual Applications: <0.1 mgd permitted avg. day, ≥0.1 mgd permitted avg. day, and all individuals combined. 2) All authorizations combined is a combination that includes all categories listed (individuals <0.1 mgd avg. day, ≥0.1 mgd avg. day and letter modifications). 3) For FY 14-15 we are collecting <u>both</u> median and mean values.
* <b>Note for ERP</b>		1) Individually processed ERP permits include: standard general and individual permits, mitigation bank permits, conceptual permits, variances, modification permits, formal determinations and denials. Individually processed ERP permits does not include informal determinations or administrative modifications. 2) Letter modifications include extensions, but do not include extensions that pertain to Senate Bills, House Bills, or states of emergency. 3) Noticed generals in the exemptions and noticed generals category refer to Noticed Generals by rule. 4) All authorizations combined is a combination that includes all categories listed (exemptions and noticed generals, letter modifications and extensions, and individually processed). Exclude the reporting of Legislative Extensions and Emergency Orders from measures 1-7; these are to be included on in metrics 8 and 9. 5) For FY 14-15 we are collecting <u>both</u> median and mean values.
1. For closed applications within the CUP and ERP permitting areas, median time to process by permit type and total	To examine permitting time that is under the control of district staff, and to compare times among districts to determine if improvements can be made.	Closed means District has taken final agency action (final action). Include denials. Do not include transfers. Time the WMD has possession of application, minus the number of days the applicant takes to respond to the RAI and minus the number of days the permit was under legal challenge. Remember to fill in the Year-to-Date median and means, also. Each quarter, there will be 20 numbers for the CUP permitting area (ten quarterly values [median and mean for: <0.1 mgd avg. day individual, ≥0.1 mgd avg. day individual, all individual combined, letter modifications, and all authorizations combined] and ten annualized year-to-date values). Similarly, there will be 16 numbers for the ERP permitting area (eight quarterly values [median and mean for: exemptions and noticed generals, letter modifications and extensions, individually processed, and all authorizations combined] and eight annualized year-to-date values). For ERP, do not include the Legislative Extensions and Emergency Orders in this metric.
2. For closed applications within the CUPand ERP permitting areas, the median time in house by permit type and total, including those applications under legal challenge.	To examine how times for applicant responses and for legal challenges affect overall permitting times. This helps us see the effects of permit-related activites not under district staff control on total permitting times.	Closed means District has taken final agency action (final action). Include denials. Do not include transfers. Time from receipt to Final Agency Action (Final Action), including applicant time and any time when an application was under legal challenge. Remember to fill in the Year-to-Date medians and means, also. Each quarter, there will be 20 numbers for the CUP permitting area (ten quarterly values [median and mean for: <0.1 mgd avg. day individual, ≥0.1 mgd avg. day individual, all individuals combined, letter modifications, and all authorizations combined] and ten year-to-date annualized values). Similarly, there will be 16 numbers for the ERP permitting area (eight quarterly values [median and mean for: exemptions and noticed generals, letter modifications and extensions, individually processed, and all authorizations combined] and eight annualized year-to-date values). For ERP, do not include the Legislative Extensions and Emergency Orders in this metric.



## WMD Performance Measures

<b>INSTRUCTIONS: For each measure, report totals for each quarter (use the WMD fiscal year, starting on 10/01), and for the fiscal year if requested. Due 21 days after each quarter ends. <u>Be sure to fill in the dropdown boxes in row 1 each quarter.</u></b>	Purpose	Notes / Calculation Method
3. Within the CUP and ERP permitting areas, percentage of <u>individually-processed</u> open applications with > 2 RAIs	To help identify applications with several RAIs and determine if procedures are needed to reduce the number of RAIs.	“Open application” means a snapshot in time, where the snapshot is taken on the last day of the quarter. Report two numbers within each permitting area. Note: Excludes exemptions, extensions, letter modifications, and noticed general permits. For ERP, also excludes Legislative Extensions and Emergency Orders.
4. Within the CUP and ERP permitting areas, average number of RAI’s for <u>individually processed</u> applications that closed in the last twelve months	To help identify districts with fewer RAIs and examine if their procedues might be implemented in districts with more RAIs.	Closed means District has taken final agency action. Include denials. Do not include transfers. Report one average within each permitting area. This is a rolling 12-month average. For example, this means that the first quarter of FY 14-15 will report those closed from the last 3 quarters of FY 13-14. Note: Excludes exemptions, extensions, letter modifications, and noticed general permits. For ERP, also excludes Legislative Extensions and Emergency Orders.
5. Within the CUP and ERP permitting areas, percentage of <u>individually processed</u> open applications that have been in-house six months or longer	To help identify old applications so that they can be acted upon, as appropriate.	“Open application” means a snapshot in time, where the snapshot is taken on the last day of the quarter. Report two numbers within each permitting area. Note: Excludes exemptions, extensions, letter modifications, and noticed general permits. For ERP, also excludes Legislative Extensions and Emergency Orders.
6. Within the CUP and ERP permitting areas, cost to process-for all permit types	To help identify districts with cost-effective permitting procedures and examine if these procedures can be introduced into other districts that have higher higher costs.	Calculation: Total cost divided by number of "open applications" (open at anytime that quarter). Cost includes direct costs (salary + benefits) for staff that process permit applications (i.e., does <u>not</u> include direct costs for compliance or enforcement). Number of permits includes all authorizations combined as defined in metrics 1-3. For ERP, do not include the Legislative Extensions and Emergency Orders in this metric.
7. Within the CUP and ERP permitting areas, application to staff ratio for all permit types	To estimate district permitting workload.	“Open application” means open at anytime that quarter. Report: Total open applications (includes all authorizations combined as defined in metrics 1-3 ) and number of staff for that permit area. This includes paid part-time student staff (i.e., does not include unpaid interns), clerical staff that scan the permits as they come in but have other responsibilities, and field inspectors who do site inspections related to permit issuance (but not inspections for compliance or enforcement). For staff with other responsibilities, the District can allocate an average percentage of that person's time spent on each permit area, and use that figure in the calculations. The calculation should include the time spent directly on each permitting area, and will involve a calculation of a FTE equivalent. For ERP, do not include the Legislative Extensions and Emergency Orders in this metric.
8. Permit Process Time for Legislative Extensions and Emergency Orders (ERP Only)	To record District permit processing times that are not included in metrics 1-7.	<b>ERP ONLY!</b> Report in the quarter in which the Legislative Extension/Emergency Order closes. Closed means final agency action is taken/the letter to the permittee has been sent. Include denials. Do not include “open” Legislative Extensions and Emergency Orders which have not yet received agency action. Calculation: Time means the total number of days ( = Final Agency Action Date - Application Receipt Date) the WMD takes to reach final agency action or issue a response to a Legislative Extension or Emergency Order during the reporting period. Report as the median days for all of the extensions/emergency orders which closed that quarter. Includes all Senate, House and any Emergency extensions. <u>Note:</u> Extensions and emergency orders are a notification and neither activity is associated with an application.
9. Cost to Process Legislative Extensions and Emergency Orders (ERP only)	To record District permitting costs that are not included in metrics 1-7.	<b>ERP ONLY!</b> Report in the quarter in which the Legislative Extension/Emergency Order closes. Closed means final agency action is taken/the letter to the permittee has been sent. Include denials. Calculation: Total processing cost divided by number of Legislative Extensions and Emergency Orders closed during the quarter. Cost includes direct costs (salary + benefits) for staff that process Legislative Extensions and Emergency Orders. Number of permits includes the total number of Legislative Extensions and Emergency Orders closed during the quarter. Do not include “open” Legislative Extensions and Emergency Orders which have not yet received agency action. <u>Note:</u> Extensions and emergency orders are a notification and neither activity is associated with an application.

WMD Performance Measures

INSTRUCTIONS: For each measure, report totals for each quarter (use the WMD fiscal year, starting on 10/01), and for the fiscal year if requested. Due 21 days after each quarter ends. <b>Be sure to fill in the dropdown boxes in row 1 each quarter.</b>		Purpose	Notes / Calculation Method
Comments			
Comments - free form		To allow districts to explain their data, particularly for numeric fields. Some districts include concerns they have with the measures, etc.	Enter comments and explanations for the quarter you are reporting on. Follow the directions provided.
Report annually at the end of the 4th quarter:			
Mission Support			
1. Administrative costs as a percentage of total expenditures		To evaluate district progress toward meeting the statutory requirement that administrative costs, including outreach, be < 15%.	Calculation: Administrative costs divided by total expenditures for the fiscal year.
Water Supply			
1. District-wide, the quantity (mgd) and percentage of the 2010-2030 Public Supply increase in demand that has been met separately by non-water conservation projects, and by water conservation (only) projects		To estimate how close a district/the state is to meeting 2030 demand, and identify any districts where projected water availability is lagging so that interventions can begin. Project type helps us examine water conservation, in particular. Note that DEP's executive management is particularly interested in comparing metrics 1a and 1d. Graph 1d(ii) is proposed as a DEP Long-Range Performance Plan metric.	Report the 2010-2030 projected demand, and the cumulative public supply quantities made during the fiscal year by non-water conservation projects and by water conservation projects. 2010-2030 demand serves as the baseline. Report three separate numbers. The increase in demand comes from the District's RWSPs. Note also that reuse is <u>not</u> considered "conservation" for the purposes of this metric.
2. Uniform gross per capita water use (Public Supply) by District		To show trends in Public Supply usage, the largest sector of water use statewide.	(Utility Service Area Finished Water Use) / (Utility Service Area Residential Population). See March 3, 2008 <i>Guidance On Per Capita Water Use</i> document. Units are gallons per capita per day.
3. Uniform residential per capita water use (Public Supply) by District		To separate out the residential portion of Public Supply usage, and identify trends.	(Utility Service Area Finished Water Used by Dwelling Units) / (Utility Service Area Residential Population). See March 3, 2008 <i>Guidance On Per Capita Water Use</i> document. Units are gallons per capita per day.
Natural Systems			
1. Number of MFLs and Reservations, by water body type, established annually (fiscal year) and cumulatively		To graphically represent each districts past and current progress on establishing MFLs. Sharing this information with executive management reminds everyone of the importance of MFLs.	Annual means the number of MFLs adopted during the current fiscal year only (e.g., in FY 14-15 only). Cumulative means total number of MFLS the District has adopted (ever). Include reservations in the MFL count. Do <u>not</u> include restricted allocation areas or other similar area types in the counts.

WMD Performance Measures

<b>INSTRUCTIONS:</b> For each measure, report totals for each quarter (use the WMD fiscal year, starting on 10/01), and for the fiscal year if requested. Due 21 days after each quarter ends. <b>Be sure to fill in the dropdown boxes in row 1 each quarter.</b>	<b>Purpose</b>	<b>Notes / Calculation Method</b>
2. Number and percentage of water bodies meeting their adopted MFLs	To examine trends showing a district's progress in meeting their established MFLs.	Note that this measure is worded in the <u>POSITIVE</u> . A water body is <u>not</u> meeting its MFL if: i) it has a recovery strategy in place, or ii) it needs to have a recovery strategy but the District has not yet adopted one. For example, if a District has 100 water bodies with adopted MFLs, and 25 of those water bodies have recovery strategies and an additional 5 need recovery strategies that are still under development, then 70 water bodies meet the MFL. The values to input into the spreadsheet are: a) 70, b) 100. The spreadsheet will calculate the percentage.
3. For water bodies <u>not</u> meeting their adopted MFLs, the number and percentage of those water bodies with an adopted recovery or prevention strategy	To examine trends showing a district's progress in moving towards meeting MFLs for those water bodies either not meeting or expected not to meet their established MFLs.	Continuing the example from measure 3: The number of water bodies not meeting the MFL is 30 (= 25 +5). Of the 30 water bodies that need a recovery strategy, 25 actually have a recovery strategy in place. The values to input into the spreadsheet are: a) 25, b) 30. The spreadsheet will calculate the percentage.
<b>MFL Priorities List Table</b>		
Fill in the <u>MFLs Priorities List Table</u> for individual water bodies on the current fiscal year's approved MFL Priorities List.	To monitor each district's progress their MFL Priorities List. The table provides details that graphs cannot.	For FY 14-15, include water bodies on the FY 14-15 Priorities List (submitted to DEP in fall 2014). Do <u>not</u> change the reporting table to include other MFL-related items.

## Performance Metrics Reporting Form - Consumptive Use Permitting

Water Management District	Fiscal Year	Quarter		
	14-15	4	← COMPLETE DROP DOWNS, INCLUDING WMD NAME	
Consumptive Use Permits - Quarterly Measures			Annualized Average	
<b>1. Permit Process Time for Closed Applications</b>	Median	Mean	Median*	Mean*
a) individually processed permits < 0.1 mgd	6.00	11.42	7.00	14.50
b) individually processed permits ≥ 0.1 mgd	47.00	50.96	42.00	60.44
c) individually processed permits - all sizes combined	8.00	20.13	13.00	25.59
d) letter modifications	15.00	19.84	18.50	21.15
e) all authorizations combined	7.00	20.19	11.00	26.66
			* Last 4 quarters; please fill in each quarter	
<b>2. Time in House for Closed Applications, Including Applications Under Legal Challenge</b>	Median	Mean	Median*	Mean*
a) individually processed permits < 0.1 mgd	6.00	17.38	7.00	25.36
b) individually processed permits ≥ 0.1 mgd	55.00	87.86	55.00	146.48
c) individually processed permits - all sizes combined	8.00	31.46	13.00	52.35
d) letter modifications	15.00	23.18	18.50	30.89
e) all authorizations combined	7.00	33.13	12.00	57.48
			* Last 4 quarters; please fill in each quarter	
<b>3. Percentage of Individually Processed Open Applications with &gt; 2 RAIs</b>	Number	Percent		
a) number of individually processed open applications with > 2 RAIs	7	3.98%		
b) total number of individually processed open applications	176			
<b>4. Average Number of RAI's for Individually Processed Applications that Closed in the Last Twelve Months</b>	Average			
	0.16			
<b>5. Percentage of Individually Processed Open Applications that Have Been In-House Six Months or Longer</b>	Number	Percent		
a) number of individually processed open applications in house ≥ six months	42	23.86%		
b) total number of individually processed open applications	176			
<b>6. Cost to Process Permits</b>	Number	Cost		
a) total cost	\$305,969.09	\$411.80		
b) number of permits	743			
<b>7. In-House Application to Staff Ratio for All Permit Types</b>	Number	Ratio		
a) total number of open applications	743	38.90		
b) number of staff for the permit area	19.10			

## Performance Metrics Reporting Form - Environmental Resource Permitting

Water Management District	Fiscal Year	Quarter			
	14-15	4	← COMPLETE DROP DOWNS, INCLUDING WMD NAME		
Environmental Resource Permits - Quarterly Measures			Annualized Average		
<b>1. Permit Process Time for Closed Applications</b>	Median	Mean	Median*	Mean*	* Last 4 quarters; please fill in each quarter
a) exemptions and noticed general permits	25.00	27.08	24.00	25.89	
b) individually processed permits	61.00	68.41	57.00	69.83	
c) letter modifications and extensions	30.00	32.35	28.00	31.67	
d) all authorizations combined	42.00	47.64	40.00	47.18	
<b>2. Time in House for Closed Applications, Including Applications Under Legal Challenge</b>	Median	Mean	Median*	Mean*	* Last 4 quarters; please fill in each quarter
a) exemptions and noticed general permits	25.00	33.13	24.00	39.07	
b) individually processed permits	79.00	149.44	80.00	164.24	
c) letter modifications and extensions	30.00	45.03	29.00	44.86	
d) all authorizations combined	44.00	89.60	42.00	94.66	
<b>3. Percentage of Individually Processed Open Applications with &gt; 2 RAIs</b>	Number	Percent			
a) number of individually processed open applications with > 2 RAIs	73	18.07%			
b) total number of individually processed open applications	404				
<b>4. Average Number of RAI's for Individually Processed Applications that Closed in the Last Twelve Months</b>	Average				
	0.95				
<b>5. Percentage of Individually Processed Open Applications that Have Been In-House Six Months or Longer</b>	Number	Percent			
a) number of individually processed open applications in house ≥ six months	166	41.09%			
b) total number of individually processed open applications	404				
<b>6. Cost to Process Permits</b>	Number	Cost			
a) total cost	\$459,132.60	\$455.04			
b) number of permits	1,009				
<b>7. In-House Application to Staff Ratio for All Permit Types</b>	Number	Ratio			
a) total number of open applications	1,009	36.69			
b) number of staff for the permit area	27.50				

## Performance Metrics Reporting Form - Mission Support

Water Management District	Fiscal Year	Quarter
	14-15	4
Mission Support - Annual Measure		
1. Administrative Costs as a Percentage of Total Expenditures (report cumulative totals for each quarter during a fiscal year)	Number	Percent
a) administrative costs	33,497,356	7.31%
b) total expenditures	458,497,356	

## Performance Metrics Reporting Form - Water Supply

Water Management District	Fiscal Year	Quarter
	14-15	4
Water Supply - Annual Measures		
<b>1. District-wide, the quantity (mgd) and percentage of the 2010-2030 Public Supply increase in demand that has been met</b> a) 2010-2030 increase in demand (mgd) b) quantity (mgd) of Public Supply demand met, excluding water conservation projects c) quantity (mgd) of Public Supply demand met, by water conservation projects only d) quantity (mgd) of Public Supply demand met by all water projects	<b>MGD</b> 330.00 279.00 280.00 559.00	<b>Percent</b>  84.55% 84.85% 169.39%
<b>2. Uniform gross per capita water use (Public Supply) by District (gallons per capita per day)</b>	<b>GPCD</b> 125.00	
<b>3. Uniform residential per capita water use (Public Supply) by District (gallons per capita per day)</b>	<b>82.00</b>	

## Performance Metrics Reporting Form - Natural Systems

Water Management District	Fiscal Year	Quarter
	14-15	4
Natural Systems - Annual Measures		
<b>1. Number of MFLs and Reservations, by water body type, established annually (fiscal year) and cumulatively (ever)</b>	<b>Annual</b>	<b>Cumulative</b>
a) aquifer	0	14
b) estuary	0	6
c) lake	0	2
d) river	0	2
e) spring	0	0
f) wetland	0	21
<b>2. Number and percentage of water bodies meeting their adopted MFLs</b>	<b>Annual</b>	<b>Percent</b>
a) number of water bodies meeting MFLs	17	42.50%
b) number of water bodies with adopted MFLs	40	
<b>3. For water bodies not meeting their adopted MFLs, the number and percentage of those water bodies with an adopted recovery or prevention strategy</b>	<b>Annual</b>	<b>Percent</b>
a) number of water bodies with an adopted recovery or prevention strategy	23	100.00%
b) number of water bodies supposed to have an adopted recovery or prevention strategy	23	



### Performance Metrics Reporting Form - MFL Priorities List Table

[illegible]

## VII. BIG CYPRESS BASIN BUDGET

### **Big Cypress Basin Background (Fiscal Year 2014-15 through Fiscal Year 2016-17)**

The Florida State Legislature enacted the Water Resources Act in 1972 which divided the state into five regional Water Management Districts defined along natural river basin boundaries. This Act (Chapter 373) also greatly expanded the responsibilities of the Districts. Further definition of water management roles were established as a result of a legislative amendment resulting in the establishment of two basin boards within the South Florida Water Management District. The basins were named Okeechobee Basin and Big Cypress Basin.

The Big Cypress Basin includes all of Collier and mainland Monroe counties, the Big Cypress National Preserve and the 10,000 Islands. In Fiscal Year 2015-16, property owners within the Big Cypress Basin were assessed the millage rate of 0.1429 mills and the District-at-large tax rate of 0.1459 mills – for a combined tax assessment of 0.2888 mills.

The proposed millage rates to support the Fiscal Year 2016-17 tentative budget are the rolled-back millage rates which are 0.1336 mills in the Big Cypress Basin and 0.1359 mills for the District-at-large. The total Big Cypress Basin proposed tax rate is the compilation of the rolled-back rates of 0.2695 mills, which is a decrease of \$1.93 per \$100,000 of taxable value from the prior year adopted millage rates. Final millage rates and budget for the Fiscal Year 2016-17 Big Cypress Basin budget will be presented for discussion and approval by the Basin Board in August and will be presented for discussion and adoption by the District Board in September 2016.

# ACTUAL AUDITED BUDGET - REVENUES, EXPENDITURES, AND PERSONNEL BY PROGRAM FOR FISCAL YEAR 2014-15

## SOUTH FLORIDA WATER MANAGEMENT DISTRICT

### Big Cypress Basin

	Water Resource Planning and Monitoring	Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	Management and Administration	TOTAL
<b>REVENUES</b>							
<i>Non-dedicated Revenues</i>							
Reserves							
Ad Valorem Taxes							
Permit & License Fees							
Local Revenues							
State General Revenue							
Miscellaneous Revenues							
<i>Non-dedicated Revenues Subtotal</i>							\$ -
<i>Dedicated Revenues</i>							
Reserves	\$ 802,648	\$ 469,649	\$ 1,348,307	\$ -	\$ -	\$ -	\$ 2,620,604
Ad Valorem Taxes	2,456,902	1,437,596	5,402,840	15,111		147,812	\$ 9,460,261
Permit & License Fees			10,725				\$ 10,725
Local Revenues							\$ -
Ag Privilege Tax							\$ -
Ecosystem Management Trust Fund							\$ -
FDEP/EPC Gardiner Trust Fund							\$ -
FDOT/Mitigation							\$ -
Water Management Lands Trust Fund							\$ -
Water Quality Assurance Trust Fund							\$ -
Florida Forever							\$ -
State General Revenue							\$ -
Other State Revenue							\$ -
Alligator Alley Tolls							\$ -
Federal Revenues							\$ -
Miscellaneous Revenues			406,027	3,727		49,499	\$ 459,253
<i>Dedicated Revenues Subtotal</i>	3,259,550	1,907,245	7,167,899	18,838	-	197,311	\$ 12,550,843
<b>TOTAL REVENUES</b>	<b>\$ 3,259,550</b>	<b>\$ 1,907,245</b>	<b>\$ 7,167,899</b>	<b>\$ 18,838</b>	<b>\$ -</b>	<b>\$ 197,311</b>	<b>\$ 12,550,843</b>
<b>EXPENDITURES</b>							
Salaries and Benefits	\$ 477,191	\$ 495,882	\$ 1,481,263	\$ 18,838	\$ -	\$ -	\$ 2,473,174
Contracts	100,063		117,657				\$ 217,720
Operating Expenses	83,580	2,940	1,580,408			197,311	\$ 1,864,239
Operating Capital Outlay		88,895	111,672				\$ 200,567
Fixed Capital Outlay			3,876,899				\$ 3,876,899
Interagency Expenditures	2,598,716	1,319,528					\$ 3,918,244
Debt	-	-	-	-	-	-	\$ -
Reserves							\$ -
<b>TOTAL EXPENDITURES</b>	<b>\$ 3,259,550</b>	<b>\$ 1,907,245</b>	<b>\$ 7,167,899</b>	<b>\$ 18,838</b>	<b>\$ -</b>	<b>\$ 197,311</b>	<b>\$ 12,550,843</b>
<b>PERSONNEL</b>							
Full-time Equivalents	4	9	18	1	0	0	32
Contract/Other	0	0	0	0	0	0	0
<b>SFWM D TOTAL PERSONNEL</b>	<b>Fiscal Year 2016-17 Tentative Budget Submission</b>			<b>1</b>	<b>0</b>	<b>0</b>	<b>163 32</b>

# CURRENT AMENDED BUDGET - REVENUES, EXPENDITURES, AND PERSONNEL BY PROGRAM FOR FISCAL YEAR 2015-16

## SOUTH FLORIDA WATER MANAGEMENT DISTRICT Big Cypress Basin

	Water Resource Planning and Monitoring	Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	Management and Administration	TOTAL
<b>REVENUES</b>							
<i>Non-dedicated Revenues</i>							
Reserves							
Ad Valorem Taxes							
Permit & License Fees							
Local Revenues							
State General Revenue							
Miscellaneous Revenues							
<i>Non-dedicated Revenues Subtotal</i>							\$ -
<i>Dedicated Revenues</i>							
Reserves	\$ 397,622	\$ -	\$ 2,655,206	\$ -	\$ -	\$ -	\$ 3,052,828
Ad Valorem Taxes	2,328,069	1,135,058	5,794,574	20,577	-	309,285	\$ 9,587,563
Permit & License Fees	-	-	8,000	-	-	-	\$ 8,000
Local Revenues	-	-	-	-	-	-	\$ -
Ag Privilege Tax	-	-	-	-	-	-	\$ -
Ecosystem Management Trust Fund	-	-	-	-	-	-	\$ -
FDEP/EPC Gardiner Trust Fund	-	-	-	-	-	-	\$ -
FDOT/Mitigation	-	-	-	-	-	-	\$ -
Water Management Lands Trust Fund	-	-	-	-	-	-	\$ -
Water Quality Assurance Trust Fund	-	-	-	-	-	-	\$ -
Florida Forever	-	-	-	-	-	-	\$ -
State General Revenue	-	-	-	-	-	-	\$ -
Other State Revenue	-	-	-	-	-	-	\$ -
Alligator Alley Tolls	-	-	-	-	-	-	\$ -
Federal Revenues	-	-	-	-	-	-	\$ -
Miscellaneous Revenues	-	-	217,781	-	-	-	\$ 217,781
<i>Dedicated Revenues Subtotal</i>	2,725,691	1,135,058	8,675,561	20,577	-	309,285	\$ 12,866,172
<b>TOTAL REVENUES</b>	<b>\$ 2,725,691</b>	<b>\$ 1,135,058</b>	<b>\$ 8,675,561</b>	<b>\$ 20,577</b>	<b>\$ -</b>	<b>\$ 309,285</b>	<b>\$ 12,866,172</b>
<b>EXPENDITURES</b>							
Salaries and Benefits	\$ 415,663	\$ 58	\$ 1,745,888	\$ 20,577	\$ -	\$ -	\$ 2,182,186
Contracts	25,250		383,382				\$ 408,632
Operating Expenses	91,656		1,976,312			309,285	\$ 2,377,253
Operating Capital Outlay			310,000				\$ 310,000
Fixed Capital Outlay			3,499,578				\$ 3,499,578
Interagency Expenditures	2,193,122	1,135,000					\$ 3,328,122
Debt							\$ -
Reserves			760,401				\$ 760,401
<b>TOTAL EXPENDITURES</b>	<b>\$ 2,725,691</b>	<b>\$ 1,135,058</b>	<b>\$ 8,675,561</b>	<b>\$ 20,577</b>	<b>\$ -</b>	<b>\$ 309,285</b>	<b>\$ 12,866,172</b>
<b>PERSONNEL</b>							
Full-time Equivalents	4	0	19	0	0	0	23
Contract/Other	0	0	0	0	0	0	0
<b>SFWMD TOTAL PERSONNEL</b>	<b>Fiscal Year 2016-17 Tentative Budget Submission</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>164 23</b>

# TENTATIVE BUDGET - REVENUES, EXPENDITURES, AND PERSONNEL BY PROGRAM FOR FISCAL YEAR 2016-17

## SOUTH FLORIDA WATER MANAGEMENT DISTRICT

### Big Cypress Basin

	Water Resource Planning and Monitoring	Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	Management and Administration	TOTAL
<b>REVENUES</b>							
<i>Non-dedicated Revenues</i>							
Reserves							
Ad Valorem Taxes							
Permit & License Fees							
Local Revenues							
State General Revenue							
Miscellaneous Revenues							
<i>Non-dedicated Revenues Subtotal</i>							\$ -
<i>Dedicated Revenues</i>							
Reserves	\$ 874,361	\$ 793,600	\$ 1,126,401	\$ -	\$ -	\$ -	\$ 2,794,362
Ad Valorem Taxes	1,538,789	-	7,986,375	20,044	-	309,285	\$ 9,854,493
Permit & License Fees	-	-	8,000	-	-	-	\$ 8,000
Local Revenues	-	-	-	-	-	-	\$ -
Ag Privilege Tax	-	-	-	-	-	-	\$ -
Ecosystem Management Trust Fund	-	-	-	-	-	-	\$ -
FDEP/EPC Gardiner Trust Fund	-	-	-	-	-	-	\$ -
FDOT/Mitigation	-	-	-	-	-	-	\$ -
Water Management Lands Trust Fund	-	-	-	-	-	-	\$ -
Water Quality Assurance Trust Fund	-	-	-	-	-	-	\$ -
Florida Forever	-	-	-	-	-	-	\$ -
State General Revenue	-	-	-	-	-	-	\$ -
Other State Revenue	-	-	-	-	-	-	\$ -
Alligator Alley Tolls	-	-	-	-	-	-	\$ -
Federal Revenues	-	-	-	-	-	-	\$ -
Miscellaneous Revenues	-	-	219,438	-	-	-	\$ 219,438
<i>Dedicated Revenues Subtotal</i>	2,413,150	793,600	9,340,214	20,044	-	309,285	\$ 12,876,293
<b>TOTAL REVENUES</b>	<b>\$ 2,413,150</b>	<b>\$ 793,600</b>	<b>\$ 9,340,214</b>	<b>\$ 20,044</b>	<b>\$ -</b>	<b>\$ 309,285</b>	<b>\$ 12,876,293</b>
<b>EXPENDITURES</b>							
Salaries and Benefits	\$ 365,744	\$ -	\$ 1,911,286	\$ 20,044	\$ -	\$ -	\$ 2,297,074
Contracts	25,000		1,774,382				\$ 1,799,382
Operating Expenses	172,406		3,586,245			309,285	\$ 4,067,936
Operating Capital Outlay			846,000				\$ 846,000
Fixed Capital Outlay			461,900				\$ 461,900
Interagency Expenditures	1,850,000	793,600					\$ 2,643,600
Debt							\$ -
Reserves			760,401				\$ 760,401
<b>TOTAL EXPENDITURES</b>	<b>\$ 2,413,150</b>	<b>\$ 793,600</b>	<b>\$ 9,340,214</b>	<b>\$ 20,044</b>	<b>\$ -</b>	<b>\$ 309,285</b>	<b>\$ 12,876,293</b>
<b>PERSONNEL</b>							
Full-time Equivalents	4	0	22	0	0	0	26
Contract/Other	0	0	0	0	0	0	0
<b>SFWMD TOTAL PERSONNEL</b>	<b>Fiscal Year 2016-17 Tentative Budget Submission</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>165 26</b>

SOUTH FLORIDA WATER MANAGEMENT DISTRICT  
**SOURCES, USES, AND WORKFORCE COMPARISON FOR THREE FISCAL YEARS**  
 Fiscal Years 2014-15 (Actual - Audited) 2015-16 (Current Amended) 2016-17 (Tentative)  
 TENTATIVE BUDGET - Fiscal Year 2016-17  
 Big Cypress Basin

AD VALOREM TAX COMPARISON BIG CYPRESS BASIN	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
Ad Valorem Taxes	\$ 9,460,261	\$ 9,587,563	\$ 9,854,493		
New Construction Estimate	\$ -	\$ 193,398	\$ 273,700		
Millage Rate	0.1520	0.1429	0.1336		
Rolled-Back Rate	0.1520	0.1429	0.1336		
Percent Change from Rolled-Back Rate	0.00%	0.00%	0.00%		
Current Year Gross Taxable Value for Operating Purposes	\$ 64,708,916,276	\$ 70,254,258,232	\$ 77,236,526,640	\$ 6,982,268,408	9.9%
Current Year Net New Taxable Value	\$ 1,068,048,791	\$ 1,417,152,566	\$ 2,144,881,545	\$ 727,728,979	51.4%
Current Year Adjusted Taxable Value	\$ 63,640,867,485	\$ 68,837,105,666	\$ 75,091,645,095	\$ 6,254,539,429	9.1%
<b>SOURCE OF FUNDS</b>					
	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
<i>Non-dedicated Source of Funds</i>					
Reserves	-	-	-	-	-
Ad Valorem Taxes	-	-	-	-	-
Permit & License Fees	-	-	-	-	-
Local Revenues	-	-	-	-	-
State General Revenue	-	-	-	-	-
Miscellaneous Revenues	-	-	-	-	-
<i>Non-dedicated Source of Funds Subtotal</i>	-	-	-	-	-
<i>Dedicated Source of Funds</i>					
Reserves	\$ 2,620,604	\$ 3,052,828	\$ 2,794,362	\$ (258,466)	-8.5%
Ad Valorem Taxes	9,460,261	9,587,563	9,854,493	266,930	2.8%
Permit & License Fees	10,725	8,000	8,000	-	0.0%
Local Revenues	-	-	-	-	-
Ag Privilege Tax	-	-	-	-	-
Ecosystem Management Trust Fund	-	-	-	-	-
FDEP/EPC Gardiner Trust Fund	-	-	-	-	-
FDOT/Mitigation	-	-	-	-	-
Water Management Lands Trust Fund	-	-	-	-	-
Water Quality Assurance Trust Fund	-	-	-	-	-
Florida Forever	-	-	-	-	-
State General Revenue	-	-	-	-	-
Other State Revenue	-	-	-	-	-
Alligator Alley Tolls	-	-	-	-	-
Federal Revenues	-	-	-	-	-
Miscellaneous Revenues	459,253	217,781	219,438	1,657	0.8%
<i>Dedicated Source of Funds Subtotal</i>	12,550,843	12,866,172	12,876,293	10,121	0.1%
<b>SOURCE OF FUNDS TOTAL</b>	<b>\$ 12,550,843</b>	<b>\$ 12,866,172</b>	<b>\$ 12,876,293</b>	<b>\$ 10,121</b>	<b>0.1%</b>
<b>USE OF FUNDS</b>					
Salaries and Benefits	\$ 2,473,174	\$ 2,182,186	\$ 2,297,074	\$ 114,888	5.3%
Contracts	217,720	408,632	1,799,382	1,390,750	340.3%
Operating Expenses	1,864,239	2,377,253	4,067,936	1,690,683	71.1%
Operating Capital Outlay	200,567	310,000	846,000	536,000	172.9%
Fixed Capital Outlay	3,876,899	3,499,578	461,900	(3,037,678)	100.0%
Interagency Expenditures	3,918,244	3,328,122	2,643,600	(684,522)	-20.6%
Debt	-	-	-	-	-
Reserves	-	760,401	760,401	-	0.0%
<b>USE OF FUNDS TOTAL</b>	<b>\$ 12,550,843</b>	<b>\$ 12,866,172</b>	<b>\$ 12,876,293</b>	<b>\$ 10,121</b>	<b>0.1%</b>
<b>WORKFORCE</b>					
Authorized Positions	32	23	26	3	13.0%
Contingent Worker	-	-	-	-	-
Other Personal Services	-	-	-	-	-
<b>TOTAL WORKFORCE</b>	<b>32</b>	<b>23</b>	<b>26</b>	<b>3</b>	<b>13.0%</b>

SOUTH FLORIDA WATER MANAGEMENT DISTRICT  
**THREE YEAR USES OF FUNDS BY PROGRAM**  
Fiscal Years 2014-15 (Actual - Audited) 2015-16 (Current Amended) 2016-17 (Tentative)  
**BIG CYPRESS BASIN**

PROGRAMS AND ACTIVITIES	Fiscal Year 2014-15 (Actual - Audited)	Fiscal Year 2015-16 (Current Amended)	Fiscal Year 2016-17 (Tentative Budget)	Difference in \$ (Tentative -- Current)	% of Change (Tentative -- Current)
<b>1.0 Water Resources Planning and Monitoring</b>	<b>3,259,550</b>	<b>2,725,691</b>	<b>2,413,150</b>	<b>(312,541)</b>	<b>-11.5%</b>
1.1 - District Water Management Planning	3,251,797	2,725,355	2,412,814	(312,541)	-11.5%
1.1.1 Water Supply Planning	-	-	-	-	-
1.1.2 Minimum Flows and Levels	-	-	-	-	-
1.1.3 Other Water Resources Planning	3,251,797	2,725,355	2,412,814	(312,541)	-11.5%
1.2 - Research, Data Collection, Analysis and Monitoring	7,753	336	336	-	0.0%
1.3 - Technical Assistance	-	-	-	-	-
1.4 - Other Water Resources Planning and Monitoring Activities	-	-	-	-	-
<b>2.0 Acquisition, Restoration and Public Works</b>	<b>1,907,245</b>	<b>1,135,058</b>	<b>793,600</b>	<b>(341,458)</b>	<b>-30.1%</b>
2.1 - Land Acquisition	-	-	-	-	-
2.2 - Water Source Development	1,278,278	1,080,058	738,600	(341,458)	-31.6%
2.2.1 Water Resource Development Projects	-	-	-	-	-
2.2.2 Water Supply Development Assistance	1,278,278	1,080,058	738,600	(341,458)	-31.6%
2.2.3 Other Water Source Development Activities	-	-	-	-	-
2.3 - Surface Water Projects	587,717	-	-	-	#DIV/0!
2.4 - Other Cooperative Projects	41,250	55,000	55,000	-	0.0%
2.5 - Facilities Construction and Major Renovations	-	-	-	-	-
2.6 - Other Acquisition and Restoration Activities	-	-	-	-	-
<b>3.0 Operation and Maintenance of Lands and Works</b>	<b>7,167,899</b>	<b>8,675,561</b>	<b>9,340,214</b>	<b>664,653</b>	<b>7.7%</b>
3.1 - Land Management	75,635	62,172	132,172	70,000	112.6%
3.2 - Works	5,993,472	7,069,591	7,621,901	552,310	7.8%
3.3 - Facilities	37,397	44,670	43,170	(1,500)	-3.4%
3.4 - Invasive Plant Control	968,328	1,413,008	1,397,176	(15,832)	-1.1%
3.5 - Other Operation and Maintenance Activities	84,980	45,902	105,396	59,494	129.6%
3.6 Fleet Services	8,087	40,218	40,399	181	0.5%
<b>4.0 Regulation</b>	<b>18,838</b>	<b>20,577</b>	<b>20,044</b>	<b>(533)</b>	<b>-</b>
4.1 - Consumptive Use Permitting	-	-	-	-	-
4.2 - Water Well Construction Permitting and Contractor Licensing	-	-	-	-	-
4.3 - Environmental Resource and Surface Water Permitting	-	-	-	-	-
4.4 - Other Regulatory and Enforcement Activities	18,838	20,577	20,044	(533)	-
<b>5.0 Outreach</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.0%</b>
5.1 - Water Resource Education	-	-	-	-	-
5.2 - Public Information	-	-	-	-	-
5.3 - Public Relations	-	-	-	-	-
5.4 - Lobbying / Legislative Affairs / Cabinet Affairs	-	-	-	-	-
5.5 - Other Outreach Activities	-	-	-	-	-
<i>SUBTOTAL - Major Programs (excluding Management and Administration)</i>	<i>12,353,532</i>	<i>12,556,887</i>	<i>12,567,008</i>	<i>10,121</i>	<i>0.1%</i>
<b>6.0 District Management and Administration</b>	<b>197,311</b>	<b>309,285</b>	<b>309,285</b>	<b>-</b>	<b>0.0%</b>
6.1 - Administrative and Operations Support	-	-	-	-	-
6.1.1 - Executive Direction	-	-	-	-	-
6.1.2 - General Counsel / Legal	-	-	-	-	-
6.1.3 - Inspector General	-	-	-	-	-
6.1.4 - Administrative Support	-	-	-	-	-
6.1.6 - Procurement / Contract Administration	-	-	-	-	-
6.1.7 - Human Resources	-	-	-	-	-
6.1.8 - Communications	-	-	-	-	-
6.1.9 - Other	-	-	-	-	-
6.2 - Computers / Computer Support	-	-	-	-	-
6.2.1 - Executive Direction	-	-	-	-	-
6.2.2 - Administrative Services	-	-	-	-	-
6.2.3 - Application Development	-	-	-	-	-
6.2.4 - Computer Operations	-	-	-	-	-
6.2.5 - Network Support	-	-	-	-	-
6.2.6 - Desk Top Support	-	-	-	-	-
6.2.7 - Asset Acquisition	-	-	-	-	-
6.2.8 - Other	-	-	-	-	-
6.4 - Other (Tax Collector / Property Appraiser Fees)	197,311	309,285	309,285	-	0.0%
<b>TOTAL</b>	<b>12,550,843</b>	<b>12,866,172</b>	<b>12,876,293</b>	<b>10,121</b>	<b>0.1%</b>

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### A. Terms

**Adopted Budget:** The financial plan of revenues and expenditures for a fiscal year as approved by the Governing Board of a Water Management District. The adopted budget is approved by the Governing Board at the Final Public Hearing.

**Ad Valorem Tax:** A tax imposed on the value of real and tangible personal property as certified by the property appraiser in each county. This is commonly referred to as “property tax.”

**Agricultural Privilege Tax:** A non-Ad Valorem tax imposed, pursuant to section 373.4592(6), for the privilege of conducting an agricultural trade or business on real property that is located within the Everglades Agricultural Area.

**Alternative Water Supply (AWS):** The Alternative Water Supply project searches for new methods to meet the demands for water. These include aquifer storage and recovery, and wastewater reuse techniques.

**Appraisal:** An estimate of value, as for sale, assessment, or taxation; valuation.

**Appropriation:** A legislative act authorizing the expenditure of a designated amount of public funds for a specific purpose. An appropriation is usually limited in amount and as to the time when it may be expended.

**Aquifer:** An underground bed or layer of earth, gravel or porous stone that yields water.

**Area of Responsibility (AOR):** The four areas of responsibility, which must be addressed by each water management district: water supply, water quality, natural systems, and flood protection.

**Aquifer Storage and Recovery (ASR):** The practice of storing water in aquifers in times of abundant rainfall and withdrawing it to meet emergency or long-term water demands.

**Assets:** Items of ownership convertible into cash; total resources of a person or business, as cash, notes and accounts receivable, securities, inventories, goodwill, fixtures, machinery, or real estate.

**Audit:** An official examination and verification of financial accounts and records.

**Baseline:** Data for each measure, used as the starting point for comparison.

**Basin Board:** A Governing Board which has jurisdiction over an individual hydrologic sub district under the authority of a Water Management District's Governing Board. Members of basin boards are appointed by the Governor and confirmed by the Senate.

**Best Management Practices (BMPs):** A practice or combination of practices determined, through research, field testing, and expert review, to be the most effective and practicable (including economic and technological considerations) on-site means of improving water quality in discharges.

**Bond:** A security, usually long-term, representing money borrowed from the investing public.



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**Budget:** A financial plan for the operation of a program or organization for a specified period of time (fiscal year) that matches anticipated revenues with proposed expenditures.

**Budget Amendment:** A change to an adopted or previously amended budget that has been approved by the Governing Board of a Water Management District which may increase or decrease the fund total.

**Budget Hearing:** The public hearing conducted by the Governing Board of a Water Management District to consider, solicit public input, and adopt the millage rates and annual budget.

**Canal:** A human-made waterway that is used for draining or irrigating land or for navigation by boat.

**Capital Expenditures:** Funds spent for the acquisition of a long-term asset.

**Capital Improvement Plan (CIP):** A five-year plan for fixed capital outlay that identifies and controls District facilities improvements and land acquisitions, pursuant to the agency's goals.

**Capital Outlay:** Purchase of a fixed asset that has a value of \$1,000 or more, and a useful life of more than one year.

**Capital Project:** An individual facility and/or land-acquisition fixed-capital project identified in the five-year Capital Improvements Plan.

**Central & Southern Florida Project Comprehensive Review Study:** A five-year study effort that looked at modifying the current C&SF Project to restore the greater Everglades and South Florida ecosystem, while providing for the other water-related needs of the region. The study concluded with the Comprehensive Plan being presented to the Congress on July 1, 1999. The recommendations made within the Restudy, that is, structural and operational modifications to the C&SF Project, are being further refined and will be implemented in the Comprehensive Everglades Restoration Plan (CERP).

**Central & Southern Florida Flood Control Project (C&SF):** A complete system of canals, storage areas and water control structures spanning the area from Lake Okeechobee to both the east and west coasts and from Orlando south to the Everglades. It was designed and constructed during the 1950s by the U.S. Army Corps of Engineers (USACE) to provide flood control and improve navigation and recreation.

**Central Florida Water Initiative (CFWI):** St. Johns River, South Florida and Southwest Florida water management districts are working collaboratively with other agencies and stakeholders to address current and long-term water supply needs in a five-county area of central Florida, which include southern Lake, Orange, Osceola, Seminole and Polk Counties, where the three district's boundaries meet.

**Coastal Zone Management:** Coastal Zone Management examines the causes of climate and related changes and their affects.

**Comprehensive Everglades Restoration Plan (CERP):** The framework and guide for the restoration, protection and preservation of the south Florida ecosystem. The CERP also provides for water-related needs of the region, such as water supply and flood protection.

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**Comprehensive Watershed Management:** An initiative established to improve the management of water and related natural resources within the District, which employs a watershed-based approach to resource management.

**Consumptive Use Permitting (CUP):** Consumptive Use Permitting regulates groundwater and surface water withdrawals by major users, such as water utilities, agricultural concerns, nurseries, golf courses, mining and other industrial users.

**Culvert:** A drain crossing under a road or railroad.

**Current Year Net New Taxable Value:** Increases to the Ad Valorem tax base from new construction, plus additions of property to the tax roll minus deletions of property from the tax roll.

**Debt Service:** Principal and interest payments on short- and long-term borrowings.

**Discretionary Funds:** Revenues available for expenditures that are not statutorily or otherwise committed to a specific project. These funds are primarily Ad Valorem revenue.

**Dispersed Water Management (DWM):** Water management facilities constructed and/or operated on public, private and tribal lands to reduce stormwater run-off or regional excess water.

**Documentary Stamp Tax:** An excise tax levied on mortgages recorded in Florida, real property interests, original issues of stock, bonds and debt issuances in Florida, and promissory notes or other written obligations to pay money.

**Dredge:** To clear out; remove sand, silt, mud, etc., from the bottom.

**E-Permitting:** An on-line alternative to permit application submission, queries and reporting. The District's functionality provided includes online Electronic Submittals, Application/Permit Search, Noticing Search, Subscriptions, Agency Comments and Additional Information.

**Ecosystem:** Biological communities together with their environment, functioning as a unit.

**Encumbrance:** A legal commitment of appropriated funds to purchase an item or service. To encumber funds means to set aside or commit funds for a specified future expenditure.

**Encumbered Carryforward:** The amount of an appropriation that is still legally committed to purchase an item or services at the end of a fiscal year. These funds are added to the next fiscal year's budget, resulting in the Revised Budget.

**Environmental Resource Permit (ERP):** A permit issued by the District under authority of Chapter 40E-4, Florida Administrative Code (F.A.C.), to ensure that land development projects do not cause adverse environmental, water quality and water quantity impacts.

**Estuary:** The part of the wide lower course of a river where it's current is met by ocean tides or arms of the sea at the lower end of a river where freshwater and saltwater meet.

**Everglades Long-Term Plan:** The 2003 legislative session amended the 1994 EFA [s.373.4592, F.S.] to implement the March 2003 Everglades Protection Area Tributary Basins

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Conceptual Plan for achieving Long-Term Water Quality Goals Final Report document, now known as the Everglades “Long-Term Plan.” (Committee substitute for Senate Bill 626/Chapter 2003-12, Laws of Florida)

**Expenditure:** The payment of cash or the transfer of property or services for the purpose of acquiring an asset, service or settling a loss for governmental funds.

**Expense:** Charges incurred for operating, maintenance, interest or other charges for non-governmental funds.

**Fees:** A charge by government associated with providing a service, permitting an activity, or imposing a fine or penalty. Major types of fees charged by the District include Consumptive Use Permits, Environmental Resource Permits, etc.

**Final Millage:** The tax rate adopted in the final public hearing of a taxing authority.

**Fiscal Year (FY):** A 12-month period to which the annual operating budget applies and at the end of which a government determines its financial position and the results of its operations. The fiscal year for the Water Management District is October 1 through September 30.

**Fixed Asset:** Assets of a long-term character that is intended to continue to be held or used, such as land, buildings, improvements other than buildings, machinery, and equipment.

**Fixed Capital Outlay:** Payment for such items as lands and land improvements, land easements, water control structures, bridges, buildings and improvements, and leasehold improvements. Items have an estimated service life of at least one year.

**Floodplain:** Land next to a stream or river that is flooded during high-water flow.

**Florida Administrative Code (F.A.C.):** The official compilation of the administrative rules and regulations of state agencies.

**Florida Department of Environmental Protection:** The District operates under the general supervisory authority of the FDEP, which includes budgetary oversight.

**Florida Forever:** The Florida Forever Act, section 259.105, F.S. , enacted by the 1999 Legislature and signed into law by Governor Bush as the successor program to the Preservation 2000 land acquisition program, provides \$3 billion over ten years to acquire land or less than fee interests in land to protect environmentally significant lands for conservation, recreation, water resource protection, wildlife habitat protection and to provide for the proper management of and public access to those lands.

**Florida Statutes (F.S.):** A permanent collection of state laws organized by subject area into a code made up of titles, chapters, parts and sections. The Florida Statutes are updated annually by laws that create, amend, or repeal statutory material.

**Full-Time Equivalent (FTE):** A measurement of employee work hours, both allocated and utilized. One FTE is equivalent to 2,080 work hours per year (40 hours per week for 52 weeks).

**Fund:** A fiscal and accounting entity with a self-balancing set of accounts recording cash and other financial resources, together with all related liabilities and residual equities or balances,

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and changes therein, which are segregated for the purpose of carrying on specific activities or attaining certain objectives in accordance with special regulations, restrictions, or limitations.

**General Fund:** The governmental accounting fund supported by Ad Valorem (property) taxes, licenses and permits, service charges, and other general revenues to provide District-wide operating services.

**Geographic Information Systems (GIS):** A specialized data management system designed for the entry, analysis, and display of data commonly found on maps.

**Governing Board:** The Water Management District is governed by a nine-member board appointed by the Governor to serve staggered four-year terms. Board members, who are selected by the Governor and serve without salary, must be confirmed by the Florida Senate.

**Grant:** A contribution of assets (usually cash) by one governmental unit or other organization to another made for a specific purpose.

**Hurricane/Emergency Reserves:** Budgeted funds to be used for contingencies, managerial reserves, and capital expenditure needs requiring additional Governing Board approval.

**Hydrology:** The scientific study of the properties, distribution and effects of water on the earth's surface, in the soil and underlying rocks, and in the atmosphere.

**Inspector General:** The Inspector General provides an independent view of district operations through objective and professional audits, investigations, reviews and evaluations of the economy and efficiency of taxpayer-financed programs. This information is then made available to the District Governing Board and management, elected representatives, and citizens within the District's boundaries.

**Irrigation:** The application of water to crops and other plants by artificial means.

**Interagency Expenditures:** Funds used to assist other local agencies, regional agencies, the State of Florida, the federal government, public and private universities, and not-for-profit organizations in projects that have a public purpose.

**Lagoon:** A body of water separated from the ocean by barrier islands, with limited exchange with the ocean through inlets.

**Land Acquisition Trust Fund (LATF):** The trust fund established by the 2015 Legislature for the acquisition, management and restoration of land, water areas and related property interests pursuant to Section 28, Article X of the State Constitution.

**Levee:** An embankment used to prevent or confine flooding.

**Levy/Levied:** To impose taxes, special assessments, or service charges for the support of governmental activities.

**Loading:** The amount of material carried by water into a specified area, expressed as mass per unit of time. One example is phosphorus loading into a Water Conservation Area, measured in metric tons per year.

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**Managerial Reserves:** Funds earmarked in the current budget for specific future use, which could occur in the same fiscal year, and requires approval by the Governing Board to be expended.

**Marsh:** An area of low-lying wetlands.

**Mandate:** Any responsibility, action, or procedure that is imposed by one branch of government on another through constitutional, legislative, administrative, executive, or judicial action as a direct order, or that is required as a condition of aid.

**Measure:** Indicator used to assess performance in achieving objectives or program goals.

**Millage Rate:** The tax rate on real property, based on \$1 per \$1,000 of assessed property value.

**Minimum Flows and Levels (MFLs):** The district has been legislatively mandated (Section 373.042, F.S.) to establish minimum flows or water levels for the State's surface water courses, surface water bodies, and aquifers such that they represent the limit beyond which further withdrawals would be significantly harmful to the water resources (or ecology) of the area.

**Mitigation:** To make less severe; to alleviate, diminish or lessen; one or all of the following may comprise mitigation: (1) avoiding an impact altogether by not taking a certain action or parts of an action; (2) minimizing impacts by limiting the degree or magnitude of an action and its implementation; (3) rectifying an impact by repairing, rehabilitating, or restoring the affected environment; (4) reducing or eliminating an impact over time by preservation and maintenance operations during the life of an action; and (5) compensating for an impact by replacing or providing substitute resources or environments.

**Mobile Irrigation Lab:** A vehicle furnished with irrigation evaluation equipment, which is used to carry out on-site evaluations of irrigation systems and to provide recommendations on improving irrigation efficiency.

**Model:** A way of looking at reality, usually for the purpose of abstracting and simplifying it to make it understandable in a particular context; this may be a plan to describe how a project will be completed, or a tool to mathematically represent a process which could be based upon empirical or mathematical functions.

**Monitoring:** The capture, analysis, and reporting of project performance, usually as compared to plan.

**NAVD 88: North American Vertical Datum of 1988.** The North American Vertical Datum of 1988 (NAVD88) is the vertical control datum of orthometric height established for vertical control surveying in the United States of America based upon the General Adjustment of the North American Datum of 1988.

**Non-Operating Expenditures:** Expenditures of a type that do not represent direct operating costs to the fund; include transfers out, transfers to Constitutional Officers, and reserves for contingency.

**Non-Operating Revenues:** Financial support for funds that are classified separately from revenues; include transfers in and internal service fund receipts.

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**Object:** An account to which an expense or expenditure is recorded in order to accumulate and categorize the various types of payments that are made by governments. Object codes are defined in the State of Florida Uniform Accounting System.

**Ombudsman:** A government official who hears and investigates complaints by private citizens against other officials or government agencies.

**Operating Budget:** A comprehensive plan, expressed in financial terms, by which an operating program is funded for a single fiscal year. It includes estimates of a.) the services, activities and sub activities comprising the District's operation; b.) the resultant expenditure requirements; and c.) the resources available for the support.

**Operating Capital Outlay:** Payments for automotive equipment, boats, computer hardware, furniture and equipment. Items have a value of at least \$750 and an estimated service life of at least one year.

**Operating Expenses:** All costs for items to be used as part of something else or disposed of within a year of purchase, including parts and supplies, small tools or equipment, and construction and maintenance products; and all costs associated with rental or lease of equipment, buildings, offices, insurance programs, permits and fees paid to other agencies, taxes, and relocation.

**Other Personal Services:** Services rendered by a person who is not a regular or full-time employee filling an established position. These services include, but are not limited to, services of temporary employees, student or graduate assistants, persons on fellowships, part-time academic employees, board members, and consultants, and other services specifically budgeted by an agency.

**Performance Measures:** Specific quantitative measures of work performed, outputs and outcomes.

**Permit Fees:** Application processing fees charged to applicants for permits, including Environmental Resource, Surface Water Management, Water Use, and Well Construction Permits.

**Phosphorus:** An element or nutrient required for energy production in living organisms; distributed into the environment mostly as phosphates by agricultural runoff and life cycles; and frequently the limiting factor for growth of microbes and plants.

**Pollutant Load Reduction Goal:** Establishes the desired levels of nutrient and sediment loads for healthy seagrass growth and distribution.

**Procurement:** The purchasing of something usually for a company, government or other organization.

**Program:** An integrated series of related projects or activities.

**Program Area:** One of six budget-reporting program categories prescribed by statute and contained in the Executive Office of the Governor's standard budget reporting format for Water Management Districts.

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**Program Component:** Key element of a program.

**Project:** A temporary endeavor undertaken to produce a specific product, service or outcome.

**Property Appraiser:** The elected county official responsible for setting property valuations for tax purposes and for preparing the annual tax roll.

**Proposed Millage:** The tax rate certified to a property appraiser by each taxing authority within a county. The proposed millage is to be sent to the County Property Appraiser within thirty-five days after a county's tax roll is certified by the State Department of Revenue and listed on notices sent to property owners. No taxing authority may approve a tax rate that is larger than the one it originally proposed.

**Public Water Supply:** Water that is withdrawn, treated, transmitted, and distributed as potable or reclaimed water.

**Pump Stations:** Man-made structures that use pumps to transfer water from one location to another.

**Real Property:** Land and buildings and/or other structures attached to it that are taxable under state law.

**Regional Water Supply Plan (RWSP):** Detailed water supply plan developed by the District under Section 373.0361, F.S., providing an evaluation of available water supply and projected demands, at the regional scale. The planning process projects future demand for 20 years and recommends projects to meet identified needs.

**Reserves:** The excess of fund assets over liabilities in governmental funds. The unreserved and undesignated balance is available for appropriation in the following year's budget.

**Reservoir:** A man-made or natural water body used for water storage.

**Restricted Funds:** Revenues committed to a project or program, or that are restricted in purpose by law. Examples of restricted funds include state appropriations for stormwater projects and federal capital project funds.

**Restoration:** The recovery of a natural system's vitality and biological and hydrological integrity to the extent that the health and ecological functions are self-sustaining over time.

**Restoration, Coordination, and Verification:** Designed as an interagency, interdisciplinary team for the purpose of organizing and applying the best available scientific and technical information in support of the goals of the Comprehensive Everglades Restoration Plan (CERP).

**Revenue:** Funds that a government receives as income. These receipts may include tax payments, interest earnings, service charges, grants, and intergovernmental payments.

**Rolled-Back Millage Rate:** The rate that would generate prior year tax revenues less allowances for new construction, plus additions to the tax roll minus deletions to the tax roll. The rolled-back rate controls for changes in the market value of property and, if levied, represents "no tax increase" from the prior year.

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**Save Our Everglades Trust Fund (SOETF):** Created by the Florida legislature in 2000 for the purpose of funding the State's share of the Comprehensive Everglades Restoration Plan. The legislation called for the trust fund to receive \$100M annually in state funding through the program's first 10-year period, which was increased to \$200M for the next 10 years.

**Save Our Rivers Program:** The land acquisition program based on section 373.59, F.S., designed to identify, prioritize, and acquire interests in lands necessary for water management, water supply and conservation, and protection of water resources. The program is funded by the Water Management Lands Trust Fund and the prior Preservation 2000 Trust Fund.

**Seepage:** Water that escapes control through levees, canals, or other hold or conveyance systems.

**SheetFlow:** A channel in which water moves sluggishly, or a place of deep muck, mud or mire. Sloughs are wetland habitats that serve as channels for water draining off surrounding uplands and/or wetlands.

**Special Obligation Land Acquisition Bonds:** Securities issued by the District to provide funds for acquisition of environmentally sensitive lands. Principle and interest on these bonds are secured by a lien on documentary-stamp excise taxes collected by the State of Florida.

**Stakeholder:** Any party that has an interest in an organization. Stakeholders of a company include stockholders, bondholders, customers, suppliers, employees, and so forth.

**Statement of Estimated Regulatory Costs:** As defined in Section 120.541, F.S. a statutorily required publication of estimated regulatory costs associated with a proposed rule that allows public comment for consideration by the Governing Board, or state legislature if applicable.

**Statute:** A law enacted by a legislature.

**Stormwater:** Water that does not infiltrate, but accumulates on land as a result of storm or irrigation runoff or drainage from such areas as roads and roofs.

**Stormwater Treatment Area (STA):** A system of constructed water quality treatment wetlands that use natural biological processes to reduce levels of nutrients and pollutants from surface water runoff.

**Submerged Aquatic Vegetation:** Wetland plants that exist completely below the water surface.

**Surface Water:** Water above the soil or substrate surface, whether contained in bounds created naturally or artificially or diffused. Water from natural springs is classified as surface water when it exits from the spring onto the earth's surface.

**Supervisory Control & Data Acquisition System (SCADA):** The SCADA system gathers data from remote locations to control equipment and conditions. The SCADA system includes hardware and software components. The hardware gathers and feeds data into a computer that has SCADA software installed. The computer then processes this data, records, and logs all events, and warns when conditions become hazardous.



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**Surface Water Improvement and Management (SWIM):** A program to restore and protect priority water bodies identified by the Water Management Districts as a result of the Legislature's SWIM Act of 1987.

**SWIM Plan:** A plan prepared pursuant to Chapter 373.453 F.S. - Surface water improvement and management plans and programs.

**Tax Base:** The total property valuations on which each taxing authority levies its tax rates.

**Tax Roll:** The certification of assessed and taxable values prepared by the Property Appraiser and presented to the taxing authority by July 1 (or later if an extension is granted by the State of Florida) each year.

**Tax Year:** The calendar year in which Ad Valorem property taxes are levied to finance the ensuing fiscal year budget.

**Telemetry:** Automatic transmission and measurement of data from remote sources by wire or radio or other means.

**Tentative Budget:** The Governing Board adopts a tentative budget at the first of two required public hearings pursuant to Section 200.065, F.S.

**Tentative Millage:** The Governing Board adopts a tentative millage rate at the first of two required public hearings pursuant to Section 200.065, F.S.

**Total Maximum Daily Load (TMDL):** The maximum allowed level of pollutant loading for a water body, while still protecting its uses and maintaining compliance with water quality standards, as defined in the Clean Water Act.

**Transfer:** Internal movement of budgeted funds within a fund, department, program, object, or project that increases one budget account and decreases another.

**Tributary:** A stream feeding into a larger stream, canal, or water body.

**Truth in Millage (TRIM):** Requirement in Section 200.065, F.S. that establishes a specific timetable and procedure for all taxing authorities, local governments, and Water Management Districts to consider and adopt their annual budgets.

**Water Conservation:** Reducing the demand for water through activities that alter water use practices, e.g., improving efficiency in water use, and reducing losses of water, waste of water and water use.

**Water Conservation Areas:** Part of the original Everglades ecosystem that is now diked and hydrologically controlled for flood control and water supply purposes. These are located in the western portions of Miami-Dade, Broward and Palm Beach Counties, and preserve a total of 1,337 square miles, or about 50% of the original Everglades.

**Water Management District (WMD):** A regional Water Management District created pursuant to section 373.069, F.S.

## VIII. APPENDICES

**Water Management Lands Trust Fund (WMLTF):** The trust fund established by section 373.59, F.S., for Water Management District land acquisition, management, maintenance, capital improvements, payments in lieu of taxes, and administration in accordance with the provisions of Chapter 373, F.S.

**Water Preserve Areas:** Multipurpose water-holding areas located along the western border of southeast Florida's urbanized corridor.

**Water Protection and Sustainability Trust Fund (WPSTF):** The trust fund established by Section 373.196, F.S., for alternative water supply development assistance and surface water improvement and management. This fund was created in 2005 under the Growth Management Initiative (Senate Bill 444).

**Water Reservations:** State law on water reservations, in Section 373.223(4), F.S., defines water reservations as follows: the Governing Board or the department, by regulation, may reserve from use by permit applicants, water in such locations and quantities, and for such reasons of the year, as in its judgment may be required for the protection of fish and wildlife or the public health and safety. Such reservations shall be subject to periodic review and revision in the light of changed conditions.

**Water Supply Development:** The planning, design, construction, operation, and maintenance of public or private facilities for water collection, production, treatment, transmission, or distribution for sale, resale, or end use (section 373.019(21), F.S.).

**Watershed:** A region or area bounded peripherally by a water parting and draining ultimately to a particular watercourse or body of water.

**Weir:** A barrier placed in a stream to control the flow and cause it to fall over a crest. Weirs with known hydraulic characteristics are used to measure flow in open channels.

**Wetland:** An area that is inundated or saturated by surface water or groundwater with vegetation adapted for life under those soil conditions (e.g., swamps, bogs and marshes).

## VIII. APPENDICES

### B. Acronyms

AOR	Area of Responsibility
ASR	Aquifer Storage & Recovery
AWS	Alternative Water Supply
BCB	Big Cypress Basin
BMPs	Best Management Practices
BMAP	Basin Management Action Plan
CAFR	Comprehensive Annual Financial Report
C&SF	Central & Southern Florida Project for Flood Control & Other Purposes; also <i>interchangeable</i> with Central & Southern Florida flood control system.
CERP	Comprehensive Everglades Restoration Plan
CFP	Cooperative Funding Program
CFWI	Central Florida Water Initiative
CIP	Capital Improvement Plan
CIFER	Critical Infrastructure Field Equipment Replacement
COPs	Certificates of Participation
CREW	Corkscrew Regional Ecosystem Watershed
CUP	Consumptive Use Permit
CUPcon	FDEP lead, statewide effort to improve consistency in the WMD CUP Programs
DACS	Department of Agriculture and Consumer Services
DEP	<i>interchangeable with FDEP</i>
DRI	Development of Regional Impacts
DROP	Deferred Retirement Option Program
DWM	Dispersed Water Management
EAA	Everglades Agricultural Area
ECP	Everglades Construction Project
EFA	Everglades Forever Act
EOG	Executive Office of the Governor
EPA	Everglades Protection Area
EPA	<i>interchangeable with USEPA</i>
ERP	Environmental Resource Permit
ERTP	Everglades Restoration Transition Plan
F.A.C.	Florida Administrative Code
FAS	Floridan aquifer system
FAWN	Florida Automated Weather Network
FCD	Central & Southern Florida Flood Control District
FDACS	Florida Department of Agriculture & Consumer Services
FDEO	Florida Department of Economic Opportunity
FDEP	Florida Department of Environmental Protection
FDOT	Florida Department of Transportation
FEB	Flow Equalization Basin
F.S.	Florida Statute
FTE	Full-Time Equivalent
FWC	Florida Fish and Wildlife Conservation Commission
FY	Fiscal Year
GIS	Geographic Information Systems
IRL	Indian River Lagoon
IT	Information Technology
LATF	Land Acquisition Trust Fund
LFA	Lower Floridan Aquifer

## VIII. APPENDICES

LILA	Loxahatchee Impoundment Landscape Assessment
LIP	Land In Progress
LOSA	Lake Okeechobee Service Area
MFLs	Minimum Flows & Levels
NEEPP	Northern Everglades & Estuaries Protection Program
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
O&M	Operation & Maintenance
OMC	Operations, Maintenance and Construction
OPS	Other Personal Services
PILT	Payment in Lieu of Taxes
PPCA	Pre-Partnership Credit Agreement
PWS	Public Water Supply
RAA	Restricted Allocation Area
RECOVER	Restoration Coordination & Verification
RWSP	Regional Water Supply Plan
SAV	Submerged Aquatic Vegetation
SCADA	Supervisory Control & Data Acquisition
SERC	Statement of Estimated Regulatory Costs Evaluation
SFER	South Florida Environmental Report
SFWMD	South Florida Water Management District
SJRWMD	St. Johns River Water Management District
SOETF	Save Our Everglades Trust Fund
STA	Stormwater Treatment Area
SWERP	Statewide ERP Rule
SWFWMD	Southwest Florida Water Management District
SWIM	Surface Water Improvement & Management
TMDL	Total Maximum Daily Load
TP	Total Phosphorus
TRIM	Truth in Millage
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USEPA	United States Environmental Protection Agency
USFWS	United States Fish & Wildlife Service
USGS	United States Geological Survey
VAB	Value Adjustment Board
WaterSIP	Water Savings Incentive Program
WCA	Water Conservation Area
WMD(s)	Water Management District(s)
WPA	Water Preserve Area
WQBEL	Water Quality Based Effluent Limit
WRA	Water Resources Act
WRDA	Water Resources Development Act

## **VIII. APPENDICES**

### **C. Project Worksheets**

The projects listed in Appendix C to implement water resource development projects, as prioritized in its regional water supply plans, are included in the District's tentative budget for a total of \$69,480,505 for Fiscal Year 2016-17.

Appendix C - Fiscal Year 2016-2017 Tentative Budget																								
South Florida Water Management District Appendix C Fiscal Year 2016-17 Tentative Budget - August 1, 2016																								
PROJECT INFORMATION												PROJECTED BUDGET REQUEST						AREA OF RESPONSIBILITY						
State Program	Activity-Subactivity	Title	Water Body	Project Description	Planning Document	Intended Quantified Water Quality Benefits	Achieved Quantified Water Quality Benefits	Intended Quantified Water Supply Benefits	Achieved Quantified Water Supply Benefits	Begin Date	End Date	Budget Request for FY2016-17	FY2017-18	FY2018-19	FY2019-20	FY2020-21	FY2021-22	Water Supply	Water Quality	Flood Protect	Natural Systems	Mgmt. Svcs		
1.0 Water Resources, Planning and Monitoring																								
1	1.1.1	Water Supply Plan Development	Lake Okeechobee, Caloosahatchee River, St. Lucie River, Indian River Lagoon, Loxahatchee River, Kissimmee River, Lake Istokpoga and water aquifers	Regional Water Supply Planning is a collaborative effort between water management districts, local government agencies and stakeholders to address current and long-term water supply needs in a sixteen county area of Florida. The water supply plans update population and water demands every five years for six water use categories: public water supply and self-supply for agriculture, power generation, recreation and landscape, industrial, commercial and institutional and domestic self-supply. Criteria for Minimum Flow and Level (MFLs) and water reservations is updated in the water supply plan updates. Conservation and reclaimed water along with aquifer modeling is addressed in all the water supply plans that includes well drilling and testing, and monitoring.	2017 Five-Year Water Resources Development (WRD) Work Program (WP). Regional water supply plan documents for the five planning areas,	N/A	N/A	Updated population and water demands for six water use categories: public water supply, domestic self-supply, agriculture, recreation and landscape, power generation, industrial, commercial and institutional. Water supply needs for natural systems limit water available for allocation and are addressed through a variety of regulatory mechanisms and water resource development projects.	TBD	10/1/2016	9/30/2021	\$ 1,344,012	\$ 1,344,012	\$ 1,344,012	\$ 1,344,012	\$ 1,344,012	\$ -	75%	0%	0%	25%	0%		
1	1.1.1	CFWI RWSP 2020 Update (FY16-20)	Floridan Aquifer/Central Florida Region	The CFWI is a collaborative effort between three water management districts with local government agencies and stakeholders to address current and long-term water supply needs in a five-county area of Central Florida. The project focuses on data acquisition supporting identification of sustainable quantities of groundwater and the identification/development of alternative water supplies for a fast growing population. The project requires investigatory drilling, hydrogeologic testing, water-quality sampling and analysis, instrumentation and monitoring; documentation and inter-District and local government coordination. The investigation will produce permanent upper and lower Floridan monitor wells and several wetland monitoring locations supporting aquifer sustainability determinations and Minimum Flow and Level (MFL) development. These facilities constitute the largest capital portion of the project. Project benefits include: (1) Quantify hydrogeologic limitations of the Upper Floridan Aquifer (UFA) and the Lower Floridan Aquifer (LFA) as a source of water supply within the Central Florida Water Initiatives (CFWI). (2) Coordinate with St. Johns River Water Management District and Southwest Florida Water Management District to develop a unified interpretation of the hydrogeologic framework of the Lower Floridan Aquifer. (3) Provide data regarding inter-aquifer leakage, aquifer parameters, and time-series of water levels in key areas to improve model calibration and predictions in the CFWI. Incorporating additional hydrologic and geohydrologic data, and more recent land use information will improve model accuracy. (4) Provide data to support evaluations of areas where there is a high probability of existing stressed wetland systems caused by groundwater withdrawals and those areas deemed to be at risk from stress caused by future groundwater withdrawals.	2017 Five-Year Water Resources Development (WRD) Work Program (WP). CFWI Documents: DMIT Hydrogeologic Work Plan for FY2015-FY2020; Regional Monitoring Program; CFWI Regional Water Supply Plan, including the 2035 Water Resources Protection and Water Supply Strategies document and associated appendices (Final November 2015); and Five-Year Capital Improvement Plan.	Prevent the migration of saltwater intrusion into drinking water supplies of Central Florida	N/A	Development, productivity, and sustainability of the LFA, UFA, and the impacts to water resources and related natural systems.	TBD	10/1/2016	9/30/2021	\$ 3,766,137	\$ 695,000	\$ 695,000	\$ 695,000	\$ 695,000	\$ -	75%	0%	0%	25%	0%		
1	1.1.1	Five-Year Water Resources Development (WRD) Work Program(WP) Ground Water Monitoring	Water Aquifers/FPL Turkey Point Power Plant Cooling Canal System	Water level and water quality monitoring and testing at existing wells to provide critical information to aid the District in developing groundwater models, accessing groundwater conditions and managing these resources. The District maintains extensive groundwater monitoring networks and partners with the unites Sates Geological Survey (USGS) to provide additional support and funding for ongoing monitoring. University and consultant experts in isotope water quality and water budgets have been retained to evaluate the annual water quality report at FPL Turkey Point Power Plant Cooling System	2017 Five-Year Water Resources Development (WRD) Work Program (WP). District Technical publications and hydro-meteorologic database, DBHYDRO. Data from sites monitored by the USGS are archived in the USGS database and published annually. Consultant provided annual report.	N/A	N/A	Protect Miami-Dade water supply in the Biscayne Aquifer.	TBD	10/1/2016	9/30/2021	\$ 1,553,649	\$ 1,534,000	\$ 1,534,000	\$ 1,534,000	\$ 1,534,000	\$ -	75%	0%	0%	25%	0%		
1	1.1.1	Groundwater Modeling	Water Aquifers	Water level and water quality monitoring and testing at existing wells to provide critical information to aid the District in developing groundwater models, accessing groundwater conditions and managing these resources. The District maintains extensive groundwater monitoring networks and partners with the unites Sates Geological Survey (USGS) to provide additional support and funding for ongoing monitoring. Elevate groundwater modeling for regional water supply plan updates.	2017 Five-Year Water Resources Development (WRD) Work Program (WP). District Technical publications and hydro-meteorologic database, DBHYDRO. Data from sites monitored by the USGS are archived in the USGS database and published annually.	N/A	N/A	These activities are not designed to make water directly available.	N/A	10/1/2016	9/30/2021	\$ 562,449	\$ 562,000	\$ 562,000	\$ 562,000	\$ 562,000	\$ -	100%	0%	0%	0%	0%		
1.1.1 Water Supply Planning Total												\$ 7,226,247	\$ 4,135,012	\$ 4,135,012	\$ 4,135,012	\$ 4,135,012	\$ -	81%	0%	0%	19%	0%		
1	1.1.2	MFL, Water Reservation Activities, and Restricted Allocation Areas	Kissimmee River, Caloosahatchee River	Continuation of Kissimmee Statement of Estimated Regulatory Costs (SERC) Evaluation. Caloosahatchee Peer Review and Caloosahatchee SERC Evaluation	2017 Five-Year Water Resources Development (WRD) Work Program (WP). Kissimmee SERC Evaluation Report. Caloosahatchee SERC Evaluation report and Caloosahatchee Peer Results Report	N/A	N/A	Water reservations set aside a volume of water for the protection of fish and wildlife or public health and safety. MFLs define the point at which additional withdrawals will result in significant harm to the water resources or ecology of the area	TBD	10/1/2016	9/30/2021	\$ 501,800	\$ 502,000	\$ 502,000	\$ 502,000	\$ 502,000	\$ -	25%	0%	0%	75%	0%		
1.1.2 Minimum Flows and Levels Total												\$ 501,800	\$ 502,000	\$ 502,000	\$ 502,000	\$ 502,000	\$ -	25%	0%	0%	75%	0%		
1	1.1.3	FY16 Stormwater CFP	N/A	The project provides pass-through funding to multiple local partners on an annual basis per direction from the Governing Board. Project scopes will mainly include construction of capital stormwater projects. The CFP aims to formalize this effort, improve regional and local cooperation in matters associated with flood protection, water quality improvement, natural system restoration, alternative water supply, and/or water conservation as well as leverage tax payer dollars to meet current and future priorities of the District.	N/A	N/A	N/A	N/A	N/A	3/31/2016	9/30/2018	\$ 4,109,935	\$ -	\$ -	\$ -	\$ -	\$ -	10%	70%	10%	10%	0%		
1	1.1.3	BOMA Improvements	N/A	To fix impacts to the Boma property including replacement of fences, movement of an access road, and shifting an above ground impoundment levee for security, maintenance and access needs. Project Benefit: Improvements to the Boma property.	N/A	N/A	N/A	N/A	N/A	10/1/2016	9/30/2017	\$ 316,300	\$ -	\$ -	\$ -	\$ -	\$ -	0%	50%	0%	50%	0%		
1.1.3 Other Water Resources Planning Total												\$ 4,426,235	\$ -	\$ -	\$ -	\$ -	\$ -	5%	60%	5%	30%	0%		
1	1.3.1	Comprehensive Plan and Documents Review/Technical Assistance to Local Governments	Lake Okeechobee, Caloosahatchee River, St. Lucie River, Indian River Lagoon, Loxahatchee River, Kissimmee River, Lake Istokpoga and water aquifers	District Planning staff review comprehensive plans of local governments for compliance with the District regional water supply plan updates. District Planning staff provide assistance to local governments as they are preparing their five year water facility work plans and comprehensive plans for compliance with regional water supply plans.	2017 Five-Year Water Resources Development (WRD) Work Program (WP).	N/A	N/A	To assure compliance with regional water supply plan updates	TBD	10/1/2016	9/30/2021	\$ 205,800	\$ 206,000	\$ 206,000	\$ 206,000	\$ 206,000	\$ -	75%	0%	0%	25%	0%		

Appendix C - Fiscal Year 2016-2017 Tentative Budget																						
South Florida Water Management District Appendix C Fiscal Year 2016-17 Tentative Budget - August 1, 2016																						
PROJECT INFORMATION												PROJECTED BUDGET REQUEST						AREA OF RESPONSIBILITY				
State Program	Activity-Subactivity	Title	Water Body	Project Description	Planning Document	Intended Quantified Water Quality Benefits	Achieved Quantified Water Quality Benefits	Intended Quantified Water Supply Benefits	Achieved Quantified Water Supply Benefits	Begin Date	End Date	Budget Request for FY2016-17	FY2017-18	FY2018-19	FY2019-20	FY2020-21	FY2021-22	Water Supply	Water Quality	Flood Protect	Natural Systems	Mgmt. Svcs
		1.3.1 Technical Assistance Total										\$ 205,800	\$ 206,000	\$ 206,000	\$ 206,000	\$ 206,000	\$ -	75%	0%	0%	25%	0%
PROGRAM SUBTOTAL												\$ 12,360,082	\$ 4,843,012	\$ 4,843,012	\$ 4,843,012	\$ 4,843,012	\$ -	PROGRAM SUBTOTAL				
2.0 Acquisition, Restoration and Public Works																						
2	2.2.1	Water Supply Implementation	Lake Okeechobee, Caloosahatchee River, St. Lucie River, Indian River Lagoon, Loxahatchee River, Kissimmee River, Lake Istokpoga and water aquifers	District water supply planning managers coordinate with local governments for compliance with regional water supply plan updates and to gather new data for future updates	2017 Five-Year Water Resources Development (WRD) Work Program (WP).	N/A	N/A	N/A	N/A	10/1/2016	9/30/2021	\$ 252,220	\$ 252,000	\$ 252,000	\$ 252,000	\$ 252,000	\$ -	100%	0%	0%	0%	0%
2.2.1 Water Resource Development Projects Total												\$ 252,220	\$ 252,000	\$ 252,000	\$ 252,000	\$ 252,000	\$ -	100%	0%	0%	0%	0%
2	2.2.2	Cooperative Funding Program	Water Aquifers	District staff technical assistance and review of water supply development projects for AWS and Cooperative Funding Program. Cooperative Funding Program for 2017 of \$5 Million and FTEs and operation expenses. The District will fund AWS and conservation water supply development projects contingent upon September G.B. approval of projects.	2017 Five-Year Water Resources Development (WRD) Work Program (WP).	N/A	N/A	N/A	N/A	10/1/2016	9/30/2021	\$ 5,083,988	\$ -	\$ -	\$ -	\$ -	\$ -	100%	0%	0%	0%	0%
2	2.2.2	BCB Alternative Water Supply	Water Aquifers	BCB AWS projects/interagency	2017 Five-Year Water Resources Development (WRD) Work Program (WP).	N/A	N/A	N/A	N/A	10/1/2016	9/30/2021	\$ 738,600	\$ -	\$ -	\$ -	\$ -	\$ -	100%	0%	0%	0%	0%
2.2.2 Water Supply Development Assistance Total												\$ 5,822,588	\$ -	\$ -	\$ -	\$ -	\$ -	100%	0%	0%	0%	0%
2	2.3.1	DWM Dispersed Water Management Program Existing Operations	Lake Okeechobee, Caloosahatchee River and Estuary, and St. Lucie River and Estuary	Implementation of Dispersed Water Management (DWM) Projected for Northern Everglades and Estuaries Protection Program. DWM projects include Istokpoga Marsh Watershed impoundment, Florida Ranchlands Environmental Services, Nicodemus Slough water storage, Northern Everglades Payment for Environmental Services, Water Farming, Temporary Storage, and Public Lands. The parent project includes program management, water quantity and quality monitoring, general operations and maintenance, replacement and new capital equipment, and evaluation of future DWM efforts.	Northern Everglades and Estuaries Protection Program - <a href="http://www.sfwm.d.gov/portal/page/portal/xweb%20protecting%20and%20restoring/other%20everglades#dwmp">http://www.sfwm.d.gov/portal/page/portal/xweb%20protecting%20and%20restoring/other%20everglades#dwmp</a>  2016 South Florida Environmental Report, vol. 1 - Chapter 1, Appendix 1-6: Northern Everglades and Estuaries Protection Program Annual Report	N/A	Water storage projects do provide incidental water quality benefits. Specific water quality benefits are quantified separately by project.	N/A	Incidental groundwater recharge	10/1/2005	9/30/2025	\$ 5,628,159	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	0%	99%	1%	0%	0%
2	2.3.1	Dispersed Water Managagement New Capital Improvements (formerly 100841)	Lake Okeechobee, Caloosahatchee River and Estuary, and St. Lucie River and Estuary	Implementation of NEEPP Public-Private Partnerships. Through Senate Bill 552, the 2016 Legislature amended Section 373.4591, Florida Statutes - Improvements on private agricultural lands. The amendment encourages these partnerships to accomplish water storage, groundwater recharge, and water quality improvements on private agricultural lands. Priority consideration shall be given to public private partnerships that: (a) Store or treat water on private lands for purposes of enhancing hydrologic improvement, improving water quality, or assisting in water supply; (b) provide critical groundwater recharge; or (c) Provide for changes in land use to activities that minimize nutrient loads and maximize water conservation. The amendment also requires the establishment of baseline conditions before construction of projects that may create or impact wetlands or other surface waters. The FDEP, FDACS, and the District are collaborating to identify and prioritize projects. Funding coming from the 2016 Session FDEP Dispersed Water Management (New Capital Improvements). The Legislature appropriated these funds to FDEP. It is anticipated that these funds will be transferred to SFWMD as contractual details are resolved, subject to the District's Governing Board review.	Senate Bill 552 - Environmental Resources, Florida Laws Chapter 2016-1 ( <a href="http://laws.flrules.org/2016/1">http://laws.flrules.org/2016/1</a> ) 2016 Florida Statute 373.4591 ( <a href="https://www.flsenate.gov/Laws/Statutes/2016/373.4591">https://www.flsenate.gov/Laws/Statutes/2016/373.4591</a> ) Northern Everglades and Estuaries Protection Program - <a href="http://www.sfwm.d.gov/portal/page/portal/xweb%20protecting%20and%20restoring/other%20everglades#dwmp">http://www.sfwm.d.gov/portal/page/portal/xweb%20protecting%20and%20restoring/other%20everglades#dwmp</a> , 2016 South Florida Environmental Report, vol. 1 - Chapter 1, Appendix 1-6: Northern Everglades and Estuaries Protection Program Annual Report	Water quality benefits were not quantified.	The project provides nutrient retention in the Northern Everglades to assist with meeting the water quality improvement goals of the St. Lucie River Estuary Protection Plan.	Incidental groundwater recharge	10/1/2016	10/1/2026	\$ 47,838,034	\$ 34,300,000	\$ 34,300,000	\$ 34,300,000	\$ 34,300,000	\$ 34,300,000	\$ 34,300,000	0%	99%	1%	0%	0%
2	2.3.1	DWM PUB Allapattah Parcels A&B (formerly 100841)	St. Lucie River Estuary	This project initiated under project 100841. It includes an agreement with the USDA-Natural Resource Conservation Service (NRCS) for the Allapattah Conservation and Recreation Area (12,725 acres) to implement a USDA NRCS Wetland Reserve Project under DWM. The project is to restore the overall drainage patterns to natural conditions by plugging ditches and installing drainage control structures. Project Benefit: Storage of excess flows, decreasing discharges to the St. Lucie River and Estuary, improved hydrology, water conservation.	Northern Everglades and Estuaries Protection Program - <a href="http://www.sfwm.d.gov/portal/page/portal/xweb%20protecting%20and%20restoring/other%20everglades#dwmp">http://www.sfwm.d.gov/portal/page/portal/xweb%20protecting%20and%20restoring/other%20everglades#dwmp</a> , 2016 South Florida Environmental Report, vol. 1 - Chapter 1, Appendix 1-6: Northern Everglades and Estuaries Protection Program Annual Report	Water quality benefits were not quantified.	The project provides nutrient retention in the Northern Everglades to assist with meeting the water quality improvement goals of the St. Lucie River Estuary Protection Plan.	N/A	Incidental groundwater recharge	9/13/2012	9/30/2018	\$ 2,646,117	\$ -	\$ -	\$ -	\$ -	\$ -	0%	99%	1%	0%	0%
2.3.1 Dispersed Water Management Total												\$ 56,112,310	\$ 39,300,000	\$ 39,300,000	\$ 39,300,000	\$ 39,300,000	\$ 39,300,000	0%	99%	1%	0%	0%

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PROJECT INFORMATION												PROJECTED BUDGET REQUEST						AREA OF RESPONSIBILITY						
State Program	Activity-Subactivity	Title	Water Body	Project Description	Planning Document	Intended Quantified Water Quality Benefits	Achieved Quantified Water Quality Benefits	Intended Quantified Water Supply Benefits	Achieved Quantified Water Supply Benefits	Begin Date	End Date	Budget Request for FY2016-17	FY2017-18	FY2018-19	FY2019-20	FY2020-21	FY2021-22	Water Supply	Water Quality	Flood Protect	Natural Systems	Mgmt. Svcs		
2	2.3.1	Rolling Meadows Wetland Restoration	Lake Hatchineha	Acquired in 2002 as part of the Kissimmee River Restoration’s Upper Chain of Lakes Headwaters Revitalization Project, the lands were leased back to the previous owner for continued sod farming until the end of 2008. The restoration of former lake floodplain wetlands along Lake Hatchineha will be achieved by degrading a portion of the exterior berm that allowed the agricultural owners to drain the land and grow various crops including sod, and reconnecting the land to Lake Hatchineha in conjunction with the increased lake regulation schedule. This land will provide additional surface water storage making it available for release to the Kissimmee River to provide a year round flow when the river is restored. This area is being restored to a wetland mosaic as mitigation for wetland impacts. A portion of the property has been leased to the Allen David Broussard Catfish Creek Preserve State Park. Project Benefit: The Rolling Meadows Wetland Restoration Project objective is to restore historic wetlands on state lands that had been converted to agricultural uses.	2013 Kissimmee Chain of Lakes Land Use; 2016 SFER, Appendix 1-6, Northern Everglades and Estuaries Protection Program Annual Report; Lake Okeechobee Watershed Construction Project, Phase II technical plan, p. 9-20. Florida Forever Work Plan - Section 373.199, F.S.	N/A	N/A	N/A	N/A	12/5/2008	9/30/2020	\$ 248,295	\$ -	\$ -	\$ -	\$ -	\$ -	0%	50%	0%	50%	0%		
2	2.3.1	Kissimmee River ASR	Kissimmee River(C-38 Canal)	The ASR Facility was constructed as part of the CERP ASR Pilot Project and in 2013, the system was transferred from the USACE to the SFWMD. The ASR system consists of an ASR well with piped connections to the Kissimmee River via an intake/screen structure, injection pump, a pressure media filter, and ultraviolet (UV) disinfection system. The system is designed for recharge and recovery pumping rates of 3,500 gallons per minute (5 mgd). The ASR well has 24-inch diameter casing cemented within the upper Floridan Aquifer at 562 feet below land surface (fbls) and open borehole completed to a depth of 870 fbls. Recovery is accomplished via a vertical turbine pump mounted on the ASR wellhead, which routes water back to a cascade discharge structure on the Kissimmee River. This project is to inspect the existing facility, which has not been operated for a couple of years, and repair as needed to get the ASF facility back to operating condition. Then, further operating cycles 5 through 7. Permitting and associated monitoring are included as well as a study on the phosphorus reduction potential of this ASR.	Five-year Capital Improvements Plan - Sections 216.043 and 373.536, F.S. and 2016 SFER	TBD	TBD	TBD	TBD	6/1/2016	9/30/2018	\$ 300,000	\$ 350,000	\$ 95,000	\$ -	\$ -	\$ -	20%	20%	0%	60%	0%		
2	2.3.1	KR Restoration Evaluation Program	Kissimmee River and Floodplain; Lake Kissimmee, Lake Cypress and Lake Hatchineha	This project is mandated per the 1994 Project Cooperative Agreement with USACE and contains the studies that will evaluate the success of the Kissimmee River Restoration Project relative to achievement of the ecological integrity goal. Activities are organized relative to the major ecosystem components identified in the Kissimmee River, Florida Project Integrated Feasibility Report and Environmental Impact Statement (1991) and the Headwater Revitalization Report (1996). Activities in this project are associated with pre- and post-construction monitoring required under the Project Cooperation Agreement between the USACE and the SFWMD for the Kissimmee River Restoration Project (KRRP). Project Benefit: Pre- and post-construction monitoring associated with the Kissimmee River Restoration Evaluation Program (KRREP) is designed to evaluate whether the project purposes for the river / floodplain (ecological integrity) and the headwater lakes (increase habitat quantity and improve habitat quality) are being achieved. Evaluation for these project purposes requires an array of integrated / multidisciplinary data collection, evaluation, and other activities. In addition, information/results from these activities are combined and used by SFWMD and USACE to assess whether ecological responses are on the right trajectory or require adaptive management to address undesirable responses.	C&SF Final Integrated Feasibility Report and Environmental Impact Statement - Environmental Restoration of Kissimmee River, Florida 1991; 2016 South Florida Environmental Report, vol. 1; Chapter 9: Kissimmee River Restoration and Basin Initiatives p. 9-22	Reestablishment of floodplain marshes in restored sections of the Kissimmee River following implementation of the Headwaters Regulation Schedule in 2019 are expected to improve water quality primarily through sequestration of nutrients (namely phosphorus) in floodplain vegetation biomass. Approximately 17.75 mt/year is the estimated reduction in phosphorus attributed to Kissimmee River Restoration, which will be achieved following implementation of the Headwaters Regulation Schedule in 2019. Dissolved oxygen levels in the river channel are expected to increase in the wet season from from 1 mg/L to 4 mg/L or greater and from 3 mg/L to 6 mg/L in the dry season.	Decreases in phosphorus will be evaluated following implementation of the Headwaters Regulation Schedule in 2019. Increases in dissolved oxygen levels have occurred in the Phase I restoration area since the reintroduction of flow in 2001. The dry season target of 6 mg/L has been achieved in most years, while the wet season average of 3 mg/L remains just under the 4 mg/L target value.	This project will provide an additional approximate 130,000 acre/feet of storage to the greater Kissimmee Basin. However, the nature of this storage is dynamic, as this volume is intended to deliver seasonal inflows to the Kissimmee River from the lakes mentioned above to provide flow and floodplain inundation regimes similar to pre-channelized conditions. Currently, very few water supply consumptive use permits are issued from these water bodies. Concurrently, the District is in the process of establishing Water Reservations for the Kissimmee River and the Kissimmee Chain of lakes that will safeguard water from consumptive use for the protection of fish and wildlife. Water volumes is excess of reservation volumes will be available for water supply consumptive use.	The focus of Kissimmee River Restoration is not based on increasing water supply benefits to the region.	10/1/2010	9/30/2021	\$ 844,903	\$ 948,837	\$ 1,332,863	\$ 1,006,900	\$ 3,997	\$ -	0%	20%	40%	40%	0%		
2.3.1 Kissimmee River Restoration Total												\$ 1,393,198	\$ 1,298,837	\$ 1,427,863	\$ 1,006,900	\$ 3,997	\$ -	7%	30%	13%	50%	0%		
2	2.3.1	BBCW Land Acquisition	Biscayne Bay	A portion of the remaining Biscayne Bay Coastal Wetlands lands that are required for the construction and operation of project features to improve the timing and distribution of water flow to Biscayne Bay and Biscayne National Park. This is a joint project between the U.S. Army Corps of Engineers and the SFWMD being implemented under the Comprehensive Everglades Restoration Plan (CERP). As local sponsor, SFWMD acquires the necessary lands. Funds will be used to acquire 397 acres needed to implement for the L-31 East portion of the project. Project Benefit: Project features to improve the timing and distribution of water flow to Biscayne Bay and Biscayne National Park.	CERP	N/A	N/A	N/A	N/A	10/1/2016	9/30/2018	\$ 5,800,000	\$ 3,200,000	\$ -	\$ -	\$ -	\$ -	20%	20%	0%	60%	0%		
2	2.3.1	Indian River Lagoon C-23/C-24 Land Acquisition	C-23 Canal and C-24 Canal	The C-23/C-24 Acquisition will help store water on land to reduce damage from high discharges to the estuary. Project Benefit: The C-23/C-24 Acquisition will help store water on land to reduce damage from high discharges to the estuary. Fencing on district leased property.	CERP	N/A	N/A	N/A	N/A	10/1/2016	9/30/2018	\$ 2,756,468	\$ 4,000,000	\$ -	\$ -	\$ -	\$ -	20%	20%	0%	60%	0%		
2.3.1 Land Total												\$ 8,556,468	\$ 7,200,000	\$ -	\$ -	\$ -	\$ -	20%	20%	0%	60%	0%		
2	2.3.1	Lakeside Ranch STA Phase II	Lake Okeechobee	Phase II will complete a 788 Acre STA (South) and the New Pump Station S-191A. Component of Lake Okeechobee Watershed Construction Project Phase II Technical Plan, Component of Comprehensive Everglades Restoration Plan (CERP) Lake Okeechobee Watershed Project, included in Lake Okeechobee Basin Management Action Plan (BMAP). Project Benefit: Remove phosphorus from runoff coming from nutrient “hot spots” in Lake Okeechobee watershed. Remove approximate 19 metric tons phosphorus annually (Phase I & II). Recirculate water from the Lake for additional phosphorus removal (S-191A PS). Protect wildlife and cultural resources, provide recreational and public outreach features. Currently, the Phase II STA is under construction	Featured in the Lake Okeechobee Watershed Construction Project Phase II Technical Plan. Northern Everglades and Estuaries Protection Program - Section 373.4595, F.S. Lake Okeechobee BMAP adopted December 2014; project included in the BMAP. Five -Year Capital Improvements Plan and 2106 SFER.	19 metric tons of P per year	Project is not completed	N/A	N/A	8/31/2000	9/30/2018	\$ 17,580,361	\$ 22,000,000	\$ 9,000,000	\$ -	\$ -	\$ -	0%	75%	10%	15%	0%		
2	2.3.1	Lake Hicpochee Hydrologic Enhancement	C-43 Canal	The project will capture surface waters from the C-19 Canal, which discharges directly into the Caloosahatchee River (C-43); hold the water in a shallow storage feature north of the lake; and distribute the stored water via a spreader canal onto the northwest area of Lake Hicpochee. Land has been acquired, and project design is anticipated to be completed in 2015 and construction to start in FY16. Additional land is to be purchased in FY17 for the next phase of the project. *A pivotal link in the restoration of the Caloosahatchee River Watershed in accordance with the Northern Everglades and Estuaries Protection Program by providing improved water quality and fresh water flows to the river. Funds will be used to exercise a land acquisition purchase option for 2,488 acres. Previous land purchases total 715 acres. Project Benefit: The objective of the Lake Hicpochee Hydrologic Enhancement Project is to provide shallow water storage north of Lake Hicpochee with incidental habitat restoration and water quality treatment benefits to the northwest quadrant of Lake Hicpochee.	2009 Caloosahatchee River Watershed Protection Plan, pgs. 6.4-6, 6.4-8, 9-3, and 9-17; NEEP Five-Year Capital Improvements Plan and 2016 SFER.	Outflow P and N less than inflow of P and N	Project is not completed	N/A	N/A	1/18/2012	1/30/2018	\$ 12,275,460	\$ -	\$ -	\$ -	\$ -	\$ -	0%	50%	0%	50%	0%		
2	2.3.1	Lake Hicpochee Hydrologic Enhancement - Phase 2 Land Acquisition	C-43 Canal	Funding is for Phase 2 of Lake Hicpochee Project. A pivotal link in the restoration of the Caloosahatchee River Watershed in accordance with the Northern Everglades and Estuaries Protection Program by providing improved water quality and fresh water flows to the river. Funds will be used to exercise a land acquisition purchase option for 2,488 acres. Previous land purchases total 715 acres.	2009 Caloosahatchee River Watershed Protection Plan, pgs. 6.4-6, 6.4-8, 9-3, and 9-17; NEEP Five-Year Capital Improvements Plan and 2016 SFER.	TBD	TBD	N/A	N/A	10/1/2016	9/30/2018	\$ 16,900,000	\$ -	\$ -	\$ -	\$ -	\$ -	0%	50%	0%	50%	0%		
2.3.1 Northern Everglades & Estuaries Projects Total												\$ 46,755,821	\$ 22,000,000	\$ 9,000,000	\$ -	\$ -	\$ -	0%	58%	3%	38%	0%		



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State Program	Activity-Subactivity	Title	Water Body	Project Description	Planning Document	Intended Quantified Water Quality Benefits	Achieved Quantified Water Quality Benefits	Intended Quantified Water Supply Benefits	Achieved Quantified Water Supply Benefits	Begin Date	End Date	Budget Request for FY2016-17	FY2017-18	FY2018-19	FY2019-20	FY2020-21	FY2021-22	Water Supply	Water Quality	Flood Protect	Natural Systems	Mgmt. Svcs		
2	2.3.1	C-43 Bioassays and Mesocosms (Grant 319)	Caloosahatchee River Estuary	Part of the C-43 Water Quality Treatment and Testing Facility Project (BOMA) that will demonstrate cost-effective, wetland-based strategies for reducing total nitrogen loads and other constituents from the C-43 to help meet the Total Maximum Daily Load (TMDL) established for the Caloosahatchee River and Estuary. Project land was acquired with funds from Lee County, SFWMD and the State. As a multi-phase project, bioassays are being performed to determine the fraction of biologically available dissolved organic nitrogen in the Caloosahatchee River, which will inform the mesocosm design. Mesocosms will be employed to assess potential surface water nitrogen removal rates using different plant communities and hydrologic loading rates. The design of the mesocosm was completed in 2015, and the construction is planned to commence in Fiscal Year 2015-16. Project Benefit: Demonstrate and implement cost-effective, wetland-based strategies for reducing pollutant loadings, particularly nitrogen, to the Caloosahatchee River and its downstream estuarine ecosystems to help achieve FDEP's TMDL for the Caloosahatchee River and Estuary. The overall project goals are to design, build, and operate a test facility that (1) will effectively remove and/or reduce the total nitrogen load to the Caloosahatchee River and Estuary, (2) is based on a review of available information and sound science, and (3) is implementable and cost-effective on larger scales and/or applicable to other South Florida estuarine systems. In Florida, constructed treatment wetlands with inflow chemistry similar to the Caloosahatchee River typically achieve concentration reduction rates of ±14% for total nitrogen (TN), ±37% for total phosphorus (TP), and ±26% for total suspended solids (TSS). However, such treatment facilities were designed to primarily remove TP and therefore have not been optimized for the removal of TN. This project's goal is to exceed the already observed TN removal rates and identify the maximum TN reduction rate using wetland-based technologies while maintaining and/or exceeding TP and TSS removal rates already achieved.	CERP; Caloosahatchee River Watershed Protection Plan.	Anticipated Demonstration Study's Concentration Reductions: Exceed levels for existing wetlands & define the maximum reduction rate (>14% TN) Maintain levels for existing constructed wetlands (>37% TP) Maintain levels for existing constructed wetlands (>26% TSS)	N/A Mesocosm construction to start in Fiscal Year 2015-16.	N/A	N/A	10/1/2014	9/30/2019	\$ 1,089,938	\$ 310,777	\$ 50,353	\$ -	\$ -	\$ -	0%	50%	0%	50%	0%		
2	2.3.1	C-43 West Storage Reservoir	Caloosahatchee River Estuary	The Caloosahatchee River (C-43) West Basin Storage Reservoir will capture and store stormwater runoff from the C-43 basin and reduce excess freshwater flow to the Caloosahatchee Estuary. It will also capture and store regulatory releases from Lake Okeechobee, reducing discharges to coastal estuaries during wet periods and providing flows to the estuary during dry periods. The SFWMD acquired the land with significant cost-share from the U.S. Department of Interior. Design and permitting is complete. The project was authorized in the Water Resources Reform and Development Act of 2014. Federal appropriations are needed to enter into a Project Partnership Agreement. A portion of the project site has been used for emergency storage during wet periods. Design is underway on incremental features that will provide 9,000 acre-feet of interim shallow storage. The SFWMD expects to begin construction in 2015. Project Benefit: Help to restore the healthy ecological function and productivity within the Caloosahatchee Estuary	CERP; Caloosahatchee Watershed Protection Plan, Five-year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2009	9/30/2022	\$ 37,437,262	\$ 115,000,000	\$ 130,000,000	\$ 130,000,000	\$ 60,000,000	\$ -	20%	20%	0%	60%	0%		
2	2.3.1	S. Dade C-111 Federal Project	Everglades National Park	Corps to complete Contracts 8, 8A and 9 northern detention area and other features, thereby, complete the hydrologic link between the federal C-111 South Dade and Modified Water Deliveries projects. This effort is critical to the District's ability to retain water in Everglades National Park and maintain flood protection to the east. The C-111 South Dade Project will aid the restoration of Taylor Slough, which experienced ecological damage when water was directed away from the slough due to construction of the C-111 canal. It will also help improve sheetflow into the Everglades by preventing groundwater seepage to the east. *Funds will be used for cash contributions to the USACE for contracts 8 & 9. Project Benefit: The project intends to restore of hydrologic conditions in the C-111 Basin; protection of natural values associated with ENP; elimination of damaging freshwater inflows to Florida Bay; and maintain flood protection for the C-111 Basin. Additional funds for Taylor Slough.	Foundation Project, Five-Year Capital Improvements Plan, 2016 SFER	N/A	N/A	N/A	N/A	2/5/2010	10/1/2018	\$ 4,611,726	\$ 85,899	\$ -	\$ -	\$ -	\$ -	0%	0%	0%	100%	0%		
2	2.3.1	Southern CREW	Estero Bay	Southern CREW (Corkscrew Regional Ecosystem Watershed) Restoration Project will improve or restore the hydrology and ecology of the project area along with resulting benefits to upstream and downstream lands. Final project design completed in 2013. Both CERPRA and USACE 404 permits have been issued. The State/SFWMD has partnered with other governments and conservation organizations to collectively acquire 4,100 acres of the Southern CREW Restoration Project which is a part of the 60,000-acre CREW. The Southern CREW project will restore approximately 1,080 acres to wetlands. Project Benefit: Restoring and improving hydrology by increasing the depth and duration of the hydroperiod within the project footprint resulting in improved habitat in the project area without significant adverse impacts outside the project boundary.	Pre-CERP: Critical Restoration Project. Five-Year Capital Improvements Plan and 2016 SFER	N/A	N/A	N/A	N/A	4/1/2010	10/1/2018	\$ 406,451	\$ -	\$ -	\$ -	\$ -	\$ -	20%	20%	0%	60%	0%		
2	2.3.1	Picayune Strand Restoration Project	Ten Thousand Islands Estuary	The Picayune Strand Restoration project will reestablish natural sheetflow to enhance wetlands in the 55,000-acre Picayune Strand State Forest and provide more natural freshwater inflow to the Ten Thousand Islands National Wildlife Refuge and Collier-Seminole State Park as well as enhance the wetland systems in the Fakahatchee Strand State Preserve Park. The project includes constructing three pump stations with spreader canals, plugging 40 miles of canals and removing 227 miles of roads. The SFWMD plugged 7 miles of Prairie Canal and removed 65 miles of roadways – resulting in more than 13,000 acres of restored and enhanced habitat. A series of culverts constructed under U.S. Highway 41 will restore natural sheetflow to wetlands south of the road. The USACE completed the Merritt pump station in 2014, and plugged the Merritt Canal in spring 2015. Work on the Faka Union pump station is nearing completion and an additional 92 miles of roads have been removed. Work on the Miller pump station continues with a scheduled completion date in March 2017. Manatee Mitigation construction project will be completed in Fiscal Year 2015-16. Project Benefit: • Restoring and enhancing wetland and upland habitats for fish and wildlife resources, including threatened and endangered species. • Reducing or eliminating over drainage of adjacent sensitive ecosystems including Fakahatchee Strand State Preserve Park, Collier-Seminole State Park, and the Florida Panther National Wildlife Refuge. • Reducing freshwater discharges (point source) to improve the health and productivity of downstream estuaries, including 35,000 acres in the Ten Thousand Islands National Wildlife Refuge. • Improving aquifer recharge to protect water supply and prevent saltwater intrusion.  As local sponsor, SFWMD acquires the necessary lands. Funds will be used for the acquisition of 912 acres (35 tracts) and the relocation of 5 residential occupants within the Belle Meade area of the project.	CERP; 2009 Lower West Coast RWSP, p. 279. Five-Year Capital Improvements Plan and 2016 SFER	N/A	N/A	N/A	N/A	8/9/2005	9/29/2020	\$ 6,007,803	\$ 11,650,000	\$ 23,000,000	\$ 5,300,000	\$ -	\$ -	\$ -	20%	20%	0%	60%	0%	
2	2.3.1	C-111 Spreader Canal - S-199/S-200 Pump Capacity Increase	Taylor Slough and Eastern/Central Florida Bay	Increase pump station capacity including modification of downstream features to accommodate increased flows	CERP	N/A	N/A	TBD	N/A	9/5/2001	1/2/2018	\$ 4,762,715	\$ -	\$ -	\$ -	\$ -	\$ -	20%	20%	0%	60%	0%		

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State Program	Activity-Subactivity	Title	Water Body	Project Description	Planning Document	Intended Quantified Water Quality Benefits	Achieved Quantified Water Quality Benefits	Intended Quantified Water Supply Benefits	Achieved Quantified Water Supply Benefits	Begin Date	End Date	Budget Request for FY2016-17	FY2017-18	FY2018-19	FY2019-20	FY2020-21	FY2021-22	Water Supply	Water Quality	Flood Protect	Natural Systems	Mgmt. Svcs		
2	2.3.1	C-44 Reservoir/STA Project	St. Lucie River and Southern Indian River Lagoon	The C-44 Reservoir/STA project (RSTA) is a component of the Indian River Lagoon South (IRL-S) project, a comprehensive watershed based CERP project that will reduce freshwater inflows to the St. Lucie River and Indian River Lagoon estuarine systems and result in improved water quality and salinity to generate overall habitat improvement. The C-44 RSTA includes a 3,400 acre foot reservoir capable of storing 50,600 acre feet of water from the C-44 basin, along with 6,300 acres of stormwater treatment area, divided into 6 cells. The USACE completed construction on the first contract, which included the project Intake Canal. The SFWMD has initiated construction on the Stormwater Treatment Area (STA) in 2014 and expects to complete construction in 2017. Additionally, SFWMD initiated construction of the reservoir pump station in April of 2015, with an anticipated completion date in 2018. The USACE expects to issue a notice to proceed on the reservoir construction in November 2015. Construction will be complete, and the project will be ready for testing and commissioning in 2019. SFWMD has completed acquisition of approximately 80% of the land required for the remaining reservoirs, and about 30% of the natural lands required for the project. Project Benefit: The C-44 Reservoir and Stormwater Treatment Area project will capture local run-off from the C-44 basin, reducing average annual total nutrient loads and improving salinity in the St. Lucie Estuary and the southern portion of the Indian River Lagoon by providing, in total, 60,500 acre-feet of new water storage (50,600 acre-feet in the reservoir and 9,900 acre-feet in the STAs) and 3,600 acres of new wetlands.	CERP; Northern Everglades and Estuaries Protection Program; and St. Lucie River Watershed Protection Plan. Five-Year Capital Improvements Plan and 2016 SFER.	Reduction in average annual Phosphorus and Nitrogen loads to the estuary by 22 and 40 metric tons, respectively (from PIR table A-270)	N/A (project is not operational)	Replace 18% of Agricultural withdrawal from the Floridan (from PIR Table 6-12)	N/A (project is not operational)	11/6/2009	8/31/2022	\$ 60,299,133	\$ 25,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	20%	20%	0%	60%	0%
2	2.3.1	L-31 East Flow Way	Biscayne Bay	The L-31 East Flow Way is a project element of the Biscayne Bay Coastal Wetlands (BBCW) Phase 1 project and is a component of CERP. The L-31 East Flow Way is intended to achieve a number of the objectives of CERP, namely improving freshwater and estuarine habitat and salinity distribution within Biscayne Bay, reestablishing productive nursery habitat along the shoreline and improving distribution of freshwater to the Bay and Biscayne National Park. The project achieves these objectives in a simple manner, redirecting runoff within the C-102 and C-103 basins, that currently discharges to tide through the coastal wetlands along the Bay. Project Benefit: To identify and implement short term projects/measures towards meeting Regional goals and to provide a longer term, more comprehensive plan towards meeting Regional goals. The project is necessary to restore the quality, quantity, timing and distribution of freshwater into the Bay and Biscayne National Park; and preserve and restore the spatial extent of natural coastal glades habitat within the project's study area.	CERP, Five-Year Capital Improvements Plan and 2016 SFER.	L31E Flow-way will contribute to the reduction of 162 metric tons of nitrate per year as identified in the PIR for BBCW.	N/A	Redistribute existing water in the system	N/A	10/1/2013	4/1/2019	\$ 59,891	\$ 339,000	\$ 358,018	\$ 358,018	\$ 358,018	\$ -	20%	20%	0%	60%	0%		
2	2.3.1	CEPP South Old Tamiami Trail(OTT)Removal	WCA 3A	In conjunction with other CEPP PPA South Components, removal of approximately 6 miles of Old Tamiami Trail between the Everglades National Park (ENP) Tram Road and the L-67 Extension Levee will provide a net gain of wetland acreage, facilitate additional deliveries of water from WCA 3A by potentially providing a small increase in the conveyance capacity of the S-12 structures. Detailed design and construction of these features will minimize project footprints due to the nature of the regions' environmentally sensitive areas. The removal of Old Tamiami Trail will require relocation for the Florida Power and Light (FPL) existing power lines. The power distribution lines with poles and conductors is the main supply to the Miccosukee Reserve Area, including headquarters and health care facility. Due to the fact that we cannot have aboveground lines, burying the line on the north side of the road is the only option.	CEPP PPA South	N/A	N/A	N/A	N/A	2/22/2016	9/30/2017	\$ 3,032,696	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	20%	20%	0%	60%	0%	
2.3.1 Restoration Total												\$ 117,707,615	\$ 152,385,675	\$ 153,408,371	\$ 135,658,018	\$ 60,358,018	\$ -	16%	21%	0%	63%	0%		
2	2.3.1	Restoration Strategies: Overall Project	Everglades	Restoration Strategies overall planning project for future projects.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2016 SFER.	To meet the WQBEL starting in 2025 and State water quality standards in the Everglades Protection Area.	N/A	N/A	N/A	4/2/2012	12/31/2025	\$ 2,126,093	\$ -	\$ -	\$ -	\$ -	11,665,352	20%	20%	0%	60%	0%		
2	2.3.1	RS G-341 & Conveyance Improvements	Everglades	The G-341 structure is a gated spillway structure with two gates located in the Everglades Agriculture Area of Palm Beach County and was part of STA 2 construction. The main purpose of structure G-341 is to divert more water to S-6 Basin for treatment in STA 2. The structure is also used to transfer water in either direction between the S-5A and S-6 basins for flood control and water supply. The original design intent of G-341 was to divert up to a maximum of 600 cfs from the intermediate reach between the former location of Structure S5AX and the location of Structure G-341 to the west to STA 2. Structure S5AX was removed from service in 1999. From its union with the Ocean (L13) Canal, the Hillsboro (L14) Canal extends north 8.9 miles where it converges with the North New River (L20) Canal at Structure S351 and Pump Station S2 on the rim canal of Lake Okeechobee. The Hillsboro (L15) Canal also runs 14.5 miles south of the connection with the Ocean (L13) Canal to Pump Station S6. The Bolles East (L16) Canal is comprised of a nine (9) mile reach of canal stretching between the Hillsboro (L15) Canal on the east and the North New River (L19/L20) Canal. Project Benefit: To assist in meeting the WQBEL and state water standards set for the Everglades Protection Areas. The proposed project is intended to maximize the designed operations of Structure G-341. Multiple C&SF System benefits will be provided by the project improvements. System flexibility to move excess flows depending on the location of available storage facilities such as Flow Equalization Basins (FEB) will provide needed flood protection. Water quality will be improved with the ability to move water to take advantage of available treatment capacity in STAs located in different basins. Periods of hydration, which improve STA water quality treatment capabilities, may be extended when water is available for transfer.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2016 SFER.	To meet the WQBEL starting in 2025 and State water quality standards in the Everglades Protection Area.	N/A	N/A	N/A	8/1/2014	9/30/2019	\$ 12,742,089	\$ 4,525,849	\$ 4,612,400	\$ -	\$ -	\$ -	20%	20%	0%	60%	0%		
2	2.3.1	RS STA1W Expansion #1	Everglades	The STA-1W Expansion is a combination of the existing STA-1W footprint and the additional treatment area required to meet State Water Quality Standards. The STA-1W Expansion project will consist of all features necessary to make the Eastern Flow Path projects perform consistent with the WQBEL. The total expansion is an approximate 6,500-acre STA expansion that has been divided into two phases. The first phase is a 4,700-acre STA expansion and then second phase in a 1,800-acre STA expansion. Project Benefit: To assist in meeting the WQBEL and state water standards set for the Everglades Protection Areas. The primary objective of a Stormwater Treatment Area, or STA, is to utilize biological processes to reduce phosphorus concentrations in order to remove phosphorus from urban and agricultural stormwater runoff prior to discharge to the Everglades and achieve the Water Quality Based Effluent Limit (WQBEL).	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2016 SFER.	To meet the WQBEL starting in 2025 and State water quality standards in the Everglades Protection Area.	N/A	N/A	N/A	12/31/2012	12/31/2018	\$ 22,989,647	\$ 20,596,390	\$ 2,404,439	\$ -	\$ -	\$ -	20%	20%	0%	60%	0%		

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State Program	Activity-Subactivity	Title	Water Body	Project Description	Planning Document	Intended Quantified Water Quality Benefits	Achieved Quantified Water Quality Benefits	Intended Quantified Water Supply Benefits	Achieved Quantified Water Supply Benefits	Begin Date	End Date	Budget Request for FY2016-17	FY2017-18	FY2018-19	FY2019-20	FY2020-21	FY2021-22	Water Supply	Water Quality	Flood Protect	Natural Systems	Mgmt. Svcs		
2	2.3.1	RS G-716 Structure Expansion	Everglades	As part of the project, an additional structure will be constructed adjacent to the existing S-375. The new structure will have an approximate design capacity of approximately 2,400 cfs to allow conveyance of full design flows from the S-319 Pump Station through use of both the S-375 structure and the new structure. Project Benefit: To assist in meeting the WQBEL and state water standards set for the Everglades Protection Areas. The primary objective of expanding the S-375 Structure is to increase the structure capacity to convey additional volumes of water within STA-1E, East Distribution Cell to the West Distribution Cell.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2016 SFER.	To meet the WQBEL starting in 2025 and State water quality standards in the Everglades Protection Area.	N/A	N/A	N/A	2/22/2013	9/30/2017	\$ 525,631	\$ -	\$ -	\$ -	\$ -	\$ -	20%	20%	0%	60%	0%		
2	2.3.1	RS Replacement MECCA FEB	Loxahatchee River	The Mecca property is approximately 1,920 acres of former citrus grove that is currently owned by Palm Beach County. The property will be acquired through a negotiated process with Palm Beach County for an expected sale price of \$26 million. Appraisals and environmental site assessments to support the acquisition have been completed, for approximately \$600,000.00. A portion of the site will be conveyed to the Florida Fish and Wildlife Conservation Commission for their use. The remainder of the site is intended to be converted to a water storage facility that will provide for capturing flows from C-18 western basin. These flows will then be discharged back to the C-18 canal, to be delivered to the Loxahatchee River when needed to support the recovery strategy for the reduction of Minimum Flows and Levels Exceedances and Violations, and to better meet restoration target flows. Project Benefit: Replacement feature, the Mecca shallow impoundment is being designed and constructed in order free up the existing L-8 Reservoir for use as a part of Restoration Strategies and to fulfill the State of Florida's commitment to the achieving the Minimum Flow and Level (MFL) for the Loxahatchee River and improve River Restoration Targets.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2016 SFER.	N/A	N/A	N/A	N/A	7/26/2013	9/30/2020	\$ 2,492,058	\$ 27,843,000	\$ 22,800,000	\$ 17,800,000	\$ -	\$ -	20%	20%	0%	60%	0%		
2	2.3.1	RS SP Eval Rooted FVA Role in Lower STATP	Everglades	Key areas that should be considered for further scientific studies include the effect of the following factors on STA performance: (1) phosphorus loading rates; (2) inflow phosphorus concentration; (3) hydraulic loading rates; (4) inflow water volumes, timing, pulsing, peak flows, and water depth; (5) phosphorus speciation at inflows and outflows; (6) effects of microbial activity and enzymes on phosphorus uptake; (7) phosphorus re-suspension and flux; (8) the stability of accreted phosphorus; (9) phosphorus concentrations and forms in soil and floc; (10) soil flux management measures; (11) influence of water quality constituents such as calcium; (12) emergent and submerged vegetation speciation; (13) vegetation density and cover; (14) weather conditions such as hurricane and drought; and (15) the inter-relationships between those factors. Project Benefit: Conduct research to improve STA treatment performance in support of Restoration Strategies to meet the WQBEL and State Water Quality Standards for the Everglades Protection Area.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2016 SFER.	To meet the WQBEL starting in 2025 and State water quality standards in the Everglades Protection Area.	N/A	N/A	N/A	2/15/2016	10/2/2017	\$ 260,328	\$ -	\$ -	\$ -	\$ -	\$ -	20%	20%	0%	60%	0%		
2	2.3.1	RS SP PSTA Tech Perform, Design & Ops	Everglades	Key areas that should be considered for further scientific studies include the effect of the following factors on STA performance: (1) phosphorus loading rates; (2) inflow phosphorus concentration; (3) hydraulic loading rates; (4) inflow water volumes, timing, pulsing, peak flows, and water depth; (5) phosphorus speciation at inflows and outflows; (6) effects of microbial activity and enzymes on phosphorus uptake; (7) phosphorus re-suspension and flux; (8) the stability of accreted phosphorus; (9) phosphorus concentrations and forms in soil and floc; (10) soil flux management measures; (11) influence of water quality constituents such as calcium; (12) emergent and submerged vegetation speciation; (13) vegetation density and cover; (14) weather conditions such as hurricane and drought; and (15) the inter-relationships between those factors. Project Benefit: Conduct research to improve STA treatment performance in support of Restoration Strategies to meet the WQBEL and State Water Quality Standards for the Everglades Protection Area.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2016 SFER.	To meet the WQBEL starting in 2025 and State water quality standards in the Everglades Protection Area.	The PSTA cell has been achieving ≤13 ppb; we need to understand how it is achieving this to assess transferability to other areas.	N/A	N/A	8/1/2013	10/2/2017	\$ 523,327	\$ -	\$ -	\$ -	\$ -	\$ -	20%	20%	0%	60%	0%		
2	2.3.1	RS SP STA Water and TP Budget	Everglades	Key areas that should be considered for further scientific studies include the effect of the following factors on STA performance: (1) phosphorus loading rates; (2) inflow phosphorus concentration; (3) hydraulic loading rates; (4) inflow water volumes, timing, pulsing, peak flows, and water depth; (5) phosphorus speciation at inflows and outflows; (6) effects of microbial activity and enzymes on phosphorus uptake; (7) phosphorus re-suspension and flux; (8) the stability of accreted phosphorus; (9) phosphorus concentrations and forms in soil and floc; (10) soil flux management measures; (11) influence of water quality constituents such as calcium; (12) emergent and submerged vegetation speciation; (13) vegetation density and cover; (14) weather conditions such as hurricane and drought; and (15) the inter-relationships between those factors. Project Benefit: Conduct research to improve STA treatment performance in support of Restoration Strategies to meet the WQBEL and State Water Quality Standards for the Everglades Protection Area.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2016 SFER.	To meet the WQBEL starting in 2025 and State water quality standards in the Everglades Protection Area.	N/A	N/A	N/A	9/19/2013	9/30/2020	\$ 249,295	\$ 202,292	\$ 215,925	\$ 277,495	\$ -	\$ -	20%	20%	0%	60%	0%		
2	2.3.1	RS SP Canal Conveyance	Everglades	Key areas that should be considered for further scientific studies include the effect of the following factors on STA performance: (1) phosphorus loading rates; (2) inflow phosphorus concentration; (3) hydraulic loading rates; (4) inflow water volumes, timing, pulsing, peak flows, and water depth; (5) phosphorus speciation at inflows and outflows; (6) effects of microbial activity and enzymes on phosphorus uptake; (7) phosphorus re-suspension and flux; (8) the stability of accreted phosphorus; (9) phosphorus concentrations and forms in soil and floc; (10) soil flux management measures; (11) influence of water quality constituents such as calcium; (12) emergent and submerged vegetation speciation; (13) vegetation density and cover; (14) weather conditions such as hurricane and drought; and (15) the inter-relationships between those factors. Project Benefit: Conduct research to improve STA treatment performance in support of Restoration Strategies to meet the WQBEL and State Water Quality Standards for the Everglades Protection Area.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2016 SFER.	To meet the WQBEL starting in 2025 and State water quality standards in the Everglades Protection Area.	N/A	N/A	N/A	9/19/2013	9/29/2017	\$ 164,061	\$ -	\$ -	\$ -	\$ -	\$ -	20%	20%	0%	60%	0%		
2	2.3.1	RS SP Deep Water Pulse on Cattail	Everglades	Key areas that should be considered for further scientific studies include the effect of the following factors on STA performance: (1) phosphorus loading rates; (2) inflow phosphorus concentration; (3) hydraulic loading rates; (4) inflow water volumes, timing, pulsing, peak flows, and water depth; (5) phosphorus speciation at inflows and outflows; (6) effects of microbial activity and enzymes on phosphorus uptake; (7) phosphorus re-suspension and flux; (8) the stability of accreted phosphorus; (9) phosphorus concentrations and forms in soil and floc; (10) soil flux management measures; (11) influence of water quality constituents such as calcium; (12) emergent and submerged vegetation speciation; (13) vegetation density and cover; (14) weather conditions such as hurricane and drought; and (15) the inter-relationships between those factors. Project Benefit: Conduct research to improve STA treatment performance in support of Restoration Strategies to meet the WQBEL and State Water Quality Standards for the Everglades Protection Area.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2016 SFER.	To meet the WQBEL starting in 2025 and State water quality standards in the Everglades Protection Area.	N/A	N/A	N/A	3/20/2014	9/30/2019	\$ 408,376	\$ 347,362	\$ 62,600	\$ -	\$ -	\$ -	20%	20%	0%	60%	0%		

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2	2.3.1	RS SP P-Sources, Forms and Flux	Everglades	Key areas that should be considered for further scientific studies include the effect of the following factors on STA performance: (1) phosphorus loading rates; (2) inflow phosphorus concentration; (3) hydraulic loading rates; (4) inflow water volumes, timing, pulsing, peak flows, and water depth; (5) phosphorus speciation at inflows and outflows; (6) effects of microbial activity and enzymes on phosphorus uptake; (7) phosphorus re-suspension and flux; (8) the stability of accreted phosphorus; (9) phosphorus concentrations and forms in soil and floc; (10) soil flux management measures; (11) influence of water quality constituents such as calcium; (12) emergent and submerged vegetation speciation; (13) vegetation density and cover; (14) weather conditions such as hurricane and drought; and (15) the inter-relationships between those factors. Project Benefit: Conduct research to improve STA treatment performance in support of Restoration Strategies to meet the WQBEL and State Water Quality Standards for the Everglades Protection Area.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2016 SFER.	To meet the WQBEL starting in 2025 and State water quality standards in the Everglades Protection Area.	N/A	N/A	N/A	8/1/2013	10/1/2018	\$ 2,235,502	\$ 509,976	\$ -	\$ -	\$ -	\$ -	20%	20%	0%	60%	0%		
2	2.3.1	RS STA1W Expansion #2	Everglades	STA1W Expansion 2: STA-1W Expansion #2 is approximately 1,800 acres and the second of two expansions to the existing STA-1W facility that will increase the effective treatment area, further reducing phosphorus discharges to meet the WQBEL and achieve State Water Quality standards in the Everglades Protection Area.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2016 SFER.	To meet the WQBEL starting in 2025 and State water quality standards in the Everglades Protection Area.	N/A	N/A	N/A	10/1/2016	9/30/2022	\$ 8,300,000	\$ 2,000,000	\$ 9,396,179	\$ 16,692,698	\$ 33,388,051	\$ 32,348,263	20%	20%	0%	60%	0%		
2	2.3.1	RS C-139 FEB	Everglades	C-139 FEB: The C-139 FEB will be an approximately 11,000 ac-ft constructed storage feature located on the norther portion of the C-139 Annex that will capture and store peak stormwater flows then deliver those flows at a steady rate to STA-5/6 to meet the WQBEL and achieve State Water quality standards in flows discharging into the Everglades Protection Area.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2016 SFER.	To meet the WQBEL starting in 2025 and State water quality standards in the Everglades Protection Area.	N/A	N/A	N/A	10/1/2019	9/30/2024	\$ -	\$ -	\$ -	\$ 1,600,000	\$ 2,400,000	\$ 16,000,000	20%	20%	0%	60%	0%		
2	2.3.1	RS STA 5/6 Earthwork	Everglades	STA 5 Earthwork: STA-5 Earthwork consists of internal leveling of high areas and filling in of low areas within the existing STA-5 in Flowway 2 and Flowway 3 respectively. The earthwork will improve phosphorus treatment performance of STA-5/6 to meet the WQBEL and achieve State Water Quality standards in the Everglades Protection Area.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2016 SFER.	To meet the WQBEL starting in 2025 and State water quality standards in the Everglades Protection Area.	N/A	N/A	N/A	10/1/2019	9/30/2024	\$ -	\$ -	\$ -	\$ 2,300,000	\$ 2,300,000	\$ 14,025,414	20%	20%	0%	60%	0%		
2	2.3.1	RS Future Science Plan Projects	Everglades	Science Plan Projects that will be identified in future years. The Science Plan was developed to identify studies that investigate the critical factors that collectively influence ultralow treatment performance and phosphorus reduction in the STAs. Results from Science Plan studies will be used to inform the design and operation of water quality projects to meet the stringent phosphorus standard for the Everglades.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2016 SFER.	To meet the WQBEL starting in 2025 and State water quality standards in the Everglades Protection Area.	N/A	N/A	N/A	10/1/2019	9/30/2024	\$ -	\$ 6,738,475	\$ 6,999,475	\$ 6,697,475	\$ 5,825,475	\$ 6,825,475	20%	20%	0%	60%	0%		
2	2.3.1	RS Future Source Controls Projects	Everglades	Source Controls Projects that will be identified in future years. As part of the Restoration Strategies Regional Water Quality Plan, the District proposes to build on the existing BMP Regulatory Program by focusing on areas and projects with the greatest potential to further improve water quality. The District's goal is to design water quality improvement projects in strategic onsite locations or through sub-regional source control projects in series with on-site BMPs to further reduce total phosphorus loads to the STAs.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2016 SFER.	To meet the WQBEL starting in 2025 and State water quality standards in the Everglades Protection Area.	N/A	N/A	N/A	10/1/2019	9/30/2024	\$ -	\$ 3,957,486	\$ 4,300,000	\$ 4,500,000	\$ 2,642,514	\$ -	20%	20%	0%	60%	0%		
2.3.1 Restoration Strategies Total												\$ 53,016,407	\$ 66,720,829	\$ 50,791,019	\$ 49,867,668	\$ 46,556,040	\$ 80,864,504	20%	20%	0%	60%	0%		
2	2.4.1	Comprehensive Water Conservation Program - Regulatory Initiatives (In 5 Year Water Supply Plan this is combined with item with an item in State Subactivity with same name 5.2.1)	Surface water and Aquifers	BCB Urban Mobile Irrigation Labs to evaluate urban water usage for landscaping sites evaluated	2017 Five-Year Water Resources Development (WRD) Work Program (WP).	N/A	N/A	Annual results reported in regional water supply plan updates.	N/A	10/1/2016	9/30/2021	\$ 318,760	\$ 319,000	\$ 319,000	\$ 319,000	\$ 319,000	\$ -	100%	0%	0%	0%	0%		
2.4.1 Other Cooperative Projects Total												\$ 318,760	\$ 319,000	\$ 319,000	\$ 319,000	\$ 319,000	\$ -	100%	0%	0%	0%	0%		
PROGRAM SUBTOTAL												\$ 289,935,387	\$ 289,476,341	\$ 254,498,253	\$ 226,403,587	\$ 146,789,055	\$ 120,164,504	PROGRAM SUBTOTAL						
3.0 Operations and Maintenance of Lands and Works																								

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3	3.1.1	Lake Belt Land Acquisition Mitigation & Wetland Mitigation Funds	N/A	Future land acquisition as approved by the Lake Belt Mitigation Plan. Pennsuco/Shingle Creek/CEMEX and associated fencing needs Project Benefit: Restoration	Lake Belt Mitigation Plan, Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2016	9/30/2018	\$ 5,320,890	\$ -	\$ -	\$ -	\$ -	\$ -	20%	10%	20%	50%	0%		
		3.1.1 Land										\$ 5,320,890	\$ -	\$ -	\$ -	\$ -	\$ -	20%	10%	20%	50%	0%		
3	3.1.1	C-139 Annex Restoration Project	WCA-3	Sam Jones/Abiaki Prairie Wetland Restoration (C-139 Annex) project will complement Restoration Strategies by returning more historic Everglades conditions to 15,000 acres of former citrus grove, which will help improve water quality. About 2,000 acres of citrus have been removed, along with follow-up herbicide treatments. Mitigation for wetland impacts associated with limestone mining activities in the Lake Belt Region. Approved by the Lake Belt Mitigation Committee in December 2012. The C-139 Annex is a 17,904.44 acre parcel located in Hendry County, Florida. Project Benefit: The restoration shall, to the fullest extent possible, restore the historic Everglades hydrologic conditions and vegetation. The design shall integrate the existing topography to promote wildlife inhabitation and accessibility as well as preservation of cultural recourses	2014 Lake Belt Mitigation Committee Annual Report; Five-Year Capital Improvements Plan, 2016 SFER	Outflow P less than inflow P	Project is not completed	N/A	N/A	1/11/2013	9/30/2024	\$ 6,038,690	\$ 2,177,082	\$ 8,455,769	\$ 312,818	\$ 8,734,496	\$ 3,510,426	20%	10%	20%	50%	0%		
		3.1.1 Mitigation Projects										\$ 6,038,690	\$ 2,177,082	\$ 8,455,769	\$ 312,818	\$ 8,734,496	\$ 3,510,426	20%	10%	20%	50%	0%		
3	3.2.1	C-4 Canal Bank Improvements	C-4 Canal	Canal Bank Stabilization/Improvements along the C-4 Canal in Miami-Dade County. Completion of the Sweetwater Phase and beginning of construction on the Palmetto Phase. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Canal/Levee Maintenance & Canal Conveyance: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	9/25/2007	9/30/2018	\$ 393,227	\$ 1,865,908	\$ -	\$ -	\$ -	\$ -	30%	0%	70%	0%	0%		
3	3.2.1	G-123 PS Demolition & S-34 Gate Replacement / Automation	North New River Canal	Replacement, Refurbishment and Automation of the S-34 Structure and demolition of the G-123 Structure Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Structure/Bridge Modification & Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	5/22/2008	12/28/2017	\$ 6,450,449	\$ 1,513,435	\$ -	\$ -	\$ -	\$ -	30%	0%	70%	0%	0%		
3	3.2.1	SSA Refurbishment / Automation	STA1E/STA1W & WCA-1, C-51	Multi-year construction effort of the complete engine overhaul & entire pump station improvements. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Pump Station Modification/Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	9/5/2008	9/30/2021	\$ 11,624,417	\$ 15,971,652	\$ 15,941,457	\$ 15,900,000	\$ 7,699,300	\$ -	50%	0%	50%	0%	0%		
3	3.2.1	Vertical Datum - NAV88	SFWMD District Wide Water Bodies	The South Florida Water Management District's (SFWMD) Vertical Datum Upgrade Project (VDUP) is transitioning the District's vertical data from the current National Geodetic Vertical Datum of 1929 (NGVD29) to the North American Vertical Datum of 1988 (NAVD88) through a controlled, well-communicated, technically sound and properly managed process. Project Benefit: Enable District personnel to employ the most accurate vertical data available in a common datum without losing historical records, with visibility into the elevation information sources and attributes. Systems, tools and processes are capable of accommodating future vertical datum upgrades without the loss of available, historical information. Provide users access to accurate NGVD29 or NAVD88 values for any given period. Develop and integrate a common database with the District's IT infrastructure that will allow all users, both internal and external, to utilize the same vertical datum information for analyzing and reporting vertical data.	2016 SFER OMC Vertical Datum (NAVD88): Five-Year Capital Improvements Plan and BCB Financial Forecast	N/A	N/A	N/A	N/A	10/1/2008	9/30/2017	\$ 1,087,740	\$ -	\$ -	\$ -	\$ -	\$ -	0%	25%	75%	0%	0%		
3	3.2.1	North Shore Path - Command & Control	Lake Okeechobee	This project provides the IT & Telemetry Equipment that will support the North Shore Command & Control Station at S-127. This project is being constructed along with the North Shore Path Automation Project. Pump Stations that will be upgraded are S-127, S-129, S-131, S-133 and S-135 along the North Shore of Lake Okeechobee. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Communications and Control Systems: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	9/25/2009	1/31/2017	\$ 600,902	\$ -	\$ -	\$ -	\$ -	\$ -	25%	0%	50%	25%	0%		
3	3.2.1	S-140 Trash Rake Replacement	WCA-3	Replace the outdated trash removal system with an automated modern system, allowing improved flood control during extreme weather events and to complete repairs identified under the Structure Inspection Program (SIP) and improve the overall reliability and life expectancy of the gates and operators. Replacement of deteriorated fuel storage equipment that is a current maintenance burden. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Pump Station Modification/Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	6/1/2010	6/15/2019	\$ 2,580,756	\$ 4,680,376	\$ 2,744,783	\$ -	\$ -	\$ -	50%	0%	50%	0%	0%		
3	3.2.1	B-66 Tower Replacement	N/A	The existing communication tower is part of the Central Communication Loop. The tower replacement will enhance communication capabilities within the loop and communication between the District headquarters and other loops within the District AOR. As part of the District efforts to refurbish its infrastructure, it was determined that the existing 140 foot tower needs to be replaced with a 300 foot high free standing tower that will be designed to meet District hurricane standards. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Communications and Control Systems: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	2/24/2011	1/2/2018	\$ 2,199,475	\$ 354,008	\$ -	\$ -	\$ -	\$ -	25%	0%	50%	25%	0%		
3	3.2.1	WPBFS Service Area Project Culvert Replacements	L-8, L-15, L-12 and C-18	The project consists of the removal and the replacement of the culverts and gates on the following five (5) project culverts: PC01 on the L8, PC03 on the L15, PC05 & 06 on the L12, and PC18 on the C18.	2016 SFER O&M Communications and Control Systems: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	3/23/2012	10/2/2017	\$ 2,176,840	\$ 444,729	\$ -	\$ -	\$ -	\$ -	50%	0%	50%	0%	0%		
3	3.2.1	North Shore Path - Automation	Lake Okeechobee	This project provides the automation of the pump stations that will support the North Shore Command & Control Station at S-127. This project is being constructed along with the North Shore Path Command & Control Project. Pump Stations that will be upgraded are S-127, S-129, S-131, S-133 and S-135 along the North Shore of Lake Okeechobee. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Pump Station Modification/Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	8/31/2009	1/31/2017	\$ 766,595	\$ -	\$ -	\$ -	\$ -	\$ -	50%	0%	50%	0%	0%		

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3	3.2.1	G-103 Weir Replacement	Lake Kissimmee	The existing structure is to be removed and replaced with a cast-in-place concrete box culvert with gates consistent with District Design Guidelines. The preferred material for the surface over the culverts should be sodded. The culvert structure shall be designed to provide the same operational function as the existing structure. (In-kind functionality) The structure shall provide access for foot and service vehicle traffic. The structure will remain manually operated. The design shall include removal of existing structure and installation of new replacement cast-in-place box culvert structure with gates Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Structure/Bridge Modification & Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	2/8/2010	8/31/2017	\$ 252,420	\$ -	\$ -	\$ -	\$ -	\$ -	-	30%	0%	70%	0%	0%	
3		Homestead FS B-230 Replacement	N/A	Replacement of the existing B-230 Building at the Homestead Field Station.	2016 SFER O&M Facility Construction: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2016	9/30/2017	\$ 570,518	\$ 1,319,635	\$ -	\$ -	\$ -	\$ -	-	30%	0%	70%	0%	0%	
3	3.2.1	SCADA System Replacement	N/A	Replacement of the existing SCADA system that the District currently is using. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Communications and Control Systems: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	12/1/2011	12/31/2018	\$ 2,035,554	\$ 805,000	\$ 497,583	\$ -	\$ -	\$ -	-	0%	25%	75%	0%	0%	
3	3.2.1	C23 - C25 Bank Stabilization (S-48/S-50 Repairs)	C-23 Canal and C-25 Canal	Routine inspections have identified deficiencies in the S-48 and S-50 structures. Heavy corrosion in steel sheetpile exists and bank erosion on each side of the structures exists. The structures will be refurbished. The S-48 and S-50 structures discharge flood runoff from their tributary basins, prevent over drainage by maintaining optimum water levels above the structures, and prevent salt water intrusion. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Canal/Levee Maintenance & Canal Conveyance: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	2/7/2012	10/2/2017	\$ 1,554,686	\$ -	\$ -	\$ -	\$ -	\$ -	-	30%	0%	70%	0%	0%	
3	3.2.1	Fall Protection Improvements	N/A	The proposed fall protection designs shall address the maintenance needs of the field station staff and comply with District engineering standards, OSHA regulations, and equipment manufacturer's recommendations. These improvements will protect staff during structure inspections. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Structure/Bridge Modification & Repair: Five-Year Capital Improvements Plan and BCB Financial Forecast	N/A	N/A	N/A	N/A	10/1/2012	9/30/2022	\$ 756,052	\$ 845,867	\$ 142,707	\$ 741,483	\$ 76,317	\$ 399,583	30%	0%	70%	0%	0%		
3	3.2.1	Storm Water Treatment Area (STA) Fuel Tank Platforms	N/A	The project objective is the design and installation of maintenance access platforms for large diesel fuel tanks at 8 District STA Pump Stations located in STA 1E, STA 1W, STA 2, STA 3/4 and STA 5/6. The platforms will provide a safe working space for District maintenance staff. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M STA Capital Construction: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	4/14/2014	9/29/2017	\$ 517,029	\$ -	\$ -	\$ -	\$ -	\$ -	-	10%	80%	5%	5%	0%	
3	3.2.1	S-151 Structure Replacement	C-304 (Miami Canal) and L-67A Canal within WCA-3A	The project consists of (6) 84 inch corrugated metal pipe culverts, located at the point where L-67A crosses the Miami Canal, about 20 miles west of Miami. Replacement of the existing structure with a new structure that has the same flow capability.	2016 SFER O&M Structure/Bridge Modification & Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	2/19/2015	12/15/2017	\$ 2,518,601	\$ 2,468,350	\$ -	\$ -	\$ -	\$ -	-	30%	0%	70%	0%	0%	
3	3.2.1	C-100A Canal Rehabilitation	C-100A Canal	The project seeks to repair the eroded canal banks and establishment of the SFWMD right-of-way along the canal banks will have to be determined and coordinated.	2016 SFER O&M Canal Conveyance & Improvements Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	3/28/2013	9/30/2021	\$ 442,832	\$ 2,349,814	\$ 1,112,126	\$ 105,155	\$ 2,964,536	\$ -	30%	0%	70%	0%	0%		
3	3.2.1	S40 / S41/ S44 Gate/Lift Hoist Replacements	C-15 Canal, C-16 Canal and C-17 Canal	The project consists of the fabrication of new stainless steel vertical lift roller gates for the coastal structures S-40, S-41 and S-44. The present gates are nearly 50 years old and section loss due to corrosion. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Structure/Bridge Modification & Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2015	9/30/2018	\$ 915,064	\$ 5,570,343	\$ -	\$ -	\$ -	\$ -	-	30%	0%	70%	0%	0%	
3	3.2.1	S-319 Automatic Transfer Switch Replacement	N/A	This project will replace the current malfunctioning ATF at PS S-319 with in STA1E. If the automatic transfer fails the new automatic/manual option will allow the station to resume operation more quickly if there is a failure of the ATF.	2016 SFER O&M STA Capital Construction: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	12/3/2014	9/30/2018	\$ 1,666,795	\$ 3,265,423	\$ -	\$ -	\$ -	\$ -	-	10%	80%	5%	5%	0%	
3	3.2.1	GG Canal Weir #4 Replacement	Golden Gate Main Canal	The project includes the complete replacement of structure GG4 with a upgraded structure at the same location. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Structure/Bridge Modification & Repair: Five-Year Capital Improvements Plan and BCB Financial Forecast	N/A	N/A	N/A	N/A	3/19/2015	10/1/2018	\$ 472,860	\$ 3,500,000	\$ -	\$ -	\$ -	\$ -	-	30%	0%	70%	0%	0%	
3	3.2.1	FY17 Inspection Programs(CS&F) CA24	N/A	Water control structures are the heart of District operations, and serve the District's multi-faceted mission of flood control, water supply, water quality, and restoration. For the Structure Inspection Program (SIP), underwater inspections are contracted out to a dive team managed by District staff, while the above-water inspections (structural, civil, mechanical, and electrical disciplines) are performed in-house with District staff. SIP inspections cover culverts, weirs, spillways, navigation locks, pumps and pump stations. The SIP is a visual inspection along with full-cycle operation, used to identify operational, structural and safety issues with our water control structures. Inspections identify deficiencies, probable causes and recommended corrective action. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Structure/Bridge Modification & Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2016	9/30/2017	\$ 1,534,522	\$ -	\$ -	\$ -	\$ -	\$ -	-	30%	0%	70%	0%	0%	

Appendix C - Fiscal Year 2016-2017 Tentative Budget																								
South Florida Water Management District Appendix C Fiscal Year 2016-17 Tentative Budget - August 1, 2016																								
PROJECT INFORMATION												PROJECTED BUDGET REQUEST						AREA OF RESPONSIBILITY						
State Program	Activity-Subactivity	Title	Water Body	Project Description	Planning Document	Intended Quantified Water Quality Benefits	Achieved Quantified Water Quality Benefits	Intended Quantified Water Supply Benefits	Achieved Quantified Water Supply Benefits	Begin Date	End Date	Budget Request for FY2016-17	FY2017-18	FY2018-19	FY2019-20	FY2020-21	FY2021-22	Water Supply	Water Quality	Flood Protect	Natural Systems	Mgmt. Svcs		
3	3.2.1	FY17 Inspection Programs (STA) BB08	N/A	Water control structures are the heart of District operations, and serve the District’s multi-faceted mission of flood control, water supply, water quality, and restoration. For the Structure Inspection Program (SIP), underwater inspections are contracted out to a dive team managed by District staff, while the above-water inspections (structural, civil, mechanical, and electrical disciplines) are performed in-house with District staff. SIP inspections cover culverts, weirs, spillways, navigation locks, pumps and pump stations. The SIP is a visual inspection along with full-cycle operation, used to identify operational, structural and safety issues with our water control structures. Inspections identify deficiencies, probable causes and recommended corrective action. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M STA Capital Construction: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2016	9/30/2017	\$ 1,109,787	\$ -	\$ -	\$ -	\$ -	\$ -	10%	80%	5%	5%	0%		
3	3.2.1	S351 S354 Lift Mechanism Manatee Protection Barrier	Lake Okeechobee, L-14 Canal & Miami Canal	This project consists of the design, fabrication and construction of lifting mechanisms to efficiently remove and replace the Manatee Protection Barrier(Grates) at the S-351 & S-354 Spillways. Once the Grates are removed, the debris will be cleaned off and hen the lifting mechanism would be used to put the Grates back in place. The Grates protect the manatee from swimming through the structures. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Structure/Bridge Modification & Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	4/9/2015	6/30/2017	\$ 1,030,297	\$ -	\$ -	\$ -	\$ -	\$ -	30%	0%	70%	0%	0%		
3	3.2.1	FY17 Culvert In-Kind Replacements	SFWMD District Wide Water Bodies	There are approximately 25 Project Culverts that are replaced by the field stations each year. Deteriorated steel culverts, risers, and gates are to be replaced with more durable materials such as aluminum pipe. Overgrown vegetation and accumulated sediments are to be cleared to allow proper functioning of each replaced culvert. Original design elevations and flow capacity shall be maintained. Bank stabilization and erosion protection shall be provided. Disturbed levees shall be restored to their original as-built condition. Sheet pile cofferdams or other approved methods will be used to dewater the sites during construction. Okeechobee Field Station staff and equipment resources will assist the responsible area field station in completing the construction at each location. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Project Culvert Replacements: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2016	9/30/2017	\$ 1,218,032	\$ -	\$ -	\$ -	\$ -	\$ -	30%	0%	70%	0%	0%		
3	3.2.1	FY17 SCADA Still Well/Platform BB62	SFWMD District Wide Water Bodies	The District has established locations for collecting data at specified locations throughout its 16 county boundary. Over time, many of these locations have reached the end of their useful life creating an unsafe condition or become to costly to maintain. This project works to systematically replace the aging sites within the STA's. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M STA Capital Construction: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2016	9/30/2017	\$ 294,156	\$ -	\$ -	\$ -	\$ -	\$ -	10%	80%	5%	5%	0%		
3	3.2.1	FY17 SCADA Still Well/Platform CJ05	SFWMD District Wide Water Bodies	The District has established locations for collecting data at specified locations throughout its 16 county boundary. Over time, many of these locations have reached the end of their useful life creating an unsafe condition or become to costly to maintain. This project works to systematically replace the aging sites within the C&SF Project. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Communications and Control Systems - Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2016	9/30/2017	\$ 812,668	\$ -	\$ -	\$ -	\$ -	\$ -	15%	15%	70%	0%	0%		
3	3.2.1	FY17 Gate Overhaul Program C&SF	SFWMD District Wide Water Bodies	Control structure gates must be periodically removed, sandblasted, re-painted and re-installed. The field stations perform the work and it is done on a cyclical basis for the C&SF Structures. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Pump Station Modification/Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2016	9/30/2017	\$ 868,264	\$ -	\$ -	\$ -	\$ -	\$ -	30%	0%	70%	0%	0%		
3	3.2.1	FY17 Gate Overhaul Program STA	SFWMD District Wide Water Bodies	Control structure gates must be periodically removed, sandblasted, re-painted and re-installed. The field stations perform the work and it is done on a cyclical basis for the STA Structures. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M STA Capital Construction: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2016	9/30/2017	\$ 221,675	\$ -	\$ -	\$ -	\$ -	\$ -	10%	80%	5%	5%	0%		
3	3.2.1	FY17 Pump Engine Overhaul	SFWMD District Wide Water Bodies	The project consists of engine overhauls at various pump stations. The proposed overhaul for each pump engine should correct the existing operational issues identified by the Infrastructure Management Section (Infrastructure),will assure uninterrupted operation of these facilities located within the Homestead, West Palm Beach, and Ft. Lauderdale Field Stations (FS) areas of responsibility. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Pump Station Modification/Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2016	12/8/2017	\$ 1,113,477	\$ -	\$ -	\$ -	\$ -	\$ -	50%	0%	50%	0%	0%		
3	3.2.1	G-370. G-372 Communication Tower Grounding Mods	N/A	The project includes upgrading the tower grounding systems at the G-370 and G-372 pump stations to meet ANSI/EIA/TIA and SFWMD tower grounding requirements. Completion of this project will mitigate a hazardous condition at the sites to increase the safety of the staff.	2016 SFER O&M STA Capital Construction: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	7/1/2016	10/1/2018	\$ 220,830	\$ 682,711	\$ -	\$ -	\$ -	\$ -	\$ -	10%	80%	5%	5%	0%	
3	3.2.1	G-310, G-335 Trash Rake Replacement & Weather Proofing	N/A	To support continued District operations, aging structures require periodic maintenance and repairs. The G-310 and G-335 Pump Stations were constructed in 2000. These operational issues have rendered the units inoperable under automated mode and therefore requires careful manual operation, which is not feasible during storm events. The project will replace the existing trash rake with two new units per pump station, in their entirety, and re-align the trash collection area in parallel to the trash rake. Additionally, both G-310 & G-335 have encountered weather proofing issues. The project will review the prior crack repairs, exhaust fan penetrations and the like and make corrective action as needed, as well as paint the exterior of the pump station, replace the existing bituminous roof roofing system and install fall protection measures as needed. The project will also evaluate and paint the existing diesel fuel tanks and piping as needed.	2016 SFER O&M STA Capital Construction: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	5/1/2016	9/30/2020	\$ 536,128	\$ 1,410,792	\$ 8,311,579	\$ 3,702,975	\$ -	\$ -	\$ -	10%	80%	5%	5%	0%	

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South Florida Water Management District Appendix C Fiscal Year 2016-17 Tentative Budget - August 1, 2016																										
PROJECT INFORMATION												PROJECTED BUDGET REQUEST						AREA OF RESPONSIBILITY								
State Program	Activity-Subactivity	Title	Water Body	Project Description	Planning Document	Intended Quantified Water Quality Benefits	Achieved Quantified Water Quality Benefits	Intended Quantified Water Supply Benefits	Achieved Quantified Water Supply Benefits	Begin Date	End Date	Budget Request for FY2016-17	FY2017-18	FY2018-19	FY2019-20	FY2020-21	FY2021-22	Water Supply	Water Quality	Flood Protect	Natural Systems	Mgmt. Svcs				
3	3.2.1	BCB Capital Projects	N/A	Various repairs/refurbishments to structures within the Big Cypress Basin Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin. (COCO 1-3 & Faka Union #4) Scour Repairs, BCB SCADA Replacements, Cork 1&2 and CR951 1&2 Electrification, Cypress Canal Weir #4A1 Retrofit, Remote Monitoring & Communication, Golden Gate #1 Souring/Slab Repairs. Project Benefit- TBD	2016 SFER: Five-Year Capital Improvements Plan, BCB Financial Forecast	N/A	N/A	N/A	N/A	10/1/2016	9/30/2020	\$ 2,202,356	\$ 2,021,300	\$ 1,710,500	\$ 1,671,000	\$ 50,000	\$ -	30%	0%	70%	0%	0%				
3	3.2.1	Curry Culvert Gate Retrofit	N/A	Retrofit of existing gated culvert within the Big Cypress Basin. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER: Five-Year Capital Improvements Plan, BCB Financial Forecast	N/A	N/A	N/A	N/A	10/1/2016	9/30/2018	\$ 500,000	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	30%	0%	70%	0%	0%				
3	3.2.1	Future Canals & Levees Maintenance and Canal Conveyance Projects: Consists of canal bank stabilization and canal dredging along with levee repairs that fall within our C&SF system.	SFWMD District Wide Water Bodies	Future O&M Capital Program Projects: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Canal/Levee Maintenance & Canal Conveyance: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2018	9/30/2023	\$ -	\$ 2,700,000	\$ 10,826,000	\$ 16,016,245	\$ 13,110,766	\$ 17,156,000	30%	0%	70%	0%	0%				
3	3.2.1	Future Communication and Control Systems Projects: Consists of projects that make up our telemetry system within the C&SF System (towers and equipment)	SFWMD District Wide Water Bodies	Future O&M Capital Program Projects: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Communications and Control Systems: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2018	9/30/2023	\$ -	\$ 1,825,000	\$ -	\$ -	\$ -	\$ 2,000,000	30%	0%	70%	0%	0%				
3	3.2.1	Future Pump Station Modification and Repair Projects: Consists of refurbishment, repair or replacement projects that pertain to our C&SF Pump Stations.	SFWMD District Wide Water Bodies	Future O&M Capital Program Projects: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Pump Station Modification/Repair : Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2018	9/30/2023	\$ -	\$ -	\$ 5,950,000	\$ 10,000,000	\$ 12,000,000	\$ 15,666,066	30%	0%	70%	0%	0%				
3	3.2.1	Future Structure & Bridge Modification and Repair Projects: Consists of refurbishment, repair or replacement that pertain to our C&SF Structures and Bridges.	SFWMD District Wide Water Bodies	Future O&M Capital Program Projects: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2016 SFER O&M Structure/Bridge Modification & Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2018	9/30/2023	\$ -	\$ -	\$ 5,144,000	\$ 10,000,000	\$ 15,000,000	\$ 15,000,000	30%	0%	70%	0%	0%				
3	3.2.1	BCB Level of Service Assessment (LOS)	Cocohatchee, Golden Gate Main, Henderson-Belle Meade and Faka Union Watersheds	The study will establish the level of flood protection provided by the existing infrastructure. The study will also establish the level of flood protection the existing infrastructure would provide in the future (2065). The study will focus on the functioning of the existing BCB water management infrastructure, i.e. the primary canals and structures. In BCB, the dominant issues affecting future design include canal network improvements, sea-level rise and future development. The project will identify and prioritize long-term infrastructure needs within the Big Cypress Basin. Project Benefit: The flood study involves a modeling effort that will evaluate the Cocohatchee, Golden Gate Main, Henderson-Belle Meade and Faka Union watersheds within the Big Cypress Basin.	2016 SFER Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/30/2015	10/1/2018	\$ 252,030	\$ -	\$ -	\$ -	\$ -	\$ -	30%	0%	70%	0%	0%				
3	3.2.1	C-51 Activities	C-51 Canal	Funding coming from FDEP for C-51 Activities. Funding coming from the 2016 Session. The Legislature appropriated these funds to FDEP. It is anticipated that these funds will be transferred to SFWMD as contractual details are resolved, subject to the District's Governing Board review.	TBD	TBD	TBD	TBD	TBD	10/1/2016	9/30/2016	\$ 2,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	25%	25%	25%	25%	0%				
3.2.1 O&M Capital Refurbishment Projects Total												\$ 53,997,034	\$ 55,094,343	\$ 52,380,736	\$ 58,136,859	\$ 50,900,919	\$ 50,221,649	27%	17%	54%	3%	0%				
PROGRAM SUBTOTAL												\$ 65,356,614	\$ 57,271,425	\$ 60,836,505	\$ 58,449,677	\$ 59,635,415	PROGRAM SUBTOTAL									
4.0 Regulation																										
PROGRAM SUBTOTAL												\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	PROGRAM SUBTOTAL								
5.0 Outreach																										



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PROJECT INFORMATION												PROJECTED BUDGET REQUEST						AREA OF RESPONSIBILITY					
State Program	Activity-Subactivity	Title	Water Body	Project Description	Planning Document	Intended Quantified Water Quality Benefits	Achieved Quantified Water Quality Benefits	Intended Quantified Water Supply Benefits	Achieved Quantified Water Supply Benefits	Begin Date	End Date	Budget Request for FY2016-17	FY2017-18	FY2018-19	FY2019-20	FY2020-21	FY2021-22	Water Supply	Water Quality	Flood Protect	Natural Systems	Mgmt. Svcs	
5	5.2.1	Comprehensive Water Conservation Program - Education & Public Info (In 5 Year Water Supply Plan this is combined with item with an item in State Subactivity with same name 2.4.1	Surface water and Aquifers	Education and marketing initiatives and public information and outreach for Great Water Odyssey (online teacher training program available to public elementary school teachers, home school teachers, privates school elementary teachers and others teaching within the SFWMD)	2017 Five-Year Water Resources Development (WRD) Work Program (WP).	N/A	N/A	Water not used is saved.	N/A	10/1/2016	9/30/2021	\$ 23,971	\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000	\$ -	100%	0%	0%	0%	0%	
5.2.1 Public Information												\$ 23,971	\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000	\$ -	28%	19%	51%	2%	0%	
PROGRAM SUBTOTAL												\$ 23,971	\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000	\$ -	PROGRAM SUBTOTAL					
6.0 District Management and Administration																							
PROGRAM SUBTOTAL												\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	PROGRAM SUBTOTAL					
GRAND TOTAL												\$ 367,676,054	\$ 351,614,778	\$ 320,201,769	\$ 289,720,275	\$ 211,291,482	\$ 173,896,579	GRAND TOTAL					

## VIII. APPENDICES

### D. Related Reports

The South Florida Environmental Report (SFER) is a major consolidation effort authorized by the Florida Legislature in 2005-36, Laws of Florida, and Subsection 373.036(7), Florida Statutes. The SFER for current and historical years are posted on the District's website at [www.sfwmd.gov/sfer](http://www.sfwmd.gov/sfer).

The following table includes the list of reports consolidated into the three-volume SFER (due annually on March 1) that are provided to the state and linked to the tentative budget submission.

PLAN / REPORT / ACTIVITY <sup>1</sup>	CONTACT	E-MAIL ADDRESS
<b>VOLUME I – THE SOUTH FLORIDA ENVIRONMENT</b>		
<b>South Florida Hydrology and Water Management - Volume I, Chapter 2</b> A water year review of the South Florida regional water management system along with the impacts from hydrologic variation.	Wossenu Abtew	<a href="mailto:wabtew@sfwmd.gov">wabtew@sfwmd.gov</a>
<b>Water Quality in the Everglades Protection Area - Volume I, Chapter 3A</b> Provides (1) an assessment of water quality within the Everglades Protection Area (EPA) for the water year, (2) numerous reporting requirements under the Everglades Forever Act (EFA), (3) a preliminary assessment of total phosphorus (TP) criterion achievement, and (4) an annual update of the comprehensive overview of nitrogen and phosphorus concentrations and loads throughout the EPA.	Paul Julian (FDEP)	<a href="mailto:Paul.Julian@dep.state.fl.us">Paul.Julian@dep.state.fl.us</a>
<b>Mercury and Sulfur Environmental Assessment for the Everglades - Volume I, Chapter 3B</b> Provides an assessment of sulfur and mercury status within the EPA and reporting requirements of the EFA.	Paul Julian (FDEP)	<a href="mailto:Paul.Julian@dep.state.fl.us">Paul.Julian@dep.state.fl.us</a>
<b>Nutrient Source Controls Programs in the Southern Everglades - Volume I, Chapter 4</b> A water year review of regional nutrient source control program status and related activities in major watersheds within the Southern Everglades.	Jeff Iudicello	<a href="mailto:jiudicel@sfwmd.gov">jiudicel@sfwmd.gov</a>
<b>Restoration Strategies – Design and Construction Status of Water Quality Improvement Projects - Volume I, Chapter 5A</b> Provides the status of the current Restoration Strategies projects for the water year, in accordance with the EFA and National Pollutant Discharge Elimination System (NPDES) permits and associated consent orders.	Jennifer Leeds	<a href="mailto:jleeds@sfwmd.gov">jleeds@sfwmd.gov</a>
<b>Performance and Operation of the Everglades Stormwater Treatment Areas - Volume I, Chapter 5B</b> Assessments of each Everglades Stormwater Treatment Area (STA) and individual flow-way treatment performance, information on STA operational status, maintenance activities and enhancements, and updates on applied scientific studies relevant to the STAs.	Kathy Pietro	<a href="mailto:kpietro@sfwmd.gov">kpietro@sfwmd.gov</a>

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PLAN / REPORT / ACTIVITY <sup>1</sup>	CONTACT	E-MAIL ADDRESS
<b>Update for the Restoration Strategies Science Plan - Volume I, Chapter 5C</b> Report on the Science Plan intended to integrate and synthesize information to effectively communicate scientific findings and understanding of the plan results to management and stakeholders; cover the progress of the Science Plan implementation; and incorporate the status and findings of research, monitoring, and modeling efforts outlined in the plan.	Larry Schwartz	<a href="mailto:lschwart@sfwmd.gov">lschwart@sfwmd.gov</a>
<b>Everglades Research and Evaluation - Volume I, Chapter 6</b> A summary of Everglades research and evaluation key findings during the water year, presented within five main fields: (1) hydrology, (2) wildlife ecology, (3) plant ecology, (4) ecosystem ecology, and (5) landscape.	Thomas Dreschel	<a href="mailto:tdresche@sfwmd.gov">tdresche@sfwmd.gov</a>
<b>Status of Nonindigenous Species - Volume I, Chapter 7</b> A water year status report on nonindigenous species programs that provides updates on priority invasive species, programmatic overviews of regional invasive species initiatives, and key issues linked to managing and preventing biological invasions in South Florida ecosystems.	LeRoy Rodgers	<a href="mailto:lrodders@sfwmd.gov">lrodders@sfwmd.gov</a>
<b>Northern Everglades and Estuaries Protection Program – Annual Progress Report - Volume I, Chapter 8A</b> In accordance with Section 373.4595, Florida Statutes (F.S.), this report presents the annual (water year) status and three-year evaluation for the Lake Okeechobee, Caloosahatchee River and St. Lucie River watershed protection plans under the Northern Everglades and Estuaries Protection Program (NEEPP).	Stacey Ollis	<a href="mailto:sollis@sfwmd.gov">sollis@sfwmd.gov</a>
<b>Lake Okeechobee Watershed Research and Water Quality Monitoring Results and Activities - Volume I, Chapter 8B</b> A water year status report of Lake Okeechobee Watershed's research and water quality monitoring programs as is required by NEEPP.	Joyce Zhang	<a href="mailto:jzhang@sfwmd.gov">jzhang@sfwmd.gov</a>
<b>St. Lucie and Caloosahatchee River Watershed Research and Water Quality Monitoring Results and Activities - Volume I, Chapter 8C</b> A water year status report of St. Lucie River and Caloosahatchee River research and water quality monitoring programs as is required by NEEPP.	Fawen Zheng	<a href="mailto:fzeng@sfwmd.gov">fzeng@sfwmd.gov</a>
<b>Kissimmee River Restoration and Basin Initiatives - Volume I, Chapter 9</b> A water year status report on activities within the Kissimmee River Basin that include ecosystem restoration, ecological data collection and evaluation, hydrologic modeling, and adaptive management of water and land resources.	Joseph Koebel	<a href="mailto:jkoebel@sfwmd.gov">jkoebel@sfwmd.gov</a>

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PLAN / REPORT / ACTIVITY <sup>1</sup>	CONTACT	E-MAIL ADDRESS
<b>Comprehensive Everglades Restoration Plan Annual Report – 470 Report - Volume I, Appendix 1-4</b> In accordance with Section 373.470(7), F.S., annual report provides required yearly CERP financial reporting and status of the CERP implementation.	Greg Rogers	<a href="mailto:grogers@sfwmd.gov">grogers@sfwmd.gov</a>
<b>Everglades Forever Act Annual Financial Report - Volume I, Appendix 1-5</b> Pursuant to Section 373.45926, F.S., as amended by Section 33 of Chapter 2011-34, annual report presents required yearly financial reporting on the Everglades Trust Fund and EFA implementation status.	Julie Maytok	<a href="mailto:jmaytok@sfwmd.gov">jmaytok@sfwmd.gov</a>
<b>VOLUME II – DISTRICT ANNUAL PLANS AND REPORTS</b>		
<b>Fiscal Year Fiscal and Performance Accountability Report - Volume II, Chapter 2</b> Implementation status report for the Strategic Plan and resulting Annual Work Plan, including activity summaries and success indicators for the District's programs and projects during the fiscal year.	Rich Sands	<a href="mailto:rsands@sfwmd.gov">rsands@sfwmd.gov</a>
<b>Priority Waterbodies List and Schedule - Volume II, Chapter 3</b> In accordance with Section 373.042, F.S., and Chapter 40E-8, F.A.C., annually identifies waterbodies for which minimum flows and levels (MFLs) and water reservations must be established or updated.	Toni Edwards	<a href="mailto:tedwards@sfwmd.gov">tedwards@sfwmd.gov</a>
<b>Five-Year Capital Improvements Plan - Volume II, Chapter 4</b> In accordance with Section 373.536, F.S., annual report of the District's capital projects, covering all the agency's programs; includes project-level detail and shows projected expenditures and corresponding funding sources for the five-year reporting period.	Julie Maytok	<a href="mailto:jmaytok@sfwmd.gov">jmaytok@sfwmd.gov</a>
<b>Five-Year Water Resource Development Work Program - Volume II, Chapter 5A</b> In accordance with Subparagraph 373.536(6)(a)4, F.S., the projected five-year period financial costs and water supply benefits for implementing the District's regional water supply plans, as well as status report of the water resource development efforts in the fiscal year.	Linda Hoppes	<a href="mailto:lhoppes@sfwmd.gov">lhoppes@sfwmd.gov</a>
<b>Alternative Water Supply Annual Report - Volume II, Chapter 5B</b> Pursuant to Section 373.707, F.S., annual report summarizing the alternative water supply projects funded by the District, including the quantity of water made available, agency funding, and total cost.	Stacey Adams	<a href="mailto:sadams@sfwmd.gov">sadams@sfwmd.gov</a>

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PLAN / REPORT / ACTIVITY <sup>1</sup>	CONTACT	E-MAIL ADDRESS
<b>Florida Forever Work Plan, Annual Update - Volume II, Chapter 6</b> As required by Section 373.199, F.S., annual report summarizing current projects eligible for funding under the Florida Forever Act, (Chapter 259.105, F.S.) as well as projects eligible for state acquisition monies from the appropriate account or trust fund under Section 373.139(3)(c), F.S., for land acquisition, water resource development, stormwater management, waterbody restoration, recreational facility construction, public access improvements, and invasive plant control.	Ray Palmer	<a href="mailto:rpalmer@sfwmd.gov">rpalmer@sfwmd.gov</a>
<b>Mitigation Donation Annual Report - Volume II, Chapter 7</b> In accordance with Subparagraph 373.414(1)(b)2, F.S., annual report provides a summary on endorsed mitigation projects, including the available mitigation reserves, expenditures, and a description of the restoration and management activities.	Robert Hopper	<a href="mailto:rhopper@sfwmd.gov">rhopper@sfwmd.gov</a>
<b>VOLUME III – ANNUAL PERMIT REPORTS</b>		
<b>Comprehensive Everglades Restoration Plan Regulation Act Projects - Volume III, Chapter 2</b> Annual report to comply with various reporting conditions required by permits issued by the Florida Department of Environmental Protection (FDEP) under Comprehensive Everglades Restoration Plan Regulation Act (CERPRA) projects for the water year.	Nirmala Jeyakumar	<a href="mailto:njeyaku@sfwmd.gov">njeyaku@sfwmd.gov</a>
<b>Everglades Forever Act Projects - Volume III, Chapter 3</b> Annual report to comply with various reporting conditions required by permits issued by FDEP under EFA projects for the water year.	Nirmala Jeyakumar	<a href="mailto:njeyaku@sfwmd.gov">njeyaku@sfwmd.gov</a>
<b>Northern Everglades and Estuaries Protection Program Projects - Volume III, Chapter 4</b> Annual report to comply with various reporting conditions required by permits issued by FDEP under NEEPP projects for the water year.	Nirmala Jeyakumar	<a href="mailto:njeyaku@sfwmd.gov">njeyaku@sfwmd.gov</a>
<b>Environmental Resource Permitting Projects - Volume III, Chapter 5</b> Annual report to comply with various reporting conditions required by permits issued by FDEP under Environmental Resource Permitting projects for the water year.	Nirmala Jeyakumar	<a href="mailto:njeyaku@sfwmd.gov">njeyaku@sfwmd.gov</a>

<sup>1</sup> Based on 2017 SFER chapter titles and content and 2017 SFER Lead Author List.

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### E. Outstanding Debt

At the end of Fiscal Year 2014-15 (September 30, 2015), the District's combined outstanding debt from bonds and COPs was \$473,645,000.

This amount consists of:

\$2,475,000	- Special Obligation Land Acquisition Refunding Bonds, Series 2002
\$4,230,000	- Special Obligation Land Acquisition Refunding Bonds, Series 2003
\$466,940,000	- Certificates of Participation

The District financed the acquisition of environmentally sensitive lands with funding from the Special Obligation Land Acquisition Bonds. In Fiscal Year 2001-02 and Fiscal Year 2002-03 the District refunded outstanding series 1996 and 1993 Special Obligation Land Acquisition Bonds. The outstanding principal on these bonds totaled \$6,705,000 at the end of Fiscal Year 2014-15 and the final payment was made in October of Fiscal Year 2015-16.

In November 2006, the District issued \$546.1 million in Certificates of Participation to fund the construction of Everglades Restoration projects. The outstanding balance at the end of Fiscal Year 2014-15 was \$466,940,000. The refunded principal in 2016 is \$385,425,000.

Impact on Current Operating Budget						
	Original Issue Amount	Outstanding @ 9/30/2015	Maturity	Principal due FY2016	Interest due FY 2016	Total Requirement
COPs	\$546,120,000	\$466,940,000	2037	\$12,165,000	\$23,000,372	\$35,165,372
2002 Refunding	\$23,810,000	\$2,475,000	2016	\$2,475,000	\$49,500	\$2,524,500
2003 Refunding	34,550,000	4,230,000	2016	4,230,000	111,038	4,341,038
	58,360,000	6,705,000		6,705,000	160,538	6,865,538
<b>Total:</b>	<b>\$604,480,000</b>	<b>\$473,645,000</b>		<b>\$18,870,000</b>	<b>\$23,160,910</b>	<b>\$42,030,910</b>
<b>Future Debt Service Requirements on Existing Debt:</b>						
	Fiscal Year	Principal	Interest	Total Requirements		
COPs:						
	2017	\$13,065,775	\$18,963,750	\$32,029,525		
	2018	11,740,000	18,670,250	30,410,250		
	2019	12,325,000	18,068,625	30,393,625		
	2020-2024	71,465,000	80,216,625	151,681,625		
	2025-2029	91,115,000	59,989,875	151,104,875		
	2030-2034	115,365,000	35,019,875	150,384,875		
	2035-2037	83,415,000	6,391,125	89,806,125		
<b>Grand Total:</b>		<b>\$398,490,775</b>	<b>\$237,320,125</b>	<b>\$635,810,900</b>		

The COPs debt was refunded in 2016 and the future debt service amounts detailed above reflect the refunded debt except for \$13,065,775 principal in 2017 which was not refunded.

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### F. Alternative Water Supply Funding (Water Protection and Sustainability Programs)

Currently, no alternative water supply projects have been selected or approved for Fiscal

#### Year 2016-17. **Status of Fiscal Year 2015-16 and 2016-17 Funded Projects**

Two Fiscal Year 2015-16 projects are scheduled for completion on or before September 30, 2016.

- City of Naples Reclaimed Water System Expansion
- City of Naples ASR Well #4

The Fiscal Year 2016-17 projects are anticipated to be selected at the September 8, 2016 Governing Board meeting and project completion would be on or before September 30, 2018.

The Alternative Water Supply Funding Program is part of the Cooperative Funding Program (CFP) which includes two other District cooperative funding efforts intended to provide financial incentives to promote local projects that complement ongoing regional restoration, flood control, water quality and water supply efforts within the District's 16-county region. The Fiscal Year 2016-17 tentative budget includes \$5.0 million in funds that have not yet been allocated to specific projects. Big Cypress Basin has funded one local AWS project – City of Naples Reclaimed System Expansion Phase 5 - in the amount of \$738,600. Since Fiscal Year 2009, no State funding has been budgeted for alternative water supply projects through the Water Protection and Sustainability Trust Fund.

#### **Fiscal Year 2016-17 Funding**

<b>District</b>	
AWS Projects – District-wide	\$TBD
<b><i>District Total</i></b>	<b>\$TBD</b>
<b>State Funds</b>	
	\$0
<b><i>State Total</i></b>	<b>\$0</b>
<b>Total Funding</b>	<b>\$0</b>

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### G. Consistency Issues Fiscal Year 2012-13

Vehicle Maintenance Standards: Report on the development of baseline vehicle maintenance data and the use of this data to determine a cost effective vehicle replacement standard.

The Florida Department of Management Services (DMS) has developed Minimum Equipment Replacement Criteria. For cars and pickup trucks, a Replacement Eligibility Factor (REF) is determined by considering the age of the vehicle, mileage, condition, lifetime maintenance costs, downtime, most recent annual maintenance cost and cost per mile. For trucks, tractors, mowers, trailers, and other equipment, a miles-per-hour or age threshold is established. If an asset exceeds the REF or replacement threshold, it is eligible for replacement.

The Water Management Districts evaluated their fleet and equipment replacement policies, compared them to the state's criteria and adopted the state's minimum equipment replacement criteria (floor) or established criteria greater than the state.

#### Water Management Districts Minimum Replacement Criteria

	State	Northwest	St. Johns River	South Florida	Southwest Florida	Suwannee River
<b>DROPDEAD AGE</b>						
Gas	12	12	12	12	10	12
Diesel		6	---	15	10	---
<b>DROPDEAD MILES</b>						
Gas	120,000	150,000	120,000	180,000	150,000	120,000
Diesel	---	250,000	150,000	250,000	150,000	---
<sup>3</sup> / <sub>4</sub> Ton & 1 Ton Truck	150,000	175,000				

The South Florida Water Management District instituted the minimum replacement standards set forth by the DMS.

Structure and Staff Nomenclature: Report of the progress of the development of a standardized classification for non-managerial positions.

Prior to 2011, no state standard existed for the structure and staff nomenclature for the Water Management Districts. In 2011, the Water Management Districts began developing consistent standards for the classification and nomenclature of staff positions. In Fiscal Year 2011-12, the Water Management Districts focused on management level positions. The districts agreed to a five level classification for management, as stated below:

- Level 1 – Executive Director
- Level 2 – Assistant Executive Director
- Level 3 – Division Director or Office Director



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Level 4 – Bureau Chief or Office Chief

Level 5 – Section Administrator or Manager

In Fiscal Year 2012-13, the districts expanded their work in the development of standardized classification to non-managerial positions. It was determined that a tiered approach would best enable the districts to achieve consistency while maintaining the appropriate staff necessary to support the core missions of the districts. The districts were grouped into the following tiers based on size, scope, and programs of each district:

Tier 1 - South Florida

Tier 2 - Southwest Florida and St. Johns

Tier 3 - Northwest and Suwannee

The Tier 1 district continues to evaluate its pay grades, job titles and pay rates in comparison to other Water Management Districts to determine where it can establish commonalities. The Tier 2 and Tier 3 districts have all adopted common pay grades, which facilitates the development of a standard classification system for all positions. The Tier 2 districts have evaluated their job classifications to determine which positions could be classified in a common pay grade. To date, the Tier 2 districts have achieved pay grade consistency for approximately 50 existing jobs, particularly jobs in information technology, engineering and science.

The districts will continue to review job classifications and adopt consistent classifications where possible.

*Staff Levels/ Reorganization: Develop a method of regularly evaluating staffing levels to ensure that staffing is consistent with programmatic needs.*

Each Water Management District continues to evaluate its organizational structure and staffing levels as it focuses on core missions and improving efficiency / reducing costs. For Fiscal Year 2014-15, SFWMD's management review of organizational structure and processes resulted in a reduction of 58 positions from Fiscal Year 2013-14. For Fiscal Year 2016-17, holding authorized FTEs at 1475 has resulted in additional cost savings.

*Salary Range: Evaluate the common pay plan set for finalization in October 2012 between the NFWMD, SJRWMD, SRWMD, and SWFWMD, and then compare it to that of the SFWMD to determine whether a common plan is a feasible option for all Districts.*

SJRWMD, SWFWMD, NFWMD and SRWMD implemented a common pay plan. South Florida Water Management District determined that implementing a common pay plan would result in significant adverse impact to 38 percent of the District's workforce unless pay ranges are widened. Additionally, there are a number of positions that are unique to the services provided by SFWMD, such as flood control and Everglades Restoration. SFWMD continues to evaluate pay grades, titles and rates to determine where it can establish commonalities.

*Health Insurance:*

The Water Management Districts continue to explore options individually, as well as, collectively to standardize benefits and control health insurance costs for both the employee and employer.

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*Retiree Health Subsidies: Districts will report on the progress of their phase out plans and conversions to a standard retiree health subsidy identical with the state's.*

Historically, SFWMD, SWFWMD, NFWMD and SJRWMD provided health insurance subsidies to retirees. Each of these districts developed a phase out plan. SRWMD did not provide this benefit.

SFWMD has implemented a plan to phase out the program by:

- Closing the program to new enrollees
- Ending healthcare subsidy when retirees are Medicare eligible

### *Metrics*

The reporting of Water Management District metrics began in Fiscal Year 2011-12. This information is used to assess the effectiveness of the districts' work processes, such as consumptive use and environmental resource permitting, and to gauge progress toward district goals, such as meeting future water supply needs and protecting natural systems. Since Fiscal Year 2011-12, the number of individual metrics has been reduced from 83 to 44, to focus on those metrics most useful for performance evaluation. Currently, 17 metrics are reported quarterly, and the remaining 27 are reported annually at the end of each fiscal year.

*Contract and Lease Renewals: Report on progress of price concessions from vendors.*

Governor Scott has asked each state agency falling under his purview to examine their existing contracts and seek price concessions from their vendors. Each Water Management District is encouraged, regarding contracts or lease agreements, to seek these same price concessions from their vendors for existing contracts. When considering lease agreements, office space should be utilized in the most efficient manner possible with a focus on saving taxpayer dollars.

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### H. Ongoing Cost Savings and Efficiencies

The District continues to evaluate programs to increase efficiency and effectiveness and maximize the amount of funds spent on protecting and improving the state of Florida's water resources.

#### 1.0 Water Resources Planning and Monitoring

- The installation of an autosampler without a platform resulted in a cost saving when staff devised a unique way to locate the sampler on an existing structure.

#### 3.0 Operation and Maintenance of Lands and Works

- Refurbishing water control gates for other water management districts has reduced per unit shop costs and increased revenue by \$214,200.
- Maintenance schedules and cycles are being evaluated for transitioning to metrics and risk-based maintenance rather than strictly following manufacturer recommended cycles.
- Maximized use of alternative sources such as lease revenue and mitigation funding for land management as a replacement for ad valorem funds.
- District's motor pool will be reduced by 40 vehicles and 10 airboats, resulting in a cost savings of \$1.6M associated with the maintenance of aging vehicles.
- Established an agreement with Palm Beach Sheriff's office to use their fuel facilities to save on fuel costs versus commercial gas stations.
- Evaluating co-locating Service Center facilities in Orlando and Okeechobee with existing Field Station facilities, which would result in savings of \$350K in lease costs.
- Prescribe burned 17,316 acres of fire dependent plant communities which exceeds the annual goal of 16,000 acres prescribe burned by 8%.
- Expanded participation in the District's volunteer program to include 14,948 hours of volunteer time performing functions such as trail and facility maintenance, water-way clean-ups, campground host activities, and providing environmental education programs. These services resulted in a saving of \$330,052 based on the standard volunteer rate of \$22.08 per hour.

#### 4.0 Regulation

- Electronic submittals increased from 71% to 77% of all application submittals. Outreach efforts continued to promote the use of ePermitting utilizing mail, email, phone, webinar and face to face meetings. Training is provided to the Regulated Community and internal staff to increase skill level and familiarity with ePermitting with increasing use of live training via the web.
- Continued to work with applicants in the pre-application and pre-submittal phases of the permitting process in an effort to reduce the number of request for additional information (RAI) letters and the overall length of time a permit application is in-house prior to final action. This effort has resulted in a reduction in the number of RAI's needed.
- Established a Public Water Supply Task Force where client relationship managers have been assigned to utilities in various geographic areas. These employees are building relationships by working very closely with the utility to get them fully in compliance in a

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positive and collaborative manner. The level of Public Water Supply utility compliance continues to increase since implementation of this effort.

- Continued to work with permittees to train them on the use of ePermitting for compliance submittals. The number of water use compliance submittals submitted through ePermitting continues to increase since implementation of this effort.
- Completed Regulatory Application Backlog that consisted of digitizing over 24,000 historical applications. This was done by using college interns at no cost.

### 6.0 District Management and Administration

- Advance refunded the District's Series 2006 COPs by issuing the Series 2015 Refunding COPs. This transaction resulted in a \$98.9 million saving over the remaining life of the debt.
- Reduced the Fiscal Year 2016-2017 Information Technology budget by \$402,348 by eliminating contractors and software maintenance.
- Saved \$250K in Fiscal Year 2015-2016 by canceling support for products with low/no usage, reducing the number of licenses and decreasing levels of support based on trend.
- Received a total of \$74,854 in rebates:
  - Bank of America - \$71,782
  - Staples - \$1,389
  - Home Depot - \$1,683
- Total negotiated cost savings and cost avoidance year to date: \$4,925,190
  - Significant construction cost avoidance:
    - Lakeside Ranch - \$2, 621, 932
    - STA 1W Expansion #1 - \$446,000
    - C-139 Annex Restoration - \$719,000
    - Southern Corkscrew Regional Watershed - \$ 619,068
- Continuing work on the District's paperless work initiative. All cash receipt processes have been made paperless. Check copies are now stored in Documentum.
- Four electronics shelters in the central area of the District have been replaced with the new District standard structures: Acme, S-5A, West Palm Beach Field Station, and Clewiston Field Station microwave sites. IT removed the microwave radios and all ancillary equipment from the old buildings and moved them into new larger buildings, utilizing District resources to facilitate the move, saving thousands in contractor costs.
- Developed an automated five-year healthcare claims budget forecasting tool that uses Federal inflationary CPI forecasts and historical SFWMD healthcare expenditure trend statistics.
- Developed training material for both classroom and desk side training sessions for new project managers. These educational tools have greatly increased the quality of the data being collected by the SAP Project System application as the system of record for project expenditures and manpower requirements.

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- Reviewed all the SAP Business Warehouse reports and developed a process to utilize the existing report to provide meaningful health care data. Reports that originally took months to produce are now provided in 1-2 days. New reports such as the Monthly Claims Fee Report, Retiree 2% Credit, Retiree Subsidy and the forecasted Membership revenue based on District membership by category are now available to enhance the management decision process.
- With an agreement between the USACE and SFWMD that fleet vehicle usage records can be included in the cost share expenditure calculations for certain CERP projects, a process is underway to take creditable fleet vehicle usage expense collection from a manual process into a fully automated process.
- The District's disaster recovery site moved to co-locate with SWFWMD in Tampa, saving \$250K.
- Available space in Fort Myers Service Center is being leased to the Edison & Ford Winter Estates resulting in more than \$100K in revenue.
- Available space at District headquarters is being leased to DEP resulting in more than \$300K in revenue.
- Available space at District headquarters will be leased to the Palm Beach County Sheriff's Office starting in Fiscal Year 2016-2017, resulting in annual revenue of \$360K.
- Property, crime, and boiler machinery insurance premium reductions due to a change in deductibles - \$46,000 cost avoidance.
- Reducing the number of pre-employment physicals by only requiring physicals for specified labor forces - savings of \$14K.
- Cell phone stipends are being used instead of District-issued phones.

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## **South Florida Water Management District**

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