SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Fiscal Year 2019 - 2020

Tentative Budget Submission

August 1, 2019

Pursuant to Section 373.536, Florida Statutes

Large white ibis nesting colony in the Everglades

sfwmd.gov

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

July 31, 2019

The Honorable Ron DeSantis
The Capitol
Tallahassee, Florida 32399-0001

The Honorable Bill Galvano
President of the Senate
409 The Capitol
Tallahassee, FL 32399-1100

The Honorable Jose R. Oliva
Speaker of the House of Representatives
420 The Capitol
Tallahassee, FL 32399-1300

Subject: South Florida Water Management District Tentative Budget Submission for Fiscal Year 2019-20

Dear Governor DeSantis, President Galvano and Speaker Oliva:

The South Florida Water Management District Governing Board respectfully submits its Tentative Budget for Fiscal Year 2019-20 pursuant to Section 373.536, Florida Statutes. This Tentative Budget supports Governor DeSantis' Executive Order 19-12 to do more now for Florida's environment.

With historic and generous support from State leadership during the 2019 legislative session, the Tentative Fiscal Year 2019-20 Budget of $941.9 million allows the South Florida Water Management District (District) to expedite progress on critical Everglades restoration and water quality projects throughout South Florida while ensuring the District continues to deliver on its mission for 8.7 million residents and tens of millions of visitors. Without raising taxes on South Florida families, the Fiscal Year 2019-20 Tentative Budget supports the agency's mission: ***"To safeguard and restore South Florida's water resources and ecosystems, protect our communities from flooding, and meet the region's water needs while connecting with the public and stakeholders."*** This is accomplished through mission-critical functions including:

- Refurbishing, replacing, improving and managing the components of our water management system;
- Meeting the water needs of the environment and preparing for current and future demands of water users;
- Expediting critical Everglades restoration projects; and
- Ensuring South Florida's taxpayers receive efficient and effective customer service.

The agency's work is accomplished with the partnering of multiple funding sources including ad valorem property taxes, state appropriations, federal and local sources, reserve balances, fees, investment earnings and agricultural privilege taxes. The Fiscal Year 2019-20 Tentative Budget contains more than $378 million in new state revenues from the Florida Legislature's 2019 legislative session**, an increase of over $130 million**. This historic investment illustrates to the citizens of South Florida the dedication to make Everglades restoration a priority for the State of Florida.

Through efficient oversight of operating costs, administrative overhead and non-mission related projects, the District has ensured that its fiscal resources for Fiscal Year 2019-20 support its mission-critical functions.

Fiscal Year 2019-2020 Budget Highlights

The Governing Board has dedicated over **88 percent** of the Fiscal Year 2019-20 tentative budget to the advancement of ecosystem restoration projects in support of water quality goals throughout South Florida and America's beautiful Everglades in addition to operations and maintenance of water management infrastructure of one of the largest water management systems in the world.

The Tentative Budget supports implementing priority projects in support of Governor DeSantis' Executive Order 19-12. To keep the public informed of these important projects, the District created a special webpage at SFWMD.gov/AchieveMoreNow where the public can monitor the progress of these important projects. Some of the major projects in the Fiscal Year 2019-20 include:

- **Over $380 million** to continue the Comprehensive Everglades Restoration Plan (CERP) for projects such as Everglades Agricultural Area (EAA) Storage Reservoir Conveyance Improvements and Stormwater Treatment Area (STA), Caloosahatchee C-43 Western Basin Storage Reservoir, Indian River Lagoon C-44 STA, Central Everglades S-333N and Old Tamiami Trail Removal, Biscayne Bay Coastal Wetlands L-31E Component and Lake Okeechobee Watershed; and
- **Over $40 million** for Northern Everglades & Estuaries Protection Program (NEEPP) including such projects as Dispersed Water Management, Lakeside Ranch Phase II, Nubbin Slough STA, Lake Hicpochee Restoration and C-43 Water Quality Study; and
- **Over $51 million** for Restoration Strategies including such projects as Bolles Canal Hydrologic conveyance improvements construction; Stormwater Treatment Area (STA) 1 West Expansion 2, C-139 Flow Equalization Basins (FEB) and STA 5/6 Internal Improvements; and
- **Over $19 million** for C-139 Annex Wetland Restoration – Phase II.

Additionally, significant investment of funding in support of South Florida's extensive flood protection system including:

- **Over $60 million** for required maintenance, refurbishment and repair of South Florida's flood protection system;
- **Over $100 million** for ongoing operations and maintenance and harmful exotic species control of the Central and Southern Florida Project (C&SF), Big Cypress Basin and Storm Water Treatment Areas;
- **$61 million** for hurricane/tropical weather impacts or unanticipated flood protection emergencies.

Public hearings are scheduled for 5:15 p.m. on September 12, 2019, to adopt tentative millage rates and budget, and on September 24, 2019, to adopt final millage rates and budget. The preliminary and tentative budgets are available on the District's website at sfwmd.gov.

Our Governing Board continues its commitment to increase transparency, accountability and fiscal discipline while maintaining the necessary public service needed to protect and improve South Florida's water resources. Thank you for taking the time to review our budget, and please feel free to contact me if you have any questions about the South Florida Water Management District's Tentative Budget Submission for Fiscal Year 2019-20.

Thank you,

Drew Bartlett
Executive Director

Enclosure

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I. FOREWORD

This Tentative Budget report has been prepared to satisfy the requirements Section 373.536, Florida Statutes (F.S.), which authorizes the Executive Office of the Governor (EOG) to approve or disapprove water management district (WMD) budgets, in whole or in part, and ensures the fiscal accountability of the water management districts. Section 373.536, F.S., also directs the WMDs to submit the Tentative Budget and a description of any significant changes from the Preliminary Budget by August 1 in a standard format prescribed by the EOG. The content and format of this report were developed collaboratively by the staffs of the EOG, Senate, House of Representatives, Department of Environmental Protection (DEP), and all five WMDs. The report's standardized format utilizes six statutorily-identified District program areas listed below.

- Water Resources Planning and Monitoring
- Land Acquisition, Restoration, and Public Works
- Operation and Maintenance of Lands and Works
- Regulation
- Outreach
- District Management and Administration

In compliance with statutory requirements, on July 11th, the Budget Officer of the District submitted to the Governing Board for consideration this Tentative Budget covering the District's proposed operations and funding requirements for the ensuing fiscal year. The District now submits this August 1 Tentative Budget and a description of any significant changes from the Preliminary Budget for review by the Governor, the President of the Senate, the Speaker of the House of Representatives, the Legislative Budget Commission, the chairs of all legislative committees and subcommittees having substantive or fiscal jurisdiction over water management districts as determined by the President of the Senate or the Speaker of the House of Representatives, as applicable, the Secretary of DEP, 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 2019-20 Tentative Budget is scheduled for two public hearings before final adoption. The first hearing will take place on September 12, 2019, and the final hearing will take place on September 24, 2019. 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 24, 2019, on the District's website: sfwmd.gov.

Standardized definitions and acronyms that may help the reader in reviewing this document have been provided on the Department of Environmental Protection's website at https://floridadep.gov/water-policy/water-policy/documents/wmd-budget-definitions-and-acronyms.

II. INTRODUCTION

A. History of All Water Management Districts

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 reflected the philosophy that land use, growth management and water management should be joined.

Florida's institutional arrangement for water management is unique. The Florida Water Resources Act of 1972 (WRA) (Chapter 373, F.S.) 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. Today, however, the responsibilities of all five districts encompass four broad categories: water supply (including water allocation and conservation), water quality, flood protection and floodplain management, and natural systems.

The five regional water management districts, established by the Legislature and recognized in the Florida 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 constitutional amendment passed by Floridians in 1976. The water management districts are governed regionally by boards appointed by the Governor and confirmed by the Senate. There is also general oversight at the state level by the Department of Environmental Protection.

In Florida, water is a resource of the state, owned by no one individual, with the use of water overseen by water management districts acting in the public interest. Florida law recognizes the importance of balancing human needs for water with those of Florida's natural systems.

Each of Florida's five water management districts has a history that cannot be completely detailed here. 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 that 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 Corp 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. After the Florida Water Resources Act of 1972 greatly expanded the responsibilities of the existing FCD, it was renamed the South Florida Water Management District in 1976, and new boundaries were drawn to encompass the region's primary water sheds.

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Together, these unique organizations work with state agencies and local governments to ensure there are adequate water supplies to meet growing demands while: protecting and restoring the water resources of the state; addressing water quality issues; protecting natural systems in Florida through land acquisition, land management, and ecosystem restoration; and promoting flood protection. For additional information, interested readers should review the districts' websites and contact officials at each District. The South Florida Water Management District's website is sfwmd.gov.

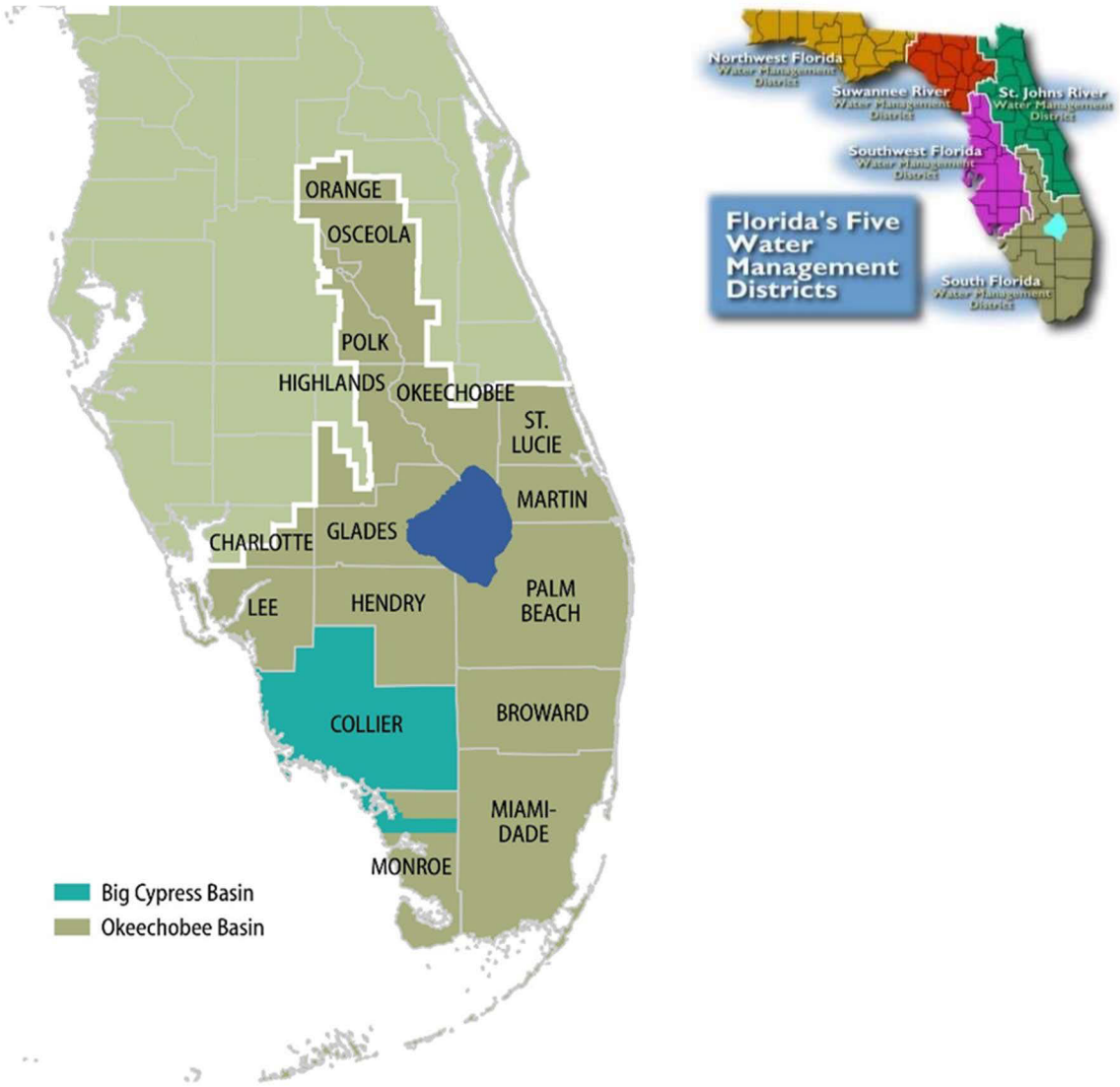
II. INTRODUCTION

B. Overview of the District

The South Florida Water Management District includes about 30 percent of the state's total area, 18,000 square-miles, serving and protecting 8.7 million people. The District encompasses all or part* of the 16 counties, spanning from Orlando to Key West including:

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

Figure 1. District Map



II. INTRODUCTION

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 Okeechobee Basin includes 15 of the 16 counties. The Okeechobee Basin excludes Collier County and a small portion of mainland Monroe County.

The Big Cypress Basin includes all of Collier County and a small portion of mainland Monroe County, 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 cooperation with Collier County and other local governments on water resource, water resource development, and alternative water supply issues.

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.

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 mainland 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.

General Responsibilities

The District's responsibilities have expanded significantly since 1949 when it was originally created by the legislature as the Central and Southern Florida Flood Control District tasked with providing flood control at the core of its mission. The District now 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.

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To meet these core mission responsibilities, the District's proposed staffing for the Fiscal Year 2019-20 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 provide the public more direct and responsive access to permitting and other agency functions. These facilities include eight field stations located in Big Cypress Basin (Naples), Clewiston, Fort Lauderdale, Homestead, Miami, Okeechobee, St. Cloud, and West Palm Beach and four service centers located in Big Cypress Basin (Naples), Fort Myers, Okeechobee, and Orlando. The District's central headquarters are located in West Palm Beach. The District's annual budget is funded predominantly by state sources and property taxes as well as federal and local revenue, licenses, permit fees, grants, investment earnings, and reserve balances.

The District's major responsibilities are highlighted below:

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 as directed by the USACE Regulation Schedule. Activities include the operation and maintenance of a multi-purpose water management system comprising of approximately 2,200 miles of canals and 2,100 miles of levees/berms, 84 pumping stations, 778 water control structures and weirs, and 621 project culverts, which send water south and through waterways eastward and westward to both coasts.

Regulatory

The District has a number of regulatory programs designed to manage and protect regional water resources, including wetlands, rivers, lakes, estuaries, and groundwater supplies. The South Florida Water Management District's responsibilities are shared with the DEP and other state and local governments.

The types of permits issued by the District are listed below.

- **Environmental Resource Permits (ERPs)** regulate certain land use or construction activities that could affect wetlands or alter surface water flows that can contribute to water pollution. The District regulates residential and commercial developments, roadway construction and agriculture while the DEP regulates power plants, ports, wastewater treatment plants and single-family home projects.

  An ERP covers activities such as dredging and filling in wetlands or surface waters, constructing flood protection facilities, providing storm water containment and treatment, site grading, building dams or reservoirs and other activities affecting state waters.

- **Everglades Works of the District (EWOD) Permits** are required of landowners or entities within or discharging to drainage basins in the Everglades Agricultural Area (EAA) or C-139 Basin to reduce phosphorus flowing from the EAA or C-139 Basin into the Everglades. An EWOD 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.

- **Consumptive Water Use Permits** allow the holder to withdraw a specified amount of water, either from the ground (aquifers), or a canal, lake or river (surface waters). These water use permits are typically used for public supply, agricultural and nursery plant irrigation, golf course irrigation, commercial use, dewatering/mining activities and power generation. Water uses not covered by these permits include domestic uses, home irrigation and water used for fire fighting.

- **Well Construction Permits** ensure that wells are built by licensed water well contractors and conform to water well construction permit standards. Unless exempt, a well construction permit must be obtained from the District or an agency delegated by the District prior to the construction, repair, modification or abandonment of any water well, test well or monitor well within the District's jurisdiction. A consumptive use permit may be required before the well construction permit can be issued. The District regulates the location, construction, repair, and abandonment of water wells in Monroe and Charlotte Counties, and for wells larger than 12 inches in diameter in Broward County. The District has delegated the location construction, repair, and abandonment of water wells in its remaining counties to their respective health departments or other delegated agencies. The dates when these agreements were signed between the District and the Health Departments are listed in Chapter 40E-3 and provided below.
    - Hendry and Osceola – April 18, 2005
    - Collier, Glades, Orange, Palm Beach, Polk – May 11, 2005
    - Broward – June 8, 2005
    - Miami-Dade – June 10, 2005
    - City of Cape Coral – August 10, 2005
    - Lee – September 13, 2005
    - Highlands, Okeechobee, Martin, St. Lucie – May 13, 2010
- **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 Lake Okeechobee and 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, three backfilling phases are now complete, and continuous water flow has been re-established to 24 miles of the meandering Kissimmee River.

Lake Okeechobee—meaning "big water" in the Seminole Indian language—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, finally, into Florida Bay. Lake Okeechobee restoration efforts are underway pursuant to the Northern Everglades and Estuaries Protection Program, under which the Lake Okeechobee Protection Program was expanded to strengthen protection for the Northern Everglades, restoring and preserving the Lake Okeechobee watershed and 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 DEP, 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.

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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 Management Plan.

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 Basin Storage Reservoir, Biscayne Bay Coastal Wetlands, Broward County Water Preserve Areas, and C-111 Spreader Canal Western Project.

In the Water Resources Development Act of 2016 (WRDA 2016), Congress authorized the Central Everglades Planning Project. This project implements 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 Water Conservation Area 3, Everglades National Park and Florida Bay, with ancillary benefits to the St. Lucie and Caloosahatchee estuaries, while increasing water supply for municipal and agricultural users while maintaining flood protection. In the Water Resources Development Act of 2018 (WRDA 2018), Congress authorized the EAA Reservoir.

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 Subsection 373.026(8)(b), F.S., the DEP 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.). As required by the NEEPP, the coordinating agencies, comprising the District, DEP, and the Florida Department of Agriculture and Consumer Services (FDACS), developed Watershed

II. INTRODUCTION

Protection Plans for the Lake Okeechobee, St. Lucie River, and Caloosahatchee River 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 DEP, while storage targets are aimed at achieving appropriate water levels in Lake Okeechobee and target salinities within the estuaries. The coordinating agencies last updated the Lake Okeechobee Protection Plan in 2014, and the St. Lucie and the Caloosahatchee River Watershed Protection Plans in 2015.

In recent years, DEP adopted the Basin Management Action Plans (BMAPs) for Lake Okeechobee (2014), St. Lucie Estuary (2013), and Caloosahatchee Estuary (2012), which are designed to implement nutrient reductions established by the TMDLs for these Northern Everglades basins. During the 2016 legislative session, the Florida legislature amended NEEPP to strengthen provisions for implementing the respective BMAPs and further clarify the roles and responsibilities, coordination, implementation, and reporting efforts among the coordinating agencies. In accordance with the current NEEPP legislation, DEP takes the lead on water quality protection measures through BMAPs adopted pursuant to Section 403.067, F.S.; the District takes the lead on hydrologic improvements pursuant to the Watershed Protection Plans; and FDACS takes the lead on agricultural interim measures, BMPs, and other measures adopted pursuant to Section 403.067, F.S. DEP has published the Florida Statewide Annual Report on Total Maximum Daily Loads, Basin Management Action Plans, Minimum Flows or Minimum Water Levels and Recovery or Prevention Strategies on its website pursuant to Section 403.0675, F.S. This report, published by July 1 each year beginning in 2018, includes the status of protection and restoration actions through total maximum daily loads, basin management action plans, minimum flows or minimum water levels and recovery or prevention strategies. Visit www.floridadep.gov/star for more information.

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, construct and operate 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 were originally planned to consist 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 DEP 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 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. The L-8 FEB was complete in 2017 and is operating. The first phase of the STA-1W Expansion (4,300 acres of effective treatment area) was substantially completed in December 2018. The second phase of the STA-1W Expansion is currently being designed, all land acquisition for the expansion has been acquired. Three conveyance improvement projects have been completed to date: S-5AS Structure Modifications were completed in May 2016, the L-8 Divide Structure (G-541) was completed in July 2016, and the S-375 Expansion (G-716) was completed in April 2017. Construction of the Bolles East Canal component of the G-341 Related Conveyance Improvements is currently underway, and survey work to support the design of the remaining conveyance components is ongoing. Design of STA-1E Repairs and Modifications is ongoing.

- 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 attenuates 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 additional 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. Design activities for the C-139 FEB started in 2018 and construction is scheduled for completion by 2023. STA-5/6 internal improvements are ongoing with district resources at significant cost savings and expected to be completed by December 2020.

Water Supply

The District encompasses nearly 18,000 square miles divided into five distinct planning regions: Upper Kissimmee (now made part of the Central Florida Water Initiative planning area), 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 and plant control.

II. INTRODUCTION

C. Mission and Guiding Principles of the District

The Governing Board has adopted the following Mission Statement and has made it an integral part of its overall strategic budget philosophy and structure:

The Mission of the South Florida Water Management District is to safeguard and restore South Florida's water resources and ecosystems, protect our communities from flooding, and meet the region's water needs while connecting with the public and stakeholders.

To guide the agency in meeting its mission-critical responsibilities, strategic priorities include:

Flood Control – Ensuring and managing water flow through the strategic priority: Refurbishing, replacing, improving and managing our regional water management system by:

- Implementing flood control infrastructure refurbishment projects,
- Incorporating new works into water management system operations,
- Operating the water management system to meet flood control and water supply needs,
- Coordinating with the U.S. Army Corps of Engineers on infrastructure inspections and results,
- Coordinating with state/federal partners and assisting local governments to determine level of flood protection, and
- Optimizing infrastructure maintenance by adhering to, or exceeding, industry standards and best practices.

Water Supply – Safeguarding and expanding water resources through the strategic priority: Meeting the water needs of the environment and preparing for current and future demands of water users by:

- Encouraging development of alternative water supply projects to diversify water supply,
- Developing and implementing regional water supply plans in coordination with local governments and the public,
- Promoting water conservation measures,
- Utilizing regulatory permitting and compliance authority, and
- Using water reservation and minimum flow & minimum water level authorities to protect water for natural systems.

Natural Systems / Restoration – Protecting and restoring ecosystems through the strategic priority: Expediting critical Everglades restoration projects by:

- Completing and implementing ongoing and new restoration projects,
- Maximizing use of available water storage features,
- Implementing solutions to improve water quality treatment, reduce nutrient loads and reduce the occurrence of harmful algae blooms,
- Managing invasive exotic and nuisance vegetation on District lands, and
- Increasing access and recreational opportunities on public lands.

In addition to the four Areas of Responsibility (AORs), described above, the District has an additional strategic priority:

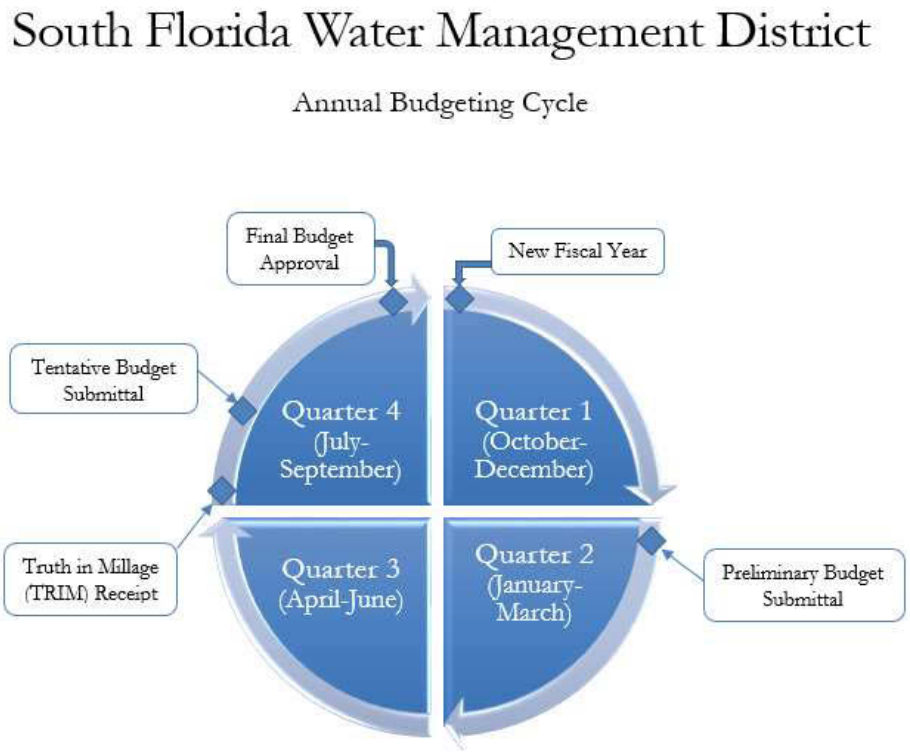
Mission Support – Delivering efficient and cost-effective services through the strategic priority: Ensuring South Florida taxpayers receive efficient and effective customer service by:

- Focusing resources on core functions, minimizing administrative costs and measuring performance,
- Ensuring accountability, transparency and public involvement in agency decisions, and
- Employing and developing a high-quality, diverse workforce.

II. INTRODUCTION

D. Development of the District Budget

This District's fiscal year runs from October 1 through September 30. The budget development process takes place throughout the fiscal year with guidance from the Governing Board. All meetings of the Governing Board, its committees and subcommittees are advertised to provide the public with an opportunity to discuss issues and concerns prior to the adoption of the budget. The chart below shows the cyclical nature of this process.



Prior to adoption of the final budget and in compliance with Section 200.065, F.S., the District will advise all county property appraisers within its jurisdiction, as required by the Truth in Millage (TRIM) process, of the proposed millage rates for Fiscal Year 2019-20, as well as the rolled-back rates and the date, time, and location of the public hearing on the matter.

The District will hold two TRIM public hearings in September. The first public hearing will take place on Thursday, September 12, 2019, at 5:15 P.M. at District Headquarters located at 3301 Gun Club Road, West Palm Beach, Florida. The second and final public hearing will take place on Tuesday, September 24, 2019, at 5:15 P.M., also at District Headquarters located at 3301 Gun Club Road, West Palm Beach, Florida. Written disapprovals of any provision in the Tentative Budget by the EOG or Legislative Budget Commission must be received by September 17, 2019, at least five business days prior to the final budget adoption hearing.

The District's Fiscal Year 2019-20 Tentative Budget is designed to live within the District's means and meet statutory mandates. The District continues to operate on a pay-as-you-go basis without new debt. The Tentative Budget maintains an operating profile consistent with Fiscal Year 2018-19 and in-line with current revenue levels to ensure sustainability.

II. INTRODUCTION

E. Budget Guidelines

The District developed its budget under the guidelines previously established by the EOG and DEP, which include:

- Reviewing, on an ongoing basis, personnel, programs and activities to ensure that each District is meeting its core mission areas without raising costs for the taxpayers they serve,
- Ensuring that District employee benefits are consistent with those provided to state employees,
- Continuing District implementation plans for the beneficial use of excess fund balances; and
- Avoiding new debt.

The District's specific guidelines developed by the Governing Board and management staff include budget preparation assumptions approved by the Governing Board and include:

- Focus on core mission activities such as refurbishment of the Central and South Florida flood control system,
- Implement efficiencies that reduce operational expenses, non-core costs and administrative overhead,
- Direct funding to restoration and public works,
- Continue implementation plans for beneficial use of Reserves,
- Maintain an adequate reserve balance for emergencies, and
- Issue no additional debt.

Statutory authority in Subsection 373.536(5)(c), F.S., states the Legislative Budget Commission (LBC) may reject district proposals based on the statutory thresholds described below.

- A single purchase of land in excess of $10 million, except for land exchanges.
    - The District does not have a single purchase of land in excess of $10 million in the Tentative Budget.
- Any cumulative purchase of land during a single fiscal year in excess of $50 million.
    - The District does not have a cumulative purchase of land in excess of $50 million in the Tentative Budget.
- Any issuance of debt on or after July 1, 2012.
    - The District does not have any issuance of debt in the Tentative Budget.

- Any individual variances in a district's Tentative Budget in excess of 25 percent from a district's Preliminary Budget.
    - The District does have a single variance in excess of 25 percent from the Preliminary Budget in Program 2.0 Land Acquisition, Restoration and Public Works. The increase of $129,920,752, equating to a 33 percent increase is the result of additional State Funding appropriated to the District to implement the Governor's Priority Environmental Projects. Additional information can be found in the Source of Funds by Program in section *III. Budget Highlights C. Budget Summary* of this document and in section *IV. Program Allocations Program 2.0*.
- Any program expenditures as described in Subsection 373.536(5)(e)4.e,(Outreach) and f. (Management and Administration) in excess of 15 percent of a district's total budget.
    - The District's Outreach and Management and Administration programs do not exceed 15 percent of the District's total budget as illustrated below.

State Program	FY2019-20 Tentative Budget	% of Total Budget
5.0 Outreach	$1,075,274	0.1%
6.0 District Management & Administration	$37,688,589	4.0%
Grand Total (Programs 1.0 through 6.0)	**$941,857,540**	**100%**
5.0 & 6.0 Total	**$38,763,863**	**4.1%**

F. Budget Development Calendar and Milestones

Date	Activity
October 1st	New Fiscal Year Begins.
October	Preliminary Budget Development Begins.
October – December	Present draft Preliminary Budget to the Governing Board.
December	Preliminary Budget due to DEP for review.
January 1st	TRIM Certification of Compliance or Noncompliance with Section 200.065, F.S. due to the Department of Financial Services (s. 373.503(6), F.S.)
January 15th	Preliminary Budget due to Legislature (s. 373.535(1)(a), F.S.)
March 1st	Legislative Preliminary Budget comments due to the districts (s. 373.535(2)(b), F.S.)
March 15th	Districts must provide written response to any legislative comments (s. 373.535(2)(b), F.S.)
April – May	District continues evaluation and refinement of the budget.
June 1st	Estimates of taxable values from the county property appraisers are received by the District.
July 1st	If no action is taken by the Legislature, development of the Tentative Budget proceeds (s. 373.535(2)(c), F.S.) Property Appraisers provide certified taxable values to Districts – TRIM (ss. 193.023, F.S. & 200.065(1)).
July 15th or sooner	District Governing Board adopts the proposed millage rates and approves the August 1st submittal of the Tentative Budget pursuant to s. 373.536(2), F.S. on July 11th.
July 15th	Tentative Budget due to DEP for review.
August 1st	Tentative Budget due to the Governor and Legislature as well as Secretary of the DEP and governing bodies of each county in the district (s. 373.536(5)(d), F.S.)
August (TBD)	Tentative Budget presented to legislative staff.
August 4th (day 35 of TRIM cycle)	TRIM – DR-420 forms shall be submitted to county property appraisers (s. 200.065(2)(b), F.S.)

II. INTRODUCTION

Date	Activity
September 5th	Comments on the Tentative Budget due from legislative committees and subcommittees (s. 373.536(5)(f), F.S.)
September 10th	Tentative Budget is posted on the District's official website 2 days prior to the public hearings (s. 373.536(5)(d), F.S.)
September 12th	Public hearing at 5:15 p.m. to adopt the Tentative Budget and Tentative Millage Rates at the SFWMD District Headquarters located at 3301 Gun Club Road, West Palm Beach, FL 33406 (ss. 373.536(3) and 200.065(2)(c), F.S.)
September 15th	Certify by resolution the Everglades and C-139 agricultural privilege tax roll to the tax collector of each county in which a portion of the EAA/C-139 is located (ss. 373.4592(6)(b) and 373.4592(7)(b), F.S.) Submit DR-408A Certificate to Non-Ad Valorem Assessment Roll to the county tax collector.
September 24th	Public hearing at 5:15 p.m. to adopt the Final Budget and Final Millage Rates at the SFWMD District Headquarters located at 3301 Gun Club Road, West Palm Beach, FL 33406 (ss. 373.536(3) and 200.065(2)(d), F.S.)
September 27th	Submit copies of the resolution adopting the millage rates and budget to the property appraisers/tax collectors within 3 days after adoption (s. 200.065(4), F.S.)
September 30th	District Fiscal Year Ends.
October 1st	District Fiscal Year Begins
October 4th	District submits the Adopted Budget for current fiscal year to the Legislature (s. 373.536(6)(a)1, F.S.)
October 24th	District submits TRIM certification package to the Department of Revenue (s. 200.068, F.S.)

III. BUDGET HIGHLIGHTS

A. Current Year Accomplishments and Efficiencies

Below are highlights of accomplishments this fiscal year to date and what is anticipated to occur during the remainder of Fiscal Year 2018-19.

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

- Water Supply Plan Updates:
  - Lower West Coast (LWC): Completed transient calibration of the LWC Surficial Aquifer System/Intermediate Aquifer System Model. The next RWSP update for the LWC is scheduled for 2022.
  - Lower East Coast (LEC): The Governing Board approved the 2018 LEC Water Supply Plan Update in November 2018. This included completion of the draft plan, conducting a public workshop and comment period, and revising the draft to address public comment.
  - Lower Kissimmee Basin (LKB): Initiated the 5-Year update to the LKB Water Supply Plan. Established internal team and held internal kick-off meeting. Completed development of draft water demand projections and several draft chapters. Conducted one public workshop. Continued coordination of the groundwater modeling effort in support of the 2019 LKB Update.
- Central Florida Water Initiative (CFWI): Continued implementation of the 2015 CFWI Regional Water Supply Plan including the 2035 Water Resources Protection, Water Supply Strategies Plan. Continued development of the 2020 Update including completion of several draft chapters. Water Supply staff are participating on several technical teams. Began construction on a new Lower Floridan aquifer (LFA) monitoring well at the Canoe Creek site. Completed construction of three Upper Floridan aquifer wells; completed construction of an LFA monitoring well at Deseret Ranch site and an LFA monitoring well at the S-65 structure as part of CFWI Data Monitoring and Investigation Team efforts. Finalized steady-state and transient calibration of the East Central Florida Transient Expanded Model, and completed modeling simulations for the Reference Condition, and 2030 and 2040 scenarios. Conducted water quality sampling and analysis of approximately 30 Floridan aquifer system monitoring wells in the CFWI Planning Area to evaluate water quality changes as part of the annual Regional Floridan Groundwater Network project. Installed three shallow monitoring wells and conducted six wetland transect evaluations at CFWI wetland sites to better correlate hydrology with wetland conditions.

- Hosted Water Conservation Expo and Vendor Fair at District headquarters. Over 100 participants attended the event. This year's theme "Improving Water Conservation through Outreach and Education" featured several presentations including moving water conservation education into action, lessons learned from the past and a look into the future, and changing lawn watering behavior through education and signage. In addition, 6 vendors showcased the latest water conservation hardware, technology and related items.

- Cooperative Funding Program (CFP) – Staff continued contract and project management responsibilities associated with the Alternative Water Supply (AWS) and Water Conservation project contracts. In Fiscal Year 2018-19, 14 projects were completed for alternative water supply (3) and water conservation (11) cooperative funding efforts.
    - Completed 14 construction stormwater projects as part of the Cooperative Funding Program totaling $1,872,000. Major benefits include protecting the environment by reducing potential pollutant discharge, improving the water quality of urban runoff through the implementation of Best Management Practices (BMP's) prior to being discharged, and improving the water quality discharge of a contributing drainage basin.

    - The Lower Charlotte Harbor Flatwoods Hydrologic Restoration Initiative, Yucca Pens Unit Planning and Design Project proposal submitted by the District was selected by the Deepwater Horizon Florida Trustees Implementation Group as 1 of 23 projects statewide for inclusion in the Final Restoration Plan. This water quality project was granted $636,500 for Regional Modeling of the Charlotte Harbor and Caloosahatchee Estuary Watersheds.

<u>Big Cypress Basin</u>

- Executed three Big Cypress Basin Interagency Funding agreements (work to be completed Fiscal Year 2019-20) to provide cost-share funding totaling $1,713,877 to local governments for flood control through stormwater management and water quality improvements:
    - City of Naples West Goodlette/Rosemary Heights Septic Sewer Conversation - amendment to increase funding for removal of septic systems within Gordon River/Naples Bay watershed.

    - Collier County – Cocohatchee/Palm River Conveyance Improvement – improving downstream flood control conditions.

    - Collier County – I-75/Coco Canal Interconnect for enhanced flood control.
- Administered four interlocal contracts for services including the Collier County Surface Water and Ground water monitoring, SR 29 Canal Maintenance and the Collier County Secondary System MOU. The total contract cost for these projects is $1.2 million.
- Completion of phases 3 and 4 of the Golden Gate Main Canal hazardous and exotic vegetation removal project.

- Completion of three shoal removal projects along Henderson Creek, FAKA Canal and Corkscrew Canal.
- Completion of the operational testing and monitoring period for the Miller Pump Station.

III. BUDGET HIGHLIGHTS

Water Quality

- Mercury and Other Toxicants: Revisions to the DEP Protocol and CERP Guidance Memorandum (CGM-42) for monitoring mercury and other toxicants were approved by DEP and USACE. Proposed changes included reducing the phases of mercury monitoring, resulting in more consistent year to year monitoring, allowing for ease of budgeting, and reducing the overall monitoring duration for restoration projects from 9 years to 5 years. This will align the protocol monitoring with the life of the regulatory permits.

- National Pollutant Discharge Elimination System (NPDES) Electronic Reporting: Worked with DEP to develop the capability to submit NPDES Discharge Monitoring Reports (DMR) electronically (monthly and annually) via DEP's EzDMR system, in accordance with U.S. e-Permitting System rules. This District received a one-year temporary waiver from DEP so DEP could develop the capability to incorporate the unique features of the District NPDES permit. This capability was developed and tested early in 2018 and fully implemented this fiscal year.

- High Water Emergency Final Order: Drafted and finalized the After-Action Report for the 2018 Emergency Measures Due to Highwater Conditions in South Florida Region, required by DEP Final Order OGC No. 18-1066. The Emergency Final Order (EFO) was issued on June 20, 2018 and extended through November 2018.

- South Florida Environmental Report (SFER): Completed internal and external peer review of draft sections of the 2019 SFER. The final 2019 SFER was published and submitted to the Governor, Legislature, and other key stakeholders on March 1. This mandated annual report consolidates peer-reviewed research, data analyses, financial updates, a searchable database of environmental projects, annual permit reports, and project status updates. Volume I chapters and portions of Volume III of the 2020 SFER were also drafted this fiscal year.

- Laboratory Management System (LIMS) Upgrade: In December 2018, a team led by the Water Quality Bureau Analytical Services Section (District Chemistry Laboratory) completed the mission critical project to upgrade the existing Oracle forms based, version 11, LIMS client server to a fully supported web-based system (version 12.6). Implementation of the new LIMS involved numerous users from Water Quality Bureau, Applied Sciences Bureau, along with Data Stewards, IT, the vendor, field collectors, and data users throughout the District.

Applied Sciences

- In October 2018, scientists within the Coastal Ecosystems Section successfully defended a rule challenge for the Caloosahatchee River MFL. The Administrative Law Judge ruled in favor of the District on all merits identified in the rule challenge.

- In 2019, at the request of the Governing Board following the Caloosahatchee River MFL rule challenge, staff held two additional public workshops on May 31 and June 20 to further engage with stakeholders regarding the flows needed for Caloosahatchee River MFL.

III. BUDGET HIGHLIGHTS

- Acquired aerial photography for RECOVER seagrass mapping of the St. Lucie Estuary and southern Indian River Lagoon. Final photo-interpreted seagrass maps will be available in Fiscal Year 2019-20.

- The Interim Goals and Targets analysis was completed as a joint effort of the multi-agency RECOVER team and the Interagency Modeling Center (IMC). Reporting of results will be incorporated into the 2020 Report to Congress.

- Completed updates to the RECOVER conceptual ecological models.

- Completed oyster habitat mapping in the Caloosahatchee and St. Lucie Estuaries.

- Completed the 2019 System Status Report (SSR). This multi-agency document led by the Applied Sciences Bureau staff, principal investigators, and state and federal agency collaborators will assist decision-makers with the timing, planning, and implementation of Comprehensive Everglades Restoration Plan (CERP) projects, inform adaptive management actions, and identify uncertainties that need further study to assure restoration success. The report details the evaluation of system-wide ecological indicators and used performance measures and their targets to measure restoration progress. The SSR also provides the scientific foundation for the 2020 Report to Congress.

- Completed soil degradation analysis in the low salinity environment of the Everglades National Park as part of the Florida Sea Grant Peat Collapse Program, which showed that rates of soil loss and carbon release increases with saltwater intrusion especially when combined with a lack of freshwater during the dry season. Published article in 2019.

- Completed the 2019 Wading Bird Report. The Everglades ecosystem supported an average nesting effort in 2019 (27,000 nests), which is to be expected the year after a super colony nesting event (2018 produced a record-breaking 122,571 nests). In general, hydrologic conditions were not conducive to wading bird nesting and most performance metrics (e.g. timing of nesting, location of nesting, nesting success) fell short of CERP targets.

- Updated Lake Okeechobee RECOVER Performance Measures.

- Lake Okeechobee System Operating Manual (LOSOM): Participated in USACE process and attended meetings with University of Florida Water Resources Institute.

- Completed the annual Lake Okeechobee submerged aquatic vegetation (SAV) surveys and mapping (August 2019); SAV status was documented at the end of the growing season. In addition, completed implementation of fine-scale SAV monitoring in Lake Okeechobee to study regrowth of SAV from its lowest total since the mid-2000s due to Hurricane Irma impacts. Initial regrowth was documented along western shores in April and May of 2019 in shallow areas and was dominated by *Valisneria Americana*.

- Evaluation of effectiveness of phosphorus abatement strategies was completed in May 2019. Staff from DEP, FDACS and SFWMD were trained on using the Watershed Assessment Model; the tool of choice for evaluating nutrient reduction alternatives.

- Completed review of long-term water quality trends (1991-2018) in watershed and within Okeechobee for 5-year review of Lake Okeechobee Protection Plan construction projects.

Hydrology and Hydraulics

C-51 Reservoir Phase II

- Initiated assessment of the C-51 Phase II reservoir as lake connected storage for reduction of damaging discharge to northern estuaries and Lake Worth Lagoon.

Canal Conveyance Analyses

- Completed the C-1W, C-1N Belaire canal conveyance evaluations.
- Initiated canal conveyance assessment for the C-100 system (C-100, C-100C and C-100B).

Flood Protection Level of Service and Sea Level Rise

- Executed modeling support contract for flood protection level of service study in the C-8 and C-9 basins.
- Initiated the sea level rise vulnerability assessment at 26 coastal structures in south Florida.
- Completed storm surge modeling of Biscayne Bay.
- Engaged the USACE on key coastal resilience initiatives including the South Atlantic Coastal Study (SACS) and the Miami Back Bay Study.
- Continued collaboration with local governments including Broward and Miami-Dade counties to provide District's expertise in sea level rise.

Flow Estimates at Water Control Structures

- Completed flow rating development, calibration and/or verification at 35 new structures.
- Resolved flow rating issues at over 20 structures.

Water Control Planning and Operations Support

- Prepared and circulated Water Conditions Monthly Report, Position Statement Weekly Report, Monthly Dynamic Position Analysis (DPA) for complete water management system and Mid-Months DPA to support High Water Emergency operations.
- Provided district-wide modeling, hydrologic and hydraulic technical reviews on modeling and design project work scopes and deliverables.
- Maintained and developed updated versions of enterprise modeling tools used to support District priorities. This includes the improvements to the Regional Simulation

Model (RSM) and completion of initial simulation modeling of the 1965-2016 period of record extension initiative.

- Initiated formal peer review of Regional Simulation Model (RSM) tool for planning and operations support.

- Completed revised Operation Plans for STA5/6 and Lakeside Ranch STA.

- Continued model archiving for SFWMD, DEP and other water management districts into the Statewide Model Management System (SMMS).

2.0 Land 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.

Everglades Water Quality Improvement

- Completed construction on the STA 1W Expansion #1 and initiated design of the STA 1W Expansion #2.

- Completed construction of the G-341 Bolles Canal East Segment 3 and completed design and initiated construction on G-341 Bolles Canal East Canal Segment 4.

- Initiated construction on the STA 5/6 Internal Improvements.

- Initiated design of the STA 1E Cell 5 and 7 internal improvements and C-139 FEB.

- Completed Quality Assurance analyses for stations with mandated monitoring under Chapter 40E-63, Florida Administrative Code, to ensure water quality data collected are representative of basin runoff. The Everglades Forever Act requires accurate total phosphorus loading estimates in discharges from the EAA Basin to assess annual mandated load reductions. Impacts to the phosphorus loading models were evaluated to confirm no adjustments are warranted in response to the STA-1W expansion project.

- During the Water Year 2019 (May 2018-April 2019), the Everglades Stormwater Treatment Areas (STAs) treated approximately 1.5 million acre-feet of water. Approximately 30 percent of the total WY2019 STA inflows were Lake Okeechobee regulatory releases.

- Initiated six new studies for the Restoration Strategies Science Plan: L-8 FEB and STA Operational Guidance, Quantifying Phosphorus Uptake and Release from Periphyton and Phytoplankton Communities, Soil Amendment and Management Phase II, Floating Tussock, Cattail Inundation Duration and Depth Phase II, and SAV Resilience. The Science Plan studies (eight studies currently ongoing) are being conducted to find ways to further improve phosphorus reduction mechanisms in the STAs.

- Redeveloped protocols to reinitiate annual water quality audits of field sampling procedures and split samples of permittee-collected data in the Everglades Agricultural Area.

Comprehensive Everglades Restoration Plan

- Received Congressional approval of the Central Everglades Planning Project Post Authorization Change Report in the Water Resource Development Act (WRDA) of 2018. For CEPP South, completed hydraulic design and initiated construction of S-333N Structure and executed contract with FPL to relocate powerlines and initiated design of the Old Tamiami Trail Removal Project. In CEPP New Water, initiated design of Everglades Agricultural Area Storage Reservoir Conveyance Improvements and Stormwater Treatment Area, and Miami/North New River Conveyance Improvements.

- Completed construction of the S-476 Pump Station; completed design and initiated construction of the C-43 Reservoir dam and associated structures for the Caloosahatchee River West Basin Storage Reservoir.

- Completed construction of the C-44 Pump Station.

- Obtained exemption approval of the Loxahatchee River Watershed Restoration Project from the Assistant Secretary of the Army, Civil Works, for completion of the feasibility study. Identified the Tentative Selected Plan and released the Draft Project Implementation Report/Environmental Impact Statement for public review. Final Plan underway for FY2019-20 release.

- Completed optimization of the Lake Okeechobee Watershed Restoration Project (LOWRP) selected plan and dam breach analyses for several potential reservoir configurations and locations in support of LOWRP. The revised Draft Project Implementation Report and Environmental Impact Statement will be released for review July 2019.

- Initiated preliminary project planning with the USACE and internal coordination on the Lake Okeechobee System Operation Manual.

- The District and USACE completed construction of C-111 South Dade project. Features finished and transferred to District for Operations and Maintenance include the North Detention Area, creating flowways within the L-359 and South Detention Areas, ten plugs in the L-31W Canal, three monitoring stations to support operations, extension of the L-31W levee and an integral weir. These features and the USACE's construction of the Modified Water Deliveries to Everglades National Park (ENP) Project enabled the L-29 Canal's maximum stage to increase, allowing more water to be conveyed to ENP's Shark River Slough as per the most recent Incremental Field Test.

- Completed a four-year series of Incremental field tests of the WCA 3A outlets-South Dade Conveyance System operations, in support of the development of the Combined Operational Plan. The plan formulation and evaluation of alternative water control operations culminated in identification of the Preliminary Preferred Alternative. Implementation of this water control plan will convey water from WCA 3A to Everglades National Park to further Everglades restoration. The supporting Environmental Impact Statement and the accompanying public process will follow in FY2019-20.

- Completed S-200 and S-199 modifications and culvert construction (G-737) to convey more water towards Florida Bay via Taylor Slough. Both features became operational in late 2018 and are part of the CERP C-111 Spreader Canal Western Project.

- Developed conceptual hydraulic designs for the S-332B & S-332C Pump Stations Replacement Project. Completed study, plan formulation, and evaluation resulting in a Tentatively Selected Plan.

- The USACE completed the initial construction contract for the Northern Mitigation Area A Berm of the C-11 impoundment for the Broward County Water Preserve Areas Project. The feature will be transferred to the District for Operations and Maintenance activities in the summer of 2019.

- Supported the continued operation of the L-31E Interim Pump and maintained the L-31E canal stage at an optimal level to deliver freshwater to the coastal wetlands. Completed implementation of the remaining L-31E Culverts S-706A, S-706B, S-706C and S-708 that provide additional freshwater flow to remnant tidal creeks and coastal wetlands in Biscayne National Park. Developed Project Management Plan for Biscayne Bay Coastal Wetlands Phase II.

- Completed operational testing and monitoring of the Picayune Strand Restoration Project Miller Pump Station. Initiated road removal north of the tie-back levee and clearing and plugging of the stair-step canals east of the Faka Union Canal. Executed Amendment 1 of the Project Partnership Agreement, which added the manatee mitigation feature and associated costs to the authorized CERP Project for in-kind credit.

- Demonstrated the ability to modify sheetflow in over-drained regions of the Everglades. During the longest duration of flow to date, which was June 2018 to January 2019, active management within the Decomp Physical Model footprint resulted in improved flow direction and increased flow velocities, > 2 cm s^{-1}, over double the distance (500-1200 m) from the structure, compared to prior flows with no vegetation management.
- Obtained permits and established recipient site for gopher tortoises (GT), reducing costs of GT relocation to private sites. In addition, certified District staff with GT agent licenses are conducting relocations to the recipient site, reducing project costs.

<u>Northern Everglades and Estuaries Protection Program (NEEPP)</u>

- Completed construction of the Lake Hicpochee Hydrologic Enhancement Project (Phase 1).

- Current Dispersed Water Management (DWM) Program storage is approximately 126,470 acre-feet, with an additional 222,310 acre-feet in planning, permitting, design, or construction.

    - Initiated construction of the Brighton Valley water treatment project. This project will treat rainfall and excess water pumped from the C-41A canal on approximately 8,142 acres of private agriculture lands. It is estimated that the project will treat an average of 39,765 acre-feet of water per year with an estimated average water quality benefit of 3.2 metric tons of total phosphorus and 27.3 metric tons of total nitrogen per year. Construction completion planned for October 2019.

- Executed construction and operations agreements for three Northern Everglades Public Private Partnership projects: Bluefield Grove Water Farm and Scott Water Farm with an average water quantity benefit of 57,365 acre-feet of water retained per year, diverting flows from C-23 and C-25 that would otherwise have gone to St. Lucie Estuary; and El Maximo with an average water quantity benefit of 32,675 acre-feet of water retained and treated per year, diverting water from the C-38 canal and Blanket Bay Slough that would have otherwise have been discharged to Lake Okeechobee and other downstream waterbodies.

- Completed draft plan for implementation of DWM projects on District lands within the Lake Okeechobee, Caloosahatchee River and St. Lucie River watersheds. The plan identifies projects that are expected to improve water quality and quantity within these areas.

- Completed infrastructure improvements to the C-43 Boma Basin 2 and 3 above ground impoundments (AGIs) to increase storage capabilities in the Caloosahatchee River watershed.

- Completed C-43 Boma Bioassays and Mesocosm demonstration project to assess the potential surface water nitrogen removal rates using different plant communities. The results will help inform future research efforts associated with scale up of the most effective mesocosms treatments.

- Initiated study to examine conventional and innovative biological, physical and chemical technologies available and applicable toward reducing nutrient loading coming from the C-43 West Basin Storage Reservoir (WBSR) or reducing potential algal biomass in the C-43 WBSR.

- Kissimmee River Restoration Project

  - Acquired 9 tracts in the Upper Basin containing 382.70 acres at a cost of $15,270,300 (Osceola County) as well as 40.84 acres in the Lower Basin through an exchange for 25.84 acres, at no cost (Okeechobee County).

  - The USACE completed construction of the C-37 Embankment Armoring (Contract 2B2 of the Kissimmee River Restoration Project).

  - Completed the Kissimmee River Restoration Area Floodplain Management Plan Supplement (2018-2023). The purpose of this document is to provide long-term land management goals and objectives for the 17 primary management units within the 100-year floodplain of the Kissimmee River Restoration Project (KRRP).

  - Completed detailed review of the draft Biological Assessment for the Headwaters Revitalization Schedule and coordinated with USACE on related updates to the Kissimmee Basin System Operating Manual.

  - Conducted wading bird surveys on the Kissimmee River floodplain and Lake Okeechobee. Foraging in the Kissimmee River floodplain was close to the long-term average and above the restoration target of 30.6 birds/km2.

- Completed one-year post-treatment monitoring of experimental herbicide plots of Carolina willow and pre- and post-burn photo monitoring of prescribed burns within the Kissimmee River Floodplain.

- Deployed equipment to monitor dissolved oxygen (DO) levels in the Kissimmee River floodplain and to expand river channel DO monitoring to the Pool D area. The equipment is being used to address questions about the causes of recurring low oxygen conditions in the Kissimmee River, which have resulted in fish kills, and the relationship of low oxygen events to water management.

- Developed an Excel-based data management tool to automate the retrieval, organization, evaluation, and reporting of water quality data. Several QA/QC functions are included to ensure accuracy and consistency in data evaluation practices. The tool is currently available for characterization of water quality monitoring stations in the six northern Lake Okeechobee watersheds, with a tool for St Lucie watershed monitoring to be completed in the near future.

- Provided expert review and recommendations for water quality monitoring networks in support of the Lake Okeechobee Basin Management Action Plans by DEP.

- Performed gap analyses and made recommendations for optimization of the water quality monitoring networks in the Northern Everglades to ensure appropriate representative data to evaluate trends, identify water quality issues, measure potential impacts of issues/activities to SFWMD projects/works, and assist in selection of appropriate technologies, projects or solutions to address issues.

3.0 Operations 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.

<u>Field Operations Regions 1, 2, 3</u>

- Improvements made to STA 5/6 Cells 2A and 3A:

  - Grubbed, chopped and burned 938 acres.

  - Moved over 1.1 million cubic yards of material, including 43,809 loads of material to the C-139 material stockpile.

- Operated emergency temporary pumps in L-8 to recharge the draining canal network, isolated ponds and water table aquifer levels in the Deer Run, Equestrian Estates and White Fences communities.

- Overhauled pump and engines at S-7, G-251 and G-310.

- Installation of 2,860 linear feet of bedding stone and rip rap and 1,200 linear feet of sod for erosion repair and protection along the STA 1E distribution cell. Received 9,023 tons of rip rap and 5,961 tons of bedding stone.

- Completed the multi-year C-40 dredge project by removing 15,000 cubic yards of material and installing 400,000 square feet of sod.

- Operated four temporary pumps in Lakeside Ranch Phase 2 for water storage and to allow for required startup sampling.

- Improved an additional 9,000 linear feet of levee, 550,000 square feet of sod and 2,200 linear feet of piping and electrical wire at Boma. All improvements at Boma are now complete.

- The following work was completed at the Allapattah Ranch Wetland Restoration Project: removed 10 culverts, installed 10 ditch plugs, installed three water control structures and risers, cleared and grubbed 3,000 linear feet of ditch, excavated 4,500 linear feet of ditch, improved 8,100 linear feet of levee and leveled approximately 123,000 square feet of land.

- Replaced four fuel tanks at S-356.

- Relocated three manatee protection system electronic control boxes to allow easier access for staff.

- Completed the C-111 scraping project for the USACE.

- Raised and widened the L-36 E and W levees.

- Removed five project culverts (PCs) and completed in kind replacement of two additional PCs in the Homestead area of responsibility.

- Completed 8,285 planned preventative maintenance activities on District infrastructure including pump stations, gravity control structures, electrical and instrumentation components, canals, levees, fleet vehicles and heavy equipment.

- Performed repair and grading of 758 miles of roads.

- To ensure proper operation of the District flood control system, 19,264 cubic yards of aquatic vegetation were removed from canals.

- To control invasive plants and protect the integrity of District levees, 1,044 acres of terrestrial vegetation were mechanically removed.

- District pump stations collectively pumped 86,387 acre/feet of water from October 2018 through May 2019.

Right of Way

- Processed 505 permit applications, which consisted of 421 Right-of-Way Occupancy Permits/Modifications and 84 transfers.

Engineering and Construction

III. BUDGET HIGHLIGHTS

- Completed construction of the S-3 Fall Protection for Gate Overhauls, S-34/S-141 Replacements and G123 Removal, WPB Field Station Project Culverts, B-66 Tower Replacement, S-39A Culvert Replacement, G-58 Replacement, S-48 Repairs, L-28 Generator Replacement, S-194 Replacement, Supervisory Control And Data Acquisition (SCADA) System Replacement, G-335 Roof Replacement, G-310/G-434 Roof Replacements, S-75 Structure Refurbishment, BCB Curry Canal Structure, C-4 Canal Bank Improvements Palmetto Phase 2, BCB Remote Monitoring and Communications Phase 2, C-20 & C-21 Dredging, S-197 Automation, IT Shelter Replacement at Homestead Field Station, Culvert 8 Pump Attachment, Golden Gate 4 Weir Replacement, S-9 Access Bridge Replacement, C-139 Annex Restoration Phase 1B, Merritt and Faka Union Generator Cooling Retrofits, and the C-100A Tree Removal Segment 4.

- Initiated construction of the WPB Field Station Paint Shop Facility, Microwave Tower Loop Radio Replacements, BCB Remote Monitoring and Communications Phase 3, IT Shelter Replacements at Miami Field Station & Miami South Towers, and S-40/S-41/S-44 Refurbishments.

- Completed design of the S-9 & S-9A Trash Rake and Pump Station Refurbishments, S-169W Structure Replacement, S-176 Roller Gate Conversion, BCB Electrification, C-139 Annex Restoration Phase 2, S-135 By-pass Culvert Abandonment, L-50 Culvert, FTL Field Station Overhead Crane, and S178 Automation and Gate Replacement.

- Initiated design of the S-71 Replacement, S-49 Replacement, S-179 Roller Gate Conversion, Homestead Project Culvert Replacements, S-6 Pump Station Refurbishment, G-6A Pump Station, and S-291 SCADA Automation.

Real Estate

- Shingle Creek Project acquired 4 tracts containing 6.35 acres at a cost of $177,800 (Orange County).

- C-20/C-21 Dredging Project acquired two temporary construction easements containing 183.50 acres at no cost (Hendry County).

- Surplus of 112.41 acres resulting in $247,500 of revenue to the District.

- Received 2nd installment payment of $2,975,460 from Palm Beach County and conveyed an additional 21.1% interest in Tract W9100-176 (Pero Farms property).

- Projected annual lease revenue for Fiscal Year 2019 is $5.5 million.

- Processed 19 Release of Reservations applications resulting in $276,926 in revenue.

Land Management

- Prescribe burned 16,965 acres of fire dependent plant communities and wetlands on District managed properties during quarters 1-3 to improve and maintain the ecological values associated with these habitat types. Acres of prescribe burns completed to date represent 106 percent of the established prescribe burn goal for the year.

- Prescribe burned 12,125 acres of fire dependent plant communities and wetlands within Lake Okeechobee.

- Treated 12,944 acres for invasive upland exotic vegetation to maintain the ecological function and values of native plant communities on conservation lands. Contracts have been issued to treat an estimated 13,022 additional acres of conservation lands for exotic vegetation by the end of the fiscal year.

- Completed all necessary site prep and planting of native groundcover (maidencane) on 120 acres of the C-139 wetland restoration project site beginning in January 2019. Performed direct seeding of native wetland vegetation on over 1,000 acres of the Phase 1 restoration site and installed littoral plantings around expanding wetlands.

- Completed the backfilling of 3 miles of drainage canals within the C-139 wetland restoration site to restore historic sheet flow and constructed two rookery islands to create wildlife and wading bird nesting habitat.

- Treated the Phase 1 restoration site (approximately 2,800 acres) for torpedo grass and other exotic invasive plant species to facilitate herbaceous vegetation restoration activities.

- Submitted the C-139 12 Point Wetland Mitigation Plan to regulatory agencies in conformance with federal wetland mitigation rule. Completed the Implementation Agreement for final external review.

- Administered 44 cattle grazing leases on conservation and project lands as a cost-effective land management tool to manage herbaceous vegetation on public lands, developed land management and BMP requirements for 5 new or amended/restated leases, and monitored BMP compliance to assure grazing activities are carried out in an environmentally appropriate manner.

<u>Invasive Animal Management</u>

- The Python Elimination Program removed 431 Burmese pythons to date for the current fiscal year. A total of 2,129 pythons have been removed since the project's inception in 2017. This represents the largest number of pythons removed by any past and current python removal efforts.

- Continued oversight of the Everglades Invasive Reptile and Amphibian Monitoring Program (EIRAMP). EIRAMP biologists conducted 12 regional surveys for exotic reptiles and initiated a monitoring program to measure the impact of the Python Elimination Program on native mammal population recovery.

<u>Tree Management</u>

  - Successfully completed 13 hazardous/exotic tree and debris removal projects along 10 separate canals/levees totaling 11 miles.

  - Three projects completed on the Golden Gate Main Canal.

- Completed four projects: C-35, Pandervis Park , C-100A – Phase 4 and pruning trees and removal of exotic vegetation at the Clewiston and Ft. Lauderdale Field Stations.
- Lee County MOU – two projects completed (Mullock Creek sections 1&2)

- Installed and established over 100,000 square feet of sod at five different locations throughout the District.

Recreation and Public Use

- Provided recreation opportunities including hiking, camping, hunting, fishing, bicycling, wildlife viewing, and equestrian use on over 686,000 acres of public lands owned by the District.

- Opened three new parking areas and trailheads with 1.5 miles of hiking and 2.5 miles of equestrian trails in the Flint Pen Strand Unit of the Corkscrew Regional Ecosystem Watershed (CREW) Management Area. The new parking areas provide additional hiking, biking, wildlife viewing, and hunting access for the public.

- In partnership with the Town of Jupiter, opened a new parking area at the S-46 water control structure to provide additional parking and public access to the S-46 fishing platforms. General custodial functions associated with the new parking area will be performed by the Town of Jupiter through a MOU that was executed during quarter 1 of this year.

- Participated in the design of canoe portages for the Lainhart/Masten Dam refurbishment project that were environmentally and aesthetically compatible with the Wild and Scenic River designation for the Loxahatchee River. This project was selected as the winner of the 2018 Environmental Excellence Award from the Treasure Coast Chapter of the Florida Association of Environmental Professionals.

Upland and Wetland Invasive Species Management

- Managed 32 active invasive plant control projects resulting in the treatment of priority invasive plant species on over 372,109 acres of District natural areas. An additional 45,200 acres are expected to be treated by the end of the fiscal year.

- Formally assumed invasive plant management responsibilities at the Loxahatchee NWR in accordance with the February 2018 License Agreement between SFWMD and USFWS. Recruited new biologist to assist with day-to-day operations of largest invasive plant management project in Florida.

- Completed invasive plant mapping over 145,000 acres in support of Everglades Forever Act and Loxahatchee NWR invasive plant management program.

- Managed contracts for biological control development and implementation resulting in the release of approximately 702,000 Old World climbing fern (OWCF) mites and 164,000 OWCF moths were released within the District boundary for control of two priority invasive plants. Further testing continued for two new agents for control of OWCF.

Field Station Support by Land Resources Bureau

- Provided invasive plant technical support to the Contract Inspection Specialist and management teams at the eight field stations.
- Developed a cane grass management plan for STA levees.
- Developed protocols for wicking equipment and herbicides to treat cane and other fast-growing grasses.
- Revised the Pesticide Discharge Management Plans (PDMP).
- Worked with the SCADA team to develop a plan to increase treatment efficiencies.
- Completed District Herbicide Bid.
- Twenty-five aerial projects were completed.
- Completed Fiscal Year 2018-19 Florida Fish and Wildlife Conservation Commission (FWC) Aquatic Plant Management Task Assignment.
- Served on newly developed FWC Aquatic Plant Management Technical Assistance Group.
- Developed chemical storage protocol offsite management areas (Dupuis).

Stormwater Treatment Area Operation, Coordination, and Management

- Treated 1,002 acres of undesirable vegetation and planted 300 acres of emergent vegetation within the District Stormwater Treatment Area (STA) system.
- Led STA tour for Seminole Tribe of Florida to discuss design and operation of Flow Equalization Basins.
- Helped coordinate back pumping operation at Lakeside Ranch STA Operations with Field Operations and Water Managers.
- Planted 463 acres of desirable emergent vegetation and chemically treated 6,810 acres of nuisance/invasive plants to optimize and/or maintain the water treatment capacity of the STAs. An additional 150 acres of plantings and 2,200 acres of nuisance vegetation control are expected to be complete by the end of the fiscal year.
- Completed vegetation site preparation in support of performance enhancement construction in STA's 1E and 5.

Infrastructure Management Section

- Issued work orders to four firms for the Structure Inspection Program (SIP), coordinated USACE cost-shared inspections, completed 639 scheduled multidisciplinary SIP engineering inspections for 164 water control structures, and conducted 3 bridge

inspections. Inspected 12 towers through the Microwave Communication Tower Inspection Program and 20 roofs through the Roof Inspection Program.

- Completed 214 unscheduled requests that typically involved urgent maintenance or repair of the District's water control system. The unscheduled requests included major pump stations, water control structures, roofs, manatee protection systems, and miscellaneous issues (e.g., towers, erosion, permits, fuel, generators, seawalls, levees, canal banks, bridges, and field station facilities).

- Provided operations technology support for critical infrastructure that uses computer automation to control pump stations and other equipment and helps protect against Cybersecurity threats. Initiated automation upgrades to the G370 Pump Station and developed the statement of work to procure services that allows remote operations of the Golden Gate Weir Structures in the Big Cypress Basin Service Area.

Hydro Data Management Section

- Data Processors processed 1.2 million station days (3,281 station years) of real-time data and fully automated the evaporation pan at S-140W to produce more reliable evapotranspiration data.

- Quality Assurance staff performed quality assurance on over 315 legally mandated sites (116,070 station-days), extended the historical records, and improved data acquisition of Next Generation Weather Radar rainfall, Geostationary Operational Environmental Satellite solar radiation, potential and reference evapotranspiration parameters, and completed the production of instantaneous and daily flow single time series at over 700 stations in Dbhydro.

- Stream gauging staff performed 250 discharge measurements, site visits, and reconnaissance visits (112 for rating improvements, 12 for reconnaissance to new flow monitoring sites in Big Cypress Basin, 25 for Acoustic Doppler Flow Meter installation, 21 for pump capacity validation, 20 for resolving water management issues, 32 for real-time flow monitoring at the 3 tributaries of the Caloosahatchee River and 21 for culvert flow metering improvements).

SCADA Section

- Supervisory Control And Data Acquisition (SCADA) performed 2,520 preventative maintenance site visits, made 1,098 repairs on additional sites, completed 14 NAVD88 datum conversions, performed Remote Telemetry Unit installation/upgrades at 70 sites, refurbished gate sensors at 10 sites, replaced well lids at 18 sites, performed site infrastructure repairs to 14 locations, upgraded 44 solar panels, and installed 58 bird deterrent systems at water platform sites.

- SCADA Design and Installation staff performed three SCADA site rebuilds, deployed 15 new Motorola ACE 3600s to new/existing sites, deployed 35 Campbell CR1000s to new/existing sites, completed 50 panel builds, finished 47 field certifications, and participated in 31 construction project design review meetings.

Survey and Mapping Section

- Supported over 300 internal/external survey services.
- SCADA Platform Replacement Project: Completed 10 design surveys along the Kissimmee River Basin area and 11 design surveys in the Big Cypress Basin region.
- Miami and North New River Canal Conveyance Project for the Everglades Agricultural Area Storage Reservoir Conveyance Improvements and Stormwater Treatment Area: Initiated surveying contracts and project management activities that supported over 50 miles of canal corridor aerial photography, LiDAR, boundary, and topographic surveys.
- C-43 Reservoir: Provided planning, implementation, project management, surveying, and mapping services that supports multi-year construction and inspection monitoring activities.
- Completed or implemented canal tree/vegetation management surveys on C-14, C-11, and C-51 canals.
- Completed STA design, construction, and inspection survey services on STA 1E, STA 5 Flow-way, and STA 5-6.
- Completed or implemented canal conveyance hydrographic surveys on C-41A, C-23, C-24, C-100, C-100B, C-100C, C-14, C-51 Sediment Trap and on Coco, GGM, I75, and Cypress and Currey canal corridors in the Big Cypress Basin region.
- Central Florida Water Initiative Project multi-agency initiative: Provided planning, design, project management, surveying services, and well-monitoring station installations within Polk and Orange Counties.

General Services

- Constructed a breezeway between the B1 and B2 buildings at HQ.
- Replaced B1 Automatic Transfer Switch.
- Closed Forsyth Warehouse saving $18,000 annually.
- The Orlando Service Center footprint was reduced to make efficient use of space. A new conference room and some hard-walled offices were built to accommodate the changes.
- Awarded security camera replacement contracts with IFSS and Security 101 to address a Homeland Security issue. Provided project coordination and project management for the Field Stations.

Fleet

- Completed purchasing for Fiscal Year 2018-19, with $2.05M of light, heavy and construction equipment, $343K for BCB, $93K for new works and $90K of added fleet items for a total over $2.59M. Have received 33 of the 65 items ordered so far.
- Returned and received (5) new leased vehicles for motor-pool to commence a new 3-year lease program.

Emergency Management

- Finalized Comprehensive Emergency Management Plan rewrite, streamlining it from approximately 500 pages to under 100; approved by Governing Board.
- Conducted annual Hurricane Freddy exercise, including full activation of the Emergency Operations Center.
- Conducted on-site Incident Command System refresher training and tabletop exercises for all eight Field Stations.
- Conducted WebEOC Mission/Task Process Workshops on-site at Field Stations and for EOC team.
- Conducted training for the SAP database tool for maintaining emergency assignments for all District staff.
- Collaborated with EOC team and IT to migrate EOC Network share drive to SharePoint for incident documentation management, including photographs and videos related to emergency incidents and Hurricane Freddy exercises.
- Provided technical assistance to SOP coordinators in the update of their storm SOPs.
- Coordinated with EOC Command and General staff for the appropriate assignment of staff to emergency roles.
- Performed WebEOC testing and implemented enhancements.
- Continued to respond timely and accurately for Request for Information (RFI) from the Federal Emergency Management Administration (FEMA), in support of Hurricane Irma Project Worksheets (PW) reimbursement.
- Selected Emergency Debris Monitoring contractors through the Request for Proposal process for a five-year contract.

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

- Participated in discussions on updates to the Operating Agreement with DEP and the other water management districts.
- Coordinated ERP database changes with Broward and Miami-Dade counties for consistency.
- Water Use staff continue to participate in 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.

- Water Use staff are actively participating on the CFWI Regulatory Team and the ongoing rule development process led by DEP. The Regulatory Team is tasked with among other things, establishing consistent rules and regulations for the three water management districts within the CFWI area. Staff reviews draft rules, provides input and attends regularly scheduled teleconferences and publicly noticed workshops.

- Regulation staff coordinated with Information Technology team for a complete rewrite of permit and post permit compliance database, currently finishing permitting, migrating data and compliance for ERP which is scheduled to be completed at the end of Fiscal Year 2018-19, at which time the WU portion of the system will be addressed.

Application Review and Public Involvement

- Application Reviews – the District will provide timely evaluation and review of an estimated 2,400 Environmental Resource and 1,900 Water Use Permit Applications (including transfers).

- Public Involvement – Continued to host public meetings to provide opportunities for the public to comment on pending Water Use and Environmental Resource Permit applications.

- Staff has held numerous outreach meetings throughout the course of the year with various governmental entities. Staff also continues to work on several projects throughout the District such as the Central Florida Water Initiative (CFWI) and the Kissimmee Water Reservation Project

- Water Use Staff have enhanced the level of coordination with Water Supply Planning to further strengthen the linkage as described in the DEP guidance memorandum on the subject. These enhancements include increased coordination on the review of utility profiles for District water supply plans, and increased coordination on the review of conservation plans and population projections received with public water supply permit applications.

- Water Use staff engage in monthly telephone conferences with regulatory staff from SJRWMD and SWFWMD to coordinate the review of proposed withdrawals in one district which may impact another district as stipulated in the Memorandum of Understanding executed by the three water management districts on October 24, 2000.

ePermitting

- Increased electronic submittals from 84 percent to 85 percent annualized of all application submittals. Outreach efforts continued to promote the use of ePermitting utilizing mail, email, phone, webinar and face to face meetings. Regulation 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

- Water Use Bureau staff established a Public Water Supply Task Force where client relationship managers have been assigned to utilities in various geographic areas. These employees continue 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.

- Water Use Compliance staff continue to work with permittees to train them (including in field, hands on training) 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.

- Construction Certification – continued the Construction Certification effort by accepting 634 construction completion certifications for projects during Fiscal Year 2018-19.

- ERP staff reviewed 272 environmental monitoring reports for compliance with permit conditions during Fiscal Year 2018-19.

- Coordinated with and assisted permitting staff to reduce the number of permit applications that are in a no response status greater than 90 days.

- ERP staff reduced the environmental deliverable backlog by over 99%. Out of 401 backlog projects, 397 projects no longer have outstanding submittals and are now in compliance with the permit.

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.

- Planned, conducted and hosted events:

    - November 15, 2018 (media event) – An EAA Without Delay with Governing Board Chairman Fernandez, showcasing work being done to expedite the Everglades Reservoir Storage project.

    - November 30, 2018 (dedication) – Billy G. Cobb Memorial Trail Dedication with Governing Board Member Rick Barber at Corkscrew Regional Ecosystem Watershed (CREW) in Southern Lee County.

    - May 16, 2019: Report release of record-setting 2018 wading bird nesting season. Drew Bartlett and Mark Cook joined by Audubon FL Exe. Dir. Julie Wraithmell and FWC Reg. Dir. Dr. Tom Reinert to announce the historic nesting success at Wakodahatchee Wetlands in Palm Beach Co.

    - July 16, 2019: Release of insect (Thrips) into environment to help control the invasive Brazilian pepper tree, along with other federal and state partners at Tree Tops Park in Davie.

- MEDIA: Wrote 128 news releases, media advisories, statement, quotes and other media materials and disseminated via Constant Contact (11,618 subscribers).

- WEBSITE: Received 1.2M page-views on external website; conducted 15 live webcasts. Created a new webpage: "Advancing Key Priority Projects," featuring 29 critical Everglades restoration projects, including projects that support Gov. DeSantis' Achieving More Now for Florida's Environment Executive Order.

- VIDEOS: Created 22 new videos for SFWMD-TV YouTube channel.

- SOCIAL MEDIA: 4,925 Facebook (4,472 page-likes) and 14,600 Twitter followers.

- GB/EXO Support: Wrote 72 letters, talking points and speeches, presentations as well as 40 public information fact sheets.

- TRANSPARENCY: Posted videos of Governing Board Meetings, Workshops, and Committee Meetings including agendas and presentations for public access and increased transparency.

- OTHER: Planned, designed and created nine large displays for the B-1 auditorium and Executive area. Initiated District-wide rebranding to meet professional standards for consistency. Public Affairs and outreach staff; employee email signatures and presentation templates.

- The Lakes and Ecosystems group in coordination with Land Stewardship coordinated a large volunteer clean-up event with the Florida Sportsman's Conversation Association and Lake Okeechobee Airboat Association that removed barbed wire fencing, fenceposts, and other man-made debris and hazards from the Kissimmee River Floodplain.

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.

<u>Administrative Services</u>

- The Finance Bureau has worked with several other internal departments as well as external organizations in requesting, gathering, compiling and submitting vast amounts of data and supporting documentation as part of a comprehensive Request for Public Assistance filed with FEMA pertaining to Hurricane Irma. Currently, the Project Worksheets (PWs) for Categories A (Debris Removal), B (Emergency Protective Measures), C (Roads/Bridges), D (Water Control Facilities) and E (Buildings and Equipment) have been submitted to FEMA. The entire claim has been divided into seventeen PWs, some of which involve permanent restoration, which has not been fully completed by the District and thus the submittal of such supporting documentation is ongoing. Many of the other PWs are either currently being reviewed by FEMA, pending obligation or obligated. The District has not received funding from FEMA/FDEM for the obligated PWs due to some discrepancies between financial records of the District and FEMA. These are in the process of being reconciled and some funding is expected to

be received by the end of the fiscal year. In addition to working on satisfying formal Requests for Information (RFI), the Finance Bureau continually pursues every legal opportunity to maximize FEMA reimbursement funding.

- Investment earnings are expected to be approximately $11 million for Fiscal Year 2018-19. This is 80% above Fiscal Year 2018-19 budgeted earnings of $6.1 million. Investment earnings through May 31, 2019 are $8 million.

- CAFR – The District issued the CAFR on time and received the highest regards that the external auditors could give with respect to financial reporting, federal and state grant accounting and internal controls. The Finance Bureau is expected to earn the GFOA's Certificate of Achievement for Excellence in Financial Reporting for the 30th consecutive year.

- Treasury mapping of processes and documenting procedures - 20 have been completed.

- Received the GFOA's Certificate for Excellence in Financial Reporting for the Fiscal Year 2016-17 CAFR. This marks the 29th consecutive year the District has earned this distinguished award.

- Asset Management – Fiscal Year 2017-18 Annual Physical Asset Inventory 98.56% find rate. Processed more than 5k items for disposal with 4,300 items sold via online auction. Revenue from sales of surplus assets: $482,000.

- Coordinated and developed the Fiscal Year 2019-20 Preliminary and Tentative Budgets.

- Updated the five-year reserve allocation plan for the Fiscal Year 2019-20 Preliminary and Tentative Budgets, identifying funds from accumulated reserves to implement the priorities of the Governing Board in support of critical water resource projects.

- Received Compliance Certification of Truth in Millage (TRIM) submittal from the Florida Department of Revenue for the Fiscal Year 2018-19 Budget.

- Coordinated the update of future cost estimates for new works of the District for water management systems operations.

- Updated the 5-year forecast and presented the Fiscal Year 2019-20 Preliminary Budget and draft Tentative Fiscal Year 2019-20 Basin Budget to the Big Cypress Basin Board.

- Updated the Five-Year Capital Improvement Plan for 2019-2023.

- Coordination and completion of the 2019 SFER Database updates.

- Received Clean Review and no Findings from the Florida Department of Highway Safety and Motor Vehicle DHSMV On Site Audit of Specialty License Plate Programs: Indian River Lagoon and Everglades River of Grass.

- Conducted multiple runs of the in-house developed Healthcare budget regression forecasting tool that provides a five-year window into anticipated healthcare claims expenditures. Tool was fully automated this year to accept monthly SAP healthcare

insurance expenditures to improve its forecasting capabilities. The tool uses Federal inflationary CPI forecasts and historical District healthcare expenditure trend statistics. In day to day support efforts, developed numerous tools for the HR Benefits Group that help automate monthly claims fee reporting, forecasted membership revenue generation and the monthly benefit membership report for HR.

- Reviewed and developed alignment of the performance metrics for the District's 2018 Strategic Plan, Annual Work Plan (SFER VOL II Chapter 2), the DEP Water Management District Performance metrics and the annual Budget Performance metrics. Revisions included elimination of some metrics and adding others to better measure the District's execution of its long-term goals. Strategic Plan was submitted and accepted by the Governing Board on schedule.
- The Purchasing Unit processed more than 4,900 purchase orders for a total of $38,668,096 during Fiscal Year 2018-19.
- The following Northern Everglades Public Private Partnership (NEPPP) contracts were executed:
    - Bluefield Dispersed Water Management, LLC - $47,356,686
    - Scott Dispersed Water Management, LLC - $61,393,120
- Seventeen (17) contracts were executed for Professional Engineering Services for Restoration and Operation, Maintenance, Repair, Replacement and Rehabilitation (OMRR&R) projects.
- Executed a contract on March 19, 2019 for the C-43 West Caloosahatchee Basin Storage Reservoir in Hendry County in the amount of $523,871,000. Twelve (12) other construction contracts were issued totaling $41,993,000.
- Implemented components of the Whole You Program: mentor program, gym subsidy, increase in safety boot reimbursement, professional development and training, and Cigna on-site wellness coordinator.
- District offered summer intern program: 16 successful participants

<u>Information Technology</u>

- Upgraded the data center network to improve data flow between systems, to have the ability to move workloads to the cloud, and to address the bandwidth demands of remote locations. Changing the internet access model to no longer depend on connectivity to the HQ Data Center will free up limited bandwidth to the data center and improve application responsiveness. This new model will also create additional failover options to improve network uptimes and internet resilience since more applications today depend on the internet. The upgrades include a security firewall to provide greater system visibility and protection to the end users. This is a multi-year project expected to be completed in Fiscal Year 2019-20.
- Completed the new SCADA system trial test and conduct a thorough security audit of the new Emerson SCADA system. Prioritized the field data stations and performed migration by basin until completed. Identified any deficiencies, prioritized the findings

and took action to remediate the issues as determined by the business governance. Conducted a fail-over test for business continuity.

Office of Inspector General

- Completed 9 audit and review projects.
- Commenced 5 audit and review projects that are currently in progress.
- Evaluated complaints regarding allegation of fraud, waste, mismanagement, misconduct, and other abuses in the District, and performed investigations as deemed necessary.
- Completed quarterly Audit Recommendations Follow-Up Reports.
- Coordinated financial statement audit with external accounting firm.
- Submitted Fiscal Year 2018-19 Audit Plan to Audit and Finance Committee for approval.
- Completed and submitted Inspector General Annual Report for Fiscal Year 2017-18.
- Performed other projects and administrative activities per the annual audit plan.

III. BUDGET HIGHLIGHTS

Efficiencies

The District continues to evaluate programs to increase efficiency and effectiveness and maximize the use of funds spent on protecting and improving the state of Florida's water resources.

1.0 Water Resources Planning and Monitoring

- Biscayne Bay Coastal Wetlands Project: The SFWMD ecological project manager took over the BBCW groundwater compliance monitoring network from Miami-Dade County in Fiscal Year 2018-19 via a cooperative agreement for a cost savings of approximately $14,000 per year.

- Biscayne Bay Coastal Wetlands Project: The SFWMD BBCW ecological project manager, with the assistance of Miami Dade County Park staff, repaired the main gate weir at the Deering Estate component in-house for a cost savings of $30,000.

- Biscayne Bay Coastal Wetlands Project: Leveraged the Integrated Biscayne Bay Ecological Assessment and Monitoring nearshore monitoring network to assess RECOVER restoration performance targets with savings up to $200,000 per year.
- In cooperation with Harbor Branch Oceanographic Institute, installed Sea Prism on Lake Okeechobee for real-time verification of satellite-based remote sensing of harmful algal bloom (HAB) potential. This will improve accuracy for Lake Okeechobee HAB predictions at no additional cost to the District.
- Developing a database for a more efficient identification of Lake Okeechobee phytoplankton samples by sending the samples to USACE for additional taxonomic analyses at no additional cost to the District.

- The Water Quality Bureau (WQB) has continued implementation of a process for providing agency-level review and support on requests for water quality monitoring, laboratory analyses, and other bureau support services leading to more responsive customer service, more comprehensive quality assurance and more complete data management plans. The entire process is under the umbrella for the Bureau's Environmental Monitoring Review Team (EMRT) which has been comprehensively redesigned with multi-disciplinary expertise and professional process coordination to provide effective technical support to District programs and projects.

- The WQB proposed revisions to the DEP Protocol and CERP Guidance Memorandum (CGM-42) for monitoring mercury and other toxicants were approved by DEP and the USACE. Changes include reducing the phases of mercury monitoring, resulting in more consistent year to year monitoring, allowing for ease of budgeting, and reducing the overall monitoring duration for restoration projects from nine years to five years. This aligns the protocol monitoring with the life of the regulatory permits.

- As part of the high water emergency final order issued by DEP in June 2018, the stage limit in WCA-3B was raised from 8.5 ft NGVD to 9.0 ft. As a result, S-152 operations within the DPM project were allowed to continue from June 2018 until January 30, 2019, without the need to shut down and re-open due to stage constraints. This resulted in the longest flow duration the DPM project has experienced to date.

- The WQB upgraded the LIMS in the District Chemistry laboratory. Moving forward with the LIMS upgrade allows for full adoption of Windows 10 and greater compatibility with District IT standards. Browser technology allows for simpler distribution of computers and user management since users only need access to a supported browser (Internet Explorer or Chrome).

2.0 Land Acquisition, Restoration and Public Works

- Executed seven three-year work order contracts, with a potential for two, one-year extensions which provide a mechanism for scientific support services in an expedited and efficient manner saving staff time and money as all-inclusive hourly rates are pre-negotiated. Four contracts are for Ecological and Environmental Scientific and Technology Support Services for Technical Support and three contracts are for Ecological and Environmental Scientific and Technology Support Services for University Support. The work order contracts are open for use by many different units within the District.

- Worked closely with the GIS team to develop an iPad collector application that improved the recording of SAV surveys. The field application records the location of the survey, takes photographs of the site, and permits data entry. This allowed data maps to be generated in minutes instead of hours, reduced data QAQC, and reduced level of effort by at least a third.

- Invested in relatively inexpensive, manually deployable, and downloadable dissolved oxygen (DO) monitoring sensors to allow monitoring to continue when telemetry outages and other equipment problems occur. This is to avoid gaps in this crucial data stream.

- Staff adopted use of ESRI Collector software during helicopter overflights. The app is easier to use for data collection than previous products used and has streamlined workflow by reducing the time spent hovering over each site by approximately half the amount of time and saved fuel costs.

- Worked with the IT/GIS group to create a data entry form in iPad Arc Collector software that streamlined vegetation management survey data collection in the field. This allowed direct data entry into excel and eliminated the need for transcription of data from handwritten data sheets; a time saving measure that reduced data collection and entry time by approximately 15 percent.

- Eliminated the use of ethanol preservative for storing small fish and aquatic invertebrate samples by freezing samples in water instead; reduced the cost of both preserving and shipping the samples for processing by approximately $200 per year.

3.0 Operation and Maintenance of Lands and Works

<u>Land Resources - Vegetation Management</u>

- Managed the District's volunteer program which provided 9,708 hours of volunteer time performing functions such as trail and facility maintenance, water-way clean-ups, campground host activities, and providing environmental education programs. This program provided in-kind services valued at $233,380 at the standard volunteer rate of $24.04 per hour.

- Conducted certified burns to remove 650 brush piles and 1150 acres of standing vegetation to assist in the STA-5/6 scraping project, which saved the District an estimated $40,000 in contracting costs while meeting the accelerated timeline for the STA-5/6 scrape-down project.

- Applied for and received a $43,000 grant from the Florida Department of Agriculture and Consumer Services – Florida Forest Service to assist in funding prescribe burn activities on Lake Okeechobee.

- Implemented new invasive cane grass management strategy in the Frog Pond project lands area to achieve sustainable native vegetation restoration. Work involved unique applications of prescribed fire and herbicides over 1,420 acres. In addition, planted 4,000 South Florida slash pines within the restoration to foster long-term plant community resiliency.

- Completed inspection process optimization for vegetation management contractual services. In collaboration with the IT Applications Bureau, the Vegetation Management Section developed a mobile solution for automated contractor inspections and report generation. The mobile, tablet-based inspection process has reduced staff time by at least 30% and facilitated more accurate and timely reports as mandated by NPDES permits. The new process is now integrated throughout the Field Operations Division (Field Stations, Land Stewardship, Vegetation Management).

- In collaboration with the Finance and IT Applications Bureaus, developed an optimized and automated payment system for Burmese python removal contractors. Initial results suggest at least a 20% reduction in staff time.

- Implemented new STA SharePoint coordination protocol for all SFWMD activities in the STA's. Previous coordination among numerous agency teams working in and around STA treatment cells created logistics and safety problems. The new SharePoint has streamlined communication and saved STA Coordinators significant time when scheduling activities.

- Developed an Emergency Debris Mobile Monitoring application, in collaboration with the IT Applications Bureau. The monitoring application will allow the District to monitor emergency debris clearance and hauling operations accurately and efficiently for Federal reimbursement.

Infrastructure Management Section

- In order to have real time review capabilities of the data required under the DEP Air Permitting Program, the District installed equipment necessary to send live data back to District Headquarters for 4 of the 19 pump stations regulated under the "National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines/40 CFR 63, Subpart ZZZZ".

SCADA Section

- Reorganized B-271 Warehouse Bay area in order to eliminate end of life technology, create valuable floor space for material receiving and prevent safety hazards, decrease

staff retrieval times relevant to material deployment, and improve healthy environmental conditions within the work area.

- Initiated planning efforts for the replacement of obsolete equipment including the Motorola Remote Telemetry Units, the Campbell Scientific Data Recorders, and the Microwave Communication Radios.

Survey and Mapping Section

- Advancements in Drone mapping and survey services increased efficiency, production, and enhanced safety operations.

- Implemented new hydrographic survey equipment that increased efficiency and data-collection production rates.

General Services

- Closed Forsyth Warehouse saving $18,000 annually.

4.0 Regulation

- Water Use and ERP 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 requests 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 an overall reduction in the number of applications in-house for extended periods of time.

5.0 Outreach

- The recently redesigned website was designed with a platform that allows Public Affairs staff to now troubleshoot as well as create and post pages without assistance from IT staff. Overall, this accessibility reduces resource time and effort, increasing efficiency and improving functionality on the external website for quick-turn-around information and timely postings regarding South Florida water resources.

6.0 District Management and Administration

- Collaborated with IT in Implementing an automated process of creating storm-related Internal Orders, which are necessary for collecting costs during emergency events. The new process is much more efficient and reduces rework as it uses real-time, accurate data from SAP.

- Team of the month for Python Payment Enhancements. Lead a team consisting of members from several District organizations as well as collaborating with the District's bank in the implementation of direct deposit for the Python Elimination Program vendors. This effectively converted their payment stream from cash thereby reducing risk yet still providing a degree of immediate gratification. By implementing this new process, many District staff hours are saved each month and the hunters time to process their snakes has been significantly reduced.

- Migrate the Land and Vegetation Management Tracking and Reporting application from the legacy technology to a modern, supportable system. This project will improve the

work order management process by integrating with planning and scheduling. The new and improved system will enable mobile off-line capabilities for District and Contractual staff.

- Provided direct support to Field Operations and Land Management Division to manage SAP Plant Maintenance (PM) master data quality improvement efforts for the District's maintenance of flood control and fleet operations. Efforts focused on conduct of a communication plan between field station planner/schedulers, Plant Maintenance activity type standards and historical analysis/reporting tools development to improve SAP master data quality necessary to make Plant Maintenance even more valuable to District maintenance operations. Developed a process system in the field stations that coordinates: the training of new/promoted personnel into using Plant Maintenance, the creation of data quality reports that show catch errors in the SAP system before they create issues and developed data quality training tools that help fix the errors when they are made by personnel.

- Directed data-mining process across all the District's databases to ensure that the FL-SOLARIS Facility Inventory Tracking System (FITS) Report was updated, QA/QC'd and delivered to State of Florida Department of Management Services (DMS) over thirty days prior to the 30 June deadline. Removed enormous amounts of District FTE effort from the old report development method by working with the GIS Section to create an automation tool that determines tax rates of each facility directly from District GIS databases. Utilized SAP Business Warehouse capabilities to preliminarily pull most of the required data fields from SAP and sent these reports to the Team members to review. These efforts considerably reduced the District FTE time required to develop, update, and review the report this year.

- Developed complex Vendor Performance Evaluation tracking sheet which will enable Contract Specialists and District Project Managers to project and monitor Vendor Performance Evaluations in a more efficient manner.

- District-wide implementation team was assembled to bring online the necessary module components enable automated repair parts ordering within the District's SAP system. This task involved configuring, linking and testing hundreds of code subroutines in SAP in a three-month period in order to hit a March 2019 deadline to start the ongoing live testing of the system at the West Palm Beach Field Station. The new SAP system allows the field station parts coordinators to set minimum and maximum stocking levels on highly used repair and maintenance parts and have SAP automatically order parts when the minimums are met. This prototyped tested effort will save numerous labor hours currently associated with manually ordering field station parts. It also brings efficiency to the procurement effort toward repair parts. The implementation of Material Resource Planning (MRP) has been accomplished at West Palm Beach field station and is now being implemented at the District's other field stations.

- Benefits realized savings demonstrated from implementation of Cigna 90 day now pharmacy program- savings estimated at over $250,000.

- Environmental Resource Permits (ERP) will be completely migrated from a 20-year-old legacy technology onto the new business process management platform. This will integrate and streamline the ERP permitting and compliance into a single efficient application.

III. BUDGET HIGHLIGHTS

- The next generation of DBHydro, called “DBHydro Insights” will be launched in 2019. This new application is powered by One Parameter which reduces the complexity of finding and correlating historical time-series data. It will integrate with the District’s multi-media libraries and provide insights into the agency’s hydrological data with single click navigation.

- District earned a rebate in the amount of $104,637 from Bank of America for use of the P-Card and e-payable program.

III. BUDGET HIGHLIGHTS

B. Goals, Objectives and Priorities

Chapter 373, F.S., authorizes the District to direct a wide range of initiatives, programs, and actions. These responsibilities are grouped under four core mission areas by statute: water supply, water quality, flood protection and floodplain management, and natural systems.

The District's objective in developing its budget is to maximize the return on taxpayer investment and protect the region's water resources. To that end, the District's available resources in the Fiscal Year 2019-20 Tentative Budget are allocated to ensure support of key activities within its core mission: flood control, water supply and natural systems / water quality.

The Strategic Plan is a key component of the District's integrated business cycle. It establishes the overall policy direction and strategic priorities set by the Governing Board to carry out the agency's core mission responsibilities. Serving as the agency blueprint for long-term planning and implementation, the Strategic Plan provides overarching guidance in development of the annual budget and work plan and the success indicators used for measuring progress.

The District has developed the recommended draft Fiscal Year 2020-2025 Strategic Plan, which is available online at www.sfwmd.gov. The current draft is available for public comment to provide the opportunity to help shape water resource investment strategies going forward into the next five years. The Strategic Plan reflects the District's commitment to meeting the four core mission areas outlined below.

1. Flood Control: Ensuring and Managing Water Flow.
2. Water Supply: Safeguarding and Expanding Water Resources.
3. Natural Systems / Water Quality: Protecting and Restoring Ecosystems.
4. Mission Support: Delivering Efficient and Cost-Effective Services.

III. BUDGET HIGHLIGHTS

Area of Responsibility (AOR)	Strategic Plan Goal	Fiscal Year 2019-20 Tentative Budget
Flood Control: Refurbish, replace, improve and manage the components of our water management system by:	• Implementing flood control infrastructure refurbishment projects • Incorporating new works into water management system operations • Operating the water management system to meet flood control and water supply needs • Coordinating with the U.S. Army Corps of Engineers on infrastructure inspections and results • Coordinating with state/federal partners and assisting local governments to determine level of flood protection • Optimizing infrastructure maintenance by adhering to, or exceeding, industry standards and best practice	$163,286,309
Water Supply: Meeting the water needs of the environment and preparing for current and future demands of water users by:	• Encouraging development of alternative water supply projects to diversity water supply • Developing and implementing regional water supply plans in coordination with local governments and the public • Promoting water conservation measures • Utilizing regulatory permitting and compliance authority • Using water reservation and minimum flow & minimum water level authorities to protect water for natural systems	$198,226,962
Natural Systems / Water Quality: Expediting critical Everglades restoration projects by:	• Completing and implementing ongoing and new restoration projects • Maximizing use of available water storage features • Implementing solutions to improve water quality treatment, reduce nutrient loads and reduce the occurrence of harmful algae blooms • Managing invasive exotic and nuisance vegetation on District lands • Increasing access and recreational opportunities on public lands	$542,655,680

Mission Support: Ensuring South Florida taxpayers receive efficient and effective customer service by:	• Focusing resources on core functions, minimizing administrative costs and measuring performance • Ensuring accountability, transparency and public involvement in agency decisions • Employing and developing a high-quality, diverse workforce	$37,688,589

III. BUDGET HIGHLIGHTS

C. Budget Summary

1. Overview

The Fiscal Year 2019-20 Tentative Budget demonstrates the District's commitment to protecting Florida's water and restoring water resources. The District continues to focus on mission critical areas, completing District projects and funding capital investment in the region.

The Fiscal Year 2019-20 Tentative Budget is $941,857,540 which is $127,960,487 (15.7 percent) higher than the Adopted Fiscal Year 2018-19 Budget of $813,897,053. The increase is primarily due to additional state funds appropriated in the 2019 Legislative session, and fund balance included in the budget for projects. The District's largest revenue sources are state sources ($406,911,718), ad valorem property taxes ($284,266,900), and prior year cash balances ($175,634,071).

The Fiscal Year 2019-20 Tentative Budget includes $284,266,900 of ad valorem property tax revenue. This estimated ad valorem revenue is based on growth in new construction to offset the reduction from the Value Adjustment Board petition hearing decisions, and adjustment of the discount rate based on collection trends. Estimated ad valorem revenues are $284,266,900 (30.2 percent) of total projected revenue sources, compared to $277,317,500 (34.1 percent) of the Fiscal Year 2018-19 Adopted Budget.

Total anticipated state sources in the Fiscal Year 2019-20 Tentative Budget are $406,911,718 (43.2 percent) and the total estimated federal sources are $9,155,354 (0.9 percent). In the Fiscal Year 2018-19 Adopted Budget, the total state sources are $337,113,253 (41.4 percent) and the federal sources are $9,622,745 (1.2 percent).

The revenue sources that make up the remaining portion of the Fiscal Year 2019-20 Tentative Budget are agricultural privilege taxes, permit fees, reserves, and other sources for $241,523,568 which represent 25.6 percent of the total budget up from the $189,843,555 of 23.3 percent of the Fiscal Year 2018-19 Adopted Budget for the same revenue sources due to the higher allocated reserves.

In accordance with Section 373.536(5), F.S., the District is submitting this Fiscal Year 2019-20 Tentative Budget for legislative review on August 1, 2019. The table on the following page provides a summary of the source and use of funds, fund balance, and workforce and includes a comparison of the Fiscal Year 2018-19 Adopted Budget to the Fiscal Year 2019-20 Tentative Budget.

III. BUDGET HIGHLIGHTS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

SOURCE AND USE OF FUNDS, RESERVES AND WORKFORCE

Fiscal Years 2018-19 and 2019-20

TENTATIVE BUDGET - Fiscal Year 2019-20

	Fiscal Year 2018-19 (Adopted)	New Issues (Increases)	Reductions	Fiscal Year 2019-20 (Tentative Budget)
SOURCE OF FUNDS				
Estimated Beginning Reserves @ 9/30/2018	$ 340,799,242	$ 98,852,563	$ -	$ 439,651,805
District Revenues	338,950,614	9,376,583	-	348,327,197
Debt	-	-	-	-
Local Revenues	379,200	1,450,000	-	1,829,200
State Revenues	337,113,253	69,798,465	-	406,911,718
Federal Revenues	9,622,745	-	(467,391)	9,155,354
Unearned / Unavailable Revenue @ 9/30/2018	-	-	-	-
SOURCE OF FUND TOTAL	**$ 1,026,865,054**	**$ 179,477,611**	**$ (467,391)**	**$ 1,205,875,274**
USE OF FUNDS				
Salaries and Benefits	$ 147,298,781	$ 2,305,154	$ (2,305,154)	$ 147,298,781
Other Personal Services	275,775	27,966	(104,036)	$ 199,705
Contracted Services	95,017,207	59,379,973	(51,960,876)	$ 102,436,304
Operating Expenses	125,550,114	19,090,776	(4,099,522)	$ 140,541,368
Operating Capital Outlay	27,095,718	25,304,337	(13,711,742)	$ 38,688,313
Fixed Capital Outlay	318,682,004	206,612,975	(115,530,804)	$ 409,764,175
Interagency Expenditures (Cooperative Funding)	8,328,492	4,430,668	(1,457,730)	$ 11,301,430
Debt	30,393,625	35,878	(57,376)	$ 30,372,127
Reserves - Emergency Response	61,255,337	-	-	$ 61,255,337
USE OF FUNDS TOTAL	**$ 813,897,053**	**$ 317,187,727**	**$ (189,227,240)**	**$ 941,857,540**
Unearned / Unavailable Revenue @ 9/30/2018 (Estimated)				
	$ -		$ -	$ -
				-
				-
				-
TOTAL UNEARNED REVENUE	**$ -**	**$ -**	**$ -**	**$ -**
RESERVES (ESTIMATED @ 9/30/2018)				
Nonspendable	$ 20,597,011	$ -	$ -	$ 20,597,011
Restricted	357,836,364	-	(153,440,656)	204,395,708
Committed	39,025,015	-	-	39,025,015
Assigned	22,193,415	-	(22,193,415)	-
Unassigned	-	-	-	-
TOTAL RESERVES	**$ 439,651,805**	**$ -**	**$ (175,634,071)**	**$ 264,017,734**
WORKFORCE				
Authorized Position (Full-Time Equivalents/FTE)	1,475	-	-	1,475
Contingent Worker (Independent Contractors)	-	-	-	-
Other Personal Services (OPS)	4	-	(1)	3
Intern	-	-	-	-
Volunteer	-	-	-	-
TOTAL WORKFORCE	**1,479**	**-**	**(1)**	**1,478**

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

III. BUDGET HIGHLIGHTS

Notes:

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

Reserves Fiscal Year 2017-18 - Total Governmental Funds	**$**	**476,159,591**
Plus Total Net Position Fiscal Year 2017-18 - Internal Service Funds		12,471,625
Subtotal Total Beginning Reserves/Net Assets Fiscal Year 2017-18		488,631,216
Less Carryforward Encumbrances from Non-Reimbursement Funds		(147,831,974)
Beginning Estimated Reserves Available for Allocation Fiscal Year 2018-19	**$**	**340,799,242**

2) Uses of Funds (New Issues - Increases) include $139,965,270 in funds that will be rebudgeted in Fiscal Year 2019-20 (see below).

Rebudget Items		Amount
Hurricane/Emergency Reserves	$	61,255,337
2018 SA EAA: CEPP EAA STA & Components	$	36,242,978
2017 SB10 EAA Reservoir	$	20,870,086
C-139 Annex Restoration	$	4,000,000
S-332 B/C Design	$	3,482,334
2018 SA EAA: CEPP South Old Tamiami Trail Removal	$	3,295,000
2018 SA EAA: CEPP C44/C23 Intercon	$	3,000,000
Tax Collector & Property Appraiser Fees	$	2,716,308
Central Florida Water Initiative (CFWI)	$	1,632,790
Restoration Strategies Science Plan	$	1,037,171
BBCW Project Enhancements	$	920,853
Big Cypress Basin Intergovernmental Projects	$	439,495
Kissimmee River ASR	$	403,002
Boma Cost to Cure (State Road 80 Widening)	$	261,940
Public Outreach Survey	$	125,000
Florida Bay and Coastal Wetlands Project	$	113,476
ALM SOFTWARE REPLACEMENT	$	100,000
2017 SB10 C-51 Phase 2 Negotiations	$	40,000
Boma Mesocosms	$	19,500
Vegetation Exotics Cell 17/18	$	10,000
Grand Total	**$**	**139,965,270**

III. BUDGET HIGHLIGHTS

According to Section 373.536(5), F.S., the Executive Office of the Governor may approve or disapprove, in whole or in part, the District's budget. Additionally, any individual variances in the District's Tentative Budget more than 25 percent from the District's Preliminary Budget may be rejected by the Legislative Budget Commission. Written disapproval of any provision in the Tentative Budget is to be provided to the District at least five business days before the District's final budget adoption hearing scheduled in September and must be excluded from the final budget.

The Fiscal Year 2019-20 Tentative Budget for Program 2.0 Land Acquisition, Restoration and Public Works exceeds the Fiscal Year 2019-20 Preliminary Budget by $129,920,752, or by 33 percent.

The increase of $129,920,752 is the result of additional State Funding appropriated to the District to implement the Governor's Priority Environmental Projects including $107,762,138 for CERP and $14,449,630 for Restoration Strategies, and $7,708,984 for Dispersed Water Management and the Northern Everglades and Estuaries Protection Plan.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
PRELIMINARY AND TENTATIVE BUDGET COMPARISON
Fiscal Year 2019-20

	Fiscal Year 2019-20 Preliminary Budget	Fiscal Year 2019-20 Tentative Budget	Difference in $ (Tentative -- Preliminary)	% of Change (Tentative -- Preliminary)
1.0 Water Resources Planning and Monitoring	$ 50,604,009	$ 51,650,861	$ 1,046,852	2.07%
2.0 Land Acquisition, Restoration and Public Works	$ 396,937,173	$ 526,857,925	$ 129,920,752	32.73%
3.0 Operation and Maintenance of Lands and Works	$ 304,867,134	$ 302,817,045	$ (2,050,089)	-0.67%
4.0 Regulation	$ 21,917,587	$ 21,767,846	$ (149,741)	-0.68%
5.0 Outreach	$ 1,131,666	$ 1,075,274	$ (56,392)	-4.98%
6.0 District Management and Administration	$ 37,672,218	$ 37,688,589	$ 16,371	0.04%
TOTAL	**$ 813,129,787**	**$ 941,857,540**	**$ 128,727,753**	**15.83%**

C. Budget Summary

2. Adequacy of Fiscal Resources

Evaluation of Fiscal Resources Over a Five-Year Horizon:

The evaluation of fiscal resources over a five-year span is required to ensure sustainable funding for all projects and plans set forth by the District. This evaluation includes the District's long-term funding plan, demonstrating the District's ability to adequately address the core mission AORs.

The District's Fiscal Year 2019-20 Tentative Budget of $941,857,540 and future years horizon is focused on ongoing progress in environmental restoration and water resource projects throughout South Florida while ensuring the District continues to deliver on its mission-critical strategic priorities of flood control, water supply, water quality and natural systems in partnership with DEP implementing the Governor's priorities.

This Fiscal Year 2019-20 Tentative Budget was presented and discussed at the June Budget Workshop as well as updates presented at the July Governing Board meetings. Additional direction on usages of reserve balances and any recurring revenues to implement the District's mission-critical responsibilities may be discussed prior to the Fiscal Year 2019-20 tentative and final budget adoption in September. For the current Fiscal Year 2019-20 development and future budgets, the District will continue to align available revenues to focus on projects that have been identified in accordance with the Governor's Executive Order and District's prioritized project list.

As illustrated at the end of this section by the long-term funding plan graph, over the next five-years, the District's reserve balances have been dedicated to multi-year projects/efforts necessary to improve the quantity, quality, timing and distribution of water in the Northern and Southern Everglades as well as implementation of improvements to support the operation and maintenance of the water management system. The District's projected recurring revenues are forecasted to be equivalent to its operating expenses.

District Revenue Sources:

Ad Valorem Tax Revenue

The Governing Board continues the commitment to deliver on core mission functions while maximizing the efficient use of South Florida taxpayer investments. The Fiscal Year 2019-20 Tentative Budget estimates Ad Valorem Taxes of $284,266,900 which is $6,949,400 more than the Fiscal Year 2018-19 Adopted Ad Valorem Taxes of $277,317,500. The estimated increase of $6,949,400 is the net impact of new construction growth, reductions from Value Adjustment Board petition hearings, and the increase from adjusting the discount rate from the statutory minimum of 95 percent to 96 percent based on collection trends above the budgeted estimates.

As part of the anticipated recurring revenue sources, the following five-year expenditure and revenue financial forecast table includes revenue growth estimates based on the Office of Economic and Demographic Research (EDR) estimates. The growth in ad valorem revenue is used to fund Operations and Maintenance of new facilities projected to come on line and

refurbishment projects in support of the Operations and Maintenance capital program of the water management system.

The District's work is achieved through ad valorem revenues and continued support from the Florida Legislature through state appropriations. The District also relies on federal and local funding sources, reserve balances, fees, investment earnings and agricultural privilege taxes to deliver the current level of service to our customers.

State Revenue Sources

The District's 2019-20 Tentative Budget contains $406,911,718 in state revenue sources: $21,197,123 from prior year state appropriations, $7,012,034 from Florida Fish and Wildlife Conservation Commission, $2,567,118 from FDOT - Alligator Alley Toll Revenue, $200,000 Everglades License Tag, $124,230 from FDACS for prescribed burns and $375,551,131 of new state revenues appropriated from the 2019 Legislative Session. The approved Legislative funding includes the continuation of land management, the Restoration Strategies Plan for addressing Everglades water quality, Comprehensive Everglades Restoration Plan (CERP) projects, planning of future CERP projects, and for Northern Everglades and Estuaries Protection Program projects.

Future state revenue source requests are consistent to support multi-year restoration projects such as Restoration Strategies, CERP in accordance with the integrated delivery schedule, dispersed water management recurring operational requirements and Northern Everglades. Some of the state sources are classified as recurring over this five-year horizon in accordance with prior year appropriations language, such as $32,000,000 for Restoration Strategies and $64,000,000 for the Everglades Agricultural Area Storage Reservoir Conveyance Improvements and Stormwater Treatment Area Project pursuant to Subsection 375.041(3)(b)4, Florida Statutes.

Future state sources for non-project related expenses such as Land Acquisition Trust Fund for land management and dispersed water management operations and Florida Fish and Wildlife Conservation Commission revenues for exotic and aquatic plant control are classified as recurring state sources to cover recurring expenses.

The District works cooperatively with DEP prior to the Legislative Session to provide the upcoming multi-year project needs through a legislative budget request as well as with Florida Fish and Wildlife to identify upcoming exotic and aquatic plant control work plan tasks. The District's funding requests to the Florida Legislature support the Governor's priorities for continued commitment to Everglades Restoration for Restoration Strategies, CERP, and NEEPP.

Other Revenue Sources

Other sources include environmental resource, water use, compliance and right-of-way permit fees, lease revenue, investment earnings, local and federal sources, surplus sale of District property. Fiscal Year 2019-20 projected forecasts include increases in investment earnings of $1,760,000 based on the latest five-year collection trend. Investment earnings are expected to be approximately $11 million for Fiscal Year 2018-19. This is 80% above Fiscal Year 2018-19 budgeted earnings of $6.1 million. Investment earnings through May, 2019 are $8 million. Additionally, an increase in lease revenue of $651,561 is based on updated lease agreements. Federal revenues from USACE are forecasted to increase over

the five-year horizon for the OMRR&R cost share, mostly for CERP new works planned to come online over the next five years. The receipt of federal revenues from USACE continue to have uncertainties.

Accumulated Reserves

The District categorizes Reserves into two groups to aid with Governing Board discussions - **with** restrictions and **without** restrictions.

- With Restrictions – fund balances that Governing Board has limited allocation authority due to funding source restrictions.
- Without Restrictions – fund balances that Governing Board has discretionary allocation authority.

The District's total audited prior year accumulated Reserves is $439,651,805 which is comprised of $20,597,011 of non-spendable Reserves, $252,351,603 of Reserves with restrictions and $166,703,191 of Reserves without restrictions. The $20,591,011 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 are not available to be used on projects and have not been included in the Long-Term Funding Graph nor the District's 5-Year Reserve Allocation.

The remaining reserve balance amount of $419,054,794 is available for usage towards funding the Districts future budgets, but some of the funds have restrictions on their usages. $252,351,603 of the available Reserves with restrictions may only be used on expenses as defined by the source. Balances are listed below and are included in the Projected Utilization of Reserves Table:

Core Mission	Designations (Description of Restrictions)	Total Projected Designated Amounts at September 30, 2019
RESTRICTED		
WS WQ NS	Future Land Acquisition (Surplus Land Sales Revenues)	17,097,658
WS WQ NS	Alligator Alley Tolls, Everglades License Tag Balances	3,755,601
WS WQ NS	Boma Improvements - FDOT SR80 Widening	31,639
WS WQ FP NS	Indian River Lagoon Estuarine Projects (IRL Tag)	182,514
WS WQ FP NS	Land Management (Lease Revenue)	13,154,304
WS WQ FP NS	Mitigation - Lakebelt/Wetland	70,969,558
WS WQ FP NS	Hurricane/Emergency Reserves	45,512,602
WS WQ FP NS	Big Cypress Basin	4,102,282
WS WQ FP NS	Self-Insurance Programs	12,162,325
WS WQ FP NS	S-332 B,C,D Replacement Payment from USACE	4,111,095
WS WQ NS	Florida Bay Seagrass Monitoring	644,951
WS WQ NS	2017 Senate Bill 10 Projects Pursuant to 375.041(3)(b)4 F.S	63,808,289
	RESTRICTED SUBTOTAL	**235,532,818**
ASSIGNED		
WS WQ NS	Future Land Acquisition (Surplus Land Sales Revenues)	5,196
WS WQ NS	L-31 East Flow Way	1,070,854
WS WQ FP NS	Hurricane/Emergency Reserves*	15,742,735
	ASSIGNED SUBTOTAL	**16,818,785**
TOTAL		**252,351,603**

$166,703,191 of the available reserves are without restrictions. There is $46,095,925 retained for Budget Stabilization and Future Expenditures to be Determined by the Board. The usage of the reserves without restrictions are still under review and to be further discussed prior to September final adoption. Balances are listed below and are included in the Projected Utilization of Reserves Table:

Core Mission	Designations (Description of Restrictions)	Total Projected Designated Amounts at September 30, 2019
RESTRICTED		
WS WQ NS	Dissolved Oxygen Enhance/Expansion	57,387
WS WQ NS	Tax Collector & Property Appraiser Fees	1,472,728
WS WQ NS	Decomp Physical Model	415,000
WS WQ NS	KRREP Fish Telemetry Study	69,000
WS WQ NS	Kissimmee River Restoration Evaluation Lower Basin, Gardner Cobb & Lake Okeechobee Aerial Imagery	92,500
WS WQ NS	Kissimmee ASR	612,145
WS WQ FP NS	NEEPP & EFA Source Controls	50,000
WS WQ FP NS	Budget Stabilization & Future Expenditures to be Determined by the Board	26,323,817
WS WQ FP NS	O&M New Works	3,568,152
WS WQ FP NS	O&M Operations Decision Support System	985,000
WS FP	O&M Canal Conveyance Program	300,000
WS FP	O&M Okeechobee Field Station	11,426,415
WS WQ NS	Restoration Strategies	75,757,318
WS WQ NS	C-44	574,084
WQ FP	O&M Vertical Datum Upgrade	600,000
	RESTRICTED SUBTOTAL	**122,303,546**
COMMITTED		
WS WQ NS	Decomp Physical Model	415,000
WS WQ NS	KRREP Fish Telemetry Study	69,000
WS WQ NS	Kissimmee River Restoration Evaluation Lower Basin, Gardner Cobb & Lake Okeechobee Aerial Imagery	37,500
WS WQ FP NS	NEEPP & EFA Source Controls	50,000
WS WQ FP NS	Budget Stabilization & Future Expenditures to be Determined by the Board	19,772,108
WS WQ FP NS	O&M New Works	7,023,683
WS WQ FP NS	O&M Operations Decision Support System	400,000
WS FP	O&M Canal Conveyance Program	1,100,000
WS FP	O&M Flood Protection Level of Service	1,800,000
WS WQ NS	Restoration Strategies	8,357,724
	COMMITTED SUBTOTAL	**39,025,015**
ASSIGNED		
WS WQ NS	Tax Collector & Property Appraiser Fees	1,243,580
WS WQ FP NS	IT Regulation Software Roadmap	272,200
WS WQ FP NS	Operations Emergency Model Forecast Tool	150,000
WS WQ FP NS	IT SAP Suite on HANA Implementation	611,520
WS WQ FP NS	IRL National Estuary Program Projects	500,000
WS WQ FP NS	NEEPP & EFA Source Controls	20,000
WS WQ FP NS	O&M New Works	100,040
WS WQ FP NS	IT ALM Software Replacement	100,000
WS WQ FP NS	Public Engagement Survey	125,000
WS FP	O&M Flood Protection Level of Service	600,000
WS NS	Central Florida Watershed Initiative (CFWI)	1,632,790
WS WQ NS	C-43 Water Water Quality Testing Facility (Boma)	19,500
	ASSIGNED SUBTOTAL	**5,374,630**
TOTAL		**166,703,191**

The Fiscal Year 2019-20 Tentative Budget includes $175,634,071 from accumulated Reserves; $162,223,269 are Reserves with restrictions and $13,410,802 are Reserves without restrictions. There is $61,255,337 of restricted Reserves are maintained annually to address hurricane/tropical weather impacts or emergencies.

It is at the end of the five-year plan, the Hurricane/Emergency Reserves of $61,255,337 will be re-appropriated within each fiscal year and remain available in addition to the $103,217,211 retained (excludes the $20,597,011 non-spendable), unless needed or

appropriated by the Governing Board prior to the Adopted Budget. Investment proposals were presented at the June Governing Board workshop to utilize some of the retained funding and follow-up discussions to finalize are planned prior to September. More detail on the retained balances follow.

Long-term Funding Plan

The District continues to look for efficiencies and cost saving measures. The District has also taken measures, as indicated in the 5-Year Reserve Allocation, to set aside sufficient reserve balances. To stay abreast of future increases, 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, Big Cypress Basin operations, and Restoration Strategies. In the Fiscal Year 2019-20 Tentative Budget, the District's recurring revenues are equivalent to its operating expenses. The District's reserve balances have been dedicated to multi-year projects/efforts necessary to improve the quantity, quality, timing and distribution of water in the Northern and Southern Everglades and implementation of improvements to support the operation and maintenance of the water management system. Additionally, at any time and in accordance with Chapter 373, F.S., the District Governing Board may also change the priorities and usages of the remaining cash balances as the 5-Year reserves allocations are planned usages.

III. BUDGET HIGHLIGHTS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
PROJECTED UTILIZATION OF RESERVES
TENTATIVE BUDGET - Fiscal Year 2019-20

Core Mission	Designations (Description of Restrictions)	Total Projected Designated Amounts at September 30, 2019	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Remaining Balance
NONSPENDABLE								
n/a	Inventory Reserve - General Fund	0	0	0	0	0	0	0
n/a	Inventory Reserve - Okeechobee Basin	5,304,020	0	0	0	0	0	5,304,020
n/a	Inventory Reserve - Big Cypress Basin	210,440	0	0	0	0	0	210,440
n/a	Wetlands Mitigation Permanent Fund (principal portion)	15,082,551	0	0	0	0	0	15,082,551
	NONSPENDABLE SUBTOTAL	**20,597,011**	**0**	**0**	**0**	**0**	**0**	**20,597,011**
RESTRICTED								
WS WQ NS	Dissolved Oxygen Enhance/Expansion	57,387	57,387					
WS WQ NS	Future Land Acquisition (Surplus Land Sales Revenues)	17,097,658	8,813,339					8,284,319
WS WQ NS	Alligator Alley Tolls, Everglades License Tag Balances	3,755,601		31,307				3,724,294
WS WQ NS	Tax Collector & Property Appraiser Fees	1,472,728	1,472,728					
WS WQ NS	Boma Improvements - FDOT SR80 Widening	31,639	31,639					
WS WQ NS	Decomp Physical Model	415,000	415,000					
WS WQ NS	KRREP Fish Telemetry Study	69,000	69,000					
WS WQ NS	Kissimmee River Restoration Evaluation Lower Basin, Gardner Cobb & Lake Okeechobee Aerial Imagery	92,500	92,500					
WS WQ NS	Kissimmee ASR	612,145	483,002	129,143				
WS WQ FP NS	Indian River Lagoon Estuarine Projects (IRL Tag)	182,514	176,543	5,971				
WS WQ FP NS	Land Management (Lease Revenue)	13,154,304	687,220	687,220	687,220	687,220	687,220	9,718,204
WS WQ FP NS	Mitigation - Lakebelt/Wetland	70,969,558	20,899,692	10,780,371	6,780,371	4,780,371	4,780,371	22,948,381
WS WQ FP NS	NEEPP & EFA Source Controls	50,000	44,400	5,600				
WS WQ FP NS	Budget Stabilization & Future Expenditures to be Determined by the Board	26,323,817						26,323,817
WS WQ FP NS	Hurricane/Emergency Reserves	45,512,602	45,512,602					
WS WQ FP NS	Big Cypress Basin	4,102,282	1,039,495					3,062,787
WS WQ FP NS	Self-Insurance Programs	12,162,325	569,795	569,795	569,795	569,795	569,795	9,313,350
WS WQ FP NS	S-332 B,C,D Replacement Payment from USACE	4,111,095	4,111,095					
WS WQ FP NS	O&M New Works	3,568,152	505,900				3,062,252	
WS WQ FP NS	O&M Operations Decision Support System	985,000	985,000					
WS FP	O&M Canal Conveyance Program	300,000	300,000					
WS FP	O&M Okeechobee Field Station	11,426,415	1,400,000	4,963,207	4,563,208	500,000		
WS WQ NS	Restoration Strategies	75,757,318	1,037,171	17,569,907	55,642,920	1,507,320		
WS WQ NS	Florida Bay Seagrass Monitoring	644,951	115,000	115,000	115,000	115,000	115,000	69,951
WS WQ NS	C-44	574,084	574,084					
WS WQ NS	2017 Senate Bill 10 Projects Pursuant to 375.041(3)(b)4 F.S	63,808,289	63,448,064	360,225				
WQ FP	O&M Vertical Datum Upgrade	600,000	600,000					
	RESTRICTED SUBTOTAL	**357,836,364**	**153,440,656**	**35,217,746**	**68,358,514**	**8,159,706**	**9,214,638**	**83,445,103**
COMMITTED								
WS WQ NS	Decomp Physical Model	415,000		415,000				
WS WQ NS	KRREP Fish Telemetry Study	69,000		69,000				
WS WQ NS	Kissimmee River Restoration Evaluation Lower Basin, Gardner Cobb & Lake Okeechobee Aerial Imagery	37,500		37,500				
WS WQ FP NS	NEEPP & EFA Source Controls	50,000		50,000				
WS WQ FP NS	Budget Stabilization & Future Expenditures to be Determined by the Board	19,772,108						19,772,108
WS WQ FP NS	O&M New Works	7,023,683		1,175,706	2,165,946	1,738,171	1,943,860	
WS WQ FP NS	O&M Operations Decision Support System	400,000		200,000	200,000			
WS FP	O&M Canal Conveyance Program	1,100,000		300,000	400,000	400,000		
WS FP	O&M Flood Protection Level of Service	1,800,000		800,000	500,000	500,000		
WS WQ NS	Restoration Strategies	8,357,724			1,915,415	6,442,309		
	COMMITTED SUBTOTAL	**39,025,015**	**0**	**3,047,206**	**5,181,361**	**9,080,480**	**1,943,860**	**19,772,108**
ASSIGNED								
WS WQ NS	Future Land Acquisition (Surplus Land Sales Revenues)	5,196	5,196					
WS WQ NS	L-31 East Flow Way	1,070,854	1,070,854					
WS WQ NS	Tax Collector & Property Appraiser Fees	1,243,580	1,243,580					
WS WQ FP NS	IT Regulation Software Roadmap	272,200	272,200					
WS WQ FP NS	Operations Emergency Model Forecast Tool	150,000	150,000					
WS WQ FP NS	IT SAP Suite on HANA Implementation	611,520	611,520					
WS WQ FP NS	IRL National Estuary Program Projects	500,000	500,000					
WS WQ FP NS	NEEPP & EFA Source Controls	20,000	20,000					
WS WQ FP NS	Hurricane/Emergency Reserves*	15,742,735	15,742,735					
WS WQ FP NS	O&M New Works	100,040	100,040					
WS WQ FP NS	IT ALM Software Replacement	100,000	100,000					
WS WQ FP NS	Public Engagement Survey	125,000	125,000					
WS FP	O&M Flood Protection Level of Service	600,000	600,000					
WS NS	Central Florida Watershed Initiative (CFWI)	1,632,790	1,632,790					
WS WQ NS	C-43 Water Water Quality Testing Facility (Boma)	19,500	19,500					
	ASSIGNED SUBTOTAL	**22,193,415**	**22,193,415**	**0**	**0**	**0**	**0**	0
UNASSIGNED								
WS WQ FP NS	Economic Stabilization Fund	0	0	0	0	0	0	0
	UNASSIGNED SUBTOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**
TOTAL		**439,651,805**	**175,634,071**	**38,264,952**	**73,539,875**	**17,240,186**	**11,158,498**	**123,814,222**
	Remaining Fund Balance at Fiscal Year End		**264,017,734**	**225,752,782**	**152,212,907**	**134,972,721**	**123,814,222**	**0**

Assumes Hurricane/Emergency Reserves are re-appropriated each fiscal year unless needed.

WS = Water Supply: WQ = Water Quality: FP = Flood Protection: NS = Natural Systems

III. BUDGET HIGHLIGHTS

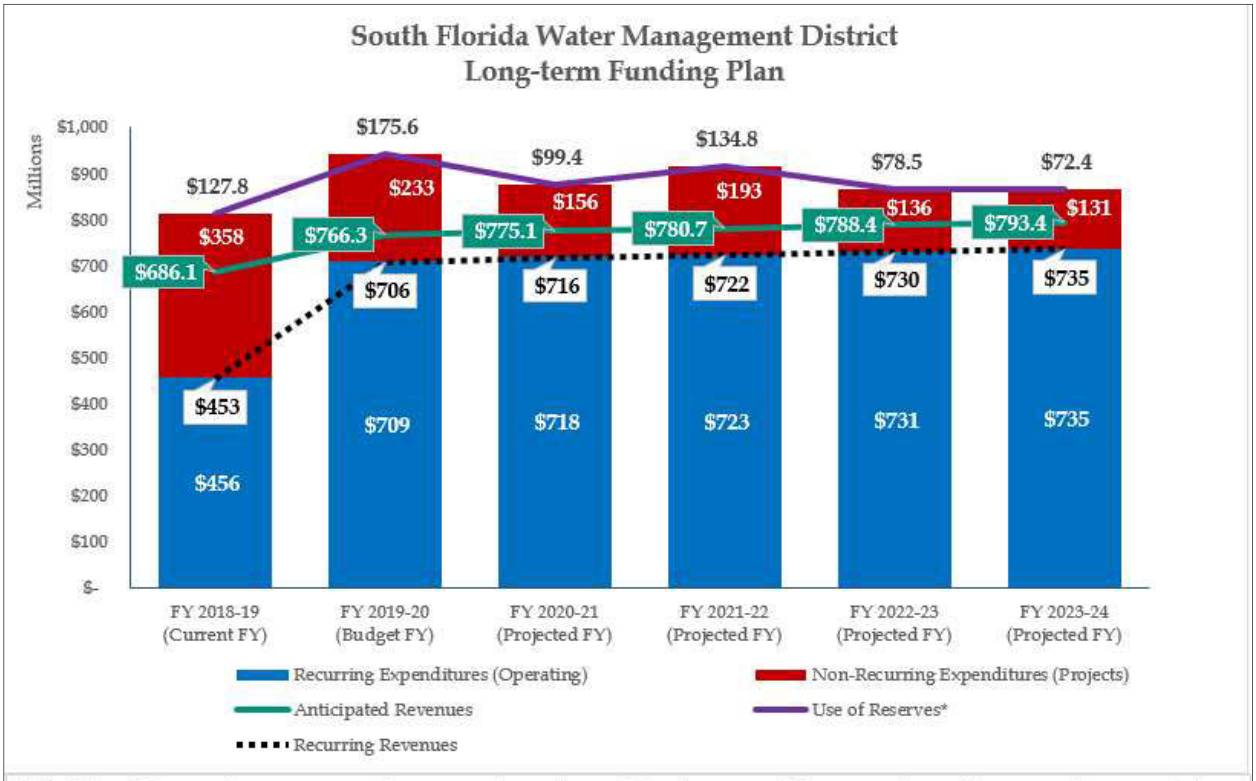
SOUTH FLORIDA WATER MANAGEMENT DISTRICT
USE OF RESERVES
Fiscal Year 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20

	TENTATIVE BUDGET - Fiscal Year 2019-20	SOURCES OF FUNDS						
		District Revenues	Reserves	Debt	Local	State	Federal	TOTAL
1.0 Water Resources Planning and Monitoring	51,650,861	4,389,703	-	-	-	291,543	-	4,681,246
2.0 Land Acquisition, Restoration and Public Works	526,857,925	12,496,457	-	-	-	63,408,064	-	75,904,521
3.0 Operation and Maintenance of Lands and Works	302,817,045	87,100,114	-	-	-	40,000	4,111,095	91,251,209
4.0 Regulation	21,767,846	272,200	-	-	-	-	-	272,200
5.0 Outreach	1,075,274	-	-	-	-	-	-	-
6.0 District Management and Administration	37,688,589	1,281,315	-	-	-	-	-	3,524,895
TOTAL	941,857,540	107,783,369	-	-	-	63,739,607	4,111,095	175,634,071

	USES OF FUNDS									
	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	-	-	694,226	764,668	34,000	1,357,314	1,831,038	-	-	4,681,246
2.0 Land Acquisition, Restoration and Public Works	13,035	-	3,177,070	3,872,584	7,890,387	60,788,405	163,040	-	-	75,904,521
3.0 Operation and Maintenance of Lands and Works	583,926	-	3,370,000	3,067,861	21,238,195	1,735,890	-	-	61,255,337	91,251,209
4.0 Regulation	-	-	272,200	-	-	-	-	-	-	272,200
5.0 Outreach	-	-	-	-	-	-	-	-	-	-
6.0 District Management and Administration	-	-	711,520	2,813,375	-	-	-	-	-	3,524,895
TOTAL	596,961	-	8,225,016	10,518,488	29,162,582	63,881,609	1,994,078	-	61,255,337	175,634,071

III. BUDGET HIGHLIGHTS

Below is a graph that displays the Fiscal Year 2019-20 Tentative Budget and proposed expense and revenue growth through Fiscal Year 2023-24. The bars represent expenses and the lines represent the projected revenues with the use of Reserves filling in for the revenue gap. The information in the graph below shows the rates at which Reserves (not including Nonspendable) are projected to utilized, with an assumption of $164,472,548 fund balance retained due to restricted, committed, or assigned uses after Fiscal Year 2023-24. The $164,472,548 includes $61,255,337 for Hurricane/Emergency Reserves; $8,284,319 for future land acquisitions from sale of surplus land sales, $3,724,294 for Everglades License Tag and Alligator Alley Funds for conservation and protection of the Everglades; $22,948,381 in lake belt mitigation funds to cover lake belt committee priorities, C-139 restoration project and land management as well as wetlands mitigation funds to cover future land management on wetlands projects and banks; $9,718,204 from lease revenues including leases on lands purchased with federal funds; $3,062,787 of Big Cypress Basin funds for the Basin Board to allocate for priorities; $9,313,350 to cover actuarially determined Self-Insurance Liabilities and Office of Insurance Regulation Health Insurance Claims requirements; $46,095,925 for budget stabilization and for future allocation by the District Governing Board for priorities. The $61,255,337 hurricane/emergency reserve is shown re-budgeted every year in anticipation of not having to utilize the authority.



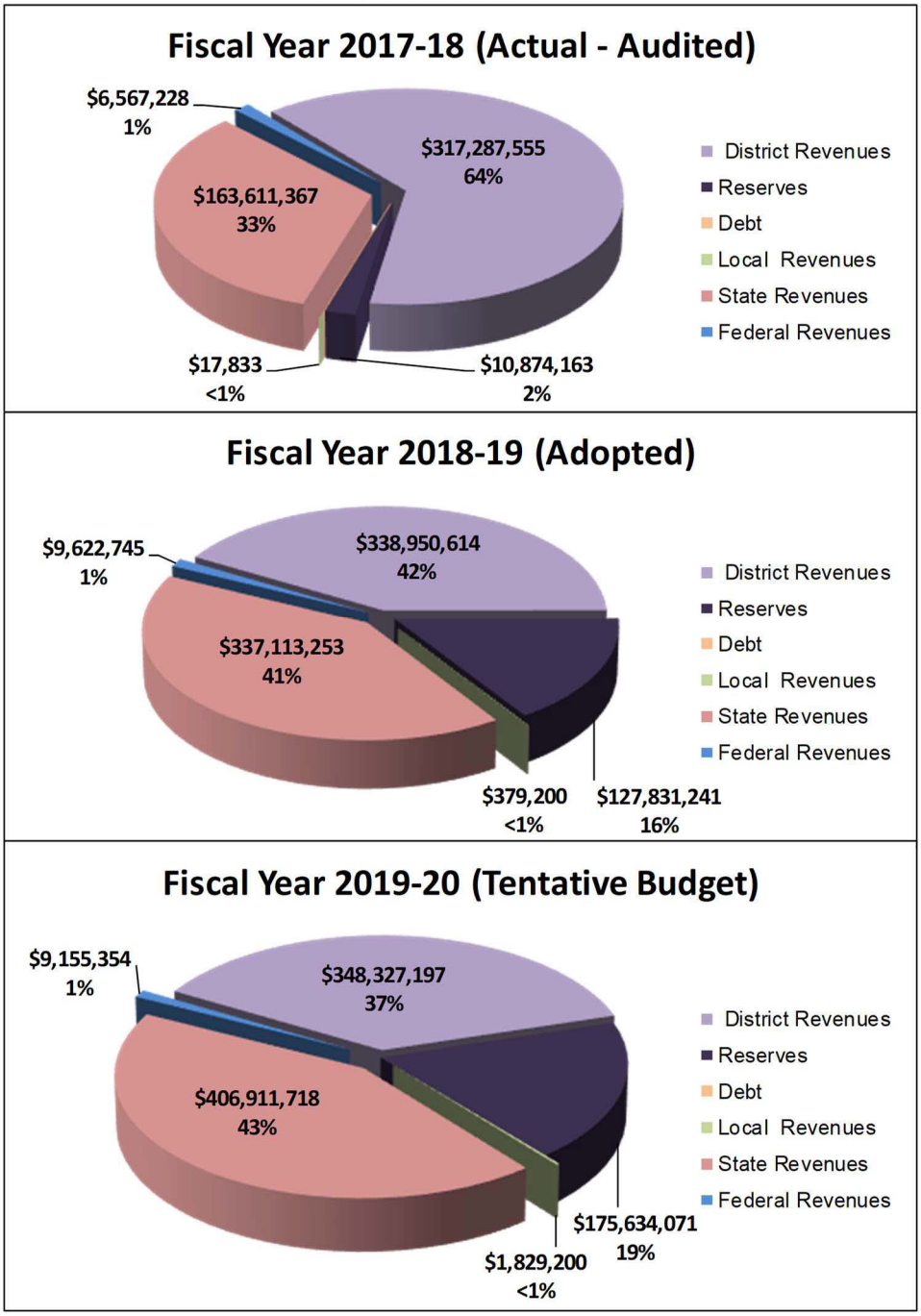
* The Use of Reserves line represents the amount above (beyond) the Anticipated Revenues that will be required to meet both the Recurring and Non-Recurring costs for each fiscal year. This amount is provided above the column for each fiscal year.

III. BUDGET HIGHLIGHTS

C. Budget Summary

3. Source of Funds Three-Year Comparison

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
TENTATIVE BUDGET - Fiscal Year 2019-20
REVENUES BY SOURCE



III. BUDGET HIGHLIGHTS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SOURCE OF FUNDS COMPARISON FOR THREE FISCAL YEARS
Fiscal Years 2017-18 (Actual - Audited) 2018-19 (Adopted) 2019-20 (Tentative)
TENTATIVE BUDGET - Fiscal Year 2019-20

SOURCE OF FUNDS	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
District Revenues	317,287,555	338,950,614	348,327,197	9,376,583	3%
Reserves	10,874,163	127,831,241	175,634,071	47,802,830	37%
Debt - Certificate of Participation (COPS)	-	-	-	-	
Local Revenues	17,833	379,200	1,829,200	1,450,000	382%
State General Revenues	2,192,414	3,701,131	126,451,131	122,750,000	3317%
Land Acquisition Trust Fund	105,079,442	279,535,372	267,297,123	(12,238,249)	-4%
FDEP/EPC Gardinier Trust Fund	-	-	-	-	
P2000 Revenue	-	-	-	-	
FDOT/Mitigation	-	-	-	-	
Water Management Lands Trust Fund	-	-	-	-	
Water Quality Assurance (SWIM) Trust Fund	-	-	-	-	
Florida Forever	-	2,670,328	-	(2,670,328)	-100%
Save Our Everglades Trust Fund	47,048,133	42,500,000	3,188,625	(39,311,375)	-92%
Alligator Alley Tolls	5,236,436	1,228,245	2,567,118	1,338,873	109%
Other State Revenue	4,054,942	7,478,177	7,407,721	(70,456)	-1%
Federal Revenues	6,567,228	9,547,745	9,080,354	(467,391)	-5%
Federal through State (FDEP)	-	75,000	75,000	-	0%
SOURCE OF FUND TOTAL	**498,358,146**	**813,897,053**	**941,857,540**	**127,960,487**	16%

District Revenues include

Ad Valorem	277,277,520	277,317,500	284,266,900
Ag Privilege Tax	11,060,928	11,045,990	11,045,990
Permit & License Fees	12,905,481	3,520,700	3,520,700
Miscellaneous Revenues	16,043,626	47,066,424	49,493,607

REVENUES BY SOURCE	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
District Revenues	$317,287,555	$338,950,614	$348,327,197	9,376,583	3%
Reserves	$10,874,163	$127,831,241	$175,634,071	47,802,830	37%
Debt	$0	$0	$0	-	
Local Revenues	$17,833	$379,200	$1,829,200	1,450,000	382%
State Revenues	$163,611,367	$337,113,253	$406,911,718	69,798,465	21%
Federal Revenues	$6,567,228	$9,622,745	$9,155,354	(467,391)	-5%
TOTAL	$498,358,146	$813,897,053	$941,857,540	127,960,487	16%

C. Budget Summary

4. Major Source of Funds Variances

This narrative describes major revenue variances between the Adopted Budget for Fiscal Year 2018-19 and the Tentative Budget for Fiscal Year 2019-20 by revenue source.

District Revenues

- Estimated ad valorem revenues in the Tentative Budget increased by $6.9 million (2.5 percent) over the current fiscal year. The Fiscal Year 2019-20 Tentative Budget estimates Ad Valorem Taxes of $284.3 million which is $6.9 million more than the Fiscal Year 2018-19 Adopted Ad Valorem Taxes of $277.3 million. The estimated increase of $6.9 is the net impact of new construction growth, reductions from Value Adjustment Board petition hearings, and the increase from adjusting the discount rate from the statutory minimum of 95 percent to 96 percent based on collection trends above the budgeted estimates.

- Estimated non-ad valorem Agricultural privilege taxes in the Fiscal Year 2019-20 Tentative Budget is the same amount as the Fiscal Year 2018-19 Adopted Budget.

- The permit, license and fees category contain right of way, water use permit and environmental resource permit fees. The budget for permit fees is the same as the current budget and does not include any Lake Belt revenue. 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 an estimated $49.5 million in Fiscal Year 2019-20 which is $2.4 million higher than the Adopted Budget due to increases in Investment Earnings of $1.8 million and Lease Revenue of $517,305. The components of the estimated $49.5 million include $34.5 million for the District's Health/Self Insurance contribution, $7.9 million for Investment Earnings, $6.4 million for Leases, $250,000 for Sale of District Assets/Property, and $405,252 of miscellaneous sources.

Reserves

- The appropriated reserves included in the Fiscal Year 2019-20 Tentative Budget increased $47.8 million (37.4 percent) from the amount used in Fiscal Year 2018-19 Adopted Budget based on updated project needs and timelines for Restoration Strategies, Everglades Restoration, and Central Florida Water Initiative.

Debt

- The Fiscal Year 2019-20 Tentative Budget includes no new debt.

Local Revenues

- At this time, funds expected from cooperative agreements with local agencies increased by $150,000 for work to be done on the Model Archive project in conjunction with the other Water Management Districts and the State next year. In addition, a

cooperative agreement with Miami-Dade County for $1.3 million on Cutler Bay Wetland design was added for Fiscal Year 2019-20.

State Revenues

- General revenues of $126.5 million in the Tentative Budget increased by $122.75 million over the Adopted Budget. This increase is due to the 2019 Legislative Session Specific Appropriations 1640 (Everglades Restoration $69.7 million), 1642A (Lake Okeechobee Watershed $50 million), 1641 (Northern Everglades and Estuaries $4.7 million). $2 million remains from the 2017 Legislative Session Specific Appropriation 1606A for Biscayne Bay Coastal Wetlands ($1.5 million), and Corbett Levee ($0.5 million) from the 2016 Legislative Session Specific Appropriation 1600A. These amounts net against removal of 2018 Legislative Session Specific Appropriation 1582 for NEEPP which was in the Adopted budget but not in General Revenue in the Fiscal Year 2019-20.

- Land Acquisition Trust Fund amount of $267.3 million is $12.2 million (4.4 percent) lower than the Adopted Budget. The decrease is due to less prior year appropriations amounts in the Fiscal Year 2019-20 budget. Included in this amount is $148.6 million for CERP including $32 million recurring funds for Restoration Strategies, $64 million for the Everglades Agricultural Area Storage Reservoir Conveyance Improvements and Stormwater Treatment Area plus $19.2 million from the 2018 and 2017 appropriations, $28.2 million for Northern Everglades and Estuaries, $5 million for Dispersed Water Management Program, and $2.3 million for land management.

- Florida Forever Trust Fund $2.7 million re-budget of 2015 appropriation which is in the Adopted Budget but is not included in the Fiscal Year 2019-20 Tentative Budget.

- Save Our Everglades Trust Fund (SOETF) has $3.2 million in the Fiscal Year 2019-20 Tentative Budget. This amount is part of SA1640 for CERP. Changes in this revenue source reflects the changes made in the Legislature in funding sources for CERP. Funding was appropriated in General Revenue to fund CERP in Fiscal Year 2019-20.

- The budget for Alligator Alley tolls is $2.6 million, a 109 percent increase over the Fiscal Year 2018-19 Adopted Budget and is based on the amount in the memorandum of agreement with the state.

- Other state revenue of $7.4 million decreased by $70,456 or 0.9 percent over Fiscal Year 2018-19 Adopted Budget. The decrease is due to DEP funds for Model TMDL Lake Okeechobee Drainage project and Model Archive project. The Other State revenue category includes $7 million from FWC for vegetation management, $124,230 from FDACS for prescribe burns and $271,457 of License Tag revenue for Everglades and Indian River Lagoon.

Federal Revenues

- Federal revenues in the Fiscal Year 2019-20 Tentative Budget decrease by $467,391 or 4.9 percent from the Adopted Budget. A grant from NRCS decreased by $954,760 as did a DOI grant for $132,435 for a total reduction of $1,087,195 for the two grants. Federal funds increased by $619,804 in projected funds to be reimbursed from the USACE for Operation, Maintenance, Repair, Replacement and Rehabilitation

(OMRR&R) Costs related to completed CERP and foundation projects. This increase reflects the calculated revenue based on reimbursement agreements with the USACE.

III. BUDGET HIGHLIGHTS

C. Budget Summary

5. Source of Funds by Program (Actual – Audited)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SOURCE OF FUNDS BY PROGRAM
Fiscal Year 2017-18 (Actual - Audited)
TENTATIVE BUDGET - Fiscal Year 2019-20

SOURCE OF FUNDS	Water Resources Planning and Monitoring	Land Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	District Management and Administration	Fiscal Year 2017-18 (Actual - Audited)
District Revenues	34,957,423	52,607,983	184,261,343	17,411,746	1,069,116	26,979,944	317,287,555
Reserves	-	10,874,163	-	-	-	-	10,874,163
Debt - Certificate of Participation (COPS)	-	-	-	-	-	-	-
Local Revenues	-	-	17,833	-	-	-	17,833
State General Revenues	-	2,192,414	-	-	-	-	2,192,414
Land Acquisition Trust Fund	-	102,729,442	2,350,000	-	-	-	105,079,442
FDEP/EPC Gardinier Trust Fund	-	-	-	-	-	-	-
P2000 Revenue	-	-	-	-	-	-	-
FDOT/Mitigation	-	-	-	-	-	-	-
Water Management Lands Trust Fund	-	-	-	-	-	-	-
Water Quality Assurance (SWIM) Trust Fund	-	-	-	-	-	-	-
Florida Forever	-	-	-	-	-	-	-
Save Our Everglades Trust Fund	-	47,048,133	-	-	-	-	47,048,133
Alligator Alley Tolls	1,119,405	3,117,031	1,000,000	-	-	-	5,236,436
Other State Revenue	309,702	106,416	3,637,606	1,218	-	-	4,054,942
Federal Revenues	11,035	412,543	6,097,584	6,337	-	39,729	6,567,228
Federal through State (FDEP)	-	-	-	-	-	-	-
SOURCE OF FUND TOTAL	**36,397,565**	**219,088,125**	**197,364,366**	**17,419,301**	**1,069,116**	**27,019,673**	**498,358,146**

District Revenues include	
Ad Valorem	277,277,520
Ag Privilege Tax	11,060,928
Permit & License Fees	12,905,481
Miscellaneous Revenues	16,043,626

REVENUES BY SOURCE	Water Resources Planning and Monitoring	Land Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	District Management and Administration	Fiscal Year 2017-18 (Actual - Audited)
District Revenues	34,957,423	52,607,983	184,261,343	17,411,746	1,069,116	26,979,944	317,287,555
Reserves	-	10,874,163	-	-	-	-	10,874,163
Debt	-	-	-	-	-	-	-
Local Revenues	-	-	17,833	-	-	-	17,833
State Revenues	1,429,107	155,193,436	6,987,606	1,218	-	-	163,611,367
Federal Revenues	11,035	412,543	6,097,584	6,337	-	39,729	6,567,228
TOTAL	36,397,565	219,088,125	197,364,366	17,419,301	1,069,116	27,019,673	498,358,146

III. BUDGET HIGHLIGHTS

C. Budget Summary

5. Source of Funds by Program (Adopted)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SOURCE OF FUNDS BY PROGRAM
Fiscal Year 2018-19 (Adopted)
TENTATIVE BUDGET - Fiscal Year 2019-20

SOURCE OF FUNDS	Water Resources Planning and Monitoring	Land Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	District Management and Administration	Fiscal Year 2018-19 (Adopted)
District Revenues	46,885,548	52,891,274	182,333,697	21,735,074	1,125,455	33,979,566	338,950,614
Reserves	4,863,486	36,057,981	83,457,839	332,800	-	3,119,135	127,831,241
Debt - Certificate of Participation (COPS)	-	-	-	-	-	-	-
Local Revenues	150,000	-	229,200	-	-	-	379,200
State General Revenues	-	3,201,131	500,000	-	-	-	3,701,131
Land Acquisition Trust Fund	-	277,185,372	2,350,000	-	-	-	279,535,372
FDEP/EPC Gardinier Trust Fund	-	-	-	-	-	-	-
P2000 Revenue	-	-	-	-	-	-	-
FDOT/Mitigation	-	-	-	-	-	-	-
Water Management Lands Trust Fund	-	-	-	-	-	-	-
Water Quality Assurance (SWIM) Trust Fund	-	-	-	-	-	-	-
Florida Forever	-	2,670,328	-	-	-	-	2,670,328
Save Our Everglades Trust Fund	-	42,500,000	-	-	-	-	42,500,000
Alligator Alley Tolls	222,035	6,210	1,000,000	-	-	-	1,228,245
Other State Revenue	350,000	92,000	7,036,177	-	-	-	7,478,177
Federal Revenues	598,502	2,419,132	6,530,111	-	-	-	9,547,745
Federal through State (FDEP)	75,000	-	-	-	-	-	75,000
SOURCE OF FUND TOTAL	**53,144,571**	**417,023,428**	**283,437,024**	**22,067,874**	**1,125,455**	**37,098,701**	**813,897,053**

District Revenues include	
Ad Valorem	277,317,500
Ag Privilege Tax	11,045,990
Permit & License Fees	3,520,700
Miscellaneous Revenues	47,066,424

REVENUES BY SOURCE	Water Resources Planning and Monitoring	Land Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	District Management and Administration	Fiscal Year 2018-19 (Adopted)
District Revenues	46,885,548	52,891,274	182,333,697	21,735,074	1,125,455	33,979,566	338,950,614
Reserves	4,863,486	36,057,981	83,457,839	332,800	-	3,119,135	127,831,241
Debt	-	-	-	-	-	-	-
Local Revenues	150,000	-	229,200	-	-	-	379,200
State Revenues	572,035	325,655,041	10,886,177	-	-	-	337,113,253
Federal Revenues	673,502	2,419,132	6,530,111	-	-	-	9,622,745
TOTAL	53,144,571	417,023,428	283,437,024	22,067,874	1,125,455	37,098,701	813,897,053

III. BUDGET HIGHLIGHTS

C. Budget Summary

5. Source of Funds by Program (Tentative Budget)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SOURCE OF FUNDS BY PROGRAM
Fiscal Year 2019-20 (Tentative Budget)
TENTATIVE BUDGET - Fiscal Year 2019-20

SOURCE OF FUNDS	Water Resources Planning and Monitoring	Land Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	District Management and Administration	Fiscal Year 2019-20 (Tentative Budget)
District Revenues	45,079,671	55,623,406	190,889,506	21,495,646	1,075,274	34,163,694	348,327,197
Reserves	4,681,246	75,904,521	91,251,209	272,200	-	3,524,895	175,634,071
Debt - Certificate of Participation (COPS)	-	-	-	-	-	-	-
Local Revenues	300,000	1,300,000	229,200	-	-	-	1,829,200
State General Revenues	-	125,951,131	500,000	-	-	-	126,451,131
Land Acquisition Trust Fund	-	262,447,123	4,850,000	-	-	-	267,297,123
FDEP/EPC Gardinier Trust Fund	-	-	-	-	-	-	-
P2000 Revenue	-	-	-	-	-	-	-
FDOT/Mitigation	-	-	-	-	-	-	-
Water Management Lands Trust Fund	-	-	-	-	-	-	-
Water Quality Assurance (SWIM) Trust Fund	-	-	-	-	-	-	-
Florida Forever	-	-	-	-	-	-	-
Save Our Everglades Trust Fund	-	3,188,625	-	-	-	-	3,188,625
Alligator Alley Tolls	660,455	906,663	1,000,000	-	-	-	2,567,118
Other State Revenue	71,457	200,000	7,136,264	-	-	-	7,407,721
Federal Revenues	858,032	1,336,456	6,885,866	-	-	-	9,080,354
Federal through State (FDEP)	-	-	75,000	-	-	-	75,000
SOURCE OF FUND TOTAL	**51,650,861**	**526,857,925**	**302,817,045**	**21,767,846**	**1,075,274**	**37,688,589**	**941,857,540**

District Revenues include	
Ad Valorem	284,266,900
Ag Privilege Tax	11,045,990
Permit & License Fees	3,520,700
Miscellaneous Revenues	49,493,607

REVENUES BY SOURCE	Water Resources Planning and Monitoring	Land Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	District Management and Administration	Fiscal Year 2019-20 (Tentative Budget)
District Revenues	45,079,671	55,623,406	190,889,506	21,495,646	1,075,274	34,163,694	348,327,197
Reserves	4,681,246	75,904,521	91,251,209	272,200	-	3,524,895	175,634,071
Debt	-	-	-	-	-	-	-
Local Revenues	300,000	1,300,000	229,200	-	-	-	1,829,200
State Revenues	731,912	392,693,542	13,486,264	-	-	-	406,911,718
Federal Revenues	858,032	1,336,456	6,960,866	-	-	-	9,155,354
TOTAL	51,650,861	526,857,925	302,817,045	21,767,846	1,075,274	37,688,589	941,857,540

C. Budget Summary

6. Proposed Millage Rates

Ongoing policy to levy rolled-back millage rates continues into Fiscal Year 2019-20 with the Governing Board guidance to balance efficient public stewardship of taxpayer dollars with project and activity needs of the district. In accordance with Florida Statute, the rolled-back millage rate is calculated in the following manner:

> *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." [Excerpt from Section 200.065(1), F.S.]*

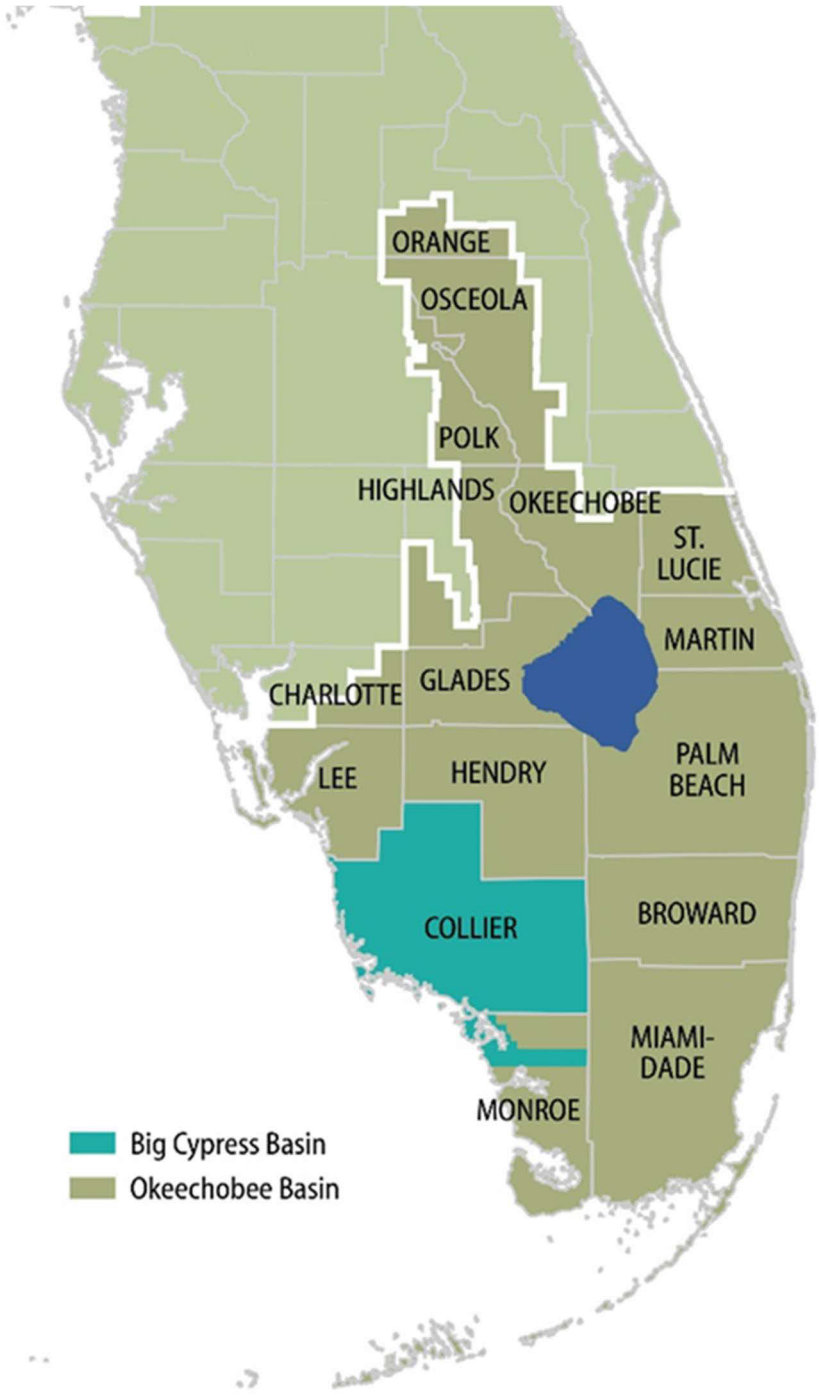
Annually, each county property appraiser provides the certified property values to each taxing authority in July and the datum from all counties in the District's jurisdiction is compiled and calculated to determine the rolled-back rates for the District. The Ad Valorem property tax cycle known as TRIM (Truth in Millage) as defined by Florida Statute begins with the certification of taxable values every July 1st so taxing authorities can determine the millage rates to levy ad valorem taxes.

The Governing Board continues the commitment to deliver on core mission functions while maximizing the efficient use of South Florida taxpayer investments. The Fiscal Year 2019-20 Tentative Budget estimates Ad Valorem Taxes of $284,266,900 which is $6,949,400 more than the Fiscal Year 2018-19 Adopted Ad Valorem Taxes of $277,317,500. The estimated increase of $6,949,400 is the net impact of new construction growth, reductions from Value Adjustment Board petition hearings, and the increase from adjusting the discount rate from the statutory minimum of 95 percent to 96 percent based on collection trends above the budgeted estimates.

Pursuant to Subsection 373.503(3), F.S., ad valorem property taxes levied by each (water management district) governing board may be separated into a millage necessary for the purposes of the district and a millage necessary for financing basin functions. The ad valorem tax levies of the South Florida Water Management District are set annually by the Governing Board for each of the two basins within the District: the Okeechobee Basin and the Big Cypress Basin. Each basin millage 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 following table illustrates the estimated ad valorem tax revenue for the Fiscal Year 2019-20 Tentative Budget. The net increase of 2.5 percent over the current year adopted ad

valorem tax revenue is the combined result of new construction growth, the impact from the Value Adjustment Board (VAB) petition hearing results, and the adjustment of the budgetary discount rate from the statutory minimum of 95 percent to 96 percent based on collection trends.



III. BUDGET HIGHLIGHTS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
THREE-YEAR AD VALOREM TAX COMPARISON
Fiscal Years 2017-18, 2018-19 and 2019-20
Tentative Budget - August 1, 2019

DISTRICT-AT-LARGE			
Ad valorem Tax Comparison	FY 2017-18 (Actual)	FY 2018-19 (Adopted)	FY 2019-20 (Tentative)
Ad Valorem Taxes	$115,886,421	$115,888,100	$118,827,400
Millage rate	0.1275	0.1209	0.1152
Rolled-back Rate	0.1275	0.1209	0.1152
Percent of Change of Rolled-back Rate	0.0%	0.0%	0.0%
Gross Taxable Value for Operating Purposes	$945,202,827,531	$1,008,994,126,224	$1,074,466,475,379
Net New Taxable Value	$21,083,703,884	$18,810,505,385	$22,798,377,232
Adjusted Taxable Value	$924,119,123,647	$990,183,620,839	$1,051,668,098,147

OKEECHOBEE BASIN			
Ad valorem Tax Comparison	FY 2017-18 (Actual)	FY 2018-19 (Adopted)	FY 2019-20 (Tentative)
Ad Valorem Taxes	$114,634,810	$114,566,750	$117,378,410
Millage rate	0.1384	0.1310	0.1246
Rolled-back Rate	0.1384	0.1310	0.1246
Percent of Change of Rolled-back Rate	0.0%	0.0%	0.0%
Gross Taxable Value for Operating Purposes	$861,501,936,710	$920,583,448,698	$981,293,391,938
Net New Taxable Value	$18,592,024,230	$16,732,651,304	$20,860,933,397
Adjusted Taxable Value	$842,909,912,480	$903,850,797,394	$960,432,458,541

EVERGLADES CONSTRUCTION PROJECT (OKEECHOBEE BASIN)			
Ad valorem Tax Comparison	FY 2017-18 (Actual)	FY 2018-19 (Adopted)	FY 2019-20 (Tentative)
Ad Valorem Taxes	$36,508,544	$36,469,000	$37,399,100
Millage rate	0.0441	0.0417	0.0397
Rolled-back Rate	0.0441	0.0417	0.0397
Percent of Change of Rolled-back Rate	0.0%	0.0%	0.0%
Gross Taxable Value for Operating Purposes	$861,501,936,710	$920,583,448,698	$981,293,391,938
Net New Taxable Value	$18,592,024,230	$16,732,651,304	$20,860,933,397
Adjusted Taxable Value	$842,909,912,480	$903,850,797,394	$960,432,458,541

BIG CYPRESS BASIN			
Ad valorem Tax Comparison	FY 2017-18 (Actual)	FY 2018-19 (Adopted)	FY 2019-20 (Tentative)
Ad Valorem Taxes	$10,247,744	$10,393,650	$10,661,990
Millage rate	0.1270	0.1231	0.1192
Rolled-back Rate	0.1270	0.1231	0.1192
Percent of Change of Rolled-back Rate	0.0%	0.0%	0.0%
Gross Taxable Value for Operating Purposes	$83,700,890,821	$88,410,677,526	$93,173,083,441
Net New Taxable Value	$2,491,679,654	$2,077,854,081	$1,937,443,835
Adjusted Taxable Value	$81,209,211,167	$86,332,823,445	$91,235,639,606

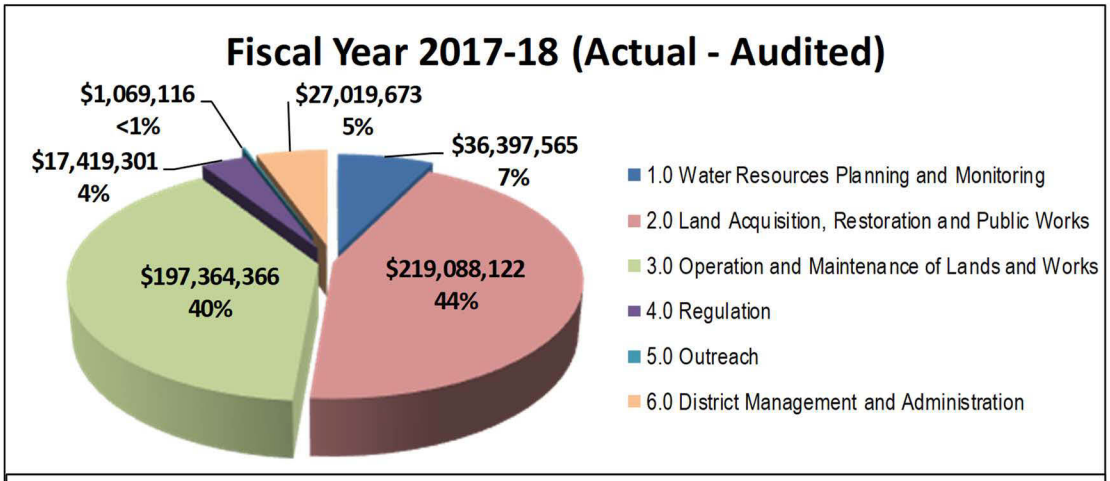
TOTAL OKEECHOBEE BASIN (District-at-Large + Basins)			
Ad valorem Tax Comparison	FY 2017-18 (Actual)	FY 2018-19 (Adopted)	FY 2019-20 (Tentative)
Ad Valorem Taxes	$256,767,642	$256,769,442	$263,204,910
Millage rate	0.3100	0.2936	0.2795
Rolled-back Rate	0.3100	0.2936	0.2795
Percent of Change of Rolled-back Rate	0.0%	0.0%	0.0%
Gross Taxable Value for Operating Purposes	$861,501,936,710	$920,583,448,698	$981,293,391,938
Net New Taxable Value	$18,592,024,230	$16,732,651,304	$20,860,933,397
Adjusted Taxable Value	$842,909,912,480	$903,850,797,394	$960,432,458,541

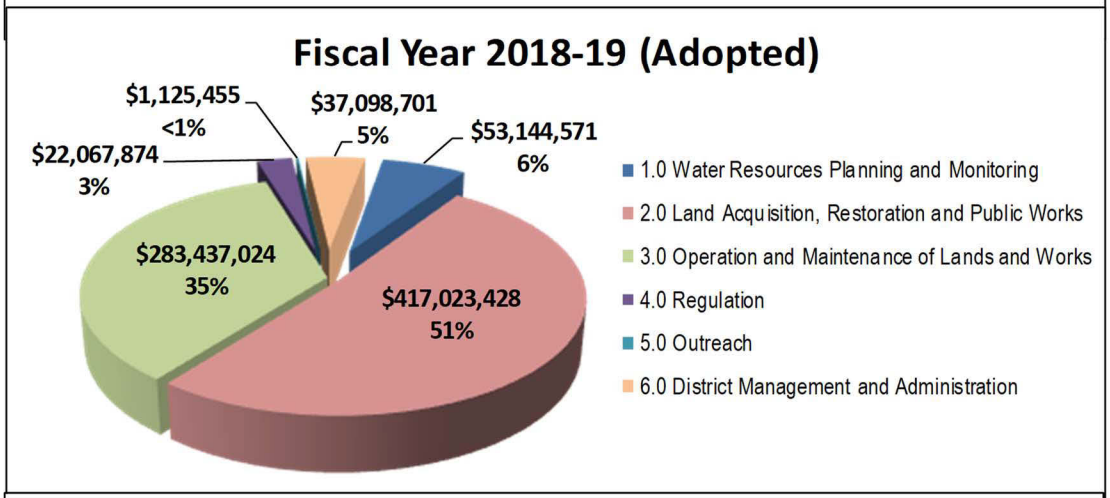
TOTAL BIG CYPRESS BASIN (District-at-Large + Basin)			
Ad valorem Tax Comparison	FY 2017-18 (Actual)	FY 2018-19 (Adopted)	FY 2019-20 (Tentative)
Ad Valorem Taxes	$20,509,877	$20,548,058	$21,061,990
Millage rate	0.2545	0.2440	0.2344
Rolled-back Rate	0.2545	0.2440	0.2344
Percent of Change of Rolled-back Rate	0.0%	0.0%	0.0%
Gross Taxable Value for Operating Purposes	$83,700,890,821	$88,410,677,526	$93,173,083,441
Net New Taxable Value	$2,491,679,654	$2,077,854,081	$1,937,443,835
Adjusted Taxable Value	$81,209,211,167	$86,332,823,445	$91,235,639,606

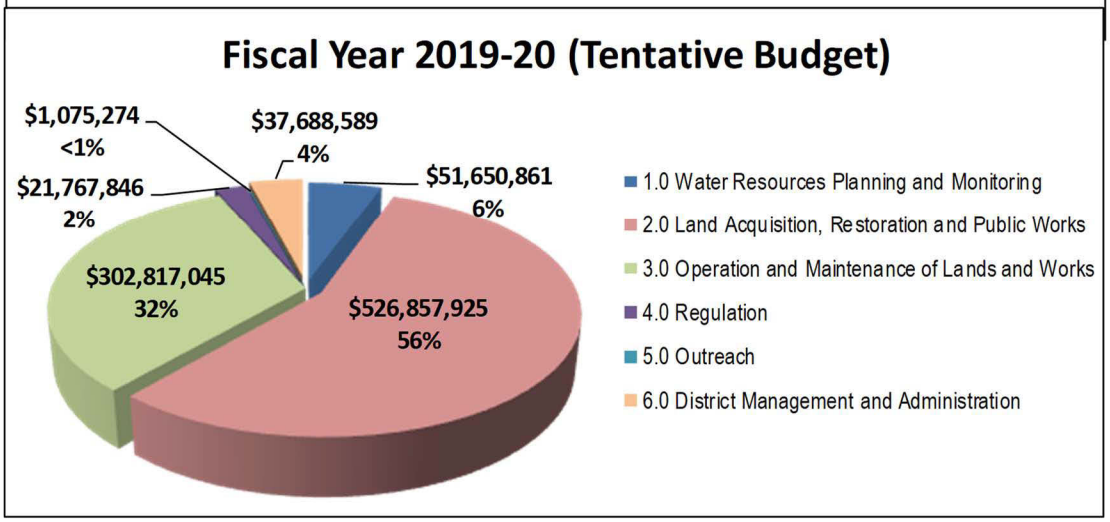
C. Budget Summary

7. Use of Funds by Program Three-Year Comparison

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
TENTATIVE BUDGET - Fiscal Year 2019-20
EXPENDITURES BY PROGRAM







III. BUDGET HIGHLIGHTS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

THREE-YEAR EXPENDITURE SUMMARY BY PROGRAM

Fiscal Years 2017-18 (Actual - Audited) 2018-19 (Adopted) 2019-20 (Tentative)

TENTATIVE BUDGET - Fiscal Year 2019-20

PROGRAMS, ACTIVITIES AND SUB-ACTIVITIES	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
1.0 Water Resources Planning and Monitoring	**$36,397,565**	**$53,144,571**	**$51,650,861**	**-$1,493,710**	**-2.8%**
1.1 - District Water Management Planning	13,407,452	25,032,011	20,373,705	-4,658,306	-18.6%
1.1.1 Water Supply Planning	4,883,458	17,025,186	15,102,487	-1,922,699	-11.3%
1.1.2 Minimum Flows and Levels	412,547	303,691	337,129	33,438	11.0%
1.1.3 Other Water Resources Planning	8,111,447	7,703,134	4,934,089	-2,769,045	-35.9%
1.2 - Research, Data Collection, Analysis and Monitoring	20,254,992	24,873,808	28,015,117	3,141,309	12.6%
1.3 - Technical Assistance	201,466	210,833	218,692	7,859	3.7%
1.4 - Other Water Resources Planning and Monitoring Activities	0	0	0	0	
1.5 - Technology and Information Services	2,533,655	3,027,919	3,043,347	15,428	0.5%
2.0 Land Acquisition, Restoration and Public Works	**$219,088,122**	**$417,023,428**	**$526,857,925**	**$109,834,497**	**26.3%**
2.1 - Land Acquisition	0	0	0	0	
2.2 - Water Source Development	3,375,440	279,211	239,784	-39,427	-14.1%
2.2.1 Water Resource Development Projects	242,264	228,152	218,424	-9,728	-4.3%
2.2.2 Water Supply Development Assistance	3,133,176	51,059	21,360	-29,699	-58.2%
2.2.3 Other Water Source Development Activities	0	0	0	0	
2.3 - Surface Water Projects	213,444,641	414,804,111	524,654,739	109,850,628	26.5%
2.4 - Other Cooperative Projects	586,334	277,514	266,220	-11,294	-4.1%
2.5 - Facilities Construction and Major Renovations	0	0	0	0	
2.6 - Other Acquisition and Restoration Activities	0	0	0	0	
2.7 - Technology and Information Services	1,681,707	1,662,592	1,697,182	34,590	2.1%
3.0 Operation and Maintenance of Lands and Works	**$197,364,366**	**$283,437,024**	**$302,817,045**	**$19,380,021**	**6.8%**
3.1 - Land Management	11,331,890	17,377,516	27,666,266	10,288,750	59.2%
3.2 - Works	139,228,520	209,179,908	219,148,541	9,968,633	4.8%
3.3 - Facilities	4,615,416	3,933,824	4,027,189	93,365	2.4%
3.4 - Invasive Plant Control	20,858,251	29,864,510	28,455,431	-1,409,079	-4.7%
3.5 - Other Operation and Maintenance Activities	4,273,719	5,099,740	5,502,946	403,206	7.9%
3.6 - Fleet Services	7,128,314	7,945,076	8,218,066	272,990	3.4%
3.7 - Technology and Information Services	9,928,256	10,036,450	9,798,606	-237,844	-2.4%
4.0 Regulation	**$17,419,301**	**$22,067,874**	**$21,767,846**	**-$300,028**	**-1.4%**
4.1 - Consumptive Use Permitting	4,324,678	5,222,979	5,274,382	51,403	1.0%
4.2 - Water Well Construction Permitting and Contractor Licensi	0	0	0	0	
4.3 - Environmental Resource and Surface Water Permitting	7,888,042	8,936,028	8,776,364	-159,664	-1.8%
4.4 - Other Regulatory and Enforcement Activities	2,496,149	4,783,558	4,550,893	-232,665	-4.9%
4.5 - Technology and Information Services	2,710,432	3,125,309	3,166,207	40,898	1.3%
5.0 Outreach	**$1,069,116**	**$1,125,455**	**$1,075,274**	**-$50,181**	**-4.5%**
5.1 - Water Resource Education	0	0	0	0	
5.2 - Public Information	1,060,616	1,093,955	1,043,774	-50,181	-4.6%
5.3 - Public Relations	0	0	0	0	
5.4 - Cabinet & Legislative Affairs	8,500	31,500	31,500	0	0.0%
5.5 - Other Outreach Activities	0	0	0	0	
5.6 - Technology and Information Services	0	0	0	0	
SUBTOTAL - Maior Programs (excluding Management and Administration)	*$471,338,470*	*$776,798,352*	*$904,168,951*	*$127,370,599*	*16.4%*
6.0 District Management and Administration	**$27,019,673**	**$37,098,701**	**$37,688,589**	**$589,888**	**1.6%**
6.1 - Administrative and Operations Support	21,867,953	30,348,589	30,928,707	580,118	1.9%
6.1.1 - Executive Direction	352,009	593,241	819,243	226,002	38.1%
6.1.2 - General Counsel / Legal	3,198,212	2,709,532	2,946,310	236,778	8.7%
6.1.3 - Inspector General	813,253	820,586	859,063	38,477	4.7%
6.1.4 - Administrative Support	4,469,277	12,001,999	11,458,713	-543,286	-4.5%
6.1.5 - Fleet Services	0	0	0	0	
6.1.6 - Procurement / Contract Administration	1,867,145	2,040,942	1,967,835	-73,107	-3.6%
6.1.7 - Human Resources	1,529,331	1,727,646	1,607,340	-120,306	-7.0%
6.1.8 - Communications	229,806	428,740	428,740	0	0.0%
6.1.9 - Technology and Information Services	9,408,920	10,025,903	10,841,463	815,560	8.1%
6.2 - Computer/Computer Support	0	0	0	0	
6.3 - Reserves	0	0	0	0	
6.4 - Other - (Tax Collector / Property Appraiser Fees)	5,151,720	6,750,112	6,759,882	9,770	0.1%
TOTAL	**$498,358,143**	**$813,897,053**	**$941,857,540**	**$127,960,487**	**15.7%**

C. Budget Summary

8. Major Use of Funds Variances

The table below illustrates major variances between the Adopted Budget for Fiscal Year 2018-19 and the Tentative Budget 2019-20 highlighting significant variances at the program level. Each of these major variances is explained below the table.

Expenditures by Program	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
1.0 Water Resources Planning and Monitoring	$53,144,571	$51,650,861	($1,493,710)	-2.8%
2.0 Land Acquisition, Restoration and Public Works	$417,023,428	$526,857,925	$109,834,497	26.3%
3.0 Operation and Maintenance of Lands and Works	$283,437,024	$302,817,045	$19,380,021	6.8%
4.0 Regulation	$22,067,874	$21,767,846	($300,028)	-1.4%
5.0 Outreach	$1,125,455	$1,075,274	($50,181)	-4.5%
6.0 District Management and Administration	$37,098,701	$37,688,589	$589,888	1.6%
Totals	**$813,897,053**	**$941,857,540**	**$127,960,487**	**15.7%**

1.0 Water Resources Planning and Monitoring

The program's Fiscal Year 2019-20 Tentative Budget is $51.7 million, which is a 2.8 percent ($1.5 million) decrease from the Fiscal Year 2018-19 Adopted Budget of $53.1 million. The reduction is primarily due to Interagency Expenditures decreasing by $1.1 million from a slight reduction in Big Cypress Basin local partnership projects and the realignment of CERP RECOVER, Adaptive Assessment & Monitoring and USACE Monitoring to Program Activity 2.3. The FTEs supporting those activities were also realigned which resulted in a decrease of $778,081. Also, there is a decrease in Fixed Capital Outlay ($310,849) for Central Florida Water Initiatives resulting from some of the funds allocated to that project being used in the current year. The decrease in Operating Capital Outlay ($357,700) is due to purchase of SCADA equipment for the Herbert Hoover Dike and Operations and Maintenance equipment in the current year. The $1 million increase in Contracted Services is due primarily to new initiatives for Lake Okeechobee and the Everglades programs. The increase of $27,966 in Other Personal Services was reallocated from the Operations & Maintenance of Lands and Works Program.

2.0 Land Acquisition, Restoration and Public Works

The program's Fiscal Year 2019-20 Tentative Budget is $526.9 million, which is $109.8 million, or 26.3 percent increase from the Adopted Budget for Fiscal Year 2018-19 of $417.0 million. The most significant increase of $100.4 million is in Fixed Capital Outlay due to new and prior year state appropriated funding for CERP/CEPP, Restoration Strategies, and NEEPP, as well as one-time funding for CERP land acquisition. Increases in Interagency Expenditures ($4.1 million), Operating Expenses($3.9 million), Contracted Services ($3.0 million), and Salaries and Benefits ($1.3 million), which are offset by a decrease in Operating Capital Outlay ($2.9 million), totaling $9.4 million are primarily due to new and prior year state appropriated funding, as well as shifts in cash flow and staffing requirements across the expense categories for the implementation of CERP (including CEPP), Restoration Strategies, and NEEPP, as well as the realignment of activities previously reported in Program 1.0.

3.0 Operation and Maintenance of Lands and Works

The program's Fiscal Year 2019-20 Tentative Budget is $302.8 million, which is a $19.4 million, or a 6.8 percent increase from the Adopted Budget for Fiscal Year 2018-19 of $283.4 million. The largest increase is in Operating Capital Outlay of $14.6 million and is primarily due to the additional Lake Belt Mitigation funds for the on-going design and construction on the C-139 Annex Restoration project. Increases in Operating Expenses of $11.1 million are primarily due to new works of the District coming online as well as ongoing repairs and maintenance of the C&SF System and O&M Refurbishment Program. Contracted Services increased $3.2 million primarily in support of multi-year needs for the Operations Decision Support System and the NAV88 upgrades. An overall decrease in Fixed Capital Outlay of $9.0 million reflects the O&M Refurbishment Programs multi-year project cash flow requirements for completion, continuation of design and construction requirements for the first-year construction for projects underway.

4.0 Regulation

The program's Fiscal Year 2019-20 Tentative Budget is $21.8 million, which is $300,028 or a 1.4 percent decrease from the Adopted Budget for Fiscal Year 2018-19 of $22.1 million. The decrease is primarily due to $173,453 in Salaries and Benefits and $89,975 in Operating Expenses associated with a re-allocation of flight operation services costs between programs. The reduction in Contracted Services of $36,600 is due to a decrease in funding for the Regulation software upgrade to the e-Permitting system.

5.0 Outreach

The program's Fiscal Year 2019-20 Tentative Budget is $1,075,274, which is a $50,181 or a 4.5 percent decrease from the Adopted 2018-19 Budget of $1,125,455. The variance is due solely to the $50,181 decrease in Salaries and Benefits due to hiring efficiencies. Increases in Operating Expenses are fully offset by decreases in Contracted Services for media related equipment and services and the total remains the same as the Fiscal Year 2018-19 Adopted Budget.

6.0 District Management and Administration

The program's Fiscal Year 2019-20 Tentative Budget is $37.7 million, which is a $589,888 or a 1.6 percent increase from the Fiscal Year 2018-19 Adopted Budget of $37.1 million. The increase is a result of a $202,558 increase in Operating Capital Outlay primarily due to a one-time purchase of telemetry equipment. There is a $292,054 increase in Contracted Services for IT consulting services, enterprise software computer software maintenance, a $36,001 increase in Operating Expenses for computer software maintenance, and a $59,275 increase in Salaries and Benefits for FRS employer contributions.

IV. PROGRAM ALLOCATIONS

A. Program and Activity Definitions, Descriptions and Budget

This section provides the Fiscal Year 2019-20 Tentative Budget organized by program and activity. The water management districts are responsible for six program areas pursuant to Subsection 373.536(5)(e)4, Florida Statutes: Water Resources Planning and Monitoring; Land Acquisition, Restoration, and Public Works; Operation and Maintenance of Works and Lands; Regulation; Outreach; and District Management and Administration.

The following information is provided for all PROGRAMS:

- Program by Expenditure Category
- Source of Funds
- Rate, Operating and Non-Operating
- Workforce
- Reductions - New Issues Summary

In addition, for each PROGRAM, ACTIVITY, and SUB-ACTIVITY, narratives include a Program Title, District Description, Changes and Trends, Budget Variances and Major Budget Items.

The following information is provided for each ACTIVITY and SUB-ACTIVITY:

- Activity (or Sub-activity) by Expenditure Category
- Source of Funds
- Operating and Non-Operating Expenses

IV. PROGRAM ALLOCATIONS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

TENTATIVE BUDGET - Fiscal Year 2019-20

ALL PROGRAMS

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
1.0 Water Resources Planning and Monitoring	$ 35,904,718	$ 33,077,943	$ 36,397,565	$ 53,144,571	$ 51,650,861	$ (1,493,710)	-2.8%
2.0 Land Acquisition, Restoration and Public Works	$ 170,109,684	$ 232,590,513	$ 219,088,122	$ 417,023,428	$ 526,857,925	$ 109,834,497	26.3%
3.0 Operation and Maintenance of Lands and Works	$ 185,955,575	$ 183,166,583	$ 197,364,366	$ 283,437,024	$ 302,817,045	$ 19,380,021	6.8%
4.0 Regulation	$ 20,358,322	$ 17,845,349	$ 17,419,301	$ 22,067,874	$ 21,767,846	$ (300,028)	-1.4%
5.0 Outreach	$ 1,264,012	$ 1,116,242	$ 1,069,116	$ 1,125,455	$ 1,075,274	$ (50,181)	-4.5%
6.0 District Management and Administration	$ 27,621,548	$ 26,147,786	$ 27,019,673	$ 37,098,701	$ 37,688,589	$ 589,888	1.6%
TOTAL	**$ 441,213,859**	**$ 493,944,416**	**$ 498,358,143**	**$ 813,897,053**	**$ 941,857,540**	**$ 127,960,487**	**15.7%**

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 141,245,731	$ 133,509,179	$ 132,031,614	$ 147,298,781	$ 147,298,781	$ -	0.0%
Other Personal Services	$ 210,852	$ 229,797	$ 214,455	$ 275,775	$ 199,705	$ (76,070)	-27.6%
Contracted Services	$ 33,566,414	$ 36,761,448	$ 31,824,544	$ 95,017,207	$ 102,436,304	$ 7,419,097	7.8%
Operating Expenses	$ 76,582,958	$ 73,957,255	$ 90,878,202	$ 125,550,114	$ 140,541,368	$ 14,991,254	11.9%
Operating Capital Outlay	$ 25,068,528	$ 19,650,792	$ 24,486,413	$ 27,095,718	$ 38,688,313	$ 11,592,595	42.8%
Fixed Capital Outlay	$ 113,238,111	$ 188,636,035	$ 174,698,343	$ 318,682,004	$ 409,764,175	$ 91,082,171	28.6%
Interagency Expenditures (Cooperative Funding)	$ 9,587,002	$ 9,170,385	$ 13,814,322	$ 8,328,492	$ 11,301,430	$ 2,972,938	35.7%
Debt	$ 41,714,263	$ 32,029,525	$ 30,410,250	$ 30,393,625	$ 30,372,127	$ (21,498)	-0.1%
Reserves - Emergency Response	$ -	$ -	$ -	$ 61,255,337	$ 61,255,337	$ -	0.0%
TOTAL	**$ 441,213,859**	**$ 493,944,416**	**$ 498,358,143**	**$ 813,897,053**	**$ 941,857,540**	**$ 127,960,487**	**15.7%**

SOURCE OF FUNDS

Fiscal Year 2019-20

	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Salaries and Benefits	$ 143,103,471	$ 596,961	$ -	$ -	$ 947,440	$ 2,650,909	$ 147,298,781
Other Personal Services	$ 199,705	$ -	$ -	$ -	$ -	$ -	$ 199,705
Contracted Services	$ 16,698,916	$ 8,225,016	$ -	$ 300,000	$ 75,747,490	$ 1,464,882	$ 102,436,304
Operating Expenses	$ 114,084,687	$ 10,518,488	$ -	$ 229,200	$ 10,846,688	$ 4,862,305	$ 140,541,368
Operating Capital Outlay	$ 8,219,131	$ 29,162,582	$ -	$ 1,300,000	$ -	$ 6,600	$ 38,688,313
Fixed Capital Outlay	$ 30,171,900	$ 63,881,609	$ -	$ -	$ 315,710,666	$ -	$ 409,764,175
Interagency Expenditures (Cooperative Funding)	$ 5,477,260	$ 1,994,078	$ -	$ -	$ 3,659,434	$ 170,658	$ 11,301,430
Debt	$ 30,372,127	$ -	$ -	$ -	$ -	$ -	$ 30,372,127
Reserves - Emergency Response	$ -	$ 61,255,337	$ -	$ -	$ -	$ -	$ 61,255,337
TOTAL	**$ 348,327,197**	**$ 175,634,071**	**$ -**	**$ 1,829,200**	**$ 406,911,718**	**$ 9,155,354**	**$ 941,857,540**

RATE, OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Workforce	Rate (Salary without benefits)	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	1,475	$ 100,885,531	$ 147,298,781	$ -	$ 147,298,781
Other Personal Services	3	$ 199,705	$ 199,705	$ -	$ 199,705
Contracted Services	-	$ -	$ 88,300,536	$ 14,135,768	$ 102,436,304
Operating Expenses			$ 97,205,835	$ 43,335,533	$ 140,541,368
Operating Capital Outlay			$ 8,364,931	$ 30,323,382	$ 38,688,313
Fixed Capital Outlay			$ 330,496,818	$ 79,267,357	$ 409,764,175
Interagency Expenditures (Cooperative Funding)			$ 6,460,392	$ 4,841,038	$ 11,301,430
Debt			$ 30,372,127	$ -	$ 30,372,127
Reserves - Emergency Response			$ -	$ 61,255,337	$ 61,255,337
TOTAL			**$ 708,699,125**	**$ 233,158,415**	**$ 941,857,540**

WORKFORCE

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

WORKFORCE CATEGORY	Fiscal Year					Adopted to Tentative 2018-19 to 2019-20	
	2015-16	2016-17	2017-18	2018-19	2019-20	Difference	% Change
Authorized Positions	1530	1475	1475	1475	1475	-	0.0%
Contingent Worker	0	0	0	0	0	-	-
Other Personal Services	5	4	4	4	3	(1)	-25.00%
Intern	0	0	0	0	0	-	-
Volunteer	0	0	0	0	0	-	-
TOTAL WORKFORCE	**1535**	**1479**	**1479**	**1479**	**1478**	**(1)**	**-0.07%**

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

IV. PROGRAM ALLOCATIONS

South Florida Water Management District
REDUCTIONS - NEW ISSUES SUMMARY
TENTATIVE BUDGET - Fiscal Year 2019-20

	1.0 Water Resources Planning and Monitoring	2.0 Land 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
Reductions							
Salaries and Benefits	(778,081)	0	(1,055,279)	(173,453)	(50,181)	(248,160)	(2,305,154)
Other Personal Services	0	0	(104,036)	0	0	0	(104,036)
Contracted Services	(859,656)	(50,146,350)	(758,270)	(60,600)	(6,000)	(130,000)	(51,960,876)
Operating Expenses	(111,657)	(264,032)	(3,124,244)	(89,975)	0	(509,614)	(4,099,522)
Operating Capital Outlay	(391,700)	(12,012,613)	(1,098,711)	0	0	(208,718)	(13,711,742)
Fixed Capital Outlay	(310,849)	(93,386,653)	(21,833,302)	0	0	0	(115,530,804)
Interagency Expenditures (Cooperative Funding)	(1,373,867)	(54,981)	(28,882)	0	0	0	(1,457,730)
Debt	0	(57,376)	0	0	0	0	(57,376)
Reserves - Emergency Response	0	0	0	0	0	0	0
	(3,825,810)	**(155,922,005)**	**(28,002,724)**	**(324,028)**	**(56,181)**	**(1,096,492)**	
New Issues							
Salaries and Benefits	0	1,330,997	666,722	0	0	307,435	2,305,154
Other Personal Services	27,966	0	0	0	0	0	27,966
Contracted Services	1,867,837	53,117,244	3,948,838	24,000	0	422,054	59,379,973
Operating Expenses	120,686	4,176,628	14,241,847	0	6,000	545,615	19,090,776
Operating Capital Outlay	34,000	9,133,000	15,726,061	0	0	411,276	25,304,337
Fixed Capital Outlay	0	193,828,743	12,784,232	0	0	0	206,612,975
Interagency Expenditures (Cooperative Funding)	281,611	4,134,012	15,045	0	0	0	4,430,668
Debt	0	35,878	0	0	0	0	35,878
Reserves - Emergency Response	0	0	0	0	0	0	0
	2,332,100	**265,756,502**	**47,382,745**	**24,000**	**6,000**	**1,686,380**	

	1.0 Water Resources Planning and Monitoring	2.0 Land 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
NET CHANGE							
Salaries and Benefits	(778,081)	1,330,997	(388,557)	(173,453)	(50,181)	59,275	0
Other Personal Services	27,966	0	(104,036)	0	0	0	(76,070)
Contracted Services	1,008,181	2,970,894	3,190,568	(36,600)	(6,000)	292,054	7,419,097
Operating Expenses	9,029	3,912,596	11,117,603	(89,975)	6,000	36,001	14,991,254
Operating Capital Outlay	(357,700)	(2,879,613)	14,627,350	0	0	202,558	11,592,595
Fixed Capital Outlay	(310,849)	100,442,090	(9,049,070)	0	0	0	91,082,171
Interagency Expenditures (Cooperative Funding)	(1,092,256)	4,079,031	(13,837)	0	0	0	2,972,938
Debt	0	(21,498)	0	0	0	0	(21,498)
Reserves - Emergency Response	0	0	0	0	0	0	0
	(1,493,710)	**109,834,497**	**19,380,021**	**(300,028)**	**(50,181)**	**589,888**	

IV. PROGRAM 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).

District Description

This program encompasses a broad scope of activities including water supply planning, minimum flows and levels and other water resources planning. This includes the stormwater projects, cooperative funding, water supply plan development, hydrogeologic data collection, Caloosahatchee peer review, nutrient budget analysis for the St. Lucie watershed, research and monitoring and support of St. Lucie and Caloosahatchee Rivers watershed protection plan implementation, Florida Bay trend assessments and modeling, and Indian River Lagoon national estuary program. The program also supports research, data collection and analysis and monitoring for ongoing C&SF project, water quality monitoring, flood protection level of service modeling and analysis, STA operations and monitoring, everglades research and evaluation.

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.

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.

IV. PROGRAM ALLOCATIONS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

TENTATIVE BUDGET - Fiscal Year 2019-20

1.0 Water Resources Planning and Monitoring

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 23,632,454	$ 22,349,174	$ 21,989,363	$ 25,539,352	$ 24,761,271	$ (778,081)	-3.0%
Other Personal Services	$ 112,026	$ 105,203	$ 99,022	$ 108,614	$ 136,580	$ 27,966	25.7%
Contracted Services	$ 1,612,793	$ 1,693,339	$ 1,495,716	$ 3,291,433	$ 4,299,614	$ 1,008,181	30.6%
Operating Expenses	$ 3,381,384	$ 3,167,782	$ 3,770,608	$ 15,272,227	$ 15,281,256	$ 9,029	0.1%
Operating Capital Outlay	$ 149,503	$ 221,648	$ 244,847	$ 499,300	$ 141,600	$ (357,700)	-71.6%
Fixed Capital Outlay	$ -	$ -	$ 884,412	$ 1,668,163	$ 1,357,314	$ (310,849)	-18.6%
Interagency Expenditures (Cooperative Funding)	$ 7,016,558	$ 5,540,797	$ 7,913,597	$ 6,765,482	$ 5,673,226	$ (1,092,256)	-16.1%
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 35,904,718	$ 33,077,943	$ 36,397,565	$ 53,144,571	$ 51,650,861	$ (1,493,710)	-2.8%

SOURCE OF FUNDS

Fiscal Year 2019-20

	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Salaries and Benefits	$ 23,971,298	$ -	$ -	$ -	$ 307,560	$ 482,413	$ 24,761,271
Other Personal Services	$ 136,580	$ -	$ -	$ -	$ -	$ -	$ 136,580
Contracted Services	$ 3,139,823	$ 694,226	$ -	$ 300,000	$ 3,000	$ 162,565	$ 4,299,614
Operating Expenses	$ 14,376,597	$ 764,668	$ -	$ -	$ 101,395	$ 38,596	$ 15,281,256
Operating Capital Outlay	$ 103,800	$ 34,000	$ -	$ -	$ -	$ 3,800	$ 141,600
Fixed Capital Outlay	$ -	$ 1,357,314	$ -	$ -	$ -	$ -	$ 1,357,314
Interagency Expenditures (Cooperative Funding)	$ 3,351,573	$ 1,831,038	$ -	$ -	$ 319,957	$ 170,658	$ 5,673,226
Debt	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL	$ 45,079,671	$ 4,681,246	$ -	$ 300,000	$ 731,912	$ 858,032	$ 51,650,861

RATE, OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Workforce	Rate (Salary without benefits)	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	235	$ 17,400,710	$ 24,761,271	$ -	$ 24,761,271
Other Personal Services	1	$ 136,580	$ 136,580	$ -	$ 136,580
Contracted Services	-	-	$ 3,281,408	$ 1,018,206	$ 4,299,614
Operating Expenses			$ 3,872,906	$ 11,408,350	$ 15,281,256
Operating Capital Outlay			$ 141,600	$ -	$ 141,600
Fixed Capital Outlay			$ -	$ 1,357,314	$ 1,357,314
Interagency Expenditures (Cooperative Funding)			$ 3,957,188	$ 1,716,038	$ 5,673,226
Debt			$ -	$ -	$ -
Reserves - Emergency Response			$ -	$ -	$ -
TOTAL			$ 36,150,953	$ 15,499,908	$ 51,650,861

WORKFORCE

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

WORKFORCE CATEGORY	Fiscal Year					Adopted to Tentative 2018-19 to 2019-20	
	2015-16	2016-17	2017-18	2018-19	2019-20	Difference	% Change
Authorized Positions	238	232	238	244	235	(9)	-3.69%
Contingent Worker	0	0	0	0	0	-	-
Other Personal Services	2	1	1	1	1	-	0.0%
Intern	0	0	0	0	0	-	-
Volunteer	0	0	0	0	0	-	-
TOTAL WORKFORCE	240	233	239	245	236	(9)	-3.67%

IV. PROGRAM ALLOCATIONS

South Florida Water Management District

REDUCTIONS - NEW ISSUES

1.0 Water Resources Planning and Monitoring
Fiscal Year 2019-20
Tentative Budget - August 1, 2019

	FY 2018-19 Budget (Adopted)		**244**	**53,144,571**	
	Reductions				
Issue	Description	Issue Amount	Workforce	Category Subtotal	Issue Narrative
Salaries and Benefits			(9)	(778,081)	The decreases are due to the re-allocation of district staff in support of other programs.
1	Decrease in Total Salaries and Wages	(376,021)			
2	Decrease in Total Fringe Benefits	(402,060)			
Other Personal Services				-	
Contracted Services				(859,656)	
3	Decrease in Caloosahatchee River & Estuary - Estuary Protection Plan	(71,660)			Decrease in flow monitoring for Caloosahatchee River & Estuary.
4	Decrease in Central Florida Coordination	(227,432)			Decrease in Central Florida Water Initiative Project and technical editing because some contracts were initiated in the current year and work is on-going.
5	Decrease in CERP Adaptive Assessment & Monitoring	(67,000)			Monitoring is done as required for the particular project. This project had monitoring scheduled for current year but not the next.
6	Decrease in CERP RECOVER	(156,000)			Moved to State Program 2.0 (Acquisition, Restoration & Public Works).
7	Decrease in LTP STA O&M - Montoring & Assessment	(19,930)			Streamgauging assistance was needed for the STAs in the current year but not next year.
8	Decrease in Regional Modeling - Model Maintenance/Enhance	(150,000)			Less maintenance is needed for the Operations Emergency Model Forecast Tool next year than the current year.
9	Decrease in Regional Water Quality Monitoring - Analytical Services External	(12,000)			Lab analyses is being done for Lake Hicpochee in the current year but not scheduled for next year.
10	Decrease in South Miami-Dade Hydrologic Analysis	(10,000)			Combined with Hydraulic Data Gathering below.
11	Decrease in USACE Monitoring	(145,634)			Moved to State Program 2.0.
Operating Expenses				(111,657)	
12	Decrease in CERP Adaptive Assessment & Monitoring	(1,250)			Moved to State Program 2.0 .
13	Decrease in CERP RECOVER	(48,800)			Moved to State Program 2.0.
14	Decrease in Naples Bay Applied Research & Model Development	(4,860)			Parts and supplies needed for Naples Bay lab analysis were acquired in the current year.
15	Decrease in Regional Water Quality Monitoring - Field Operations Internal	(360)			Slight decrease in aircraft fuel budget.
16	Decrease in SLRW Upstream Monitoring	(7,500)			Funds were redirected to operations of other functional area activities as needed.
17	Decrease in USACE Monitoring	(47,311)			Moved to State Program 2.0.
18	Decrease in Water Supply Plan Development	(1,576)			Dues and memberships for staff were reduced.
Operating Capital Outlay				(391,700)	
19	Decrease in C&SF Monitoring & Assessment	(300,000)			Equipment purchase for C&SF Monitoring and Assessment was postponed.
20	Decrease in Everglades Program Support	(85,000)			Heavy equipment for field operations were purchased in the current year.
21	Decrease in Regional Water Quality Monitoring - Field Operations Internal	(6,700)			Field equipment was purchased in the current year.
Fixed Capital Outlay				(310,849)	
22	Decrease in Central Florida Water Initiative	(310,849)			A portion of the funds allocated to the Central Florida Water Initiative project were encumbered in the current year budget for on-going work.
Interagency Expenditures (Cooperative Funding)				(1,373,867)	
23	Decrease in Big Cypress Basin	(125,179)			A reduction in funds available for intergovernmental agreements in FY2020.
24	Decrease in CERP Adaptive Assessment & Monitoring	(583,902)			Moved to State Program 2.0.
25	Decrease in CERP RECOVER	(240,000)			Moved to State Program 2.0.
26	Decrease in Regional Water Quality Monitoring - Analytical Services External	(3,000)			Lab analyses is being done for Lake Hicpochee in the current year but not scheduled for next year.
27	Decrease in Regional Water Quality Monitoring - Field Operations External	(6,000)			Lake Hicpochee large bodied fish monitoring is not scheduled to be done next year.
28	Decrease in SLRW Upstream Monitoring	(15,000)			SLRW monitoring was moved to contracts expense category below for next year.
29	Decrease in South Miami-Dade Hydrologic Analysis	(26,682)			Combined with Hydraulic Data Gathering below.
30	Decrease in USACE Monitoring	(374,104)			Moved to State Program 2.0.
Debt				-	
Reserves				-	
	TOTAL REDUCTIONS		(9)	(3,825,810)	

IV. PROGRAM ALLOCATIONS

South Florida Water Management District
REDUCTIONS - NEW ISSUES
1.0 Water Resources Planning and Monitoring
Fiscal Year 2019-20
Tentative Budget - August 1, 2019

New Issues					
Issue	Description	Issue Amount	Workforce	Category Subtotal	
Salaries and Benefits			-	-	
Other Personal Services				27,966	
1	Increase in LTP STA O&M - Montoring & Assessment	27,966			Additional funds were reallocated to hydrologic data processing OPS from Program 3.0.
Contracted Services				1,867,837	
2	Increase in C&SF Monitoring & Assessment	297,913			Increase is due to Big Cypress Basin structure rating development, Corkscrew Swamp Sanctuary modeling and modeling coordination on a regional project.
3	Increase in Everglades Program Support	250,000			This amount is for Executive Priorities in support of the Everglades.
4	Increase in Hydrogeologic Data Gathering	36,682			Includes South Miami-Dade Hydraulic Analysis in Contracts and Interagency that was reduced above.
5	Increase in Lake Okeechobee In-Lake Assessment	861,810			This amount is included in the budget for Governing Board priorities (not yet specified) for Lake Okeechobee in lake assessment.
6	Increase in Lake Okeechobee Program Support	269,550			This amount is for Executive Priorities in support of Lake Okeechobee.
7	Increase in Lake Okeechobee WOD	10,000			This amount is in the current budget and will not be spent this year - it's being added to next year's amount for Lake Okeechobee.
8	Increase in Lake Worth Lagoon Local Initiatives	7,000			This increase is for the C-51 Sediment Trap Survey.
9	Increase in Regional Modeling - Model Implementation/Applications	75,000			Increase is due to Big Cypress Basin LOS Modeling refinement.
10	Increase in Regional Water Quality Monitoring - Field Operations Internal	34,882			This increase is for Restoration Strategies STA 1W compliance assessment.
11	Increase in SLR & IRL Development/Implementation Source Control Strategies	10,000			This amount is in the current budget and will not be spent this year - it's being added to next year's amount for St. Lucie River.
12	Increase in SLRW Upstream Monitoring	15,000			Moved to contracts from Interagency Expenditures above.
Operating Expenses				120,686	
13	Increase in Biscayne Bay Applied Research & Model Development	3,900			This amount is for lab supplies to support Biscayne Bay research.
14	Increase in Central Florida Water Initiative	20,000			This amount was reallocated from contracts to operating expense for the Central Florida Water Initiative project.
15	Increase in Everglades Program Support	62,838			Increase in funds needed to maintain aircrafts supporting the Everglades Program.
16	Increase in Everglades Research & Evaluation - Multi-Disciplinary Research	440			Increase in funds needed to maintain airboats supporting the Everglades Program.
17	Increase in Florida Bay and Florida Keys Applied Research & Model Developm	10,570			Increase in funds to purchase parts and supplies for Florida Bay research.
18	Increase in Hydrogeologic Data Gathering	783			Reclassification of professional licenses from the Water Supply Development functional area.
19	Increase in Lake Okeechobee In-Lake Assessment	4,000			This increase is to purchasee additional lab supplies.
20	Increase in Lake Okeechobee Program Support	15,505			The increase is primarily due to helicopter insurance and training in support of the Lake Okeechobee Program.
21	Increase in Naples Bay-Activity	2,650			Additional funds are budgeted for anticipated travel in support of Naples Bay activities.
Operating Capital Outlay				34,000	
22	Increase in Lake Okeechobee Water Quality Assessment and Reporting	34,000			This amount is for Lakeside Ranch streamgauge field equipment.
Fixed Capital Outlay				-	
Interagency Expenditures (Cooperative Funding)				281,611	
23	Increase in C&SF Monitoring & Assessment	12,087			This increase is primarily due to USGS SW CORE Network for Orlando area.
24	Increase in Florida Bay and Florida Keys Applied Research & Model Developm	115,000			This increase is for Florida Bay SAV monitoring.
25	Increase in Indian River Lagoon License Tag Program	154,524			Available fund balance for the IRL program is being added to the budget for cooperative agreements with local agencies.
Debt				-	
Reserves				-	
		TOTAL NEW ISSUES	0	2,332,100	
1.0 Water Resources Planning and Monitoring Total Workforce and Tentative Budget for FY 2019-20			235	$ 51,650,861	

IV. PROGRAM ALLOCATIONS

Changes and Trends

In the Fiscal Year 2018-19 Adopted budget this program illustrated an increase in Operating Expenses due to the way our actual insurance expenditures post through payroll, an accounting practice which is continued in the Fiscal Year 2019-20 Tentative budget. Postings are based on where staff charges versus where staff is budgeted, coupled with budgeting the Districts full insurance exposure. Fixed Capital Outlay increases over the last several fiscal years are a result of the construction of three monitoring wells for the Central Florida Water Initiative (CFWI). Contracted services increased in Fiscal Years 2018-19 and Fiscal Year 2019-20 with one-time funding for Operations Emergency Operations Model Forecasting tool, interagency model archiving efforts and mitigation funding in the water conservation area.

This program represents a continued level of service consistent with Fiscal Year 2018-19.

Updates to the District's regional water supply plans have been initiated or planned. The five-year update to the Lower East Coast was completed in the first quarter of Fiscal Year 2018-19. The schedule for completion of the five-year updates are Lower Kissimmee Basin in Fiscal Year 2019-20; CFWI in Fiscal Year 2020-21; Upper East Coast in Fiscal Year 2020-21 and Lower West Coast in Fiscal Year 2022-23.

Budget Variances

The Fiscal Year 2019-20 Tentative Budget is $51.7 million, which is a 2.8 percent ($1.5 million) decrease from the Fiscal Year 2018-19 Adopted Budget of $53.1 million. The reduction is primarily due to Interagency Expenditures decreasing by $1.1 million for Big Cypress Basin local partnership projects and the realignment of CERP Recover, Adaptive Assessment & Monitoring and USACE Monitoring efforts to Program Activity 2.3. The FTEs supporting those activities were also realigned which resulted in a decrease of $778,081. Also, there is a decrease in Fixed Capital Outlay ($310,849) for Central Florida Water Initiatives resulting from some of the funds allocated to that project being used in the current year. The decrease in Operating Capital Outlay ($357,700) is a result of purchasing of SCADA equipment for Herbert Hoover Dike and Operations and Maintenance equipment in the current fiscal year. The $1.0 million increase in Contracted Services is due primarily to new initiatives for the Lake Okeechobee and Everglades programs. The increase of $27,966 in Other Personal Services was reallocated from the Operations & Maintenance of Lands and Works Program.

Major Budget Items for this program include the following:

- Projects in Appendix C under this program can be found in Appendix C of this budget as well as in each activity or sub-activity of this program ($2.5 million).

Major Budget Items not found in Appendix C are provided by budget category below:

- Salaries and Benefits ($24.8 million) (235 FTEs).
- Other Personal Services ($136,580) (1 OPS).
- Contracted Services:
    - C&SF Monitoring Assessment ($701,160)

- Regional Modeling Efforts ($648,841).
- Everglades Research & Evaluation ($375,000)
- Everglades Program Support ($251,750).
- Hydrogeologic Data Gathering ($246,365).
- Lake Okeechobee In-Lake Assessment ($894,210)
- Lake Okeechobee Program Support ($269,550)

- Operating Expense:
  - Water Supply Program Support ($10.6 million) for Self-Insurance Programs (comprised of health insurance, workers compensation, property insurance, general liability).
  - Everglades Program Support ($2.0 million), which includes:
    - Property appraiser and tax collector fees ($1.2 million).
  - Caloosahatchee River & Estuary Protection Plan ($265,540).
- Interagency Expenditures:
  - Big Cypress Basin ($2.7 million), which includes:
    - Intergovernmental Local Agreement Projects, including Collier County Settlement Agreement ($2.4 million)
    - Lake Trafford Watershed Monitoring ($250,000).
  - C&SF Project Monitoring and Assessment ($938,435), which includes:
    - USGS Ground Water and Surface Water Core Network Monitoring.
  - Florida Bay and Florida Keys Applied Research & Model Development ($488,500).
  - Hydrogeologic Data Gathering ($310,976).
  - Local Initiatives – Indian River Lagoon License Tag Program ($248,000).
  - Indian River Lagoon Initiatives Team ($500,000).
  - Regional Water Quality Monitoring ($420,026).

IV. PROGRAM ALLOCATIONS

1.1 District Water Management Planning - Local and regional water management and water supply planning, minimum flows and levels, and other long-term water resource planning efforts. The District Water Management Plans developed pursuant to Section 373.036, F.S., are the District-wide planning documents which encompass other levels of water management 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 programs and projects to ensure that adequate and sustainable water supplies are available to meet existing and future water supply needs while protecting the environment and water resources. Water supply plans are required to identify specific water resource and water supply development projects to meet future demands.

The plans identify a series of water source options for each of the planning areas. The options are as prescribed by Section 373.709, F.S., Regional Water Supply Planning, and incorporate traditional and alternative water supply projects, including water conservation, to meet existing and future reasonable-beneficial uses while sustaining water resources and related natural systems of each planning area. The District is implementing its updated regional water supply plans, which are updated every five years, over a 20-year planning horizon. The Upper East Coast Plan was updated in Fiscal Year 2015-16. The Lower West Coast Plan was updated in Fiscal Year 2017-18. The Lower East Coast Plan was updated in Fiscal Year 2018-19 and the Lower Kissimmee Basin Plan Update is scheduled for completion in Fiscal Year 2019-20. 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 districts' boundaries meet. In November 2015, the Governing Boards of the three districts approved the 2015 CFWI Regional Water Supply Plan (RWSP), including the 2035 Water Resources Protection and Water Supply Strategies Plan. Development of the 2020 update for the CFWI RWSP began in Fiscal Year 2016-17 and is scheduled for completion in Fiscal Year 2020-21.

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 by the Governing Board. 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 to accommodate the proposed amendment as well as all the local government's other demands.

IV. PROGRAM ALLOCATIONS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
1.1 District Water Management Planning

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 6,612,321	$ 6,127,769	$ 6,248,753	$ 6,960,878	$ 4,144,790	$ (2,816,088)	-40.5%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 476,377	$ 293,482	$ 209,830	$ 911,251	$ 366,476	$ (544,775)	-59.8%
Operating Expenses	$ 324,553	$ 291,514	$ 462,045	$ 11,291,117	$ 11,067,207	$ (223,910)	-2.0%
Operating Capital Outlay	$ 16,625	$ 87,833	$ 67,581	$ 3,500	$ 3,500	$ -	0.0%
Fixed Capital Outlay	$ -	$ -	$ 884,412	$ 1,668,163	$ 1,357,314	$ (310,849)	-18.6%
Interagency Expenditures (Cooperative Funding)	$ 4,546,163	$ 3,528,186	$ 5,534,831	$ 4,197,102	$ 3,434,418	$ (762,684)	-18.2%
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 11,976,039	$ 10,328,784	$ 13,407,452	$ 25,032,011	$ 20,373,705	$ (4,658,306)	-18.6%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 16,691,480	$ 3,610,768	$ -	$ -	$ 71,457	$ -	$ 20,373,705

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 4,144,790	$ -	$ 4,144,790
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ 121,000	$ 245,476	$ 366,476
Operating Expenses		$ 151,385	$ 10,915,822	$ 11,067,207
Operating Capital Outlay		$ 3,500	$ -	$ 3,500
Fixed Capital Outlay		$ -	$ 1,357,314	$ 1,357,314
Interagency Expenditures (Cooperative Funding)		$ 1,718,380	$ 1,716,038	$ 3,434,418
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 6,139,055	$ 14,234,650	$ 20,373,705

Changes and Trends

This activity represents a continued level of service consistent with Fiscal Year 2018-19.

In the Fiscal Year 2018-19 Adopted budget this program illustrated an increase in Operating Expenses due to the way our actual insurance expenditures post through payroll an accounting practice which is continued in the Fiscal Year 2019-20 Tentative budget. Postings are based on where staff charges versus where staff is budgeted, coupled with budgeting the Districts full insurance exposure.

Budget Variances

This activity has an 18.6 percent ($4.7 million) decrease in comparison to the Fiscal Year 2018-19 Adopted Budget of $25.0 million. Salaries and Benefits decrease of $2.8 million was realigned to Program Activities 1.2 and 2.3. The Contracted Services decrease of $544,775; Operating Expenses decrease of $223,910; and Fixed Capital Outlay decrease of $310,849 are for the CFWI project and are explained in sub-activity 1.1.1 below. Interagency Expenditures decrease of $762,684 in Applied Research and Hydrogeologic Data Gathering which were realigned to sub-activity 1.2, and intergovernmental agreements for Big Cypress Basin.

Major Budget Items for this activity include the following:

- Salaries and Benefits ($4.1 million).
- Operating Expense:
  - Water Supply Program Support ($10.6 million) for Self-Insurance Programs (comprised of health insurance, workers compensation, property insurance, general liability).

- Big Cypress Basin ground and surface water monitoring ($135,000).
- Caloosahatchee River & Estuary Protection Plan ($265,540).

- Interagency Expenditures:
  - Big Cypress Basin ($2.7 million), which includes:
    - Intergovernmental Local Agreement Projects ($1.4 million)
    - Collier County Settlement Agreement ($1.0 million)
    - Lake Trafford Watershed Monitoring ($250,000).
  - Indian River Lagoon License Tag Program ($248,000).
  - Indian River Lagoon Initiatives Team ($500,000).

IV. PROGRAM ALLOCATIONS

1.1.1. Water Supply Planning - Long-term planning to assess and quantify existing and reasonably anticipated water supply needs and sources, and to maximize the beneficial use of those sources, for humans and natural systems. This includes water supply assessments developed pursuant to Section 373.036, F.S., and regional water supply plans developed pursuant to Section 373.0361, F.S.

District Description

Long-term planning to assess and quantify existing and reasonably anticipated water supply needs and sources, and to maximize the beneficial use of those sources, for humans and natural systems. This includes water supply assessments developed pursuant to Section 373.036, F.S., and regional water supply plans developed pursuant to Section 373.0361, F.S. 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 when needed.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SUBACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
1.1.1 Water Supply Planning

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 3,434,417	$ 3,020,483	$ 3,261,282	$ 3,510,213	$ 2,745,040	$ (765,173)	-21.8%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 141,345	$ 216,806	$ 122,992	$ 792,591	$ 345,476	$ (447,115)	-56.4%
Operating Expenses	$ 116,254	$ 48,423	$ 150,367	$ 10,716,561	$ 10,654,657	$ (61,904)	-0.6%
Operating Capital Outlay	$ 3,590	$ 53,306	$ 36,115	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ 884,412	$ 1,668,163	$ 1,357,314	$ (310,849)	-18.6%
Interagency Expenditures (Cooperative Funding)	$ 441,892	$ 423,392	$ 428,290	$ 337,658	$ -	$ (337,658)	-100.0%
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 4,137,498	$ 3,762,410	$ 4,883,458	$ 17,025,186	$ 15,102,487	$ (1,922,699)	-11.3%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 13,469,697	$ 1,632,790	$ -	$ -	$ -	$ -	$ 15,102,487

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 2,745,040	$ -	$ 2,745,040
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ 100,000	$ 245,476	$ 345,476
Operating Expenses		$ 775	$ 10,653,882	$ 10,654,657
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ 1,357,314	$ 1,357,314
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 2,845,815	$ 12,256,672	$ 15,102,487

Changes and Trends

This activity represents a continued level of service consistent with Fiscal Year 2018-19. In the Fiscal Year 2018-19 Adopted budget this program illustrated an increase in Operating Expenses due to the way our actual insurance expenditures post through payroll an accounting practice which is continued in the Fiscal Year 2019-20 Tentative budget. Postings are based on where staff charges versus where staff is budgeted, coupled with budgeting the Districts full insurance exposure. The continued implementation of the CFWI monitoring well project has resulted in fluctuations to Fixed Capital Outlay and Contracted Services over the five-year period. This is because access agreements with public and private entities are

required to be in place prior to well installation, and the timeliness of securing such agreements is highly variable. Updates to the District's regional water supply plans have been initiated or planned. The five-year update to the Lower East Coast was completed in Fiscal Year 2018-19. The schedule for completion of the five-year updates are Lower Kissimmee Basin in Fiscal Year 2019-20; CFWI in Fiscal Year 2020-21; Upper East Coast in Fiscal Year 2020-21 and Lower West Coast in Fiscal Year 2022-23.

Budget Variances

This sub-activity has a 11.3 percent ($1.9 million) decrease from the Fiscal Year 2018-19 Adopted Budget of $17.0 million. Salaries and Benefits decrease of $765,173 is because some staff activities were moved to Program Activity 1.2. Contracted Services decrease of $447,115 in CFWI project (a portion of the funds being used in current year) and Hydrogeologic Data Gathering which was realigned to Program Activity 1.2. Operating Expenses decrease of $61,904 is also in Hydrogeologic Data Gathering. Fixed Capital Outlay decrease of $310,849 in CFWI is because some of the funds are being used in the current year for ground water wells. Interagency Expenditures decrease of $337,658 in Hydrogeologic Data Gathering which was realigned to Program Activity 1.2.

Major Budget Items for this sub-activity include the following:

- Salaries and Benefits ($2.7 million).

Appendix C includes projects that are funded with Salaries and Benefits (included in the salaries and benefits number above), Contracted Services, Operating Expenses, and Fixed Capital Outlay.

Project Name	Salaries and Benefits	Other Personal Services	Contracted Services	Operating Expenses	Operating Capital Outlay	Fixed Capital Outlay	Interagency Expenditures	Debt	Reserves	Grand Total
Central Florida Water Initiative	$ 813,030	$ -	$ 270,476	$ 30,000	$ -	$ 1,357,314	$ -	$ -	$ -	$ 2,470,820
Grand Total	**$ 813,030**	**$ -**	**$ 270,476**	**$ 30,000**	**$ -**	**$ 1,357,314**	**$ -**	**$ -**	**$ -**	**$ 2,470,820**

The following are the other Major Budget items not included in Appendix C:

- Operating Expense:
  - Water Supply Program Support ($10.6 million) for Self-Insurance Programs (comprised of health insurance, workers compensation, property insurance, general liability).

CFWI monitoring well project items are primarily funded with Reserves without restrictions ($1,632,790).

1.1.2 Minimum Flows and Levels - The establishment of minimum surface and ground water levels and surface water flow conditions required to protect water resources from significant harm, as determined by the District Governing Board.

District Description

The establishment of minimum flows and minimum water levels (MFLs) for lakes, rivers, wetlands, estuaries, and aquifer are required to protect water resources from significant harm, as determined by the District Governing Board. Minimum flows and minimum water levels identify the point at which further withdrawals will cause significant harm to the state's surface water and groundwater resources. MFL criteria are adopted by Section 373.042, F.S. For waterbodies that do not currently meet the MFL criteria, each water management district must develop a recovery strategy, which outlines a plan to meet MFL criteria. A prevention strategy 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), F.S.].

To date, nine MFLs have been adopted within District boundaries, which includes 40 different MFL compliance monitoring sites. 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 River and 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 several water reservation rules and restricted allocation area rules, as discussed below, to provide resource protection to multiple waterbodies since 2006. The District periodically re-evaluates adopted MFL criteria to ensure continued protection of natural systems. In 2014, the District conducted a re-evaluation of MFL criteria for Florida Bay. 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.

From 2011-2017, District scientists completed a comprehensive assessment of the science and research for the Caloosahatchee River Estuary (CRE) to re-evaluate the MFL. District scientists used a resource-based approach, which involved using multiple ecological indicators in the CRE to evaluate their responses to low flow conditions during the dry season. An MFL technical support document was also developed in 2017. This MFL technical document received a scientific peer review by an independent panel of experts. Overall, the peer review was very positive and did not contain any major deficiencies. In 2018, District staff began the rule development process and held two separate public rule development workshops. In July of 2018, the Governing Board authorized the Notice of Proposed Rule to revise the MFL criteria. The rule development process is expected to be completed by the end of 2019.

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), F.S.]. 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 in 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 in 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. 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. In 2016, the District developed a modeling tool to assist with addressing the fish and wildlife issues and other technical concerns received during the public comment period. Staff continues to perform technical evaluations to address these comments. In 2018-2019, additional public workshops are planned to address the technical issues and revise the draft rules where necessary.

Like water reservations, Restricted Allocation Areas (RAAs) are another water resource protection tool that is implemented for geographic areas where water allocations from specific water resources are limited. Additional allocations beyond the established limitation are restricted or prohibited because there is a lack of water available to meet the projected needs, to protect water for natural systems and future restoration projects, or as part of an MFL Recovery or Prevention Strategy. RAAs' traditional water sources beyond the specified limitations are not relied upon to be available to meet the projected needs of a region. 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), F.S., 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 Sub-Activity 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 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.

IV. PROGRAM ALLOCATIONS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SUBACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
1.1.2 Minimum Flows and Levels

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 388,184	$ 432,046	$ 342,858	$ 303,691	$ 337,129	$ 33,438	11.0%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 91,381	$ 20,000	$ 69,689	$ -	$ -	$ -	-
Operating Expenses	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 479,565	$ 452,046	$ 412,547	$ 303,691	$ 337,129	$ 33,438	11.0%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 337,129	$ -	$ -	$ -	$ -	$ -	$ 337,129

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 337,129	$ -	$ 337,129
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ -	$ -	$ -
Operating Expenses		$ -	$ -	$ -
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 337,129	$ -	$ 337,129

Changes and Trends

Within the last five years, funding in this sub-activity has decreased due to a reduction in needed FTEs. In addition, contractual needs associated with Peer Reviews and Statements of Estimated Regulatory Costs (SERC) evaluations have decreased. In Fiscal Year 2019-20 there was a slight increase in Salaries and Benefits, but the level of service remains consistent with Fiscal Year 2018-19.

Budget Variances

This sub-activity has an 11.0 percent ($33,438) increase from the Fiscal Year 2018-19 Adopted Budget due to allocation of more staff time in support of this activity.

Major Budget Items for this sub-activity include the following:

- Salaries and Benefits ($337,129).

There are no items funded with Reserves.

1.1.3 Other Water Resource Planning - District water management planning efforts not otherwise categorized above, such as comprehensive planning, watershed assessments and plans, SWIM planning, and feasibility studies.

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.

SUBACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

TENTATIVE BUDGET - Fiscal Year 2019-20

1.1.3 Other Water Resource Planning

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 2,789,720	$ 2,675,240	$ 2,644,613	$ 3,146,974	$ 1,062,621	$ (2,084,353)	-66.2%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 243,651	$ 56,676	$ 17,149	$ 118,660	$ 21,000	$ (97,660)	-82.3%
Operating Expenses	$ 208,299	$ 243,091	$ 311,678	$ 574,556	$ 412,550	$ (162,006)	-28.2%
Operating Capital Outlay	$ 13,035	$ 34,527	$ 31,466	$ 3,500	$ 3,500	$ -	0.0%
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ 4,104,271	$ 3,104,794	$ 5,106,541	$ 3,859,444	$ 3,434,418	$ (425,026)	-11.0%
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 7,358,976	$ 6,114,328	$ 8,111,447	$ 7,703,134	$ 4,934,089	$ (2,769,045)	-35.9%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 2,884,654	$ 1,977,978	$ -	$ -	$ 71,457	$ -	$ 4,934,089

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 1,062,621	$ -	$ 1,062,621
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ 21,000	$ -	$ 21,000
Operating Expenses		$ 150,610	$ 261,940	$ 412,550
Operating Capital Outlay		$ 3,500	$ -	$ 3,500
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ 1,718,380	$ 1,716,038	$ 3,434,418
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 2,956,111	$ 1,977,978	$ 4,934,089

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. The Boma Cost to Cure Project has caused the Operating Expenses category to trend upwards in the last couple of years. Then, in Fiscal Year 2019-20 the Applied Research and Coastal Watersheds activities are being moved from Program Activity 1.1.3 to 1.2 causing reductions across most of the expense groups.

Budget Variances

This sub-activity has a 35.9 percent ($2.8 million) decrease from the Fiscal Year 2018-19 Adopted Budget due to Applied Research and Coastal Watersheds activities being moved from Program Activity 1.1.3 to 1.2 causing reductions across most of the expense groups. This redirection of activities resulted in a decrease to Salaries and Benefits of $2.1 million. The decrease in Contracted Services of $97,660 is in Caloosahatchee River & Estuary Protection Plan and SLR and IRL Applied Research. The decrease in Operating Expenses of $162,006 is Florida Bay and Florida Keys applied research and Coastal Watersheds support. The decrease of $425,026 in Interagency Expenditures is in Big Cypress Basin intergovernmental projects and Florida Bay and Florida Keys applied research.

Major Budget Items for this sub-activity include the following:

- Salaries and Benefits ($1.1 million).
- Operating Expenses:
  - Big Cypress Basin ($135,000) for Surface Water Quality and Groundwater Monitoring.
  - Caloosahatchee River & Estuary Protection Plan ($265,540), which includes:
    - Boma Cost to Cure Project ($261,940).
- Interagency Expenditures:
  - Big Cypress Basin ($2.7 million), which includes:
    - Intergovernmental Local Agreement Projects ($1.4 million)
    - Collier County Settlement Agreement ($1.0 million)
    - Lake Trafford Watershed Monitoring ($250,000)
  - Indian River Lagoon Initiatives Team ($500,000).
  - Indian River Lagoon License Tag Program in Martin, St. Lucie, and Palm Beach counties ($248,000).

Items funded with Reserves without restrictions are a portion of Indian River Lagoon Estuary Program ($500,000) and a portion of Boma Improvement – FDOT SR80 Widening ($31,639).

Items funded with Reserves with restrictions include a portion of Future Land Acquisition (Surplus Land Sales Revenue) designated amount for Boma Improvement – FDOT SR80 Widening ($230,301), the IRL Tag Program ($176,543) and Big Cypress Basin intergovernmental projects ($1,039,495).

1.2 Research, Data Collection, Analysis and Monitoring - Activities that support District water management planning, restoration, and preservation efforts, including water quality monitoring, data collection and evaluation, and research.

District Description

Activities that support District water management planning, restoration, and preservation efforts, including water quality monitoring, data collection and evaluation, and research. 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 (EFA), Restoration Strategies, Environmental Resource Permitting, and the Northern Everglades and Estuaries Protection Program (NEEPP).

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 (BMP) 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. These strategies build upon the existing projects, further improve the quality of stormwater entering the Everglades and are anticipated to achieve compliance with the total phosphorus (TP) water quality standard established for the Everglades (www.sfwmd.gov/restorationstrategies). In September 2012, DEP issued SFWMD Consent Orders associated with Everglades STA permits, which outline a suite of projects with deadlines for completion. The identified projects primarily consist of reservoirs referred to as flow equalization basins (FEBs), STA expansions, and associated infrastructure and conveyance improvements. These projects, several of which are completed and operational, are being designed and constructed at a total cost of approximately $880 million. Pursuant to the DEP Consent Orders, the District is also implementing a Science Plan for the Everglades STAs to investigate the critical factors that collectively influence phosphorus removal and better understand the ability to meet the phosphorus removal goals and the sustainability of STA performance at low phosphorus concentrations.

The NEEPP mandates the coordination agencies South Florida Water Management District, DEP, and Florida Department of Agriculture and 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 respective Research and Water Quality Monitoring Programs for the lake and estuaries, which include water quality and ecological monitoring and assessment, and related research 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.

Pursuant to Chapter 2005-36, Laws of Florida, and Subsection 373.036 (7), F.S., the District in cooperation with the DEP, publishes and submits the S*outh Florida Environmental Report* (SFER) to the Florida legislature, governor, and other key stakeholders on March 1 each year (www.sfwmd.gov/science-data/sfer). This unified reporting supports the restoration, management, and protection activities associated with the Kissimmee Basin, Northern Everglades (Lake Okeechobee, St. Lucie Estuary and Caloosahatchee Rivers and Estuaries), and the Southern Everglades. 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.

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.

The Everglades STAs continue to show excellent annual performance. During Water Year 2017 (May 1, 2016 to April 30, 2017), the combined STAs treated approximately 1.1 million acre-feet of water, reducing flow-weighted mean phosphorus concentration to 15 parts per billion. During this water year, the STAs removed 108 metric tons of TP, which is 84 percent of the phosphorus load. To date, the STAs combined have removed approximately 2,329 metric tons of phosphorus that otherwise would have gone to the Everglades Protection Area.

IV. PROGRAM ALLOCATIONS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
1.2 Research, Data Collection, Analysis and Monitoring

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 15,340,103	$ 14,745,042	$ 14,035,576	$ 16,454,111	$ 18,468,831	$ 2,014,720	12.2%
Other Personal Services	$ 112,026	$ 105,203	$ 99,022	$ 108,614	$ 136,580	$ 27,966	25.7%
Contracted Services	$ 934,774	$ 1,261,438	$ 1,167,556	$ 2,243,377	$ 3,796,333	$ 1,552,956	69.2%
Operating Expenses	$ 2,084,596	$ 1,976,785	$ 2,396,806	$ 3,003,526	$ 3,236,465	$ 232,939	7.8%
Operating Capital Outlay	$ 117,278	$ 127,935	$ 177,266	$ 495,800	$ 138,100	$ (357,700)	-72.1%
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ 2,470,395	$ 2,012,611	$ 2,378,766	$ 2,568,380	$ 2,238,808	$ (329,572)	-12.8%
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 21,059,172	$ 20,229,014	$ 20,254,992	$ 24,873,808	$ 28,015,117	$ 3,141,309	12.6%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 25,126,152	$ 1,070,478	$ -	$ 300,000	$ 660,455	$ 858,032	$ 28,015,117

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 18,468,831	$ -	$ 18,468,831
Other Personal Services		$ 136,580	$ -	$ 136,580
Contracted Services		$ 3,023,603	$ 772,730	$ 3,796,333
Operating Expenses		$ 2,743,937	$ 492,528	$ 3,236,465
Operating Capital Outlay		$ 138,100	$ -	$ 138,100
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ 2,238,808	$ -	$ 2,238,808
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 26,749,859	$ 1,265,258	$ 28,015,117

Changes and Trends

Overall funding for the last few years has moderately fluctuated in this activity. Fiscal Year 2018-19 Adopted Budget and Fiscal Year 2019-20 Tentative Budget increased in support of this activity. The apparent increases in all budget categories from Fiscal Year 2015-16 to Fiscal Year 2018-19 are solely due to differences in actual-audited expenditures and planned budgets. In Fiscal Year 2019-20, the Applied Research and Coastal Watersheds activities were moved from Program Activity 1.1.3 to 1.2 causing increases across most of the expense groups.

Budget Variances

This activity has a 12.6 percent ($3.1 million) increase from the Fiscal Year 2018-19 Adopted Budget. This is primarily due to reallocation of Salaries and Benefits from Other Resources Planning (Program Sub-Activity 1.1.3) to Research, Data Collection, Analysis and Monitoring (Program Activity 1.2) resulting in a $2.0 million increase. Contracted Services increase of $1.6 million for new initiatives for the Lake Okeechobee and Everglades Program ($1.4 million) and Hydrogeologic Data Gathering ($246,365). The increase in Other Personal Services of $27,966 is a redirection to Hydrologic Data Processing from Program 3.0. The increase in Operating Expense of $232,939 is Florida Bay and Florida Keys applied research and aircraft maintenance for Everglades support. The decrease in Operating Capital Outlay of $357,700 is due to Herbert Hoover Dike SCADA Equipment and field equipment that are not in the Tentative Budget. The decrease in Interagency Expenditures of $329,572 is primarily in CERP Adaptive Assessment & Monitoring.

Major Budget Items for this activity include the following:

- Salaries and Benefits ($18.5 million).
- Other Personal Services ($136,580), which includes:

- On-going C&SF Monitoring and Assessment ($96,064).
- LTP STA O&M – Monitoring and Assessment ($27,966).
- Lake Okeechobee Water Quality Assessment & Reporting ($12,550).

- Contracted Services:
  - C&SF Monitoring and Assessment ($701,160).
  - Everglades Research & Evaluation ($375,000).
  - Everglades Program Support ($251,750).
  - Hydrogeologic Data Gathering ($246,365).
  - Lake Okeechobee In-Lake Assessment ($984,210).
  - Lake Okeechobee Program Support ($269,550).
  - Regional Modeling Process Improvement, Implementation, and Maintenance ($648,841).
- Operating Expenses:
  - Everglades Program Support ($2.0 million), which includes:
    - Property Appraiser and Tax Collector fees ($1.2 million). Expenses for the Everglades Forever Act property appraiser and tax collector fees are captured here to properly tie the cost of collecting the tax to the associated fund and activities.
  - Everglades Construction Project - Operations Monitoring ($128,611).
  - Florida Bay and Florida Keys Applied Research and Model Development ($123,283).
  - Regional Water Quality Monitoring ($627,391).
- Operating Capital Outlay:
  - Regional Water Quality Monitoring ($96,500), which includes:
    - Lab Analysis and Compliance for Organics, Sediment, and Water ($40,500)
    - Field Operations ($56,000).
  - Lake Okeechobee Water Quality Assessment and Reporting ($34,000).
- Interagency Expenditures:
  - C&SF Monitoring and Assessment ($938,435).

- Florida Bay and Florida Keys Applied Research and Model Development ($488,500).
- Hydrogeologic Data Gathering ($310,976).
- Regional Water Quality Monitoring ($420,026).

Items funded with Reserves without restrictions include an Operations Emergency Model Forecast tool ($150,000), a portion of the Property Appraiser and Tax Collector Fees ($472,728), a portion of O&M New Works designated amount for field equipment for Lakeside Ranch ($34,000), a portion of the St. Lucie River and Estuary Indian River Lagoon for NEEPP SLRW ($20,000), a portion of the Regulatory Source Control Program for NEEPP LOK ($20,000) and a portion of Kissimmee River Restoration Evaluation Lower Basin, Gardner Cobb & Lake Okeechobee Aerial Imagery ($8,750).

Items funded with Reserves with restrictions include a portion of Mitigation – Lakebelt/Wetland designated amount for Water Conservation Area Active Marsh Improvement project ($250,000), and Florida Bay SAV monitoring ($115,000).

1.3 Technical Assistance - Activities that provide local, state, tribal, and federal planning support, including local government comprehensive plan reviews, DRI siting, and Coastal Zone Management efforts.

District Description

Activities that provide local, state, tribal, and federal planning support, including local government comprehensive plan reviews, DRI siting, and Coastal Zone Management efforts. The District provides technical assistance to local governments on their local comprehensive plans, ten-year water supply facilities work 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 DEP.
- 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 as needed and provided assistance to local governments regarding ten-year water supply facility work plans.
- 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.

IV. PROGRAM ALLOCATIONS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
1.3 Technical Assistance

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 215,424	$ 198,548	$ 201,466	$ 210,833	$ 218,692	$ 7,859	3.7%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Expenses	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 215,424	$ 198,548	$ 201,466	$ 210,833	$ 218,692	$ 7,859	3.7%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 218,692	$ -	$ -	$ -	$ -	$ -	$ 218,692

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 218,692	$ -	$ 218,692
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ -	$ -	$ -
Operating Expenses		$ -	$ -	$ -
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 218,692	$ -	$ 218,692

Changes and Trends

Over the last five years, funding in this sub-activity remained relatively stable. This activity represents a continued level of service consistent with Fiscal Year 2018-19.

Budget Variances

This activity has a 3.7 percent ($7,859) increase in Salaries and Benefits from the Fiscal Year 2018-19 Adopted Budget of $210,833 due to the re-allocation of resources in support of Technical Assistance.

Major Budget Items for this activity include the following:

- Salaries and Benefits ($218,692).

There are no items funded with Reserves.

1.4 Other Water Resources Planning and Monitoring Activities - Water resources planning, and monitoring activities not otherwise categorized above.

District Description

All Water Resources and Planning activities are captured within other activities not necessitating utilization of this "Other" activity component.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
1.4 Other Water Resource Planning and Monitoring Activities

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ -	$ -	$ -	$ -	$ -	$ -	-
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Expenses	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ -	$ -	$ -	$ -	$ -	$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ -	$ -	$ -	$ -	$ -	$ -	$ -

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		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		$ -	$ -	$ -
TOTAL		$ -	$ -	$ -

No funding has been budgeted to the activity for the last five years. All Water Resources and Planning activities are captured within other sub-activities.

1.5 Technology and Information Services - 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 associated with this Program and related activities.

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 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
1.5 Technology and Information Services

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 1,464,606	$ 1,277,815	$ 1,503,568	$ 1,913,530	$ 1,928,958	$ 15,428	0.8%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 201,642	$ 138,419	$ 118,330	$ 136,805	$ 136,805	$ -	0.0%
Operating Expenses	$ 972,235	$ 899,483	$ 911,757	$ 977,584	$ 977,584	$ -	0.0%
Operating Capital Outlay	$ 15,600	$ 5,880	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 2,654,083	$ 2,321,597	$ 2,533,655	$ 3,027,919	$ 3,043,347	$ 15,428	0.5%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 3,043,347	$ -	$ -	$ -	$ -	$ -	$ 3,043,347

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 1,928,958	$ -	$ 1,928,958
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ 136,805	$ -	$ 136,805
Operating Expenses		$ 977,584	$ -	$ 977,584
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 3,043,347	$ -	$ 3,043,347

Changes and Trends

Over the past five years, Salaries and Benefits have fluctuated, but is higher in the Adopted and Tentative Budget than it was five years ago because staff was centralized into IT for geospatial and SCADA operations in Fiscal Year 2017-18. This sub-activity represents a continued level of service over the past five years.

Budget Variances

This activity has a 0.5 percent ($15,428) increase from the Fiscal Year 2018-19 Adopted Budget of $3,027,919 due to an increase of 0.8 percent ($15,428) in Salaries and Benefits.

IV. PROGRAM ALLOCATIONS

Major Budget Items for this activity include the following:

- Salaries and Benefits ($1.9 million).
- Contracted Services:
  - Modeling and Scientific Support - IT Support ($136,805), which includes:
    - Computer consulting services ($96,185), enterprise resource support and IT security.
    - Copier/printer leases ($40,620).
- Operating Expenses:
  - Modeling and Scientific Support - IT Support ($977,584) which includes:
    - Software maintenance ($800,233).
    - Hardware maintenance ($53,775).
    - Communication service ($87,586).

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

2.0 Land 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.

District Description

The District oversees the development and construction of all restoration capital projects including surface water projects pertaining to Restoration Strategies, the CERP, and the NEEPP, as well as water supply development assistance through cooperative funding for Alternative Water Supply (AWS).

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

TENTATIVE BUDGET - Fiscal Year 2019-20

2.0 Land Acquisition, Restoration and Public Works

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 13,346,602	$ 12,590,952	$ 13,310,370	$ 16,013,652	$ 17,344,649	$ 1,330,997	8.3%
Other Personal Services	$ 27,573	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 9,504,656	$ 18,028,614	$ 16,804,395	$ 79,343,744	$ 82,314,638	$ 2,970,894	3.7%
Operating Expenses	$ 5,698,495	$ 4,572,420	$ 5,229,104	$ 4,656,405	$ 8,569,001	$ 3,912,596	84.0%
Operating Capital Outlay	$ 16,769,979	$ 11,032,561	$ 13,557,710	$ 12,132,800	$ 9,253,187	$ (2,879,613)	-23.7%
Fixed Capital Outlay	$ 88,194,954	$ 151,261,824	$ 134,454,550	$ 273,556,981	$ 373,999,071	$ 100,442,090	36.7%
Interagency Expenditures (Cooperative Funding)	$ 1,718,700	$ 3,074,617	$ 5,321,743	$ 926,221	$ 5,005,252	$ 4,079,031	440.4%
Debt	$ 34,848,725	$ 32,029,525	$ 30,410,250	$ 30,393,625	$ 30,372,127	$ (21,498)	-0.1%
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 170,109,684	$ 232,590,513	$ 219,088,122	$ 417,023,428	$ 526,857,925	$ 109,834,497	26.3%

SOURCE OF FUNDS

Fiscal Year 2019-20

	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Salaries and Benefits	$ 16,630,414	$ 13,035	$ -	$ -	$ 561,846	$ 139,354	$ 17,344,649
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Contracted Services	$ 2,402,474	$ 3,177,070	$ -	$ -	$ 75,553,718	$ 1,181,376	$ 82,314,638
Operating Expenses	$ 4,655,656	$ 3,872,584	$ -	$ -	$ 27,835	$ 12,926	$ 8,569,001
Operating Capital Outlay	$ 60,000	$ 7,890,387	$ -	$ 1,300,000	$ -	$ 2,800	$ 9,253,187
Fixed Capital Outlay	$ -	$ 60,788,405	$ -	$ -	$ 313,210,666	$ -	$ 373,999,071
Interagency Expenditures (Cooperative Funding)	$ 1,502,735	$ 163,040	$ -	$ -	$ 3,339,477	$ -	$ 5,005,252
Debt	$ 30,372,127	$ -	$ -	$ -	$ -	$ -	$ 30,372,127
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL	$ 55,623,406	$ 75,904,521	$ -	$ 1,300,000	$ 392,693,542	$ 1,336,456	$ 526,857,925

RATE, OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Workforce	Rate (Salary without benefits)	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	158	$ 12,326,953	$ 17,344,649	$ -	$ 17,344,649
Other Personal Services	-	$ -	$ -	$ -	$ -
Contracted Services	-	$ -	$ 73,986,568	$ 8,328,070	$ 82,314,638
Operating Expenses			$ 1,352,649	$ 7,216,352	$ 8,569,001
Operating Capital Outlay			$ 83,000	$ 9,170,187	$ 9,253,187
Fixed Capital Outlay			$ 297,824,918	$ 76,174,153	$ 373,999,071
Interagency Expenditures (Cooperative Funding)			$ 1,880,252	$ 3,125,000	$ 5,005,252
Debt			$ 30,372,127	$ -	$ 30,372,127
Reserves - Emergency Response			$ -	$ -	$ -
TOTAL			$ 422,844,163	$ 104,013,762	$ 526,857,925

WORKFORCE

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

WORKFORCE CATEGORY	Fiscal Year					Adopted to Tentative 2018-19 to 2019-20	
	2015-16	2016-17	2017-18	2018-19	2019-20	Difference	% Change
Authorized Positions	150	128	122	144	158	14	9.72%
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	150	128	122	144	158	14	9.72%

IV. PROGRAM ALLOCATIONS

South Florida Water Management District

REDUCTIONS - NEW ISSUES

2.0 Land Acquisition, Restoration and Public Works

Fiscal Year 2019-20

Tentative Budget - August 1, 2019

	FY 2018-19 Budget (Adopted)		**144**	**417,023,428**	
	Reductions				
Issue	Description	Issue Amount	Workforce	Category Subtotal	Issue Narrative
Salaries and Benefits			-	-	
Other Personal Services				-	
Contracted Services				(50,146,350)	
1	Decrease in CERP Program Support (Not Creditable)	(156,300)			Decrease is due to the completion of WAM Model Pre-Drainage Characterization ($92K), reclassification of C-139 Well Monitoring to Western Everglades ($24K), and completion of Hillsboro ASR repairs/maintenance ($40K).
2	Decrease in Dispersed Water Management	(40,305,015)			Decrease in new and rebudgeted state appropriated funding for Dispersed Water Management Public Private Partnerships (PPP) due to the execution of four PPP agreements in Fiscal Year 2018-19.
3	Decrease in Lake Okeechobee Phase II Technical Plan	(9,635,340)			Decrease due to redirection of Deep Injection Wells funding to other District priorities.
4	Decrease in Lake Okeechobee Program Support	(19,550)			Decrease due to realignment of costs to Program 1.0 (Water Resources Planning and Monitoring) resulting from an evaluation of activities supported.
5	Decrease in Picayune Strand Restoration	(10,000)			Decrease due to project component (Miller Pump Station) transfer to Operations and Maintenance.
6	Decrease in WCA3 Decomp & Sheetflow Evaluation	(20,145)			Decrease due to shift in funding requirements across expense categories for CERP project.
Operating Expenses				(264,032)	
7	Decrease in Biscayne Bay Applied Research & Model Development	(3,900)			Decrease due to realignment of costs to Program 1.0 resulting from an evaluation of activities supported.
8	Decrease in Biscayne Bay Coastal Wetlands	(25,000)			Decrease due to the reallocation of funding from L-31E flowway temporary pump, which was discontinued, to Biscayne Bay Coastal Wetlands project enhancements.
9	Decrease in Kissimmee Chain of Lakes (KCOL) Long-Term Management	(2,960)			Decrease due to a reduction in sample collections scheduled in FY20 for this area.
10	Decrease in Lake Okeechobee Program Support	(15,505)			Decrease due to realignment of costs to Program 1.0 resulting from an evaluation of activities supported.
11	Decrease in Picayune Strand Restoration	(216,667)			Decrease due to project component (Miller Pump Station) transfer to Operations and Maintenance.
Operating Capital Outlay				(12,012,613)	
12	Decrease in Kissimmee River Restoration - Integrated Ecosystem Studies	(12,613)			Reduction in capital equipment requirement in support of the Kissimmee River Restoration monitoring.
13	Decrease in Restoration Strategies Projects	(12,000,000)			Decrease due to shift in funding requirements across expense categories for Restoration Strategies projects. FY19 funding for C-139 FEB and STA1W Expansion #2.
Fixed Capital Outlay				(93,386,653)	
14	Decrease in Biscayne Bay Coastal Wetlands	(485,000)			Decrease due to the reallocation of funding from L-31E flowway temporary pump, which was discontinued, to Biscayne Bay Coastal Wetlands project enhancements.
15	Decrease in C-43 Basin Storage Reservoir	(4,572,295)			Decreased cash flow requirement in this expense category for project under construction.
16	Decrease in EAA Storage Reservoirs Phase 1	(88,329,358)			Net increase in this category of $68.7 million resulting from new and rebudgeted prior year state appropriations for the implementation of CEPP, including EAA Reservoir, EAA STA & Components, NW Miami and N New River Canal Conveyance.
Interagency Expenditures (Cooperative Funding)				(54,981)	
17	Decrease in Everglades Agricultural Area A1 Flow Equalization Basin	(34,882)			Decrease due to shift in funding requirements across expense categories for Restoration Strategies projects.
18	Decrease in Indian River Lagoon - South	(8,050)			Decrease due to shift in funding requirements across expense categories for the CERP C-44 Reservoir/STA Project.
19	Decrease in Lakeside Ranch Stormwater Treatment Area	(8,049)			Decrease due to shift in funding requirements across expense categories for project.
20	Decrease in Picayune Strand Restoration	(4,000)			Decrease due to project component (Miller Pump Station) transfer to Operations and Maintenance.
Debt				(57,376)	
21	Decrease in Expedited Projects Program Support	(57,376)			Decreased COPS Debt Service for EFA projects.
Reserves				-	
		TOTAL REDUCTIONS	-	(155,922,005)	

IV. PROGRAM ALLOCATIONS

South Florida Water Management District

REDUCTIONS - NEW ISSUES

2.0 Land Acquisition, Restoration and Public Works
Fiscal Year 2019-20
Tentative Budget - August 1, 2019

New Issues					
Issue	Description	Issue Amount	Workforce	Category Subtotal	
Salaries and Benefits			14	1,330,997	Increase primarily due to the realignment of activities for CERP Adaptive Assessment and RECOVER, and Monitoring for USACE from Program 1.0 to 2.0, as well increased staffing requirements for CEPP projects.
1	Increase in Total Salaries and Wages	1,026,922			
2	Increase in Total Fringe Benefits	304,075			
Other Personal Services				-	
Contracted Services				53,117,244	
3	Increase in Western Everglades Restoration	24,000			Increase due to reclassification of C-139 Well Monitoring to CERP Western Everglades.
4	Increase in Biscayne Bay Coastal Wetlands	1,045,854			Increase resulting from reallocation of spend down funding and rebudgeted prior year funding from L-31E flowway temporary pump project, which was discontinued, to Biscayne Bay Coastal Wetlands project enhancements.
5	Increase in Caloosahatchee River & Estuary Projects	16,000			Increase due to rebudgeted prior year funding for continued O&M of the C-43 Mesocosms.
6	Increase in Central Everglades Planning Project	102,893			Increase due to shift in prior year state appropriated funding from fixed capital outlay to this category for CEPP New Waters - EAA STA & Components.
7	Increase in CERP Adaptive Assessment & Monitoring	150,000			Increase due to realignment of activities from Program 1.0 to 2.0.
8	Increase in CERP RECOVER	6,000			Increase due to realignment of activities from Program 1.0 to 2.0.
9	Increase in EFA Reg Source Control Program	4,400			Increased funding requirement for EFA Source Controls.
10	Increase in Everglades Agricultural Area A1 Flow Equalization Basin	27,882			Increase for compliance assessment.
11	Increase in Indian River Lagoon - South	10,733			Increase due to shift in funding requirements across expense categories for the CERP C-44 Reservoir/STA Project.
12	Increase in Kissimmee River Restoration - Integrated Ecosystem Studies	55,250			Increase due to project requirements for aerial imagery.
13	Increase in Lake Okeechobee Watershed	50,443,002			Increase primarily due to state appropriation for the implementation of the Lake Okeechobee Watershed Restoration Project ($50M); the balance is spend down balance for Kissimmee ASR brought forward in FY2019-20.
14	Increase in Lakeside Ranch Stormwater Treatment Area	8,049			Increase due to shift in funding requirements across expense categories for project.
15	Increase in Restoration Strategies Projects	1,052,571			Increased funding requirements in this expense category for RS Science Plan and Source Controls.
16	Increase in USACE Monitoring	170,610			Increase due to realignment of activities from Program 1.0 to 2.0.
Operating Expenses				4,176,628	
17	Increase in C-43 Basin Storage Reservoir	53,550			Increase funding requirement in this category as project components are completed and require O&M prior to transfer from USACE.
18	Increase in Caloosahatchee River & Estuary Projects	3,500			Increase due to rebudgeted prior year funding for continued O&M of the C-43 Mesocosms.
19	Increase in Central Everglades Planning Project	3,295,000			Increase due to shift in prior year state appropriated funding from fixed capital outlay to this category for CEPP South - Old Tamiami Trail Removal Project.
20	Increase in CERP Adaptive Assessment & Monitoring	1,250			Increase due to realignment of activities from Program 1.0 to 2.0.
21	Increase in CERP Program Support (Not Creditable)	300			Increase resulting from increased Permitting staff training requirements in support of CERP.
22	Increase in CERP RECOVER	48,800			Increase due to realignment of activities from Program 1.0 to 2.0.
23	Increase in Indian River Lagoon - South	670,769			Increase due to shift in funding requirements across expense categories for the CERP C-44 Reservoir/STA Project.
24	Increase in Lake Okeechobee Regional Phosphorus Control Project	5,750			Increase due to additional laboratory parts and supplies needed to support Nubbin Slough STA.
25	Increase in USACE Monitoring	76,771			Increase due to realignment of activities from Program 1.0 to 2.0.
26	Increase in Water Supply Plan Implementation	793			Increased licenses and supplies in support of water supply plan implementation.
27	Increase in WCA3 Decomp & Sheetflow Evaluation	20,145			Increase due to shift in funding requirements across expense categories for CERP project.
Operating Capital Outlay				9,133,000	
28	Increase in Biscayne Bay Coastal Wetlands	1,300,000			Increase due to anticipated local contribution by Miami Dade County for Cutler Wetland Design.
29	Increase in Central Everglades Planning Project	7,810,000			Increase due to shift in prior year state appropriated funding from fixed capital outlay to this category for CEPP New Waters - EAA STA & Components.
30	Increase in Lakeside Ranch Stormwater Treatment Area	15,000			Increase due to shift in funding requirements across expense categories for project.
31	Increase in USACE Monitoring	8,000			Increase due to realignment of activities from 1.0 to this Program.

IV. PROGRAM ALLOCATIONS

South Florida Water Management District

REDUCTIONS - NEW ISSUES

2.0 Land Acquisition, Restoration and Public Works
Fiscal Year 2019-20
Tentative Budget - August 1, 2019

New Issues					
Issue	Description	Issue Amount	Workforce	Category Subtotal	
Fixed Capital Outlay				193,828,743	
32	Increase in Caloosahatchee River & Estuary Projects	1,500,000			Increase due to new state appropriated funding for Lake Hicpochee Hydrologic Enhancement Project Phase 2
33	Increase in Central Everglades Planning Project	157,025,089			Net increase in this category of $68.7 million resulting from new and rebudgeted prior year state appropriations for the implementation of CEPP, including EAA Reservoir, EAA STA & Components, NW Miami and N New River Canal Conveyance.
34	Increase in CERP Planning	8,588,234			Increase due to funding allocation for future CERP land acquisition and associated costs.
35	Increase in Indian River Lagoon - South	518,297			Increase due to shift in funding requirements across expense categories for the CERP C-44 Reservoir/STA Project.
36	Increase in Restoration Strategies Projects	26,197,123			Increased funding requirements in this category for implementation of RS projects, including STA1W Exp. #2, G-341 & Conveyance Improvements, C-139 FEB, STA 5 Earthwork, and STA1-E Modifications.
Interagency Expenditures (Cooperative Funding)				4,134,012	
37	Increase in Caloosahatchee River & Estuary Projects	2,867,020			Increase is due to new state appropriated funding in this category for Northern Everglades ($3 million), offset by a reduction in tributary flow monitoring ($132,980).
38	Increase in CERP Adaptive Assessment & Monitoring	650,902			Increase due to realignment of activities from Program 1.0 to 2.0.
39	Increase in CERP RECOVER	240,000			Increase due to realignment of activities from Program 1.0 to 2.0.
40	Increase in USACE Monitoring	376,090			Increase due to realignment of activities from Program 1.0 to 2.0.
Debt				35,878	
41	Increase in CERP Program Management & Support	35,878			Increased COPS Debt Service for CERP.
Reserves				-	
		TOTAL NEW ISSUES	14	265,756,502	
2.0 Land Acquisition, Restoration and Public Works Total Workforce and Tentative Budget for FY 2019-20			158	$ 526,857,925	

IV. PROGRAM ALLOCATIONS

Changes and Trends

The Florida Legislature continues its commitment to Everglades Restoration through continued appropriations for Restoration Strategies, CERP, and NEEPP. In 2016, House Bill 989 (Chapter 2016-201), the Legislature stated its commitment to long-term funding for Everglades restoration, primarily those that reduce harmful discharges to the St. Lucie River and Caloosahatchee River estuaries, providing up to $200 million annually for the implementation of CERP, Long Term Plan, and NEEPP. From this funding, $32 million would be appropriated annually for Restoration Strategies through Fiscal Year 2023-24, up to $100 million for CERP, including the Comprehensive Everglades Planning Project (CEPP), and the remainder for NEEPP. In 2017, through Senate Bill 10 (Chapter 2017-10), the Legislature reinstated the commitment made in the 2016 House Bill 989 and provided an additional $33 million for the District to work with the USACE for a Post-Authorization Change Report and to acquire land or negotiate leases to implement the Everglades Agricultural Area storage reservoir project, and in 2018, legislative appropriations for restoration totaled $243.1 million. In 2019, Governor DeSantis and the Florida Legislature emphasized the State's commitment to restoration and appropriated an unprecedented $373.2 million for restoration, including $2.5 million for Nubbin Slough STA (reported in Program 3.0). Increases in State Funding for Everglades Restoration are reflected in the various expense categories in Fiscal Year 2018-19 and Fiscal Year 2019-20.

Expenditure increases and decreases between Fiscal Year 2015-16 and Fiscal Year 2017-18 in Contracted Services, Operating Expenses, Operating Capital Outlay and Fixed Capital Outlay primarily reflect the shift in the project phases as they move from Planning, Design and Construction, as well as the realignment of EFA Source Control activities from Program 4.0. Increases in State Funding for the Caloosahatchee (C-43) West Basin Storage Reservoir, Lakeside Ranch, Dispersed Water Management, and the Everglades Agricultural Area Storage Reservoir Conveyance Improvements and Stormwater Treatment Area have increased the overall Program.

Increases in Interagency Expenditures between Fiscal Year 2015-16 and Fiscal Year 2017-18 reflect the completion of projects in the District's Cooperative Funding Program.

Decreases between Fiscal Year 2015-16 and Fiscal Year 2017-18 in Debt resulted from refinancing Certificates of Participation.

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 223-232.

Budget Variances

The Fiscal Year 2019-20 Tentative Budget has a 26.3 percent ($109.8 million) increase from the Fiscal Year 2018-19 Adopted Budget of $417.0 million. The increase is primarily within the Surface Water Projects (Activity 2.3).

Contracted Services increased 3.7 percent ($3.0 million) primarily due to new state appropriated funding for the CERP Lake Okeechobee Watershed Restoration Project ($50.0 million), and increased cash flow requirements in this expense category for CERP Biscayne Bay Coastal Wetlands ($1.1 million) and Restoration Strategies Science Plan ($1.1 million), as well as realignment of CERP Adaptive Assessment, RECOVER, and USACE monitoring from Program 1.0 to this Program ($326,610), offset by decreased cash flow requirements within this expense category for NEEPP-Dispersed Water Management Projects ($40.3 million) and reallocation of one-time funding for Emergency Estuary Protection Wells ($9.6 million).

Operating Expenses increased 84.0 percent ($3.9 million) due to the allocation of prior year state funding for the implementation of CEPP South – Old Tamiami Trail Relocation Project ($3.3 million), and increased cash flow requirement in this category for the transition of C-44 Reservoir/STA Project ($670,769).

Operating Capital Outlay decreased 23.7 percent ($2.9 million) primarily due to reduced cash flow requirements in this category for Restoration Strategies for STA-1W #2 construction ($6.5 million) and C-139 FEB design ($5.5 million); offset by increased cash flow in this category for CEPP New Waters – Everglades Agricultural Area Storage Reservoir Conveyance Improvements and Stormwater Treatment Area ($7.8 million) and Biscayne Bay Coastal Wetlands ($1.3 million).

Fixed Capital Outlay increased 36.7 percent ($100.4 million) due to increased new and prior year state appropriated funding in this expense category for CEPP, including the Everglades Agricultural Area Storage Reservoir Conveyance Improvements and Stormwater Treatment Area ($68.7 million); Restoration Strategies, including STA1W Expansion #2, G-341 & Conveyance Improvements, C-139 FEB, and STA1-E Modifications ($26.2 million); and Lake Hicpochee Hydrologic Enhancement Project Phase II ($1.5 million), as well as one-time funding for CERP land acquisition ($8.6 million). Increases are offset by a reduction of state appropriated funding for the Caloosahatchee (C-43) Basin Storage Reservoir ($4.6 million).

Interagency expenditures increased 440.4 percent ($4.1 million) due to new state appropriations for a Northern Everglades – Caloosahatchee River Restoration Project ($3.0 million), as well as a realignment of activities previously reported in program 1.0 to this Program, including CERP Adaptive Assessment & Monitoring ($650,902), CERP RECOVER ($240,000), and USACE Monitoring ($376,090).

Salaries and Benefits increased 8.3 percent ($1.3 million) primarily due to the realignment of activities previously reported in Program 1.0 to this Program, including CERP Adaptive Assessment & Monitoring, CERP RECOVER, and USACE Monitoring, as well as increases in staffing requirements for CEPP.

IV. PROGRAM ALLOCATIONS

Major Budget Items for this program include the following:

- Salaries and Benefits ($17.3 million) (158 FTEs).
- Projects in Appendix C of this program are listed in sub-activity 2.3 Surface Water Projects ($435.2 million).
- Contracted Services:
  - Projects in Appendix C ($55.6 million)
  - Dispersed Water Management (DWM), including payments to service providers, monitoring, and DWM on public lands ($15.9 million).
  - CERP Planning ($5 million).
  - Restoration Strategies Science Plan Activities ($2.5 million).
  - Biscayne Bay Coastal Wetlands Project Enhancements ($1.1 million).
  - WCA-3 Decompartmentalization and Sheetflow Enhancement Part 1 Project for sampling and laboratory analysis in support of Decompartmentalization Physical Model testing ($467,505).
  - CERP monitoring post-construction (USACE Monitoring) for Biscayne Bay Coastal Wetlands Deering, C-111 Spreader Canal, and Picayune Strand Faka Union and Miller Pump Stations ($170,610).
  - Kissimmee River Restoration Evaluation Program ($157,750).
  - C-111 South Dade Federal Project S-356 Field Test ($151,000).
  - CERP Monitoring and Assessment Plan, including C-111 Spreader Canal Downstream Impacts ($150,000).
  - Kissimmee River Restoration Hydrologic Monitoring ($140,000).
  - C-44 Reservoir and STA Transitional Operations and Maintenance ($139,733).
  - Computer consulting services for enterprise resource support and IT security ($114,003).
- Operating Expenses:
  - CERP Indirect Support ($3.3 million).
  - C-44 Reservoir and STA Transitional Operations and Maintenance ($898,237).
  - Software and hardware maintenance, communications service, and IT support ($611,566).
- Operating Capital Outlay:

  - Projects in Appendix C ($9.1 million)

- Fixed Capital Outlay:
  - Projects in Appendix C ($365.2 million)
    - CERP future land acquisition ($8.6 million).

- Interagency Expenditures:
    - NEEPP Restoration – Caloosahatchee River Watershed Project ($3.0 million).
    - CERP Monitoring and Assessment Plan ($650,902) and monitoring post-construction (USACE Monitoring) for Biscayne Bay Coastal Wetlands Deering, C-111 Spreader Canal, and Picayune Strand Faka Union and Miller Pump Stations ($376,090).
    - CERP RECOVER - Loxahatchee Impoundment Landscape Assessment (LILA) ($240,000).
    - Decomp Physical Model Construction ($275,000).
    - Kissimmee River Riverwoods Field Lab ($261,760).
    - Lake Okeechobee Source Control monitoring ($111,500).

- Debt: ($30.4 million).

IV. PROGRAM ALLOCATIONS

2.1 Land Acquisition - The acquisition of land and facilities for the protection and management of water resources. This activity category does not include land acquisition components of "water resource development projects," "surface water projects," or "other cooperative projects."

District Description

Land acquisition is within the program where the project resides.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
2.1 - Land Acquisition

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ -	$ -	$ -	$ -	$ -	$ -	-
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Expenses	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ -	$ -	$ -	$ -	$ -	$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ -	$ -	$ -	$ -	$ -	$ -	$ -

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		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		$ -	$ -	$ -
TOTAL		$ -	$ -	$ -

No funding has been budgeted to the activity for the last five years.

IV. PROGRAM ALLOCATIONS

2.2 Water Source Development - Water resource development projects and regional or local water supply development assistance projects designed to increase the availability of water supplies for consumptive use.

District Description

Water resource development projects, including the development of models supporting regional water supply plan updates, and regional or local water supply development assistance projects designed to increase the availability of water supplies for consumptive use.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
2.2 - Water Source Development

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 311,006	$ 225,738	$ 261,497	$ 273,577	$ 233,357	$ (40,220)	-14.7%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 26,866	$ 12,500	$ 12,500	$ -	$ -	$ -	-
Operating Expenses	$ 4,377	$ 2,813	$ 588	$ 5,634	$ 6,427	$ 793	14.1%
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ 145,701	$ 616,875	$ 3,100,855	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 487,950	$ 857,926	$ 3,375,440	$ 279,211	$ 239,784	$ (39,427)	-14.1%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 239,784	$ -	$ -	$ -	$ -	$ -	$ 239,784

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 233,357	$ -	$ 233,357
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ -	$ -	$ -
Operating Expenses		$ 6,427	$ -	$ 6,427
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 239,784	$ -	$ 239,784

Changes and Trends

The District has historically provided funding to local governments, special districts, utilities, homeowners associations, water users, agriculture and other public and private organizations for stormwater, alternative water supply and water conservation projects that are consistent with the agency's core mission. In Fiscal Year 2016-17, 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 September 2016, the District Governing Board approved $9.1 million to fund 71 CFP projects for cost-share funding to local partners for project construction over a two-year period (Fiscal Year 2016-17 and Fiscal Year 2017-18) for stormwater (31), alternative water supply (14) and water conservation (26) cooperative funding efforts. Some of the projects that were funded under the CFP in Fiscal Year 2016-17 were still underway in Fiscal Year 2018-19, resulting in the Governing Board not providing additional funding in Fiscal Year 2018-19. The construction of 62 projects have been completed (13 AWS projects, 27 stormwater projects, and 22 water conservation projects) and 9 projects were cancelled by the project partners (1 AWS project, 4 stormwater projects, and 4 water conservation projects). Currently, there is no additional

funding for this Program for Fiscal Year 2019-20, pending future Governing Board discussions on funding allocations for the alternative water supply funding initiatives.

Increases in Interagency Expenditures between Fiscal Year 2015-16 and Fiscal Year 2017-18 reflect the completion of projects in the District's Cooperative Funding Program.

Budget Variances

The Fiscal Year 2019-20 Tentative Budget represents a decrease of 14.1 percent ($39,427) from the Fiscal Year 2018-19 Adopted Budget primarily in Salaries and Benefits due to a reduction in staffing for Water Supply Plan Implementation and Cooperative Funding Program.

Major Budget Items for this activity include the following:

- Salaries and Benefits ($233,357).

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

2.2.1 Water Resource Development Projects - Regional projects designed to create, from traditional or alternative sources, an identifiable, quantifiable supply of water for existing and/or future reasonable-beneficial uses. These projects do not include the construction of facilities for water supply development, as defined in Subsection 373.019(21), Florida Statutes. Such projects may include the construction, operation, and maintenance of major public works facilities that provide for the augmentation of available surface and ground water supply or that create alternative sources of supply. Water resource development projects are to be identified in water management district regional water supply plans or district water management plans, as applicable.

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 Central Florida Water Initiative (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 existing and future 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 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
2.2.1 Water Resource Development Projects

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 274,510	$ 189,720	$ 229,176	$ 222,518	$ 211,997	$ (10,521)	-4.7%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ -	$ 12,500	$ 12,500	$ -	$ -	$ -	-
Operating Expenses	$ 4,377	$ 2,813	$ 588	$ 5,634	$ 6,427	$ 793	14.1%
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 278,887	$ 205,033	$ 242,264	$ 228,152	$ 218,424	$ (9,728)	-4.3%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 218,424	$ -	$ -	$ -	$ -	$ -	$ 218,424

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 211,997	$ -	$ 211,997
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ -	$ -	$ -
Operating Expenses		$ 6,427	$ -	$ 6,427
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 218,424	$ -	$ 218,424

Changes and Trends

In Fiscal Year 2018-19, the District completed transient calibration of the Surficial and Intermediate Aquifer System groundwater model for the Lower West Coast planning area; completed calibration and conducted simulations of the East Central Florida Transient Expanded (ECFTX) model to support the CFWI planning process; and, continued monitoring of groundwater levels, including the United States Geological Survey groundwater monitoring network, to support water management activities and calibration of groundwater models. In addition, the District completed the 2018 update to the Lower East Coast Water Supply Plan.

IV. PROGRAM ALLOCATIONS

In Fiscal Year 2019-20, the District will complete the 2019 update of the Lower Kissimmee Basin Water Supply Plan, continue to support development of the 2020 update to the CFWI Regional Water Supply Plan; begin the 2021 update of the Upper East Coast Water Supply Plan; complete simulations using the Surficial and Intermediate Aquifer System groundwater model for the Lower West Coast planning area; complete simulations of the West Coast Floridan Model for the Lower West Coast planning area; compile data sets for simulations of the transient, density-dependent East Coast Floridan Model to support five-year updates to the Upper and Lower East Coast water supply plans; and, continue monitoring of groundwater levels, including the United States Geological Survey groundwater monitoring network, to support water management activities and calibration of groundwater models.

Budget Variances

The Fiscal Year 2019-20 Tentative Budget represents a decrease of 4.3 percent ($9,728) from the Fiscal Year 2018-19 Adopted Budget primarily in Salaries and Benefits due to a reduction in staffing support for Water Supply Plan Implementation.

Major Budget Items for this sub-activity include the following:

- Salaries and Benefits ($211,997).

There are no items funded with Reserves.

2.2.2 Water Supply Development Assistance - Financial assistance for regional or local water supply development projects. Such projects may include the construction of facilities included in the term "water supply development" as defined in Subsection 373.019(21), Florida Statutes.

District Description

Coordination of financial assistance requests for regional or local water supply development projects. Such projects may include the construction of facilities included in the term "water supply development" as defined in Section 373.019(21), Florida Statutes.

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 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
2.2.2 Water Supply Development Assistance

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 36,496	$ 36,018	$ 32,321	$ 51,059	$ 21,360	$ (29,699)	-58.2%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 26,866	$ -	$ -	$ -	$ -	$ -	-
Operating Expenses	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ 145,701	$ 616,875	$ 3,100,855	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 209,063	$ 652,893	$ 3,133,176	$ 51,059	$ 21,360	$ (29,699)	-58.2%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 21,360	$ -	$ -	$ -	$ -	$ -	$ 21,360

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating	Non-operating	TOTAL
Salaries and Benefits		$ 21,360	$ -	$ 21,360
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ -	$ -	$ -
Operating Expenses		$ -	$ -	$ -
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 21,360	$ -	$ 21,360

Changes and Trends

Over the last few years where funding has been allocated for Interagency Expenditures (Cooperative Funding), 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. In Fiscal Year 2016-17, 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 September 2016, the District Governing Board approved $9.1 million to fund 71 CFP projects for cost-share funding to local partners for project construction over a two-year period (Fiscal Year 2016-17 and Fiscal Year 2017-18) for stormwater (31), alternative water supply (14) and water conservation (26) cooperative funding efforts. Some of the projects that were funded under the CFP in Fiscal Year 2016-17 were still underway in Fiscal Year 2018-19, resulting in the Governing Board not providing additional funding in Fiscal Year 2018-19. The construction of 62 projects have been completed (13 AWS projects, 27 stormwater projects, and 22 water conservation projects) and 9 projects were cancelled by the project partners (1 AWS project, 4 stormwater projects, and 4 water conservation projects). Currently, there is no additional funding for this Program for Fiscal Year 2019-20, pending future Governing Board discussions on funding allocations for the alternative water supply funding initiatives.

Budget Variances

The Fiscal Year 2019-20 Tentative Budget represents a decrease of 58.2 percent ($29,699) in Salaries and Benefits from the Fiscal Year 2018-19 Adopted Budget due to a reduction in staffing support for the Cooperative Funding Program.

Major Budget Items for this sub-activity include the following:

- Salaries and Benefits ($21,360).

There are no items funded with Reserves.

2.2.3 Other Water Source Development Activities - Water resource development activities and water supply development activities not otherwise categorized above.

District Description

All Water Source Development activities are captured within other sub-activities not necessitating utilization of this "Other" sub-activity component.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SUBACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
2.2.3 Other Water Source Development Activities

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ -	$ -	$ -	$ -	$ -	$ -	-
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Expenses	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ -	$ -	$ -	$ -	$ -	$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ -	$ -	$ -	$ -	$ -	$ -	$ -

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		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		$ -	$ -	$ -
TOTAL		$ -	$ -	$ -

No funding has been budgeted to the activity for the last five years.

2.3 Surface Water Projects - Projects that restore or protect surface water quality, flood protection, or surface water-related resources through the acquisition and improvement of land, construction of public works, and other activities.

District Description

Those projects that restore or protect surface water quality, flood protection, or surface water-related resources through the acquisition and improvement of land, construction of public works, and other activities. Surface Water Projects include the Kissimmee River Restoration Project, design and implementation of the NEEPP, Everglades Forever Act (EFA) projects, Critical Restoration Projects, and the CERP, including the Central Everglades Planning Project.

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 Dispersed Water Management 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, 126,470 acre-feet of storage is currently available to help offset any necessary regulatory releases from Lake Okeechobee; a potential 222,310 acre-feet of storage is in various stages of planning, design, or construction.

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.

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.

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 223 - 232.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
2.3 - Surface Water Projects

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 11,971,682	$ 11,103,951	$ 11,945,589	$ 14,600,538	$ 15,948,459	$ 1,347,921	9.2%
Other Personal Services	$ 27,573	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 9,315,922	$ 17,894,433	$ 16,666,608	$ 79,229,741	$ 82,200,635	$ 2,970,894	3.7%
Operating Expenses	$ 5,049,525	$ 4,035,815	$ 4,594,562	$ 4,039,205	$ 7,951,008	$ 3,911,803	96.8%
Operating Capital Outlay	$ 16,762,932	$ 11,020,703	$ 13,543,670	$ 12,132,800	$ 9,253,187	$ (2,879,613)	-23.7%
Fixed Capital Outlay	$ 88,194,954	$ 151,261,824	$ 134,454,550	$ 273,556,981	$ 373,999,071	$ 100,442,090	36.7%
Interagency Expenditures (Cooperative Funding)	$ 1,264,346	$ 2,321,492	$ 1,829,412	$ 851,221	$ 4,930,252	$ 4,079,031	479.2%
Debt	$ 34,848,725	$ 32,029,525	$ 30,410,250	$ 30,393,625	$ 30,372,127	$ (21,498)	-0.1%
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 167,435,659	$ 229,667,743	$ 213,444,641	$ 414,804,111	$ 524,654,739	$ 109,850,628	26.5%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 53,420,220	$ 75,904,521	$ -	$ 1,300,000	$ 392,693,542	$ 1,336,456	$ 524,654,739

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 15,948,459	$ -	$ 15,948,459
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ 73,872,565	$ 8,328,070	$ 82,200,635
Operating Expenses		$ 734,656	$ 7,216,352	$ 7,951,008
Operating Capital Outlay		$ 83,000	$ 9,170,187	$ 9,253,187
Fixed Capital Outlay		$ 297,824,918	$ 76,174,153	$ 373,999,071
Interagency Expenditures (Cooperative Funding)		$ 1,805,252	$ 3,125,000	$ 4,930,252
Debt		$ 30,372,127	$ -	$ 30,372,127
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 420,640,977	$ 104,013,762	$ 524,654,739

Changes and Trends

The Florida Legislature continues its commitment to Everglades Restoration through continued appropriations for Restoration Strategies, CERP, and NEEPP. In 2016, House Bill 989 (Chapter 2016-201), the Legislature stated its commitment to long-term funding for Everglades restoration, primarily those that reduce harmful discharges to the St. Lucie River and Caloosahatchee River estuaries, providing up to $200 million annually for the implementation of CERP, Long Term Plan, and NEEPP. From this funding, $32 million would be appropriated annually for Restoration Strategies through Fiscal Year 2023-24, up to $100 million for CERP, including the Comprehensive Everglades Planning Project (CEPP), and the remainder for NEEPP. In 2017, through Senate Bill 10 (Chapter 2017-10), the Legislature reinstated the commitment made in the 2016 House Bill 989 and provided an additional $33 million for the District to work with the USACE for a Post-Authorization Change Report and to acquire land or negotiate leases to implement the Everglades Agricultural Area storage reservoir project, and in 2018, legislative appropriations for restoration totaled $243.1 million. In 2019, Governor DeSantis and the Florida Legislature emphasized the State's commitment to restoration and appropriated an unprecedented $373.2 million for restoration, including $2.5 million for Nubbin Slough STA (reported in Program 3.0). Increases in State Funding for restoration are reflected in the various expense categories in Fiscal Year 2018-19 and Fiscal Year 2019-20.

Expenditure increases and decreases between Fiscal Year 2015-16 and Fiscal Year 2017-18 in Contracted Services, Operating Expenses, Operating Capital Outlay and Fixed Capital Outlay primarily reflect the shift in the project phases as they move from Planning, Design and Construction, as well as the realignment of EFA Source Control activities from Program 4.0. Increases in State Funding for the Caloosahatchee (C-43) West Basin Storage Reservoir, Lakeside Ranch, Dispersed Water Management, and the Everglades Agricultural Area Storage Reservoir Conveyance Improvements and Stormwater Treatment Area, and NEEPP have increased the overall 2.3 sub-activity.

Decreases between Fiscal Year 2015-16 and Fiscal Year 2017-18 in Debt resulted from refinancing Certificates of Participation.

Budget Variances

The Fiscal Year 2019-20 Tentative Budget represents a net increase of 26.5 percent ($109.9 million) from the Fiscal Year 2018-19 Adopted Budget primarily due to:

Contracted Services increased 3.7 percent ($3.0 million) primarily due to new state appropriated funding for the CERP Lake Okeechobee Watershed Restoration Project ($50.0 million), and increased cash flow requirements in this expense category for CERP Biscayne Bay Coastal Wetlands ($1.1 million) and Restoration Strategies Science Plan ($1.1 million), as well as realignment of CERP Adaptive Assessment, RECOVER, and USACE monitoring from Program 1.0 to this Program ($326,610), offset by decreased cash flow requirements within this expense category for NEEPP-Dispersed Water Management Projects ($40.3 million) and reallocation of one-time funding for Emergency Estuary Protection Wells ($9.6 million).

Operating Expenses increased 96.8 percent ($3.9 million) due to the allocation of prior year state funding for the implementation of CEPP South – Old Tamiami Trail Relocation Project ($3.3 million), and increased cash flow requirement in this category for the transition of C-44 Reservoir/STA Project ($670,769).

Operating Capital Outlay decreased 23.7 percent ($2.9 million) primarily due to reduced cash flow requirements in this category for Restoration Strategies for STA-1W #2 construction ($6.5 million) and C-139 FEB design ($5.5 million); offset by increased cash flow in this category for the Everglades Agricultural Area Storage Reservoir Conveyance Improvements and Stormwater Treatment Area ($7.8 million) and Biscayne Bay Coastal Wetlands ($1.3 million).

Fixed Capital Outlay increased 36.7 percent ($100.4 million) due to increased new and prior year state appropriated funding in this expense category for CEPP, including the Everglades Agricultural Area Storage Reservoir Conveyance Improvements and Stormwater Treatment Area ($68.7 million); Restoration Strategies, including STA1W Expansion #2, G-341 & Conveyance Improvements, C-139 FEB, and STA1-E Modifications ($26.2 million); and Lake Hicpochee Hydrologic Enhancement Project Phase II ($1.5 million), as well as one-time funding for CERP land acquisition ($8.6 million). Increases are offset by a reduction of state appropriated funding for the Caloosahatchee (C-43) West Basin Storage Reservoir ($4.6 million).

Interagency expenditures increased 479.2 percent ($4.1 million) due to new state appropriations for a Northern Everglades – Caloosahatchee River Restoration Project ($3.0 million), as well as realignment of activities previously reported in program 1.0 to this Program, including CERP Adaptive Assessment & Monitoring ($650,902), CERP RECOVER ($240,000), and USACE Monitoring ($376,090).

IV. PROGRAM ALLOCATIONS

Salaries and Benefits increased 9.2 percent ($1.3 million) primarily due to the realignment of activities previously reported in Program 1.0 to this Program, including CERP Adaptive Assessment & Monitoring, CERP RECOVER, and USACE Monitoring, as well as increases in staffing requirements for CEPP.

Major Budget Items for this activity include the following:

- Salaries and Benefits ($15.9 million).

Appendix C includes projects that are funded with Salaries and Benefits (included in Salaries and Benefits number above), Contracted Services, Operating Expenses, Operating Capital Outlay, and Fixed Capital Outlay.

Project Name	Salaries and Benefits	Other Personal Services	Contracted Services	Operating Expenses	Operating Capital Outlay	Fixed Capital Outlay	Interagency Expenditures	Debt	Reserves	Grand Total
C-139 FEB (Restoration Strategies)	$ 107,963	$ -	$ -	$ -	$ -	$ 7,500,000	$ -	$ -	$ -	$ 7,607,963
Caloosahatchee River (C-43) West Basin Storage Reservoir	$ 635,059	$ -	$ -	$ -	$ -	$ 140,500,000	$ -	$ -	$ -	$ 141,135,059
CEPP New Water Future Projects	$ 99,465	$ -	$ 102,893	$ -	$ 7,810,000	$ 127,801,802	$ -	$ -	$ -	$ 135,814,160
CEPP South: Old Tamiami Trail Removal	$ 46,163	$ -	$ -	$ 3,295,000	$ -	$ -	$ -	$ -	$ -	$ 3,341,163
CEPP South: S-333N Increase	$ 12,569	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 12,569
CERP - C-44/C-23 Interconnect	$ -	$ -	$ -	$ -	$ -	$ 4,000,000	$ -	$ -	$ -	$ 4,000,000
CERP Biscayne Bay Coastal Wetlands Ph1	$ -	$ -	$ -	$ -	$ 1,300,000	$ -	$ -	$ -	$ -	$ 1,300,000
CERP Biscayne Bay Coastal Wetlands Ph2	$ -	$ -	$ 1,500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,500,000
CERP-Lake Okeechobee Watershed Restoration Project	$ 209,855	$ -	$ 50,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 50,209,855
DWM-Alico Water Farm NE PPP	$ -	$ -	$ 4,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 4,000,000
Everglades Agricultural Area (EAA) Storage Reservoir Conveyance Improvements and Stormwater Treatment Area (STA) CEPP New Water: A-2 STA	$ 225,133	$ -	$ -	$ -	$ -	$ 22,847,107	$ -	$ -	$ -	$ 23,072,240
Everglades Agricultural Area (EAA) Storage Reservoir Conveyance Improvements and Stormwater Treatment Area (STA) CEPP New Water: Miami & North New River Canals	$ 43,495	$ -	$ -	$ -	$ -	$ 6,376,180	$ -	$ -	$ -	$ 6,419,675
G-341 Related Conveyance Improvements (Bolles Canal) (Restoration Strategies)	$ 74,376	$ -	$ -	$ -	$ -	$ 8,000,000	$ -	$ -	$ -	$ 8,074,376
Lake Hicpochee Hydrologic Enhancement Project Phase 2	$ -	$ -	$ -	$ -	$ -	$ 1,500,000	$ -	$ -	$ -	$ 1,500,000
Lakeside Ranch STA Phase II	$ 168,264	$ -	$ -	$ -	$ -	$ 16,000,000	$ -	$ -	$ -	$ 16,168,264
Restoration Strategies Future Projects	$ -	$ -	$ -	$ -	$ -	$ 14,197,123	$ -	$ -	$ -	$ 14,197,123
STA 5/6 Internal Improvements (Restoration Strategies)	$ 91,911	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 91,911
STA-1E Western Flow-Way Modifications (Restoration Strategies)	$ 69,836	$ -	$ -	$ -	$ -	$ 8,500,000	$ -	$ -	$ -	$ 8,569,836
STA-1W Expansion #2 (Restoration Strategies)	$ 160,232	$ -	$ -	$ -	$ -	$ 8,000,000	$ -	$ -	$ -	$ 8,160,232
Grand Total	**$ 1,944,321**	**$ -**	**$ 55,602,893**	**$ 3,295,000**	**$ 9,110,000**	**$ 365,222,212**	**$ -**	**$ -**	**$ -**	**$ 435,174,426**

- Contracted Services:
  - Projects in Appendix C ($55.6 million).
  - Dispersed Water Management (DWM), including payments to service providers, monitoring, and DWM on public lands ($15.9 million).
  - CERP Planning ($5 million).
  - Restoration Strategies Science Plan Activities ($2.5 million).
  - Biscayne Bay Coastal Wetlands Project Enhancements ($1.1 million).
  - WCA-3 Decompartmentalization and Sheetflow Enhancement Part 1 Project for sampling and laboratory analysis in support of Decompartmentalization Physical Model testing ($467,505).

- CERP monitoring post-construction (USACE Monitoring) for Biscayne Bay Coastal Wetlands Deering, C-111 Spreader Canal, and Picayune Strand Faka Union and Miller Pump Stations ($170,610).
- Kissimmee River Restoration Evaluation Program ($157,750).
- C-111 South Dade Federal Project S-356 Field Test ($151,000).
- CERP Monitoring and Assessment Plan, including C-111 Spreader Canal Downstream Impacts ($150,000).
- Kissimmee River Restoration Hydrologic Monitoring ($140,000).
- C-44 Reservoir and STA Transitional Operations and Maintenance ($139,733).

- Operating Expenses:
  - CERP Indirect Support ($3.3 million).
  - Projects in Appendix C ($3.3 million).
  - C-44 Reservoir and STA Transitional Operations and Maintenance ($898,237).
- Fixed Capital Outlay:
  - Projects in Appendix C ($365.2 million).
  - CERP future land acquisition TBD ($8.6 million).
- Interagency Expenditures:
  - NEEPP Restoration – Caloosahatchee River Watershed Project ($3.0 million).
  - CERP Monitoring and Assessment Plan ($650,902) and monitoring post-construction (USACE Monitoring) for Biscayne Bay Coastal Wetlands Deering, C-111 Spreader Canal, and Picayune Strand Faka Union and Miller Pump Stations ($376,090).
  - CERP RECOVER - Loxahatchee Impoundment Landscape Assessment (LILA) ($240,000).
  - Decomp Physical Model Construction ($275,000).
  - Kissimmee River Riverwoods Field Lab ($261,760).
  - Lake Okeechobee Source Control monitoring ($111,500).
- Debt: ($30.4 million).

Items funded with Reserves without restrictions include: Restoration Strategies Science Plan and Source Control activities ($1.1 million), Kissimmee River Restoration Evaluation Program ($210,137), CERP Land Acquisition ($2.9 million), C-44 Reservoir and STA Transitional O&M ($574,084), Biscayne Bay Coastal Wetlands Project Enhancements ($1.1 million), WCA3

Decompartmentalization Physical Model ($415,000), Boma Mesocosm O&M ($19,500), Monitoring for USACE ($46,040), and Lakeside Ranch water quality monitoring equipment ($15,000).

Items funded with Reserves with restrictions include: Everglades Agricultural Area Storage Reservoir Conveyance Improvements and Stormwater Treatment Area ($57.1 million), CEPP South - Old Tamiami Trail Removal ($3.3 million), CERP Land Acquisition ($5.7 million), and C-44/C-23 Interconnect ($3 million).

2.4 Other Cooperative Projects - Any non-water source development cooperative effort under this program area between a water management district and another organization. This does not include projects resulting in capital facilities that are owned or operated by the water management district.

District Description

Any non-water source development cooperative effort under this program area between a water management district and another organization. This does not include projects resulting in capital facilities that are owned or operated by the water management district.

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 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
2.4 - Other Cooperative Projects

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 272,110	$ 253,260	$ 194,002	$ 202,514	$ 191,220	$ (11,294)	-5.6%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Expenses	$ 8,597	$ 504	$ 856	$ -	$ -	$ -	-
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ 308,653	$ 136,250	$ 391,476	$ 75,000	$ 75,000	$ -	0.0%
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 589,360	$ 390,014	$ 586,334	$ 277,514	$ 266,220	$ (11,294)	-4.1%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 266,220	$ -	$ -	$ -	$ -	$ -	$ 266,220

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 191,220	$ -	$ 191,220
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ -	$ -	$ -
Operating Expenses		$ -	$ -	$ -
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ 75,000	$ -	$ 75,000
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 266,220	$ -	$ 266,220

Changes and Trends

The District has historically provided funding to local governments, special districts, utilities, homeowners associations, water users, agriculture and other public and private organizations for stormwater, alternative water supply and water conservation projects that are consistent with the agency's core mission. In Fiscal Year 2016-17, 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 September 2016,

the District Governing Board approved $9.1 million to fund 71 CFP projects for cost-share funding to local partners for project construction over a two-year period (Fiscal Year 2016-17 and Fiscal Year 2017-18) for stormwater (31), alternative water supply (14) and water conservation (26) cooperative funding efforts. Some of the projects that were funded under the CFP in Fiscal Year 2016-17 were still underway in Fiscal Year 2018-19, resulting in the Governing Board not providing additional funding in Fiscal Year 2018-19. The construction of 62 projects have been completed (13 AWS projects, 27 stormwater projects, and 22 water conservation projects) and 9 projects were canceled by the project partners (1 AWS project, 4 stormwater projects, and 4 water conservation projects). Currently, there is no additional funding for this Program for Fiscal Year 2019-20, pending future Governing Board discussions on funding allocations for water conservation projects. In addition, the Interagency Expenditures decreased in Fiscal Year 2018-19, the only remaining funding is for the Florida Automated Weather Network (FAWN).

Budget Variances

The Fiscal Year 2019-20 Tentative Budget represents a decrease of 4.1 percent ($11,294) from the Fiscal Year 2018-19 Adopted Budget which is in Salaries and Benefits due to a reduction in staffing support for the Cooperative Funding Program and BCB Mobile Irrigation Lab.

Major Budget Items for this activity include the following:

- Salaries and Benefits ($191,220).
- Interagency Expenditures (Cooperative Funding):
  - Florida Automated Weather Network (FAWN) ($75,000).

There are no items funded with Reserves.

2.5 Facilities Construction and Major Renovations – The proposed work for the facilities improvement program includes project management, permitting, and conceptual, preliminary, and detailed engineering for the development and preparation of contract plans and specification for the construction of planned replacement, improvement, or repair to the District's administrative and field station facilities.

District Description

The facilities improvement program includes project management, permitting, and conceptual, preliminary, and detailed engineering for the development and preparation of contract plans and specification for the construction of planned replacement, improvement, or repair to the District's administrative and field station facilities. Funding for this activity is budgeted in Program 3, Activities 3.3 and 3.5.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
2.5 - Facilities Construction and Major Renovations

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ -	$ -	$ -	$ -	$ -	$ -	-
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Expenses	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ -	$ -	$ -	$ -	$ -	$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ -	$ -	$ -	$ -	$ -	$ -	$ -

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		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		$ -	$ -	$ -
TOTAL		$ -	$ -	$ -

No funding has been budgeted to the activity for the last five years.

2.6 Other Acquisition and Restoration Activities - Acquisition and restoration activities not otherwise categorized above, such as capital improvement projects associated with administrative and operational facilities.

District Description

Acquisition and restoration activities not otherwise categorized above, such as capital improvement projects associated with administrative and operational facilities. These projects are captured in Program 3, Activity 3.2.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

TENTATIVE BUDGET - Fiscal Year 2019-20

2.6 - Other Acquisition and Restoration Activities

Fiscal Year 2019-20

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ -	$ -	$ -	$ -	$ -	$ -	-
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Expenses	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ -	$ -	$ -	$ -	$ -	$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ -	$ -	$ -	$ -	$ -	$ -	$ -

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

		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		$ -	$ -	$ -
TOTAL		$ -	$ -	$ -

No funding has been budgeted to the activity for the last five years.

2.7 Technology and Information Services - 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 associated with this Program and related activities.

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 associated with this 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 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
2.7 - Technology and Information Services
Fiscal Year 2019-20

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 791,804	$ 1,008,003	$ 909,282	$ 937,023	$ 971,613	$ 34,590	3.7%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 161,868	$ 121,681	$ 125,287	$ 114,003	$ 114,003	$ -	0.0%
Operating Expenses	$ 635,996	$ 533,288	$ 633,098	$ 611,566	$ 611,566	$ -	0.0%
Operating Capital Outlay	$ 7,047	$ 11,858	$ 14,040	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 1,596,715	$ 1,674,830	$ 1,681,707	$ 1,662,592	$ 1,697,182	$ 34,590	2.1%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 1,697,182	$ -	$ -	$ -	$ -	$ -	$ 1,697,182

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 971,613	$ -	$ 971,613
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ 114,003	$ -	$ 114,003
Operating Expenses		$ 611,566	$ -	$ 611,566
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 1,697,182	$ -	$ 1,697,182

Changes and Trends

This sub-activity represents a continued level of service consistent with the past five years.

Budget Variances

The Fiscal Year 2019-20 Tentative Budget represents an increase of 2.1 percent ($34,590) from the Fiscal Year 2018-19 Adopted Budget which is in Salaries and Benefits due to increases in FICA, and FRS retirement contributions.

IV. PROGRAM ALLOCATIONS

Major Budget Items for this activity include the following:

- Salaries and Benefits ($971,613).
- Contracted Services:
  - Lake Okeechobee IT Support ($114,003) for computer consulting services for enterprise resource support and IT security.
- Operating Expenses:
  - Lake Okeechobee IT Support ($611,566) for software and hardware maintenance, communications service, and IT support.

There are no items funded with Reserves.

IV. PROGRAM 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.

District Description

This program contains field operations, right-of-way, engineering and construction, land management, recreation and public use, upland and wetland species invasive management. Additional activities include canal/levy and aquatic plant management, stormwater treatment area operations, infrastructure management, facilities and hydrology/hydraulics and includes all operation and maintenance of facilities, flood control and water supply structures, lands, and other works authorized by Chapter 373, F.S.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

TENTATIVE BUDGET - Fiscal Year 2019-20

3.0 Operation and Maintenance of Lands and Works

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 66,980,077	$ 65,224,451	$ 63,689,971	$ 70,551,347	$ 70,162,790	$ (388,557)	-0.6%
Other Personal Services	$ 5,159	$ 52,599	$ 45,233	$ 104,036	$ -	$ (104,036)	-100.0%
Contracted Services	$ 19,662,486	$ 13,113,769	$ 10,096,307	$ 9,087,088	$ 12,277,656	$ 3,190,568	35.1%
Operating Expenses	$ 59,720,609	$ 59,645,874	$ 74,366,732	$ 85,879,539	$ 96,997,142	$ 11,117,603	12.9%
Operating Capital Outlay	$ 6,832,805	$ 7,200,708	$ 9,227,760	$ 12,466,028	$ 27,093,378	$ 14,627,350	117.3%
Fixed Capital Outlay	$ 25,043,157	$ 37,374,211	$ 39,359,381	$ 43,456,860	$ 34,407,790	$ (9,049,070)	-20.8%
Interagency Expenditures (Cooperative Funding)	$ 845,744	$ 554,971	$ 578,982	$ 636,789	$ 622,952	$ (13,837)	-2.2%
Debt	$ 6,865,538	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ 61,255,337	$ 61,255,337	$ -	0.0%
TOTAL	$ 185,955,575	$ 183,166,583	$ 197,364,366	$ 283,437,024	$ 302,817,045	$ 19,380,021	6.8%

SOURCE OF FUNDS

Fiscal Year 2019-20

	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Salaries and Benefits	$ 67,471,688	$ 583,926	$ -	$ -	$ 78,034	$ 2,029,142	$ 70,162,790
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Contracted Services	$ 8,595,943	$ 3,370,000	$ -	$ -	$ 190,772	$ 120,941	$ 12,277,656
Operating Expenses	$ 78,171,840	$ 3,067,861	$ -	$ 229,200	$ 10,717,458	$ 4,810,783	$ 96,997,142
Operating Capital Outlay	$ 5,855,183	$ 21,238,195	$ -	$ -	$ -	$ -	$ 27,093,378
Fixed Capital Outlay	$ 30,171,900	$ 1,735,890	$ -	$ -	$ 2,500,000	$ -	$ 34,407,790
Interagency Expenditures (Cooperative Funding)	$ 622,952	$ -	$ -	$ -	$ -	$ -	$ 622,952
Debt	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Reserves - Emergency Response	$ -	$ 61,255,337	$ -	$ -	$ -	$ -	$ 61,255,337
TOTAL	$ 190,889,506	$ 91,251,209	$ -	$ 229,200	$ 13,486,264	$ 6,960,866	$ 302,817,045

RATE, OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Workforce	Rate (Salary without benefits)	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	748	$ 47,019,022	$ 70,162,790	$ -	$ 70,162,790
Other Personal Services	-	$ -	$ -	$ -	$ -
Contracted Services	-	$ -	$ 8,641,584	$ 3,636,072	$ 12,277,656
Operating Expenses			$ 81,477,904	$ 15,519,238	$ 96,997,142
Operating Capital Outlay			$ 5,940,183	$ 21,153,195	$ 27,093,378
Fixed Capital Outlay			$ 32,671,900	$ 1,735,890	$ 34,407,790
Interagency Expenditures (Cooperative Funding)			$ 622,952	$ -	$ 622,952
Debt			$ -	$ -	$ -
Reserves - Emergency Response			$ -	$ 61,255,337	$ 61,255,337
TOTAL			$ 199,517,313	$ 103,299,732	$ 302,817,045

WORKFORCE

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

WORKFORCE CATEGORY	Fiscal Year					Adopted to Tentative 2018-19 to 2019-20	
	2015-16	2016-17	2017-18	2018-19	2019-20	Difference	% Change
Authorized Positions	751	754	758	750	748	(2)	-0.27%
Contingent Worker	0	0	0	0	0	-	-
Other Personal Services	1	1	1	1	0	(1)	-100.00%
Intern	0	0	0	0	0	-	-
Volunteer	0	0	0	0	0	-	-
TOTAL WORKFORCE	752	755	759	751	748	(3)	-0.40%

IV. PROGRAM ALLOCATIONS

South Florida Water Management District
REDUCTIONS - NEW ISSUES
3.0 Operation and Maintenance of Lands and Works
Fiscal Year 2019-20
Tentative Budget - August 1, 2019

	FY 2018-19 Budget (Adopted)		750	283,437,024	
	Reductions				
Issue	Description	Issue Amount	Workforce	Category Subtotal	Issue Narrative
Salaries and Benefits			(2)	(1,055,279)	
1	Decrease in Total Fringe Benefits	(1,055,279)			The decreases are due to the re-allocation of district staff in support of other programs.
Other Personal Services				(104,036)	
2	Decrease in LTP STA O&M - Compliance	(8,036)			The reduction in OPS as a portion of staff were assigned to Program 1.0 and the other portion reduced.
3	Decrease in Preventative Maintenance & Operational Plan	(96,000)			
Contracted Services				(758,270)	
4	Decrease in Exotic Animal Management	(146,500)			The reduction is due to funding being re-aligned to correct CI State Group (Operating Expense).
5	Decrease in Injuction Pumping	(90,000)			The reduction is due to Hillsboro ASR Well Operations and Maintenance and Monitoring needs canceled.
6	Decrease in Land Stewardship Program Support	(4,500)			The reduction is due to a reduction in survey services for Land Stewardship.
7	Decrease in LTP STA O&M - Compliance	(6,000)			The reduction is due to Restoration Strategies project new works scientific support.
8	Decrease in LTP STA O&M - Pump Station Maintenance	(10,723)			The reduction is due to a reduced need within the STA Pump Station Maintenance O&M function.
9	Decrease in LTP STA O&M - Structure Inspections	(25,000)			The reduction is due to a reduced need in the STA Structure Inspection Program needs.
10	Decrease in O&M Program Support	(257,000)			The reduction is due to the re-alignment of funding within O&M for current needs.
11	Decrease in Structure Inspections	(215,000)			The reduction is due to a reduced need in the C&SF Structure Inspection Program needs.
12	Decrease in Terrestrial Plant Control	(3,547)			The reduction is due to funding being re-aligned in correct Functional Area (Exotic Plant Control).
Operating Expenses				(3,124,244)	
13	Decrease in Aquatic Plant Control	(348,236)			
14	Decrease in Aquatic Plant Control - Fleet	(632)			The reduction is due to the re-alignment to the correct functional are for work being done on the Fleet supporting Aquatic Plant Control.
15	Decrease in Biocontrol Exotic Plant	(661,536)			The decrease is due to the re-alignment to the correct CI State Category (to Contracted Services).
16	Decrease in C&C Data Log RTU New Installations	(276,000)			The decrease is due to the completion of the BCB SCADA Replacements program.
17	Decrease in Communication and Control	(350,000)			The reduction is due to the decreased need for the Gate Control Panel Replacements Project.
18	Decrease in Contamination Assessments	(98,722)			The decrease is due to cyclical funding needs for air permits and storage tank fees.
19	Decrease in Exotic Plant Control	(621,756)			The decrease is due to the reduction in funding for a one time equipment purchase as well as the re-alignment into correct Functional Areas.
20	Decrease in Field Station Maintenance	(11,511)			The reduction is due to a decreased need and funding was re-directed to other priorities within O&M.
21	Decrease in Injuction Pumping	(85,750)			The reduction is due to Hillsboro ASR Well Operations and Maintenance needs canceled.
22	Decrease in Land Stewardship Capital Projects	(13,500)			The reduction is due to the re-alignment to the correct functional area within Land Stewardship.
23	Decrease in Land Stewardship Equipment & Infrastructure Maintenance	(142,000)			The decrease is due to the reduction of the funding for fencing which has been re-directed within Land Stewardship for other needs.
24	Decrease in Land Stewardship Interim Lands - Taxes	(51,798)			The reduction is due to the decrease in funding for PILT based on earlier estimates for Hendry County.
25	Decrease in Levee Maintenance	(214,071)			The reduction is due to a decreased need and funding was re-directed to other priorities within O&M.
26	Decrease in LTP STA O&M - Levee Maintenance	(22,882)			The reduction is due to a decreased need and funding was re-directed to other priorities within O&M for the STA program.
27	Decrease in LTP STA O&M - Pump Station Maintenance	(8,241)			The reduction is due to a decreased need and funding was re-directed to other priorities within O&M for the STA program.
28	Decrease in Movement of Water	(998)			The reduction is due to a decreased need and funding was re-directed to other priorities within O&M.
29	Decrease in O&M IT Support	(78,180)			The reduction is due to a decreased need and funding was re-directed to other priorities within O&M.
30	Decrease in Other Equipment Maintenance	(1,500)			The reduction is due to a decreased need and funding was re-directed to other priorities within O&M.

IV. PROGRAM ALLOCATIONS

South Florida Water Management District
REDUCTIONS - NEW ISSUES
3.0 Operation and Maintenance of Lands and Works
Fiscal Year 2019-20
Tentative Budget - August 1, 2019

Reductions					
Issue	Description	Issue Amount	Workforce	Category Subtotal	Issue Narrative
Operating Expenses (cont'd)					
31	Decrease in Public Use	(272)			The reduction is due to a decreased need in this area.
32	Decrease in Public Use and Security	(500)			The reduction is due to a decreased need at Lake Hicpochee and Lakeside Ranch.
33	Decrease in Pump Station Refurbishment	(1)			The reduction is due to a decreased need.
34	Decrease in Structure Maintenance - Fleet	(24,836)			The reduction is due to the re-alignment to the correct functional are for work being done on the Fleet supporting Structure Maintenance.
35	Decrease in Survey Support	(1,000)			The reduction is due to a decreased need in ROW boundary surveys.
36	Decrease in Telemetry Maintenance - Fleet	(3,000)			The reduction is due to the re-alignment to the correct functional are for work being done on the Fleet supporting Telemetry Maintenance.
37	Decrease in Terrestrial Plant Control	(106,690)			The reduction is due to an overall re-allocation of funds to better align District needs.
38	Decrease in Terrestrial Plant Control - Fleet	(632)			The reduction is due to the re-alignment to the correct functional are for work being done on the Fleet supporting Terrestrial Plant Control.
Operating Capital Outlay				(1,098,711)	
39	Decrease in Communication and Control	(50,000)			The reduction is due to the Microwave Backbone Radio Upgrade project being moved to an outer fiscal year.
40	Decrease in Exotic Plant Control	(95,500)			The reduction is due to a one-time expenditure for equipment needed for the Loxahatchee Refuge exotic plant control program.
41	Decrease in O&M Program Support	(878,211)			The reduction is due to the movement of funding for Field Ops Heavy Equipment to other priority needs within O&M.
42	Decrease in Pump Station Maintenance	(75,000)			The reduction is due to a one-time expenditure for tools and equipment for the C-111 South Dade Project.
Fixed Capital Outlay				(21,833,302)	
43	Decrease in Canal/Levee Maintenance	(1,500,000)			The reduction is due to the completion of the C-4 Canal Project and I-75/Coco Interconnect project.
44	Decrease in Land Stewardship Interim Lands - Administration	(65,000)			The reduction is due to funding being re-aligned to correct CI State Group (Operating Expense).
45	Decrease in Land Stewardship Restoration & Monitoring	(2,934,562)			The decrease is due to a reduction in Shingle Creek Land Acquisition- Willing Sellers.
46	Decrease in Project Culvert Replacement/Repairs/Modification	(1,824,163)			The reduction is due to Construction projects nearing completion: L-8 Dupuis Culvert Project.
47	Decrease in Pump Station Modification	(6,296,393)			The reduction is due to Construction projects nearing completion: S-140 Trash Rake and S-331 Pump Refurbishment. S-5A Refurbishment is also being funded out of multiple functional areas based on its operation and is reflected in this line.
48	Decrease in Structure/Bridge Modification/Repairs	(9,213,184)			The reduction is due to Construction projects nearing completion: BCB Golden Gate Weir #4, S-197 Automation, S-151 Structure Automation, Spillway Refurbishments and Culvert 8 Pump Attachment.
Interagency Expenditures (Cooperative Funding)				(28,882)	
49	Decrease in LTP STA O&M - Compliance	(28,882)			The reduction is due to a decrease in funding for the Restoration Strategies STA 1-W compliance assessment.
Debt				-	
Reserves				-	
		TOTAL REDUCTIONS	(2)	(24,878,480)	

IV. PROGRAM ALLOCATIONS

South Florida Water Management District

REDUCTIONS - NEW ISSUES

3.0 Operation and Maintenance of Lands and Works

Fiscal Year 2019-20

Tentative Budget - August 1, 2019

New Issues					
Issue	Description	Issue Amount	Workforce	Category Subtotal	
Salaries and Benefits			-	666,722	Total increase in salaries and wages is an increase in compensation due to performance based reviews.
1	Increase in Total Salaries and Wages	666,722			
Other Personal Services				-	
Contracted Services				3,948,838	
2	Increase in Biocontrol Exotic Plant	661,536			The increase is due to the re-alignment to the correct CI State Category (from Operating Expenses).
3	Increase in Canal/Levee Maintenance	400,000			The increase is due to the addition of the C-100A Canal Rehabilitation Project.
4	Increase in Capital Works Projects	875,000			The increase is due for the next phase of the Operations Decision Support System project and the re-budgeting of the remaining balance of the C-51 Reservoir SB10 funding.
5	Increase in Exotic Plant Control	3,547			The increase is due to additional funding being re-aligned from Terrestrial Plant Control functional area.
6	Increase in Flood Protection LOS and Sea Level Rise Resiliency	675,000			The increase is due to funding added for the Flood Protection Level of Service and Coastal Resiliency Studies.
7	Increase in Land Stewardship Equipment & Infrastructure Maintenance	114,500			The increase is due to Road Maintenance needed on District Lands.
8	Increase in Levee Maintenance	1,214			The increase is due to additional need within the Levee Maintenance O&M function.
9	Increase in LTP STA O&M - Canal Maintenance	4			The increase is due to additional A-1FEB new works need.
10	Increase in LTP STA O&M - Levee Maintenance	34,473			The increase is due to additional need within the STA Levee Maintenance O&M function.
11	Increase in LTP STA O&M - MOSCAD, Security, & Telemetry	400,000			The increase is due to the additional funding needed for the next phase of the STA SCADA Stilling Well/Platform program.
12	Increase in LTP STA O&M - Structure Maintenance	33			The increase is due to additional need within the Structure Maintenance STA O&M function.
13	Increase in O&M IT Support	70,331			The increase is due to additional funding for the SCADA System Software Monitoring.
14	Increase in Permitting	1,500			The increase is due to funding for FAW Advertisement.
15	Increase in Public Use and Security	50,000			The increase is due to additional funding needed for Bird Rookery boardwalk repairs.
16	Increase in Pump Station Maintenance	1,827			The increase is due to additional need within the Pump Station Maintenance O&M function.
17	Increase in Pumping Operations	35,000			The increase is due to additional funding needed for the Kissimmee ASR Well monitoring.
18	Increase in Structure Maintenance	6,723			The increase is due to additional need within the Structure Maintenance O&M function.
19	Increase in Telemetry Maintenance	618,150			The increase is due to the additional funding needed for the next phase of the C&SF SCADA Stilling Well/Platform program.
Operating Expenses				14,241,847	
20	Increase in Automotive - Departments Outside O&M	8,213			The increase is due to funding being re-aligned to cover O&M priority needs.
21	Increase in Canal Maintenance	24,985			The increase is due to funding being re-aligned to cover O&M priority needs.
22	Increase in Canal/Levee Maintenance	145,802			The increase is due to the addition of Canal Improvements program.
23	Increase in Construction	3,500			The increase is due to funding being re-aligned to cover O&M priority needs.
24	Increase in Exotic Animal Management	246,500			The increase is due to funding being re-aligned to correct CI State Group (from Contracted Services) and additional funding added for Python program.
25	Increase in Land Stewardship Equipment & Infrastructure Maintenance - Fleet	300			The increase is due to the re-alignment to the correct functional are for work being done on the Fleet supporting Land Stewardship.
26	Increase in Land Stewardship Interim Lands - Administration	65,000			The increase is due to funding being re-aligned to correct CI State Group (from Fixed Capital Outlay).
27	Increase in Land Stewardship Mechanical Vegetation Control	3,500			The increase is due to the re-alignment to the correct Functional Area for work being done within Land Stewardship.
28	Increase in Land Stewardship Program Support	4,542			The increase is due to the re-alignment to the correct Functional Area for Conference Registration and Training within Land Stewardship.
29	Increase in Land Stewardship Restoration & Monitoring	45,240			The increase is due to the increase in NRCS funding for Year 2: Planting & Maintenance on the 94 acre Turnpike Dairy Conservation Easement in Martin County.
30	Increase in Levee Maintenance - Fleet	83,625			The increase is due to the re-alignment to the correct functional are for work being done on the Fleet supporting Levee Maintenance.

IV. PROGRAM ALLOCATIONS

REDUCTIONS - NEW ISSUES

3.0 Operation and Maintenance of Lands and Works
Fiscal Year 2019-20
Tentative Budget - August 1, 2019

New Issues					
Issue	Description	Issue Amount	Workforce	Category Subtotal	
Operating Expenses (cont'd)					
31	Increase in Long Tern Plan Stormwater Treatment Areas (LTP STA) O&M	674,000			The increase is due to the next phase of the G-310, G-335, G-370 and G-372 Ground Modifications.
32	Increase in LTP STA O&M - Aquatic Plant Control	55,245			The increase is due to funding that was re-directed from other O&M STA activities.
33	Increase in LTP STA O&M - Canal Maintenance	143			The increase is due to funding that was re-directed from other O&M STA activities.
34	Increase in LTP STA O&M - Contamination	118,796			The increase is due to funding that was re-directed from other O&M STA activities.
35	Increase in LTP STA O&M - Fleet Equipment Maintenance	639			The increase is due to funding that was re-directed from other O&M STA activities.
36	Increase in LTP STA O&M - Levee Maintenance - Fleet	6,666			The increase is due to the re-alignment to the correct functional are for work being done on the Fleet supporting STA Levee Maintenance.
37	Increase in LTP STA O&M - Mowing	9,275			The increase is due to funding that was re-directed from other O&M STA activities.
38	Increase in LTP STA O&M - Public Use	1,000			The increase is due to funding that was re-directed from other O&M STA activities.
39	Increase in LTP STA O&M - Pump Station Maintenance - Fleet	6,666			The increase is due to the re-alignment to the correct functional are for work being done on the Fleet supporting the Pump Stations.
40	Increase in LTP STA O&M - Pump Station Modification/Repairs	447,000			The increase is due to re-allocation of funding for the G-404 Roof Replacement along with the increased construction need for the G-310/G-335 Trash Rake Replacement Project.
41	Increase in LTP STA O&M - Structure Maintenance	2,926			The increase is due to funding that was re-directed from other O&M STA activities.
42	Increase in LTP STA O&M - Structure Maintenance - Fleet	6,666			The increase is due to the re-alignment to the correct functional are for work being done on the Fleet supporting the STA Pump Stations.
43	Increase in LTP STA O&M - Structure Overhaul	35,000			The increase is due to the increased need for the STA Gate Overhaul Program based on the work plan.
44	Increase in LTP STA O&M - Terrestrial Plant Control	6,786			The increase is due STA-1W1 New Works coming online.
45	Increase in Mowing	134,765			The increase is due to funding that was re-directed from other O&M activities.
46	Increase in O&M Fleet Overhead	16,809			The increase is due to funding being re-directed within O&M to cover new works.
47	Increase in O&M Program Support	7,758,029			The increase is due to O&M new investments.
48	Increase in Prescribed Burn	60,930			The increase is due to a potential Grant increase from Florida Forest Service for Prescribed Fire Enhancement within Land Stewardship.
49	Increase in Preventative Maintenance & Operational Plan	106,038			The increase is due to funding being re-directed within the District to cover additional safety and maintenance needs.
50	Increase in Pump Station Maintenance	407,571			The increase is due to the addition of new works coming online for Miller Pump Station and Lake Hicpochee.
51	Increase in Pump Station Maintenance - Fleet	11,675			The increase is due to the re-alignment to the correct functional are for work being done on the Fleet supporting the Pump Stations.
52	Increase in Pump Station Modification	1,200,000			The increase is due to the Arc Flash upgrade and the additional needed for construction on the G-420, G-420S, G-422 Modification Project.
53	Increase in Pumping Operations	6,595			The increase is due to funding being re-directed within O&M to cover new works.
54	Increase in Pumping Operations - Fleet	163,286			The increase is due to the re-alignment to the correct functional area for work being done on the Fleet supporting the Pump Stations.
55	Increase in Security Management	25,116			The increase is due to the repairs needed for the District's security system and software upgrades.
56	Increase in Structure Maintenance	76,150			The increase is due to the addition of the Dade-Broward Pump Station new works.
57	Increase in Structure Overhaul	97,500			The increase is due to the Gate Overhaul Program being increased per the work plan.
58	Increase in Structure/Bridge Modification/Repairs	1,664,748			The increase is due to the construction phases of the C-20 Dredging(S-169 Relocation) project, the S-40, S-41 and S-44 Gate Replacement project, and investing in the Fall Protection and Generator Replacement Programs.
59	Increase in Telemetry Maintenance	360,320			The increase is due to the BCB SCADA Replacements program.
60	Increase in Tree Management	150,300			The increase is due to the new works for SCADA equipment necessary for C-11, BBCW-L31E, C-111 Spreader Canal, Ten Mile Creek, Lakeside Ranch N and S, Miller in Picayune Strand and Southern Crew.

IV. PROGRAM ALLOCATIONS

South Florida Water Management District

REDUCTIONS - NEW ISSUES

3.0 Operation and Maintenance of Lands and Works
Fiscal Year 2019-20
Tentative Budget - August 1, 2019

New Issues					
Issue	Description	Issue Amount	Workforce	Category Subtotal	
Operating Capital Outlay				15,726,061	
61	Increase in Land Stewardship Restoration & Monitoring	13,000,000			The increase is due to the additional funding for construction for the next phase of the C-139 Annex Restoration Project.
62	Increase in LTP STA O&M - Compliance	8,000			The increase is due to small equipment needed for STA1-W water quality testing.
63	Increase in Preventative Maintenance & Operational Plan	1,800			The increase is due to small equipment needed for the BCB Field Station.
64	Increase in Pump Station Modification	528,761			The increase is due to additional funding received from the USACE for the S-332 B/C Design project.
65	Increase in Security Management	9,500			The increase is due to funding needed for the Security System upgrades at our Headquarters location.
66	Increase in Structure Maintenance	228,000			The increase is due to the additional heavy equipment needed for the C-43 Reservoir Project and the BCB Field Station.
67	Increase in Structure/Bridge Modification/Repairs	1,950,000			The increase is due to the additional funding needed for construction of the S-169 Relocation project.
Fixed Capital Outlay				12,784,232	
68	Increase in Capital Works Projects	2,500,000			The increase is due to the addition of the Nubbin Slough Repairs project.
69	Increase in Communication and Control	3,555,000			The increase is due to the ramping up of construction on the IT South Shelters project, S-331 Communication Center and BCB Communications System Improvements projects.
70	Increase in LTP STA O&M - Pump Station Modification/Repairs	127,032			The increase is due to the S-5A Construction project being represented into multiple functional areas.
71	Increase in O&M Facility Construction	6,474,487			The increase is due to the ramping up of design on the Okeechobee Field Station, beginning of construction on the Homestead Field Station Buildings Replacement project and the on-going refurbishments at West Palm Beach and Fort Lauderdale Field Stations.
72	Increase in Preventative Maintenance & Operational Plan	3,500			The increase is due to funding needed for upgrades to the BCB Service Center.
73	Increase in Security Management	12,402			The increase is due to funding needed for the Security System upgrades at our Service Centers.
74	Increase in Water Management System & NAVD88	111,811			The increase is due to additional funding needed for the completion of the SCADA System replacement project.
Interagency Expenditures (Cooperative Funding)				15,045	
75	Increase in Structure Maintenance	15,045			The increase is due to additional work being done for other WMD's gate overhaul programs.
Debt				-	
Reserves				-	
		TOTAL NEW ISSUES	0	47,382,745	
3.0 Operation and Maintenance of Lands and Works Total Workforce and Tentative Budget for FY 2019-20			748	$ 302,817,045	

Changes and Trends

Salaries and Benefits decreased between Fiscal Year 2015-16 and Fiscal Year 2017-18 due to staff reallocation in support of new project initiatives within the agency. Some of the major decreases in Contracted Services between Fiscal Year 2015-16 to Fiscal Year 2017-18 are due to the pass-through funding for the CEMEX land acquisition funded with Lake Belt Mitigation. Fixed Capital Outlay has had an upward trend over the last three years as projects have moved from design to construction, as well as the pass-through funding for the CEMEX land acquisition completion. Increases and decreases within Contracted Services, Operating Expenses, Operating Capital Outlay and Fixed Capital Outlay between Fiscal Year 2015-16 and Fiscal Year 2017-18 are primarily due to the phases of projects within the O&M Refurbishment program as they move from planning, design and construction. The O&M Refurbishment program has also shown a steady increase over the last five years due to the aging systems infrastructure along with the ongoing commitment to implement refurbishment plans for operational and capital projects such as critical water control structures and pump stations. The program continues with over $60 million allocated in the Fiscal Year 2019-20 Tentative Budget for the prioritization of projects and activities critical to the strength and condition of the C&SF, STAs and BCB and continues to be a Governing Board core mission priority. Additionally, the decrease in Debt between Fiscal Year 2015-16 to Fiscal Year 2017-18 is due to the retirement of debt from the Water Management Lands Trust Fund.

For the Fiscal Year 2019-20 Tentative Budget, one of the major increases in funding in this activity is tied the C-139 Annex Restoration Project. Funding for the C-139 Annex Restoration Project varies from year to year as the project goes through its different phases of planning, design, and construction. Land management activities continue to be funded using 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 that is generated from lands acquired through the Save Our Everglades Trust Fund and generated using Federal grant funds is being used to support land management activities and reduce ad valorem expenditures.

Land management activities continue to be funded through a variety of sources including ad valorem, mitigation funds, state revenues from the Land Acquisition Trust Fund and lease revenues. The Legislature has provided Land Acquisition Trust Fund for land management and vegetation management activities. This funding is located within Operating Expenses ($2.2 million) and Contracted Services ($190,772).

The Hurricane/Emergency Reserve is $61.3 million and is re-budgeted each year.

Additional new infrastructure coming online, due to CERP, NEEPP and Restoration Strategies projects completing construction, continues to affect the Operations and Maintenance of Lands and Works budget. Funding is needed for the overall operations and maintenance of the new sites along with staffing to support the new infrastructure. Over the next few years, major projects being completed are the C-44 STA and Pump Station, Caloosahatchee River (C-43) West Basin Storage Reservoir, Everglades Agricultural Area Storage Reservoir Conveyance Improvements and Stormwater Treatment Area, Lakeside Ranch Phase 2, Lake Hicpochee, Picayune Strand Restoration along with several Restoration Strategies project completions. This new infrastructure will continue to have financial affects through all activities within 3.0.

Budget Variances

This program has a 6.8 percent ($19.4 million) increase from the Fiscal Year 2018-19 Adopted Budget of $283.4 million. The largest increase is in Operating Capital Outlay 117.3 percent ($14.6 million) and is primarily due to the additional Lake Belt Mitigation funds for the on-going design and construction on the C-139 Annex Restoration project, increases in Operating Expenses 12.9 percent ($11.1 million) are primarily due to new works of the District coming online as well as ongoing repairs and maintenance of the C&SF System and O&M Refurbishment Program. Contracted Services increased 35.1 percent ($3.2 million) primarily in support of multi-year needs for the Operations Decision Support System, C-100A Canal Rehabilitation Project and the SCADA Stillingwell Program. In the Fiscal Year 2019-20 Tentative Budget, there is an overall decrease in Fixed Capital Outlay of 20.8 percent ($9.0 million) which reflects the O&M Refurbishment Programs multi-year project cash flow requirements for design, construction and completion. Other Personal Services has a 100.0 percent ($104,036) decrease as staff were allocated to support other programs.

Major Budget Items for this program include the following:

- Salaries and Benefits ($70.2 million) (748 FTEs).
- Projects in Appendix C under this program can be found in Appendix C of this budget as well as in each activity or sub-activity of this program ($68.5 million).
- Reserves – Hurricane/Emergency Reserve ($61.3 million).
- Contracted Services:
  - Telemetry and Electronics Maintenance ($1.7 million), which includes:
    - SCADA Stillingwell & Platform Program ($1.4 million).
  - Structure Inspections ($1.5 million).
  - Capital Projects Works ($1.0 million).
    - Operations Decision Support System (ODSS) Upgrades ($985,000).
  - Land Stewardship Restoration and Monitoring ($877,000).
  - Structure and Pump Station Maintenance ($868,843).
  - Operations & Maintenance Program Support ($841,915).
  - Biocontrol/ Exotic Plant Control ($711,536).
  - Flood Protection Level of Service (LOS) and Sea Level Rise Resiliency ($675,000).
  - Computer consulting services ($556,010), enterprise resource support and IT security.

- Public Use and Security ($247,272).
- Right of way permitting support ($172,752).
- Aquatic Plant Control ($140,000)

- Operating Expenses:
  - Exotic Plant Control ($14.1 million), which includes:
    - The District anticipates $2.0 million from the U.S. Fish and Wildlife Service in federal funding for lygodium and melaleuca treatments within the Loxahatchee Refuge.
  - Self-Insurance Programs (comprised of health insurance, workers compensation, property insurance, general liability) ($13.3 million).
  - Projects in Appendix C ($10.5 million).
  - Movement of Water/Pumping Operations ($8.9 million).
  - Operations & Maintenance C&SF New Initiatives ($7.7 million).
  - Structure & Pump Station Maintenance/Modification ($6.4 million), which includes:
    - Pump & Engine Overhaul Program ($920,000).
    - Fall Protection and Generator Replacement Programs ($450,000).
    - Gate & Cylinder Overhaul Program ($358,014).
    - Project Culvert In-Kind Replacement Program ($200,000).
  - Aquatic Plant Control/ LTP STA O&M ($6.0 million).
  - Fleet vehicle fuel, oil, lubricants, repairs, parts and supplies ($5.3 million).
  - Maintenance of Canals/Levees ($4.4 million), which includes:
    - Dredge and Bank Stabilization Program ($500,000).
  - Software maintenance ($2.5 million).
  - Terrestrial Plant Control/ LTP STA O&M ($2.4 million).
  - Maintenance of the C&SF and STA Structure Operations ($2.0 million).
  - Telemetry and Electronics Maintenance ($1.9 million), which includes:
    - SCADA Stillingwell & Platform Program ($300,000).
    - Microwave Tower Repair Program ($100,000).

- Utilities ($959,355).
- Public Use and Security/ LTP STA O&M ($759,550).
    - 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.
- Electrical and general maintenance contractual services ($684,146).
- Land Stewardship Equipment and Infrastructure Maintenance ($672,598).
- Land Stewardship Interim Lands – Administration/PILT ($537,662).
- Contracted Land Management Services ($389,000).
- Security Services ($386,215).
- Exotic Animal Management ($371,500).
- Land Stewardship Mechanical Vegetation Control ($303,000).

- Operating Capital Outlay:
    - Projects in Appendix C ($21.3 million).
    - Structure & Pump Station Maintenance/Modification ($4.6 million), which includes:
        - S-332 B & C Pump Station Replacement-Planning ($4.1 million).
    - O&M Program Support/Replacement Field Station Equipment ($1.0 million).
    - Replacement of laboratory equipment ($103,600).
- Fixed Capital Outlay:
    - Projects in Appendix C ($33.7 million).
    - Lake Belt Land Acquisition Mitigation; Future land acquisition as approved by Lake Belt Mitigation Plan, Pennsuco Willing Sellers ($355,890).
- Interagency Expenditures:
    - Exotic / Aquatic plant control activities ($422,500).
    - Structure & Pump Station Maintenance ($173,952).
    - Fish collection and laboratory services ($26,500).

3.1 Land Management - Maintenance, custodial, and restoration efforts for lands acquired through federal, state and locally sponsored land acquisition programs.

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 Section 373.1391, F.S. 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 need 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.

IV. PROGRAM ALLOCATIONS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

TENTATIVE BUDGET - Fiscal Year 2019-20

3.1 - Land Management

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 4,358,793	$ 4,237,349	$ 4,633,110	$ 4,454,792	$ 4,610,962	$ 156,170	3.5%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 11,292,490	$ 2,484,801	$ 3,079,915	$ 1,359,466	$ 1,519,466	$ 160,000	11.8%
Operating Expenses	$ 2,691,634	$ 2,200,762	$ 2,892,113	$ 4,227,806	$ 4,199,948	$ (27,858)	-0.7%
Operating Capital Outlay	$ 251,268	$ 283,659	$ 164,442	$ 4,000,000	$ 17,000,000	$ 13,000,000	325.0%
Fixed Capital Outlay	$ 1,637,575	$ 5,240,833	$ 562,310	$ 3,335,452	$ 335,890	$ (2,999,562)	-89.9%
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ 6,865,538	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 27,097,298	$ 14,447,404	$ 11,331,890	$ 17,377,516	$ 27,666,266	$ 10,288,750	59.2%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 7,520,887	$ 19,617,417	$ -	$ 15,000	$ 429,502	$ 83,460	$ 27,666,266

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 4,610,962	$ -	$ 4,610,962
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ 819,466	$ 700,000	$ 1,519,466
Operating Expenses		$ 3,091,551	$ 1,108,397	$ 4,199,948
Operating Capital Outlay		$ -	$ 17,000,000	$ 17,000,000
Fixed Capital Outlay		$ -	$ 335,890	$ 335,890
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 8,521,979	$ 19,144,287	$ 27,666,266

Changes and Trends

The decreases in Contracted Services and Fixed Capital Outlay between Fiscal Year 2015-16 to Fiscal Year 2017-18 are due to the budgeting and expending of the pass-through funding for the CEMEX land acquisition funded with Lake Belt Mitigation. Additionally, the decrease in Debt between Fiscal Year 2015-16 and Fiscal Year 2016-17 is due to the retirement of debt from the Water Management Lands Trust Fund.

For the Fiscal Year 2019-20 Tentative Budget, one of the major increases is in Operating Capital Outlay is tied to the C-139 Annex Restoration Project. Funding for the C-139 Annex Restoration Project has increased over the last two years as the project goes through its different phases of planning, design, and construction. Land management activities continue to be funded using 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 Federal grant funds is being used to support land management activities so that existing ad valorem funds can be used in support of other District priorities.

Budget Variances

This activity has a 59.2 percent ($10.3 million) increase from the Fiscal Year 2018-19 Adopted Budget of $17.4 million. This is primarily due to a net increase of 325.0 percent ($13 million) in Operating Capital Outlay for the continued construction work on the C-139 Annex Restoration ($17 million), a 11.8 percent ($160,000) in Contracted Services due to boardwalk renovation and road maintenance, and a 3.5 percent ($156,170) increase in Salaries and Benefits due to allocation of staff in support of activity. The increases were offset by an 89.9 percent ($3 million)

decrease in Fixed Capital Outlay primarily due to the reduction in acquisition funds needed for Shingle Creek willing sellers.

Major Budget Items for this activity include the following:

- Salaries and Benefits ($4.6 million).

Appendix C includes projects that are funded with Salaries and Benefits (included in the salaries and benefits number above), Operating Expenses and Operating Capital Outlay.

Project Name	Salaries and Benefits	Other Personal Services	Contracted Services	Operating Expenses	Operating Capital Outlay	Fixed Capital Outlay	Interagency Expenditures	Debt	Reserves	Grand Total
C-139 Annex Restoration Project	$ 529,081	$ -	$ -	$ 1,500,000	$ 17,000,000	$ -	$ -	$ -	$ -	$ 19,029,081
Grand Total	**$ 529,081**	**$ -**	**$ -**	**$ 1,500,000**	**$ 17,000,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 19,029,081**

- Contracted Services:
  - Land Stewardship Restoration and Monitoring ($877,000).
    - Lake Belt Mitigation – Dade Broward Levee repair and monitoring ($850,000).
  - Public Use and Security ($247,272).
  - Land Stewardship Interim Lands – Administration ($195,694).
  - Land Stewardship Equipment and Infrastructure Maintenance ($128,000).
  - Land Stewardship Program Support ($46,500).
  - Land Stewardship Mechanical Vegetation Control ($25,000).
- Operating Expenses:
  - Projects in Appendix C ($1.5 million).
  - Public Use and Security/ LTP STA O&M ($759,550).
    - 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.
  - Land Stewardship Equipment and Infrastructure Maintenance ($672,598).
  - Land Stewardship Interim Lands – Administration/PILT ($537,662).
  - Land Stewardship Mechanical Vegetation Control ($303,000).
  - Land Stewardship Restoration and Monitoring ($196,367).
  - Prescribed Burn ($174,730).
  - Land Stewardship Program Support ($56,041).

- Fixed Capital Outlay:
    - Lake Belt Land Acquisition Mitigation; Future land acquisition as approved by Lake Belt Mitigation Plan, Pennsuco Willing Sellers ($355,890).

Items funded with Reserves with restrictions include on-going work funded with Lake Belt Mitigation for C-139 Annex Restoration project ($18,209,146) and pass-through funding to the Miami-Dade Limestone Products Association for Dade-Broward levee repair and monitoring ($1,035,890), as well as prior year Wetlands Mitigation, lease revenue funds for public use and security, restoration, monitoring and vegetation management, land acquisition and appraisal for leases ($372,381).

3.2 Works - The maintenance of flood control and water supply system infrastructure, such as canals, levees, and water control structures. This includes electronic communication and control activities.

District Description

The expanded works of the District are an integral part of the operations and maintenance of the C&SF Project, STA, BCB and the operations of new facilities and structures from completed CERP and Restoration Strategies projects. 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 of approximately 2,200 miles of canals and 2,100 miles of levees/berms, 84 pumping stations, 778 water control structures and weirs, and 621 project culverts, which send water south and through waterways eastward and westward to both coasts.

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 will be required to sustain the viability of the system.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
3.2 - Works

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 46,253,477	$ 45,138,077	$ 43,382,217	$ 48,563,872	$ 48,182,890	$ (380,982)	-0.8%
Other Personal Services	$ 3,359	$ 19,982	$ 5,770	$ -	$ -	$ -	-
Contracted Services	$ 7,292,761	$ 9,177,699	$ 5,468,365	$ 6,383,074	$ 8,832,775	$ 2,449,701	38.4%
Operating Expenses	$ 30,453,993	$ 31,662,305	$ 43,110,678	$ 44,424,882	$ 56,671,611	$ 12,246,729	27.6%
Operating Capital Outlay	$ 5,915,500	$ 6,187,325	$ 8,195,530	$ 8,272,428	$ 9,975,978	$ 1,703,550	20.6%
Fixed Capital Outlay	$ 23,405,582	$ 32,133,378	$ 38,797,071	$ 40,121,408	$ 34,055,998	$ (6,065,410)	-15.1%
Interagency Expenditures (Cooperative Funding)	$ 405,137	$ 282,228	$ 268,889	$ 158,907	$ 173,952	$ 15,045	9.5%
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ 61,255,337	$ 61,255,337	$ -	0.0%
TOTAL	$ 113,729,809	$ 124,600,994	$ 139,228,520	$ 209,179,908	$ 219,148,541	$ 9,968,633	4.8%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 141,609,094	$ 69,601,902	$ -	$ 214,200	$ 3,450,000	$ 4,273,345	$ 219,148,541

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 48,182,890	$ -	$ 48,182,890
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ 6,055,455	$ 2,777,320	$ 8,832,775
Operating Expenses		$ 43,367,775	$ 13,303,836	$ 56,671,611
Operating Capital Outlay		$ 5,822,783	$ 4,153,195	$ 9,975,978
Fixed Capital Outlay		$ 32,655,998	$ 1,400,000	$ 34,055,998
Interagency Expenditures (Cooperative Funding)		$ 173,952	$ -	$ 173,952
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ 61,255,337	$ 61,255,337
TOTAL		$ 136,258,853	$ 82,889,688	$ 219,148,541

Changes and Trends

Salaries and Benefits decreased between Fiscal Year 2015-16 and Fiscal Year 2017-18 due to staff reallocation in support of new project initiatives within the agency. Increases and decreases within Contracted Services, Operating Expenses, Operating Capital Outlay and Fixed Capital Outlay between Fiscal Year 2015-16 and Fiscal Year 2017-18 are primarily due to the phases of projects within the O&M Refurbishment program as they move from planning, design and construction. The O&M Refurbishment program has also shown a steady increase over the last

five years due to the aging systems infrastructure along with the ongoing commitment to implement refurbishment plans for operational and capital projects such as critical water control structures and pump stations. The program continues with over $60 million allocated in the Fiscal Year 2019-20 Tentative Budget for the prioritization of projects and activities critical to the strength and condition of the C&SF, STAs and BCB and continues to be a Governing Board core mission priority.

New projects that have completed construction and the operations and maintenance of that new infrastructure (new works) have been steadily increasing our recurring expenditures over the past five years and the Reserves for Emergency Response is re-budgeted each year.

Budget Variances

This activity has a 4.8 percent ($10.0 million) increase from the Fiscal Year 2018-19 Adopted Budget of $209.2 million. The largest increase is in Contracted Services 38.4 percent ($2.5 million) which is primarily due to the cash flow requirement of the Operations Decision Support System, and SCADA Stillingwell program. Operating Expenses increased 27.6 percent ($12.2 million) and Operating Capital Outlay increased 20.6 percent ($1.7 million) both primarily due to the additional funding needed for the operations and maintenance of the new works projects coming online and additional funding for the maintenance and repair of the C&SF system and Operations and Maintenance Refurbishment program. Interagency Expenditures increased 9.5 percent ($15,045) due to the additional structure maintenance gate overhaul work being done with other agencies and Salaries and Benefits decreased 0.8 percent ($380,982) due to staff allocation in support of other activities.

Decreases in Fixed Capital Outlay 15.1 percent ($6.1 million) are primarily due to the shift in spending categories tied to the projects that are part of the Operations and Maintenance Refurbishment program, funding for Heavy Equipment, the cash flow requirement for the Okeechobee Field Station Replacement and the Nubbin Slough STA Repair project. As the projects move from design and construction to completion, spending categories change. Projects are also categorized as expense versus capital each year as the program is prioritized.

Major Budget Items for this activity include the following:

- Salaries and Benefits ($48.2 million).

Appendix C includes projects that are funded with Salaries and Benefits (are included in the salaries and benefits number above), Contracted Services, Operating Expenses, Operating Capital Outlay and Fixed Capital Outlay.

IV. PROGRAM ALLOCATIONS

Project Name	Salaries and Benefits	Other Personal Services	Contracted Services	Operating Expenses	Operating Capital Outlay	Fixed Capital Outlay	Interagency Expenditures	Debt	Reserves	Grand Total
BCB Canal Improvements	$ -	$ -	$ -	$ 600,000	$ -	$ -	$ -	$ -	$ -	$ 600,000
BCB Electrification and Remote Operations	$ 18,700	$ -	$ -	$ -	$ -	$ 1,100,000	$ -	$ -	$ -	$ 1,118,700
BCB Golden Gate Weir #4 Replacement	$ 21,744	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 21,744
BCB Structures Monitorng & Control Upgrades	$ -	$ -	$ -	$ -	$ -	$ 250,000	$ -	$ -	$ -	$ 250,000
C-100A Canal Bank Rehabilitation	$ 23,822	$ -	$ 950,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 973,822
FTL FS B-226 Overhead Crane Replacement	$ 20,041	$ -	$ -	$ -	$ -	$ 516,400	$ -	$ -	$ -	$ 536,441
G310,G335,G370,G372 Grounding Mods	$ 23,241	$ -	$ -	$ 924,000	$ -	$ -	$ -	$ -	$ -	$ 947,241
G-310/G-335 Trash Rake Replacement	$ 49,064	$ -	$ -	$ 147,000	$ -	$ -	$ -	$ -	$ -	$ 196,064
G-420 and G-420S Modifications	$ 59,801	$ -	$ -	$ 1,750,000	$ -	$ -	$ -	$ -	$ -	$ 1,809,801
G-93 New Control Building	$ 23,345	$ -	$ -	$ -	$ 200,000	$ -	$ -	$ -	$ -	$ 223,345
Gate Control Panel Replacement	$ -	$ -	$ -	$ 50,000	$ -	$ -	$ -	$ -	$ -	$ 50,000
Homestead Field Station Buildings Replacement	$ 90,477	$ -	$ -	$ -	$ -	$ 5,800,000	$ -	$ -	$ -	$ 5,890,477
IT Shelters Project	$ 113,090	$ -	$ -	$ -	$ -	$ 3,180,000	$ -	$ -	$ -	$ 3,293,090
L-8 Dupuis Culverts	$ 26,477	$ -	$ -	$ -	$ -	$ 675,837	$ -	$ -	$ -	$ 702,314
Large Project Culvert Replacements	$ 128,390	$ -	$ -	$ 50,000	$ -	$ -	$ -	$ -	$ -	$ 178,390
Nubbin Slough STA Repair	$ 13,526	$ -	$ -	$ -	$ -	$ 2,500,000	$ -	$ -	$ -	$ 2,513,526
Okeechobee Field Station Relocation	$ 72,565	$ -	$ -	$ -	$ -	$ 1,400,000	$ -	$ -	$ -	$ 1,472,565
Pump Station's S9/9A Trash Rakes & Refurbishment	$ 61,924	$ -	$ -	$ -	$ -	$ 50,000	$ -	$ -	$ -	$ 111,924
S-12 Tower SCADA Additions	$ 23,241	$ -	$ -	$ 924,000	$ -	$ -	$ -	$ -	$ -	$ 947,241
S-135 By-Pass Culvert	$ 24,762	$ -	$ -	$ -	$ -	$ 605,000	$ -	$ -	$ -	$ 629,762
S-140 Pump Station Refurbishment	$ 83,358	$ -	$ -	$ -	$ -	$ 672,002	$ -	$ -	$ -	$ 755,360
S-151 Structure Repalcement	$ 47,186	$ -	$ -	$ -	$ -	$ 1,346,844	$ -	$ -	$ -	$ 1,394,030
S-169 Relocation & C-20 Dredging @ S-169	$ 155,749	$ -	$ -	$ 314,748	$ 4,000,000	$ -	$ -	$ -	$ -	$ 4,470,497
S-178 Gate Replacement & Automation/S-197 Automation	$ 10,023	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 10,023
S2,S3,S4,S7,S8 Monitor Panel Updates	$ 13,240	$ -	$ -	$ -	$ -	$ 1,741,939	$ -	$ -	$ -	$ 1,755,179
S2/S3/S4 Pump Station Refurbishment	$ -	$ -	$ -	$ -	$ 50,000	$ -	$ -	$ -	$ -	$ 50,000
S319 & S362 Generator Replacement and Relocation	$ 13,221	$ -	$ -	$ -	$ -	$ 50,000	$ -	$ -	$ -	$ 63,221
S-331 South Dade Conveyance System Communication System Upgrades (Command Control Center)	$ 38,692	$ -	$ -	$ -	$ -	$ 4,000,000	$ -	$ -	$ -	$ 4,038,692
S-40, S-41 and S-44 Gate Replacements	$ 43,857	$ -	$ -	$ 4,200,000	$ -	$ -	$ -	$ -	$ -	$ 4,243,857
S-49 Spillway Refurbishment	$ 117,403	$ -	$ -	$ -	$ 50,000	$ -	$ -	$ -	$ -	$ 167,403
S-5A Pump Station Refurbishment	$ 72,346	$ -	$ -	$ -	$ -	$ 7,427,500	$ -	$ -	$ -	$ 7,499,846
S-65D Spillway Refurbishment	$ 30,432	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 30,432
Spillway Refurbishments S-72 & S-75	$ 110,976	$ -	$ -	$ -	$ -	$ 2,231,332	$ -	$ -	$ -	$ 2,342,308
WPB FS Maintenance Systems Replacements	$ 40,541	$ -	$ -	$ -	$ -	$ 147,333	$ -	$ -	$ -	$ 187,874
Grand Total	**$ 1,571,234**	**$ -**	**$ 950,000**	**$ 8,959,748**	**$ 4,300,000**	**$ 33,694,187**	**$ -**	**$ -**	**$ -**	**$ 49,475,169**

- Contracted Services:
  - Telemetry & Electronics Maintenance ($1.7 million).
    - SCADA Stillingwell & Platform Program ($1.4 million).
  - Structure Inspections ($1.5 million).
  - Capital Projects Works ($1.0 million).
    - Operations Decision Support System (ODSS) Upgrades ($985,000).
  - Structure & Pump Station Maintenance ($868,843).
  - Operations & Maintenance Program Support ($841,915).
  - Flood Protection Level of Service (LOS) and Sea Level Rise Resiliency ($675,000).
  - Water Management Systems (NAVD88) ($600,000).
  - Maintenance of Canals/Levees ($569,588), which includes:
    - Canal Conveyance Studies Program ($300,000).
  - Movement of Water/Pumping Operations ($44,240).
  - Maintenance of the C&SF and STA Structure Operations ($5,307).

IV. PROGRAM ALLOCATIONS

- Operating Expenses:
  - Self-Insurance Programs (comprised of health insurance, workers compensation, property insurance, general liability) ($13.3 million).
  - Projects in Appendix C ($9.0 million).
  - Movement of Water/Pumping Operations ($8.9 million).
  - Operations & Maintenance C&SF New Initiatives ($7.7 million).
  - Structure & Pump Station Maintenance/Modification ($6.4 million), which includes:
    - Pump & Engine Overhaul Program ($920,000).
    - Fall Protection and Generator Replacement Programs ($450,000).
    - Gate & Cylinder Overhaul Program ($358,014).
    - Project Culvert In-Kind Replacement Program ($200,000).
  - Maintenance of Canals/Levees ($4.4 million), which includes:
    - Dredge & Bank Stabilization Program ($500,000).
  - Maintenance of the C&SF and STA Structure Operations ($2.0 million).
  - Telemetry & Electronics Maintenance ($1.9 million), which includes:
    - SCADA Stillingwell & Platform Program ($300,000).
    - Microwave Tower Repair Program ($100,000).

- Operating Capital Outlay:
  - Structure & Pump Station Maintenance/Modification ($4.6 million), which includes:
    - S-332 B & C Pump Station Replacement-Planning ($4.1 million).
  - Projects in Appendix C ($4.3 million)
  - O&M Program Support ($1.0 million), which includes:
    - Replacement Field Station Equipment ($1.0 million).
- Fixed Capital Outlay:
  - Projects in Appendix C ($33.7 million)
  - Water Management Systems (NAVD88) ($111,811).

- Interagency Expenditures:
  - Structure & Pump Station Maintenance ($173,952).
    - Multi Water Management Districts Gate Overhaul Program
- Reserves – Emergency Response:
  - Hurricane/Emergency Reserve ($61.3 million): With our core mission of flood control and the importance of being able to provide for emergency response, the District 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,
- The 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, or
- 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.

Items funded with Reserves with restrictions include: The Hurricane/Emergency Reserve ($61,255,337), the S-332 B/C Pump Station Design ($4,111,095), re-budgeted funding for the C-51 Project ($40,000) and new works for the Dade-Broward Levee Pump Station coming online ($12,370).

Items funded with Reserves without restrictions include: Canal Conveyance Program ($300,000), Flood Protection Level of Service ($600,000) , Okeechobee Field Station Replacement ($1.4 million), Vertical Datum Upgrade ($600,000), Operations Decision Support System ($985,000), equipment for the Picayune Strand-Merritt Pump Station, C-43 Reservoir Project ($173,100), and Survey Services ($125,000).

3.3 Facilities - The operation and maintenance of District support and administrative facilities.

District Description

The operation and maintenance of District support and administrative facilities. 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 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
3.3 - Facilities

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 752,522	$ 749,686	$ 791,687	$ 620,944	$ 698,971	$ 78,027	12.6%
Other Personal Services	$ 1,800	$ 32,617	$ 38,632	$ 96,000	$ -	$ (96,000)	-100.0%
Contracted Services	$ 64,920	$ 116,897	$ 164,643	$ 73,200	$ 73,200	$ -	0.0%
Operating Expenses	$ 3,153,280	$ 3,045,988	$ 3,561,902	$ 3,143,680	$ 3,249,718	$ 106,038	3.4%
Operating Capital Outlay	$ 29,898	$ 26,768	$ 58,552	$ -	$ 1,800	$ 1,800	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ 3,500	$ 3,500	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 4,002,420	$ 3,971,956	$ 4,615,416	$ 3,933,824	$ 4,027,189	$ 93,365	2.4%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 4,027,189	$ -	$ -	$ -	$ -	$ -	$ 4,027,189

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 698,971	$ -	$ 698,971
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ 73,200	$ -	$ 73,200
Operating Expenses		$ 3,249,718	$ -	$ 3,249,718
Operating Capital Outlay		$ 1,800	$ -	$ 1,800
Fixed Capital Outlay		$ 3,500	$ -	$ 3,500
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 4,027,189	$ -	$ 4,027,189

Changes and Trends

This activity represents a continued level of service over the five-year period.

Budget Variances

This activity has a 2.4 percent ($93,635) increase from the Fiscal Year 2018-19 Adopted Budget of $3.9 million. Increase is due to Salaries and Benefits increasing by 12.6 percent ($78,027) primarily due to an increase in medical insurance. Operating Expenses increased by 3.4 percent ($106,038) for additional maintenance. These increases are partially offset by a decrease in Other Personnel Services of 100.0 percent ($96,000) due to discontinuation of a maintenance contract.

Major Budget Items for this activity include the following:

- Salaries and Benefits ($698,971).
- Contracted Services:

- Preventative Maintenance & Operational Plan ($73,200) which includes:
  - Reconfiguration and installation services ($73,200).

- Operating Expenses:
  - Preventative Maintenance & Operational Plan ($3.2 million) which includes:
    - Utilities ($959,355).
    - Electrical and general maintenance contractual services ($684,146).
    - Janitorial services and waste disposal services ($527,952).
    - Recurring facility maintenance, inspection, and utility expenses such as air conditioning maintenance, elevator maintenance and exterior grounds maintenance ($438,074).
    - Building lease payments for the service centers and warehouse storage ($177,850).

There are no items funded with Reserves in this activity.

3.4 Invasive Plant Control - The treatment of invasive upland and aquatic plants in District waterways or district-owned property, to improve water abatement, maintain navigability, improve water quality, or aid in the preservation, restoration, or protection of environmentally sensitive lands.

District Description

The treatment of invasive upland and aquatic plants in District waterways or District-owned property, to improve water abatement, maintain navigability, improve water quality, or aid in the preservation, restoration, or protection of environmentally sensitive lands. This activity manages invasive exotic and aquatic vegetation within Florida sovereign submerged lands (including lakes, rivers, and wetlands) and District properties including canals, lakes, and right-of-way's, 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 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
3.4 - Invasive Plant Control

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 4,235,987	$ 3,984,040	$ 3,359,224	$ 4,225,722	$ 3,826,794	$ (398,928)	-9.4%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 284,874	$ 427,224	$ 564,983	$ 336,500	$ 851,536	$ 515,036	153.1%
Operating Expenses	$ 16,534,650	$ 15,992,376	$ 16,442,832	$ 24,781,788	$ 23,352,101	$ (1,429,687)	-5.8%
Operating Capital Outlay	$ 52,783	$ -	$ 188,702	$ 98,000	$ 2,500	$ (95,500)	-97.4%
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ 421,766	$ 264,829	$ 302,510	$ 422,500	$ 422,500	$ -	0.0%
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 21,530,060	$ 20,668,469	$ 20,858,251	$ 29,864,510	$ 28,455,431	$ (1,409,079)	-4.7%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 14,220,718	$ 2,023,890	$ -	$ -	$ 9,606,762	$ 2,604,061	$ 28,455,431

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 3,826,794	$ -	$ 3,826,794
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ 851,536	$ -	$ 851,536
Operating Expenses		$ 22,259,112	$ 1,092,989	$ 23,352,101
Operating Capital Outlay		$ 2,500	$ -	$ 2,500
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ 422,500	$ -	$ 422,500
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 27,362,442	$ 1,092,989	$ 28,455,431

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 support the C&SF works invasive plant control have been increasingly re-directed to assist with the operations of the ECP Stormwater Treatment Areas, resulting in more outsourcing of invasive plant control activities. As more new works come online, there should be corresponding net increases in required vegetation management operations. The District has continued support 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.

Between Fiscal Year 2015-16 and Fiscal Year 2017-18 Operating Capital Outlay actual expenditures increased due to the Agency Vegetation Action Tracking and Reporting (AVATAR) Project that replaced the legacy WeedDaR application providing significant business efficiencies and automation of standard tasks. Contracted Services actual expenditures between Fiscal Year 2015-16 and Fiscal Year 2017-18 also increased as a result of new works coming online causing expenditures to increase along with the added vegetation management. Operating Expenses increased due to the Loxahatchee Refuge increased Intergovernmental Funding.

For the Fiscal Year 2019-20 Tentative Budget, the District is anticipating an additional $2 million in Federal funds from the U.S. Fish & Wildlife Service for the Loxahatchee Refuge. One of the major increases in funding in this activity is in Contracted Services which is a result of better aligning the budget expenditures to the appropriate expenditure category.

Budget Variances

This activity has a 4.7 percent ($1.4 million) decrease from the Fiscal Year 2018-19 Adopted Budget of $29.9 million. This is primarily due to a net increase of 153.1 percent ($515,036) in Contracted Services. The increases were offset by a 97.4 percent ($95,500) decrease in Operating Capital Outlay primarily due to the reduction in one-time equipment purchases as well as 5.8 percent ($1.4 million) in Operating Expenses due to better aligning the budget expenditures to the appropriate expenditure category. There is a continuation to use wetlands mitigation and lease revenues to support exotic plant control.

Major Budget Items for this activity include the following:

- Salaries and Benefits ($3.8 million).
- Contracted Services:
  - Biocontrol/ Exotic Plant Control ($711,536).
  - Aquatic Plant Control ($140,000).
- Operating Expenses:
  - Exotic Plant Control ($14.1 million), which includes:
    - The District anticipates $2.0 million from the U.S. Fish and Wildlife Service in federal funding for lygodium and melaleuca treatments within the Loxahatchee Refuge.
  - Aquatic Plant Control/ LTP STA O&M ($6.0 million).
  - Terrestrial Plant Control/ LTP STA O&M ($2.4 million).
  - Contracted Land Management Services ($389,000).
  - Exotic Animal Management ($371,500).

- Interagency Expenditures:
  - Biocontrol Exotic Plant ($300,000).
  - Aquatic Plant Control ($62,500).
  - Terrestrial Plant Control ($60,000).

Items funded with Reserves with restriction include Exotic / Aquatic plant control for Wetlands Mitigation and Florida Bay areas ($1,694,090).

Reserves without restrictions are used to fund Exotic / Aquatic plant control for 8.5 Square Mile ($200,000), C-111 ($89,800), Lakeside Ranch ($20,000) and Ten Mile Creek ($20,000).

3.5 Other Operation and Maintenance Activities - Operations and maintenance activities not categorized above, such as right-of-way management and other general maintenance activities.

District Description

Operations and maintenance activities not categorized above, such as right-of-way management and other general maintenance activities. 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-way's 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-way's occupancy permit. This protects the District's proprietary interest on canal and levee rights-of-way.

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 rights-of-way 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-way's 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 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
3.5 - Other Operation and Maintenance Activities

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 3,759,113	$ 3,362,299	$ 3,563,726	$ 4,165,250	$ 4,554,856	$ 389,606	9.4%
Other Personal Services	$ -	$ -	$ 831	$ 8,036	$ -	$ (8,036)	-100.0%
Contracted Services	$ 38,986	$ 38,476	$ 69,708	$ 258,189	$ 253,689	$ (4,500)	-1.7%
Operating Expenses	$ 433,018	$ 447,759	$ 496,099	$ 517,283	$ 542,399	$ 25,116	4.9%
Operating Capital Outlay	$ 46,624	$ 116,596	$ 135,772	$ 95,600	$ 113,100	$ 17,500	18.3%
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ 12,402	$ 12,402	-
Interagency Expenditures (Cooperative Funding)	$ 18,841	$ 7,914	$ 7,583	$ 55,382	$ 26,500	$ (28,882)	-52.2%
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 4,296,582	$ 3,973,044	$ 4,273,719	$ 5,099,740	$ 5,502,946	$ 403,206	7.9%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 5,494,946	$ 8,000	$ -	$ -	$ -	$ -	$ 5,502,946

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 4,554,856	$ -	$ 4,554,856
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ 94,937	$ 158,752	$ 253,689
Operating Expenses		$ 528,383	$ 14,016	$ 542,399
Operating Capital Outlay		$ 113,100	$ -	$ 113,100
Fixed Capital Outlay		$ 12,402	$ -	$ 12,402
Interagency Expenditures (Cooperative Funding)		$ 26,500	$ -	$ 26,500
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 5,330,178	$ 172,768	$ 5,502,946

Changes and Trends

Over the past few years, this activity has increased due to new infrastructure coming online. Overall in the Fiscal Year 2019-20 Tentative Budget, this activity represents a continued level of service over the five-year period.

Budget Variances

This activity has an overall 7.9 percent ($403,206) increase from the Fiscal Year 2018-19 Adopted Budget of $5.1 million. This activity has a 52.2 percent ($28,882) overall decrease in Interagency Expenditures due to compliance monitoring contract for new works projects ending, and a 9.4 percent ($389,606) increase in Salaries and Benefits due to an estimated increase in wages and medical insurance. There is also an 18.3 percent ($17,500) increase in Operating Capital Outlay for water quality equipment replacement. Increases are partially offset by a 1.7 percent ($4,500) decrease in Contracted Services for fish sampling.

Major Budget Items for this activity include the following:

- Salaries and Benefits ($4.6 million).
- Contracted Services:
  - Permitting ($172,252) which includes:
    - Right of way permitting support ($153,752).
- Operating Expenses:
  - Security Management ($386,215) which includes
    - Security Services and Equipment ($386,215).
  - Long Term Plan Stormwater Treatment Area Operations & Maintenance – Compliance ($132,840) which includes:
    - Laboratory tools and activities ($132,840).
- Operating Capital Outlay:
  - Long Term Plan Stormwater Treatment Area Operations & Maintenance – Compliance ($103,600) which includes:
    - Replacement of laboratory equipment ($103,600).
  - Security Management ($9,500) which includes:
    - Security Equipment
- Interagency Expenditures:

- Long Term Plan Stormwater Treatment Area Operations & Maintenance – Compliance ($26,500) which includes:
    - Fish collection and laboratory services ($26,500).

There are no items funded with Reserves in this activity.

IV. PROGRAM ALLOCATIONS

3.6 Fleet Services - This activity includes fleet services support to all District programs and projects.

District Description

This activity includes fleet services support to all District programs and projects. 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 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
3.6 - Fleet Services

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 2,046,280	$ 2,529,553	$ 2,965,381	$ 2,933,629	$ 2,931,174	$ (2,455)	-0.1%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 162	$ -	$ -	$ -	$ -	$ -	-
Operating Expenses	$ 3,363,250	$ 3,657,055	$ 4,147,860	$ 5,011,447	$ 5,286,892	$ 275,445	5.5%
Operating Capital Outlay	$ 49,802	$ 183,530	$ 15,073	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 5,459,494	$ 6,370,138	$ 7,128,314	$ 7,945,076	$ 8,218,066	$ 272,990	3.4%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 8,218,066	$ -	$ -	$ -	$ -	$ -	$ 8,218,066

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 2,931,174	$ -	$ 2,931,174
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ -	$ -	$ -
Operating Expenses		$ 5,286,892	$ -	$ 5,286,892
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 8,218,066	$ -	$ 8,218,066

Changes and Trends

The Fiscal Year 2019-20 Tentative Budget represents a continued level of service budget with a net increase of $272,990 from the Fiscal Year 2018-19 Adopted Budget. The additional funding in the Fiscal Year 2018-19 Tentative Budget is for the overall operation of the Districts Fleet. Over the past few years, the District has worked to more accurately capture our expenditures in Fleet Services. In Fiscal Year 2015-16 Budget, the District created new functional areas along with the re-allocation of Salaries and Benefits and operational funds to fleet maintenance to support the historical expenditure trends of our aging fleet. The past five years reflects the consolidation of a previously decentralized spending pattern providing a better financial trend for evaluation.

Budget Variances

This activity has a 3.4 percent ($272,990) increase from the Fiscal Year 2018-19 Adopted Budget of $7.9 million. This increase is primarily due to a 5.5 percent ($275,445) increase in Operating Expenses for fuel and fleet parts and supplies.

IV. PROGRAM ALLOCATIONS

Major Budget Items for this activity include the following:

- Salaries and Benefits ($2.9 million).
- Operating Expenses:
  - Aquatic Plan Control – Fleet ($428,232) which includes:
    - Fleet vehicle fuel ($221,454)
  - Automotive - Departments Outside O&M ($971,665) which includes:
    - Fleet vehicle fuel ($388,721)
    - Fleet parts and supplies ($366,000)
  - Land Stewardship Equipment & Infrastructure Maintenance – Fleet ($341,764) which includes:
    - Fleet vehicle fuel ($127,731)
    - Fleet parts and supplies ($135,096)
  - Levee Management Fleet – ($1,158,767) which includes:
    - Fleet vehicle fuel ($700,036)
    - Fleet parts and supplies ($298,172)
  - Pumping Operations Fleet – ($418,200) which includes:
    - Fleet vehicle fuel ($170,027)
    - Fleet parts and supplies ($66,254)
  - Structure Maintenance Fleet – ($652,436) which includes:
    - Fleet vehicle fuel ($340,649)
    - Fleet parts and supplies ($196,934)
  - Telemetry Maintenance ($326,219)
    - Fleet vehicle fuel ($178,464)
    - Fleet parts and supplies ($147,755)

There are no items funded with Reserves in this activity.

3.7 Technology and Information Services - 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 associated with this Program and related activities.

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 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
3.7 - Technology and Information Services

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 5,573,905	$ 5,223,447	$ 4,994,626	$ 5,587,138	$ 5,357,143	$ (229,995)	-4.1%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 688,293	$ 868,672	$ 748,693	$ 676,659	$ 746,990	$ 70,331	10.4%
Operating Expenses	$ 3,090,784	$ 2,639,629	$ 3,715,248	$ 3,772,653	$ 3,694,473	$ (78,180)	-2.1%
Operating Capital Outlay	$ 486,930	$ 402,830	$ 469,689	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 9,839,912	$ 9,134,578	$ 9,928,256	$ 10,036,450	$ 9,798,606	$ (237,844)	-2.4%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 9,798,606	$ -	$ -	$ -	$ -	$ -	$ 9,798,606

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 5,357,143	$ -	$ 5,357,143
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ 746,990	$ -	$ 746,990
Operating Expenses		$ 3,694,473	$ -	$ 3,694,473
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 9,798,606	$ -	$ 9,798,606

Changes and Trends

The Fiscal Year 2019-20 Tentative Budget represents a continued level of service with a net decrease of $237,844.

Budget Variances

This activity has a 2.4 percent ($237,844) decrease from the Fiscal Year 2018-19 Adopted Budget of $10.0 million due to a 4.1 percent ($229,995) decrease in Salaries and Benefits. This decrease is offset with a 10.4 percent ($70,331) increase in Contracted Services due to an increase in enterprise consulting services and a 2.1 percent ($78,180) decrease in Operating Expenses due to the SCADA System Replacement project initial software purchase.

IV. PROGRAM ALLOCATIONS

Major Budget Items for this activity include the following:

- Salaries and Benefits ($5.4 million).
- Contracted Services:
  - O&M IT Support ($746,990) which includes:
    - Computer consulting services for enterprise resource support and IT security. ($556,010)
    - Copier/printer lease ($162,480).
- Operating Expenses:
  - O&M IT Support ($3.7 million) which includes:
    - Software maintenance ($2.5 million).
    - Desktop computer / monitor replacements ($544,000).
    - Communication service ($350,344).
    - Hardware maintenance ($215,099).

There are no items funded with Reserves in this activity.

IV. PROGRAM 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.

District Description

This program includes all permitting functions of the District, including water use permitting, water well construction permitting and well contractor licensing and environmental resource permitting. These activities are designed to ensure that water and related natural resources in the District are protected and conserved. Also included are permit compliance and enforcement activities, administration of water shortage rules and other activities necessary to support the District's regulatory responsibilities.

Water Use staff are actively participating on the CFWI Regulatory Team and the ongoing rule development process led by DEP. Staff reviews draft rules, provides input and attends the publicly noticed workshops.

Water Use Bureau staff established a Public Water Supply Task Force where client relationship managers have been assigned to utilities in various geographic areas. These employees continue 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.

The on-going Environmental Resource and Surface Water Permitting 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 works, including the activities listed above, are all ongoing efforts.

IV. PROGRAM ALLOCATIONS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

TENTATIVE BUDGET - Fiscal Year 2019-20

4.0 Regulation

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 18,353,747	$ 16,128,986	$ 15,544,887	$ 16,172,802	$ 15,999,349	$ (173,453)	-1.1%
Other Personal Services	$ 66,093	$ 71,995	$ 70,200	$ 63,125	$ 63,125	$ -	0.0%
Contracted Services	$ 501,633	$ 396,501	$ 261,606	$ 585,670	$ 549,070	$ (36,600)	-6.2%
Operating Expenses	$ 1,417,979	$ 1,187,218	$ 1,444,963	$ 5,246,277	$ 5,156,302	$ (89,975)	-1.7%
Operating Capital Outlay	$ 12,870	$ 60,649	$ 97,645	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ 6,000	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 20,358,322	$ 17,845,349	$ 17,419,301	$ 22,067,874	$ 21,767,846	$ (300,028)	-1.4%

SOURCE OF FUNDS

Fiscal Year 2019-20

	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Salaries and Benefits	$ 15,999,349	$ -	$ -	$ -	$ -	$ -	$ 15,999,349
Other Personal Services	$ 63,125	$ -	$ -	$ -	$ -	$ -	$ 63,125
Contracted Services	$ 276,870	$ 272,200	$ -	$ -	$ -	$ -	$ 549,070
Operating Expenses	$ 5,156,302	$ -	$ -	$ -	$ -	$ -	$ 5,156,302
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Debt	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL	$ 21,495,646	$ 272,200	$ -	$ -	$ -	$ -	$ 21,767,846

RATE, OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Workforce	Rate (Salary without benefits)	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	164	$ 10,998,884	$ 15,999,349	$ -	$ 15,999,349
Other Personal Services	2	$ 63,125	$ 63,125	$ -	$ 63,125
Contracted Services	-	$ -	$ 262,700	$ 286,370	$ 549,070
Operating Expenses			$ 1,281,372	$ 3,874,930	$ 5,156,302
Operating Capital Outlay			$ -	$ -	$ -
Fixed Capital Outlay			$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)			$ -	$ -	$ -
Debt			$ -	$ -	$ -
Reserves - Emergency Response			$ -	$ -	$ -
TOTAL			$ 17,606,546	$ 4,161,300	$ 21,767,846

WORKFORCE

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

WORKFORCE CATEGORY	Fiscal Year					Adopted to Tentative 2018-19 to 2019-20	
	2015-16	2016-17	2017-18	2018-19	2019-20	Difference	% Change
Authorized Positions	209	191	188	164	164	-	0.0%
Contingent Worker	0	0	0	0	0	-	-
Other Personal Services	2	2	2	2	2	-	0.0%
Intern	0	0	0	0	0	-	-
Volunteer	0	0	0	0	0	-	-
TOTAL WORKFORCE	211	193	190	166	166	-	0.0%

IV. PROGRAM ALLOCATIONS

South Florida Water Management District

REDUCTIONS - NEW ISSUES

4.0 Regulation

Fiscal Year 2019-20

Tentative Budget - August 1, 2019

	FY 2018-19 Budget (Adopted)		**164**	**22,067,874**	
	Reductions				
Issue	Description	Issue Amount	Workforce	Category Subtotal	Issue Narrative
Salaries and Benefits				(173,453)	The decrease shown is due to a reduction of Salaries and Benefits in the Regulatory Activities due to hiring efficiencies.
1	Decrease in Total Salaries and Wages	(56,706)			
2	Decrease in Total Fringe Benefits	(116,747)			
Other Personal Services				-	
Contracted Services				(60,600)	
3	Decrease in Regulation IT Support	(60,600)			The decrease shown in Contracted Services is due to the reduction of IT Consulting Services in support of the Regulation Permitting Database Project
Operating Expenses				(89,975)	
4	Decrease in Environmental Resource Permitting	(89,975)			The decreases shown in Operating Expenses are primarily due to a re-allocation of flight operation service costs between programs
Operating Capital Outlay				-	
Fixed Capital Outlay				-	
Interagency Expenditures (Cooperative Funding)				-	
Debt				-	
Reserves				-	
	TOTAL REDUCTIONS		**-**	(324,028)	

IV. PROGRAM ALLOCATIONS

South Florida Water Management District

REDUCTIONS - NEW ISSUES

4.0 Regulation

Fiscal Year 2019-20

Tentative Budget - August 1, 2019

New Issues					
Issue	Description	Issue Amount	Workforce	Category Subtotal	
Salaries and Benefits				-	
Other Personal Services				-	
Contracted Services				24,000	
1	Increase in Environmental Resource Permitting	24,000			The increase shown is directly related to an increase in contracted pilot services
Operating Expenses				-	
Operating Capital Outlay				-	
Fixed Capital Outlay				-	
Interagency Expenditures (Cooperative Funding)				-	
Debt				-	
Reserves				-	
		TOTAL NEW ISSUES	0	24,000	
4.0 Regulation					
Total Workforce and Tentative Budget for FY 2019-20			164	$ 21,767,846	

IV. PROGRAM ALLOCATIONS

Changes and Trends

The decrease in Salaries and Benefits between Fiscal Year 2015-16 to Fiscal Year 2017-18 is due to the reduction of the number of FTEs by 7.8 percent in the Consumptive Use Permitting Activity and the reduction of the number of FTEs by 9.4 percent in the Environmental Resource and Surface Water Permitting Activity, while maintaining the level of service. Also starting in Fiscal Year 2018-19 the decision was made to move the Southern and Northern Everglades Nutrient Source Control Program that was previously included in Activity 4.4 (Other Regulatory Enforcement Activities) to Activity 1.2 (Research, Data Collection, Analysis and Monitoring) and Activity 2.3 (Surface Water Projects), based on a reevaluation of the activities, their purpose, and amendments to associated statutory mandates.

The activities that were moved to Activity 2.3 are SFWMD-specific programs rather than the state-wide delegated programs. They are associated with restoration and protection efforts under the Everglades Forever Act and Restoration Strategies mandated to meet water quality standards in the Southern Everglades.

The activities that were moved to Activity 2.1 were moved as a result of changes in Florida Statutes, the Northern Everglades and Estuaries Protection Program (NEEPP), that relinquished specific regulatory responsibilities to FDACS, leaving SFWMD with activities that support water management planning, restoration and preservation efforts, including monitoring and data evaluation.

The proposed funding level supports the review of 475 water use permit applications and numerous compliance investigations per quarter.

The proposed funding level supports the review of an average of 600 environmental and surface water permit applications and numerous compliance investigations per quarter, and staying current with construction certifications.

In the Fiscal Year 2018-19 Adopted Budget, this program illustrated an increase in Operating Expenses due to the way our actual insurance expenditures post through payroll. Postings are based on where staff charges versus where staff is budgeted, coupled with budgeting the Districts full insurance exposure.

Budget Variances

The program has a 1.4 percent ($300,028) decrease from the Fiscal Year 2018-19 Adopted Budget of $22.1 million. The overall decrease is attributable to decrease in Salaries and Benefits ($173,453) and Operating Expenses ($89,975) is associated with a re-allocation of flight operation services costs between programs. The overall decrease in Contracted Services ($36,600) is due to a decrease in funding for the Regulation software upgrade to the e-Permitting system.

Major Budget Items for this program include the following:

- Salaries and Benefits ($16.0 million) (164 FTEs).
- Other Personal Services:
  - Water Use Permitting contractor support for the permit administration effort ($24,000).

- Environmental Resource Permitting contract support for permit application processing ($39,125)

- Contracted Services
  - Water Use Permitting for publishing legal notice of receipt of application for individual consumptive use permits ($29,850).
  - Environmental Resource Permitting ($75,900), which includes:
    - Contract Pilot Services ($48,000).
    - Contract support for ePermitting scanning ($19,750).
  - Regulation IT Support ($420,405), which includes:
    - Computer consulting services ($376,400), includes the Regulation Software Upgrade for the ePermitting System.
    - Copier/printer leases ($44,005).

- Operating Expenses:
  - Environmental Resource Permitting ($275,795), which includes:
    - Aircraft fuel and annual maintenance costs for routine compliance flights for staff to do aerial inspections to determine the start of construction to permitted sites, monitor the construction of surface water management systems, and locate any sites that are doing work without the appropriate permits in place. Wetland and natural preserve areas are also inspected to detect if any changes or impacts have occurred ($192,571).
    - Credit Card Processing and County Recording Fees for permit application payment ($34,000).
  - Regulation Program Support for self-insurance programs (comprised of health insurance, workers compensation, property insurance, general liability) ($3.9 million).
  - Regulation IT Support ($957,022), which includes:
    - Software maintenance ($764,881).
    - Hardware maintenance ($58,257).
    - Communication Services ($94,884).

IV. PROGRAM ALLOCATIONS

4.1 Consumptive Use Permitting - The review, issuance, renewal, and enforcement of water use permits.

District Description

The review, issuance, renewal, and enforcement of water use permits. 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, 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 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
4.1 - Consumptive Use Permitting

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 5,399,437	$ 4,567,074	$ 4,262,793	$ 5,165,169	$ 5,216,572	$ 51,403	1.0%
Other Personal Services	$ 30,470	$ 24,000	$ 34,965	$ 24,000	$ 24,000	$ -	0.0%
Contracted Services	$ 11,469	$ 27,050	$ 25,903	$ 29,850	$ 29,850	$ -	0.0%
Operating Expenses	$ 18,759	$ 2,597	$ 1,017	$ 3,960	$ 3,960	$ -	0.0%
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 5,460,135	$ 4,620,721	$ 4,324,678	$ 5,222,979	$ 5,274,382	$ 51,403	1.0%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 5,274,382	$ -	$ -	$ -	$ -	$ -	$ 5,274,382

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 5,216,572	$ -	$ 5,216,572
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		$ -	$ -	$ -
TOTAL		$ 5,274,382	$ -	$ 5,274,382

Changes and Trends

The decrease in Salaries and Benefits between Fiscal Year 2015-16 to Fiscal Year 2017-18 is due to the reduction of the number of FTEs by 7.8 percent while maintaining the level of service for Consumptive Use Permitting. This activity represents a continued level of service consistent with Fiscal Year 2018-19. The proposed funding level supports the review of 475 permit applications and numerous compliance investigations per quarter. 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 because of this on-going effort.

Water Use staff are actively participating on the CFWI Regulatory Team and the ongoing rule development process led by DEP. Staff reviews draft rules, provides input and attends the publicly noticed workshops.

Budget Variances

This activity has a 1.0 percent ($51,403) increase from the Fiscal Year 2018-19 Adopted Budget of $5.2 million due to a slight increase in Salaries and Benefits.

Major Budget Items for this activity include the following:

- Salaries and Benefits ($5.2 million).
- Other Personal Services:
  - Water Use Permitting contractor support for the permit administration effort ($24,000).
- Contracted Services:
  - Water Use Permitting for publishing legal notice of receipt of application for individual consumptive use permits ($29,850).

There are no items funded with Reserves.

4.2 Water Well Construction Permitting and Contractor License - The review, issuance, renewal, and enforcement of water well construction permits and regulation of contractor licensing.

District Description

There is no funding for this activity, however, there is authority in consumptive use permitting for these activities not delegated to other agencies. Well Construction Permits ensure that wells are built by licensed water well contractors and conform to water well construction permit standards. Unless exempt, a well construction permit must be obtained from the District or an agency delegated by the District prior to the construction, repair, modification or abandonment of any water well, test well or monitor well within the District's jurisdiction. A consumptive use permit may be required before the well construction permit can be issued. The District regulates the location, construction, repair, and abandonment of water wells in Monroe and Charlotte Counties, and for wells larger than 12 inches in diameter in Broward County. The District has delegated the location construction, repair, and abandonment of water wells in its remaining counties to their respective health departments or other delegated agencies. The dates when these agreements were signed between the District and the Health Departments are listed in Chapter 40E-3 and provided below.

- Hendry and Osceola – April 18, 2005
- Collier, Glades, Orange, Palm Beach, Polk – May 11, 2005
- Broward – June 8, 2005
- Miami-Dade – June 10, 2005
- City of Cape Coral – August 10, 2005
- Lee – September 13, 2005
- Highlands, Okeechobee, Martin, St. Lucie – May 13, 2010

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
4.2 - Water Well Construction Permitting and Contractor Licensing

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ -	$ -	$ -	$ -	$ -	$ -	-
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Expenses	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ -	$ -	$ -	$ -	$ -	$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ -	$ -	$ -	$ -	$ -	$ -	$ -

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		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		$ -	$ -	$ -
TOTAL		$ -	$ -	$ -

No funding has been budgeted to the activity for the last five years.

4.3 Environmental Resource and Surface Water Permitting - The review, issuance, and enforcement of environmental resource and surface water permits.

District Description

This state-mandated activity involves the review, issuance, compliance, and enforcement of Environmental Resource Permits (ERP). 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, site certifications, coastal zone consistency reviews, and automation support. 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 works, including the activities listed above, are all ongoing efforts.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
4.3 - Environmental Resource and Surface Water Permitting

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 8,492,400	$ 7,845,793	$ 7,363,857	$ 8,479,233	$ 8,385,544	$ (93,689)	-1.1%
Other Personal Services	$ 35,623	$ 39,959	$ 27,199	$ 39,125	$ 39,125	$ -	0.0%
Contracted Services	$ 129,714	$ 17,415	$ 8,040	$ 51,900	$ 75,900	$ 24,000	46.2%
Operating Expenses	$ 388,462	$ 235,605	$ 391,301	$ 365,770	$ 275,795	$ (89,975)	-24.6%
Operating Capital Outlay	$ -	$ 50,000	$ 97,645	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 9,046,199	$ 8,188,772	$ 7,888,042	$ 8,936,028	$ 8,776,364	$ (159,664)	-1.8%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 8,776,364	$ -	$ -	$ -	$ -	$ -	$ 8,776,364

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 8,385,544	$ -	$ 8,385,544
Other Personal Services		$ 39,125	$ -	$ 39,125
Contracted Services		$ 75,900	$ -	$ 75,900
Operating Expenses		$ 275,795	$ -	$ 275,795
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 8,776,364	$ -	$ 8,776,364

Changes and Trends

The decrease in Salaries and Benefits between Fiscal Year 2015-16 to Fiscal Year 2017-18 is due to the reduction of the number of FTEs by 9.4 percent while maintaining the level of service for Environmental Resource Permitting. This activity represents a continued level of service consistent with Fiscal Year 2018-19. The proposed funding level supports the review of an

average of 600 permit applications and numerous compliance investigations per quarter, and staying current with construction certification.

Budget Variances

This activity has a 1.8 percent ($159,664) decrease from the Fiscal Year 2018-19 Adopted Budget of $8.9 million and is primarily due to a 1.1 percent ($93,689) decrease in Salaries and Benefits. There is also a 24.6 percent ($89,975) decrease in Operating Expenses which is associated with a re-allocation of flight operation service costs between programs. These figures were offset by a 46.2 percent ($24,000) increase in Contracted Services for contract pilot services.

Major Budget Items for this activity include the following:

- Salaries and Benefits ($8.4 million).
- Operating Expenses:
    - Environmental Resource Permitting ($275,795), which includes:
        - Aircraft fuel and annual maintenance costs for routine compliance flights for staff to do aerial inspections to determine the start of construction to permitted sites, monitor the construction of surface water management systems, and locate any sites that are doing work without the appropriate permits in place. Wetland and natural preserve areas are also inspected to detect if any changes or impacts have occurred ($192,571).
        - Credit Card Processing and County Recording Fees for permit application payment ($34,000).
- Other Personal Services
    - Environmental Resource Permitting contract support for application processing ($39,125).
- Contracted Services
    - Environmental Resource Permitting ($75,900), which includes:
        - Contract Pilot Services ($48,000).
        - Contract support for ePermitting scanning ($19,750).

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

4.4 Other Regulatory and Enforcement Activities - Regulatory and enforcement activities not otherwise categorized above.

District Description

This category is intended to include other District regulatory programs and activities not otherwise described in Activities 4.1 through 4.3, which is the overall management and administrative support for all regulation activities described under Program 4.0.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
4.4 - Other Regulatory and Enforcement Activities

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 3,068,613	$ 2,450,779	$ 2,310,445	$ 841,118	$ 608,453	$ (232,665)	-27.7%
Other Personal Services	$ -	$ 8,036	$ 8,036	$ -	$ -	$ -	-
Contracted Services	$ 153,456	$ 173,174	$ 99,371	$ 22,915	$ 22,915	$ -	0.0%
Operating Expenses	$ 86,219	$ 76,601	$ 78,297	$ 3,919,525	$ 3,919,525	$ -	0.0%
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ 6,000	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 3,314,288	$ 2,708,590	$ 2,496,149	$ 4,783,558	$ 4,550,893	$ (232,665)	-4.9%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 4,550,893	$ -	$ -	$ -	$ -	$ -	$ 4,550,893

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 608,453	$ -	$ 608,453
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ 8,745	$ 14,170	$ 22,915
Operating Expenses		$ 44,595	$ 3,874,930	$ 3,919,525
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 661,793	$ 3,889,100	$ 4,550,893

Changes and Trends

In the Fiscal Year 2018-19 Adopted Budget, this program illustrated an increase in Operating Expenses due to the way our actual insurance expenditures post through payroll. Postings are based on where staff charges versus where staff is budgeted, coupled with budgeting the Districts' full insurance exposure. The decrease in Salaries and Benefits between Fiscal Year 2015-16 to Fiscal Year 2017-18 is due to the reduction of the number of FTEs by 85.7 percent. Starting in Fiscal Year 2017-18 the decision was made to move the Southern and Northern Everglades Nutrient Source Control Program that was previously included in this activity to Activity1.2 (Research, Data Collection, Analysis and Monitoring) and Activity 2.3 (Surface Water Projects), based on a reevaluation of the activities, their purpose, and amendments to associated statutory mandates resulting in a reduction of Salaries and Benefits and Contracted Services.

The activities that were moved to Activity 2.3 are SFWMD-specific programs rather than the state-wide delegated programs. They are associated with restoration and protection efforts under the Everglades Forever Act and Restoration Strategies mandated to meet water quality standards in the Southern Everglades.

The activities that were moved to Activity 2.1 were moved as a result of changes in Florida Statutes, the Northern Everglades and Estuaries Protection Program (NEEPP), that relinquished specific regulatory responsibilities to FDACS, leaving SFWMD with activities that support water management planning, restoration and preservation efforts, including monitoring and data evaluation.

This activity is primarily the overall management and administrative support for all regulation activities described under category 4.0.

Budget Variances

This activity has a 4.9 percent ($232,665) decrease from the Fiscal Year 2018-19 Adopted Budget of $4.8 million and is due to a 27.7 percent ($232,665) decrease in Salaries and Benefits due to staff time re-allocation to various other program activities.

Major Budget Items for this activity are included in the following:

- Salaries and Benefits ($608,453).
- Operating Expenses:
    - Regulation Program Support for self-insurance programs (comprised of health insurance, workers compensation, property insurance, general liability) ($3.9 million).

There are no items funded with Reserves.

4.5 Technology and Information Services - 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 associated with this Program and related activities.

District Description

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 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
4.5 - Technology and Information Services

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 1,393,297	$ 1,265,340	$ 1,607,792	$ 1,687,282	$ 1,788,780	$ 101,498	6.0%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 206,994	$ 178,862	$ 128,292	$ 481,005	$ 420,405	$ (60,600)	-12.6%
Operating Expenses	$ 924,539	$ 872,415	$ 974,348	$ 957,022	$ 957,022	$ -	0.0%
Operating Capital Outlay	$ 12,870	$ 10,649	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 2,537,700	$ 2,327,266	$ 2,710,432	$ 3,125,309	$ 3,166,207	$ 40,898	1.3%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 2,894,007	$ 272,200	$ -	$ -	$ -	$ -	$ 3,166,207

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 1,788,780	$ -	$ 1,788,780
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ 148,205	$ 272,200	$ 420,405
Operating Expenses		$ 957,022	$ -	$ 957,022
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 2,894,007	$ 272,200	$ 3,166,207

Changes and Trends

This sub-activity represents a continued level of service over the past five years.

Budget Variances

This activity has a 1.3 percent ($40,898) increase from the Fiscal Year 2018-19 Adopted Budget of $3.1 million primarily due to a 6.0 percent increase ($101,498) in Salaries and Benefits. There is also a 12.6 percent ($60,600) decrease in Contracted Services for the funding of the Regulation software upgrade to the ePermitting System.

Major Budget Items for this activity include the following:

- Salaries and Benefits ($1.8 million).

IV. PROGRAM ALLOCATIONS

- Contracted Services:
  - Regulation IT Support ($420,405), which includes:
    - Computer consulting services ($376,400), includes the Regulation Software Upgrade for the ePermitting System.
    - Copier/printer leases ($44,005).
- Operating Expenses:
  - Regulation IT Support ($957,022), which includes:
    - Software Maintenance ($764,881).
    - Hardware Maintenance ($58,257).
    - Communication Services ($94,884).

The Regulation Software Upgrade for the ePermitting System is funded with Reserves.

IV. PROGRAM ALLOCATIONS

5.0 Outreach

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

District Description

This program provides clear concise and consistent information regarding District mission structure, functions, programs, project and other operational aspects. Environmental activities designed to reach broad audiences in an effort to provide increased awareness of flood control and water management resources issues and other roles / responsibilities of the District among the more than 8 million residents in South Florida. 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.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

TENTATIVE BUDGET - Fiscal Year 2019-20

5.0 Outreach

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 1,181,394	$ 1,026,861	$ 1,026,634	$ 1,052,735	$ 1,002,554	$ (50,181)	-4.8%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 35,109	$ 34,144	$ 4,162	$ 43,730	$ 37,730	$ (6,000)	-13.7%
Operating Expenses	$ 47,509	$ 49,339	$ 38,320	$ 28,990	$ 34,990	$ 6,000	20.7%
Operating Capital Outlay	$ -	$ 5,898	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 1,264,012	$ 1,116,242	$ 1,069,116	$ 1,125,455	$ 1,075,274	$ (50,181)	-4.5%

SOURCE OF FUNDS

Fiscal Year 2019-20

	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Salaries and Benefits	$ 1,002,554	$ -	$ -	$ -	$ -	$ -	$ 1,002,554
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Contracted Services	$ 37,730	$ -	$ -	$ -	$ -	$ -	$ 37,730
Operating Expenses	$ 34,990	$ -	$ -	$ -	$ -	$ -	$ 34,990
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Debt	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL	$ 1,075,274	$ -	$ -	$ -	$ -	$ -	$ 1,075,274

RATE, OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Workforce	Rate (Salary without benefits)	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	9	$ 695,075	$ 1,002,554	$ -	$ 1,002,554
Other Personal Services	-	$ -	$ -	$ -	$ -
Contracted Services	-	$ -	$ 37,730	$ -	$ 37,730
Operating Expenses			$ 34,990	$ -	$ 34,990
Operating Capital Outlay			$ -	$ -	$ -
Fixed Capital Outlay			$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)			$ -	$ -	$ -
Debt			$ -	$ -	$ -
Reserves - Emergency Response			$ -	$ -	$ -
TOTAL			$ 1,075,274	$ -	$ 1,075,274

WORKFORCE

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

WORKFORCE CATEGORY	Fiscal Year					Adopted to Tentative 2018-19 to 2019-20	
	2015-16	2016-17	2017-18	2018-19	2019-20	Difference	% Change
Authorized Positions	21	10	9	9	9	-	0.0%
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	21	10	9	9	9	-	0.0%

IV. PROGRAM ALLOCATIONS

South Florida Water Management District

REDUCTIONS - NEW ISSUES

5.0 Outreach

Fiscal Year 2019-20

Tentative Budget - August 1, 2019

	FY 2018-19 Budget (Adopted)		**9**	**1,125,455**	
	Reductions				
Issue	Description	Issue Amount	Workforce	Category Subtotal	Issue Narrative
Salaries and Benefits				(50,181)	The decrease shown is due to a reduction of Salaries and Benefits in the Public Information Activity due to hiring efficiencies.
1	Decrease in Total Salaries and Wages	(45,258)			
2	Decrease in Total Fringe Benefits	(4,923)			
Other Personal Services				-	
Contracted Services				(6,000)	
3	Decrease in Public Information	(6,000)			The reduction shown is a result of Video Services being moved from Contracted Services to Video Equipment in Operating Expenses
Operating Expenses				-	
Operating Capital Outlay				-	
Fixed Capital Outlay				-	
Interagency Expenditures (Cooperative Funding)				-	
Debt				-	
Reserves				-	
		TOTAL REDUCTIONS	**-**	(56,181)	

IV. PROGRAM ALLOCATIONS

South Florida Water Management District

REDUCTIONS - NEW ISSUES

5.0 Outreach

Fiscal Year 2019-20

Tentative Budget - August 1, 2019

New Issues					
Issue	Description	Issue Amount	Workforce	Category Subtotal	
Salaries and Benefits			-	-	
Other Personal Services				-	
Contracted Services				-	
Operating Expenses				6,000	
1	Increase in Public Information	6,000			The increase shown is due to Video Services being moved from Contracted Services to Video Equipment in Operating Expenses
Operating Capital Outlay				-	
Fixed Capital Outlay				-	
Interagency Expenditures (Cooperative Funding)				-	
Debt				-	
Reserves				-	
		TOTAL NEW ISSUES	0	6,000	
5.0 Outreach Total Workforce and Tentative Budget for FY 2019-20			9	$ 1,075,274	

IV. PROGRAM ALLOCATIONS

Changes and Trends

The decrease in Contracted Services between Fiscal Year 2015-16 to Fiscal Year 2017-18 is due to a contractual agreement for federal legislative services administered through the DEP not being executed in Fiscal Year 2017-18. However, the position is currently funded in Fiscal Year 2018-19 and Fiscal Year 2019-20. Over the past few years, 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 consistent with Fiscal Year 2018-19.

Budget Variances

This Program has a 4.5 percent ($50,181) decrease from the Fiscal Year 2018-19 Adopted Budget of $1.1 million solely due to a decrease in Salaries and Benefits as a result of hiring efficiencies. Increases in Operating Expenses are fully offset by decreases in Contracted Services for media related equipment and services.

Major Budget Items for this program include the following:

- Salaries and Benefits ($1.0 million) (9 FTEs).
- Contracted Services:
  - Lobby/Legislative Affairs for the District's share of a contractual agreement for federal legislative services administered through the Florida Department of Environmental Protection ($27,000).
  - Public Information for media related services ($10,730).
- Operating Expenses:
  - Public Information ($30,490), which includes:
    - Media related equipment and services ($21,720).

IV. PROGRAM ALLOCATIONS

5.1 Water Resource Education - Water Management District activities and media publications that present factual information on the nature, use, and management of water resources (including water supply and demand management). This program also includes teacher education and training activities.

District Description

Water management District activities and media publications that present factual information on the nature, use, and management of water resources (including water supply and demand management). This program also includes teacher education and training activities.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

TENTATIVE BUDGET - Fiscal Year 2019-20

5.1 - Water Resource Education

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ -	$ -	$ -	$ -	$ -	$ -	-
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Expenses	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ -	$ -	$ -	$ -	$ -	$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ -	$ -	$ -	$ -	$ -	$ -	$ -

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

		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		$ -	$ -	$ -
TOTAL		$ -	$ -	$ -

No funding has been budgeted to the activity for the last five years.

5.2 Public Information - All public notices regarding water management district decision-making and Governing Board, basin board, and advisory committee meetings, public workshops, public hearings, and other District meetings; and factual information provided to the public and others by a water management district regarding District structure, functions, programs, budget, and other operational aspects of the District.

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 8.7 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. 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.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
5.2 - Public Information

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 1,156,321	$ 1,026,093	$ 1,026,634	$ 1,052,735	$ 1,002,554	$ (50,181)	-4.8%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 8,109	$ 7,144	$ 4,162	$ 16,730	$ 10,730	$ (6,000)	-35.9%
Operating Expenses	$ 43,259	$ 44,995	$ 29,820	$ 24,490	$ 30,490	$ 6,000	24.5%
Operating Capital Outlay	$ -	$ 5,898	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 1,207,689	$ 1,084,130	$ 1,060,616	$ 1,093,955	$ 1,043,774	$ (50,181)	-4.6%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 1,043,774	$ -	$ -	$ -	$ -	$ -	$ 1,043,774

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 1,002,554	$ -	$ 1,002,554
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ 10,730	$ -	$ 10,730
Operating Expenses		$ 30,490	$ -	$ 30,490
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 1,043,774	$ -	$ 1,043,774

Changes and Trends

This activity's budget over the past few years reflects a steady and even trend. The 2019-20 Budget represents a continued level of service consistent with Fiscal Year 2018-19. In the past five years the Operating Costs have been declining primarily due to a decrease in District Educational Outreach. Funds from Operating Expenses have also been redirected to fund an increased need for Computer Software Licenses used for research.

Budget Variance

This activity has a 4.6 percent ($50,181) decrease from the Fiscal Year 2018-19 Adopted Budget of $1.1 million solely due to a decrease in Salaries and Benefits. Increases in Operating Expenses are a reclassification of costs to Contracted Services for media related equipment and services.

Major Budget Items for this activity include the following:

- Salaries and Benefits ($1.0 million)
- Contracted Services:
  - Public Information for media related services ($10,730).
- Operating Expenses:
- Public Information ($30,490), which includes:
  - Media related equipment and services ($21,720).

There are no items funded with Reserves.

5.3 Public Relations - Water management district activities, advertising, and publications with the purpose of swaying public opinion about the District or a water management issue, countering criticisms of the District, or engendering positive feelings toward the District.

District Description

Proposed water management district activities, advertising, and publications with the purpose of swaying public opinion about the District or a water management issue, countering criticisms of the District, or engendering positive feelings toward the District.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
5.3 - Public Relations

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ -	$ -	$ -	$ -	$ -	$ -	-
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Expenses	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ -	$ -	$ -	$ -	$ -	$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ -	$ -	$ -	$ -	$ -	$ -	$ -

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		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		$ -	$ -	$ -
TOTAL		$ -	$ -	$ -

No funding has been budgeted to the activity for the last five years.

5.4 Cabinet and Legislative Affairs - Influencing or attempting to influence legislative action or non-action through oral or written communication or an attempt to obtain the goodwill of a member or employee of the Legislature. (See s. 11.045, Florida Statutes) For purposes of the standard budget reporting format, this definition includes Federal legislative action or non-action.

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 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
5.4 - Cabinet & Legislative Affairs

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 25,073	$ 768	$ -	$ -	$ -	$ -	-
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 27,000	$ 27,000	$ -	$ 27,000	$ 27,000	$ -	0.0%
Operating Expenses	$ 4,250	$ 4,344	$ 8,500	$ 4,500	$ 4,500	$ -	0.0%
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 56,323	$ 32,112	$ 8,500	$ 31,500	$ 31,500	$ -	0.0%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 31,500	$ -	$ -	$ -	$ -	$ -	$ 31,500

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		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		$ -	$ -	$ -
TOTAL		$ 31,500	$ -	$ 31,500

Changes and Trends

The decrease in Contracted Services between Fiscal Year 2015-16 to Fiscal Year 2017-18 is due to a contractual agreement for federal legislative services administered through the DEP not being executed in Fiscal Year 2017-18. However, the position is currently funded in Fiscal Year 2018-19 and Fiscal Year 2019-20. Over the past few years, 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. After Fiscal Year 2015-16 the decrease in staff in the 5.4 Cabinet and Legislative Affairs Program is due to the redirection of staff to other public information areas. This activity represents a continuation level of service.

Budget Variances

This activity has no change from the Fiscal Year 2018-19 Adopted Budget.

IV. PROGRAM ALLOCATIONS

Major Budget Items for this activity include the following:

- Contracted Services:

  Lobby/Legislative Affairs for the District's share of a contractual agreement for federal legislative services administered through the DEP ($27,000).

There are no items funded with Reserves.

5.5 Other Outreach Activities - Outreach activities not otherwise categorized above.

District Description

Outreach activities not otherwise categorized above.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
5.5 - Other Outreach Activities

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ -	$ -	$ -	$ -	$ -	$ -	-
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Expenses	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ -	$ -	$ -	$ -	$ -	$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ -	$ -	$ -	$ -	$ -	$ -	$ -

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		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		$ -	$ -	$ -
TOTAL		$ -	$ -	$ -

No funding has been budgeted to the activity for the last five years.

5.6 Technology and Information Services - 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 associated with this Program and related activities.

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 associated with this Program and related activities.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
5.6 - Technology and Information Services

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ -	$ -	$ -	$ -	$ -	$ -	-
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Expenses	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ -	$ -	$ -	$ -	$ -	$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ -	$ -	$ -	$ -	$ -	$ -	$ -

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		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		$ -	$ -	$ -
TOTAL		$ -	$ -	$ -

No funding has been budgeted to the activity for the last five years.

IV. PROGRAM 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, budget, finance, audit, risk management, and administrative services.

District Description

This program encompasses the business functions necessary to operate the District, including executive direction, legal services, internal audit services, budget, finance, procurement, human resources, risk management and other administrative support.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

TENTATIVE BUDGET - Fiscal Year 2019-20

6.0 District Management and Administration

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 17,751,457	$ 16,188,755	$ 16,470,389	$ 17,968,893	$ 18,028,168	$ 59,275	0.3%
Other Personal Services	$ 1	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 2,249,737	$ 3,495,081	$ 3,162,358	$ 2,665,542	$ 2,957,596	$ 292,054	11.0%
Operating Expenses	$ 6,316,982	$ 5,334,622	$ 6,028,475	$ 14,466,676	$ 14,502,677	$ 36,001	0.2%
Operating Capital Outlay	$ 1,303,371	$ 1,129,328	$ 1,358,451	$ 1,997,590	$ 2,200,148	$ 202,558	10.1%
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 27,621,548	$ 26,147,786	$ 27,019,673	$ 37,098,701	$ 37,688,589	$ 589,888	1.6%

SOURCE OF FUNDS

Fiscal Year 2019-20

	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Salaries and Benefits	$ 18,028,168	$ -	$ -	$ -	$ -	$ -	$ 18,028,168
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Contracted Services	$ 2,246,076	$ 711,520	$ -	$ -	$ -	$ -	$ 2,957,596
Operating Expenses	$ 11,689,302	$ 2,813,375	$ -	$ -	$ -	$ -	$ 14,502,677
Operating Capital Outlay	$ 2,200,148	$ -	$ -	$ -	$ -	$ -	$ 2,200,148
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Debt	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL	$ 34,163,694	$ 3,524,895	$ -	$ -	$ -	$ -	$ 37,688,589

RATE, OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Workforce	Rate (Salary without benefits)	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	161	$ 12,444,887	$ 18,028,168	$ -	$ 18,028,168
Other Personal Services	-	$ -	$ -	$ -	$ -
Contracted Services	-	$ -	$ 2,090,546	$ 867,050	$ 2,957,596
Operating Expenses			$ 9,186,014	$ 5,316,663	$ 14,502,677
Operating Capital Outlay			$ 2,200,148	$ -	$ 2,200,148
Fixed Capital Outlay			$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)			$ -	$ -	$ -
Debt			$ -	$ -	$ -
Reserves - Emergency Response			$ -	$ -	$ -
TOTAL			$ 31,504,876	$ 6,183,713	$ 37,688,589

WORKFORCE

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

WORKFORCE CATEGORY	Fiscal Year					Adopted to Tentative 2018-19 to 2019-20	
	2015-16	2016-17	2017-18	2018-19	2019-20	Difference	% Change
Authorized Positions	161	160	160	164	161	(3)	-1.8%
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	161	160	160	164	161	(3)	-1.8%

IV. PROGRAM ALLOCATIONS

South Florida Water Management District

REDUCTIONS - NEW ISSUES

6.0 District Management and Administration
Fiscal Year 2019-20
Tentative Budget - August 1, 2019

	FY 2018-19 Budget (Adopted)		**164**	**37,098,701**	
	Reductions				
Issue	Description	Issue Amount	Workforce	Category Subtotal	Issue Narrative
Salaries and Benefits			(3)	(248,160)	Decrease in Fringe Benefits is due to a decrease in Other Personnel Benefits ($340,068) partially offset by an increase in FRS retirement contribution ($83,973).
1	Decrease in Total Fringe Benefits	(248,160)			
Other Personal Services				-	
Contracted Services				(130,000)	
2	Decrease in IT Executive Direction	(130,000)			Decrease is due to IT Security outsourcing.
Operating Expenses				(509,614)	
3	Decrease in Accounts Payable Process	(40)			Decrease in travel.
4	Decrease in Agency Managment & Coordination	(4,261)			Decrease in travel and memberships.
5	Decrease in Application Development	(185,360)			Decrease in software maintenance.
6	Decrease in Business Operations Support	(2,038)			Decrease in office supplies and training.
7	Decrease in Comprehensive Annual Financial Report	(48,478)			Decrease in security expense that was reclassed to facilities (Program 3.0).
8	Decrease in Fleet Services	(165,922)			Decrease in toll funding and motor pool lease.
9	Decrease in Maintenance, Monitor, Evaluate/Report Insurance Plans	(42,000)			Decrease in property insurance.
10	Decrease in Network Support	(61,515)			Decrease in network upgrade (one-time expense).
Operating Capital Outlay				(208,718)	
11	Decrease in Desktop Technology	(95,718)			Decrease in computer hardware replacement (one-time expense).
12	Decrease in IT Executive Direction	(113,000)			Decrease in security hardware (one-time expense).
Fixed Capital Outlay				-	
Interagency Expenditures (Cooperative Funding)				-	
Debt				-	
Reserves				-	
	TOTAL REDUCTIONS		(3)	(1,096,492)	

IV. PROGRAM ALLOCATIONS

South Florida Water Management District
REDUCTIONS - NEW ISSUES
6.0 District Management and Administration
Fiscal Year 2019-20
Tentative Budget - August 1, 2019

New Issues					
Issue	Description	Issue Amount	Workforce	Category Subtotal	
Salaries and Benefits			-	307,435	Total increase in salaries and wages is an increase in compensation due to performance based reviews.
1	Increase in Total Salaries and Wages	307,435			
Other Personal Services				-	
Contracted Services				422,054	
2	Increase in Desktop Technology	5,000			Increase in computer software maintenance.
3	Increase in Maintenance, Monitor, Evaluate/Report Insurance Plans	42,000			Increase in Benefits audit expense.
4	Increase in Manage District Investments & Debt	17,000			Increase in Financial Advisor expense for investment advise.
5	Increase in Perform Audits & Investigations	25,000			Increase in Independent Audit Contract expense.
6	Increase in SAP Solutions Center	305,760			Increase in SAP Suite on HANA Implementation.
7	Increase in Systems Administration	27,294			Increase in Cloud Computing Services.
Operating Expenses				545,615	
8	Increase in Desktop Technology	39,212			Increase in Desktop Computer replacement expenses.
9	Increase in IT Business Support	474,092			Increase in software maintenance expense based on number of applications and licenses.
10	Increase in IT Executive Direction	21,041			Increase in IT training, and business travel.
11	Increase in Manage District Investments & Debt	1,500			Increase in Software maintenance expense for investment software and applications.
12	Increase in Tax Collector/Property Appraiser	9,770			Increase based on taxable value of property in District boundaries.
Operating Capital Outlay				411,276	
13	Increase in Network Support	139,782			Increase in SCADA telemetry replacement hardware.
14	Increase in Systems Administration	271,494			Increase in Enterprise Cloud and Enterprise storage.
Fixed Capital Outlay				-	
Interagency Expenditures (Cooperative Funding)				-	
Debt				-	
Reserves				-	
		TOTAL NEW ISSUES	0	1,686,380	
6.0 District Management and Administration Total Workforce and Tentative Budget for FY 2019-20			161	$ 37,688,589	

IV. PROGRAM ALLOCATIONS

Changes and Trends

The increase in Operating Expenses between Fiscal Year 2015-16 and Fiscal Year 2017-18 is due primarily to the way our actual insurance expenditures post through payroll. Postings are based on where staff charges versus where staff is budgeted. In the Fiscal Year 2018-19 Adopted budget this program illustrated an increase in Operating Expenses due to the way our actual insurance expenditures post through payroll, an accounting practice which is continued in the Fiscal Year 2019-20 Tentative budget. The decrease in Salaries and Benefits between Fiscal Year 2015-16 and Fiscal Year 2017-18 is due primarily to vacancies reducing actual expenditures. The increase in Salaries and Benefits between Fiscal Year 2018-19 and Fiscal Year 2019-20 is due to budgeting the full authority of the FTEs.

Budget Variances

Program 6.0 has a 1.6 percent increase ($589,888) due to a 10.1 percent ($202,558) increase in Operating Capital Outlay due to primarily to telemetry equipment. There also is a 11.0 percent ($292,054) increase in Contracted Services for IT consulting services for enterprise software computer software maintenance and a 0.2 percent ($36,001) increase in Operating Expenses for computer software maintenance and a 0.3 percent ($59,275) increase in Salaries and Benefits for salaries, wages and FRS employer contributions.

Major Budget Items for this program are included in the following:

- Salaries and Benefits: ($18 million) (161 FTEs).
- Contracted Services:
  - Application Development ($708,333) for IT Consulting Services ($708,333).
  - Administration – Records Management ($55,000), Budget Development/Report ($65,000), Employment Staffing ($76,500), Legal Services ($498,004) & Purchasing Services ($50,750), which includes:
    - Advertising services – ($182,000).
  - Legal Services ($498,004), which includes:
    - Legal and technical support services ($364,000).
- Operating Expenses:
  - Maintenance, Monitor, Evaluate/Report Insurance Plans ($6.4 million) for Self-Insurance Programs (comprised of health insurance, workers compensation, property insurance, general liability) ($6.4 million).
  - IT Business Support ($2.4 million), which includes:
    - Computer Software maintenance ($1.7 million).
    - Hardware maintenance ($621,458).

- Tax Collector/Property Appraiser ($6.8 million) for Commissions and property appraiser fees of associated with collection of District-wide ad valorem taxes are shown in this activity.

- Operating Capital Outlay:
  - IT Executive Direction ($97,000), Network Support ($646,358), Systems Administration ($1.5 million), which includes:
    - Computer Hardware Equipment ($2.2 million).

Items funded with Reserves with restrictions include a portion of property insurance, a portion of workers compensation, and a portion of enterprise software development.

IV. PROGRAM ALLOCATIONS

6.1 Administrative and Operations Support - Executive management, executive support, Governing Board support, basin board support, ombudsman, inspector general, general counsel, human resources, insurance, risk management, finance, accounting, procurement, budget, and vehicle pool.

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 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
6.1 - Administrative and Operations Support

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 17,711,302	$ 16,188,521	$ 16,470,389	$ 17,968,893	$ 18,028,168	$ 59,275	0.3%
Other Personal Services	$ 1	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 2,249,737	$ 3,495,081	$ 3,162,358	$ 2,665,542	$ 2,957,596	$ 292,054	11.0%
Operating Expenses	$ 1,582,334	$ 289,074	$ 876,755	$ 7,716,564	$ 7,742,795	$ 26,231	0.3%
Operating Capital Outlay	$ 1,303,371	$ 1,129,328	$ 1,358,451	$ 1,997,590	$ 2,200,148	$ 202,558	10.1%
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 22,846,745	$ 21,102,004	$ 21,867,953	$ 30,348,589	$ 30,928,707	$ 580,118	1.9%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 29,647,392	$ 1,281,315	$ -	$ -	$ -	$ -	$ 30,928,707

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 18,028,168	$ -	$ 18,028,168
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ 2,090,546	$ 867,050	$ 2,957,596
Operating Expenses		$ 4,669,712	$ 3,073,083	$ 7,742,795
Operating Capital Outlay		$ 2,200,148	$ -	$ 2,200,148
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 26,988,574	$ 3,940,133	$ 30,928,707

Changes and Trends

The decrease in Operating Expenses between Fiscal Year 2015-16 and Fiscal Year 2017-18 is due primarily to the way our actual insurance expenditures post through payroll. Postings are based on where staff charges versus where staff is budgeted, coupled with budgeting the Districts' full insurance exposure. The decrease in Salaries and Benefits between Fiscal Year 2015-16 and Fiscal Year 2017-18 is due primarily to vacancies reducing actual expenditures. The increase in Salaries and Benefits between Fiscal Year 2018-19 and Fiscal Year 2019-20 is due to budgeting the full authority of the FTEs.

Budget Variances

Activity 6.1 has a 1.9 percent increase ($580,118) due to a 10.1 percent ($202,558) increase in Operating Capital Outlay due to primarily to telemetry equipment. There also a 11.0 percent ($292,054) increase in Contracted Services for IT consulting services for enterprise software and a 0.2 percent ($26,231) increase in Operating Expenses for computer software maintenance and a 0.3 percent ($59,275) increase in Salaries and Benefits for salaries, wages, and FRS employer contributions.

Major Budget Items for this sub-activity are included in the following:

- Salaries and Benefits ($18 million).
- Contracted Services:
  - Application Development ($708,333) for IT Consulting Services.
  - Administration – Records Management ($55,000), Budget Development/Report ($65,000), Employment Staffing ($76,500), Legal Services ($498,004) and Purchasing Services ($50,750), which includes:
    - Advertising services – ($182,000).
  - Legal Services ($498,004), which includes:
    - Legal and technical support services ($364,000).
- Operating Expenses:
  - Maintenance, Monitor, Evaluate/Report Insurance Plans ($6.4 million) Self-Insurance Programs (comprised of health insurance, workers compensation, property insurance, general liability).
  - IT Business Support ($2.4 million), which includes:
    - Computer Software maintenance ($1.7 million).
    - Hardware maintenance ($621,458).
  - Administrative Support (-$2,280,991), which includes:
    - CERP Indirect Staff Support credits (-$3.3 million); the CERP indirect Staff Support credits is an offset to the expenditure in the CERP activity, resulting in a negative expenditure in this sub-activity.
- Operating Capital Outlay:
  - IT Executive Direction ($97,000), Network Support ($646,358), Systems Administration ($1.5 million), which includes:
    - Computer Hardware Equipment ($2.2 million).

Items funded with Reserves with restrictions include a portion of property insurance, a portion of workers compensation, and a portion of enterprise software development.

IV. PROGRAM ALLOCATIONS

6.1.1 Executive Direction - This sub-activity includes the executive office, Governing Board and executive services support, and the Office of the Ombudsman. Agency-wide direction is provided in a manner consistent with the policy direction of the Governing Board, DEP, the Florida Legislature, and the Executive Office of the Governor.

District Description

This sub-activity includes the executive office, Governing Board and executive services support, and the Office of the Ombudsman. Agency-wide direction is provided in a manner consistent with the policy direction of the Governing Board, the DEP, the Florida Legislature, and the Executive Office of the Governor. The executive direction sub-activity provides agency-wide direction in a manner consistent with the policy direction of the Governing Board, the DEP, the Florida Legislature, and the Executive Office of the Governor.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SUBACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
6.1.1 - Executive Direction

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 707,770	$ 394,694	$ 339,172	$ 571,156	$ 801,419	$ 230,263	40.3%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Expenses	$ 17,245	$ 14,328	$ 12,837	$ 22,085	$ 17,824	$ (4,261)	-19.3%
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 725,015	$ 409,022	$ 352,009	$ 593,241	$ 819,243	$ 226,002	38.1%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 819,243	$ -	$ -	$ -	$ -	$ -	$ 819,243

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 801,419	$ -	$ 801,419
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ -	$ -	$ -
Operating Expenses		$ 17,824	$ -	$ 17,824
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 819,243	$ -	$ 819,243

Changes and Trends

This sub-activity represents a continued level of service consistent with the past five years; however, Salaries and Benefits have decreased during the period from Fiscal Year 2015-16 to Fiscal Year 2017-18 primarily due to vacancies in budgeted positions.

Budget Variances

This sub-activity has a 38.1 percent ($226,002) increase from the Fiscal Year 2018-19 Adopted Budget of $593,241 due to an increase of 40.3 percent ($230,263) in Salaries and Benefits that reflects the filling of previously vacant positions partially offset by a $4,261 decrease in Operating Expenses for memberships and dues and travel.

IV. PROGRAM ALLOCATIONS

Major Budget Items for this sub-activity are included in the following:

- Salaries and Benefits ($801,419).
- Operating Expenses:
  - Agency Management and Coordination ($17,824), which includes:
    - District Travel ($17,724).

There are no items funded with Reserves.

6.1.2 General Counsel/Legal - The Office of the General Counsel provides professional legal advice, representation, rulemaking services, research, preventative law, and counsel to the District's Governing Board, Executive Team and its component units. The office's responsibilities include matters relating to contracts, land management and personnel matters.

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 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
6.1.2 - General Counsel / Legal

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 2,377,588	$ 2,255,352	$ 2,233,586	$ 2,128,717	$ 2,365,495	$ 236,778	11.1%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 690,334	$ 1,144,199	$ 928,206	$ 498,004	$ 498,004	$ -	0.0%
Operating Expenses	$ 70,371	$ 39,967	$ 36,420	$ 82,811	$ 82,811	$ -	0.0%
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 3,138,293	$ 3,439,518	$ 3,198,212	$ 2,709,532	$ 2,946,310	$ 236,778	8.7%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 2,946,310	$ -	$ -	$ -	$ -	$ -	$ 2,946,310

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 2,365,495	$ -	$ 2,365,495
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ 498,004	$ -	$ 498,004
Operating Expenses		$ 82,811	$ -	$ 82,811
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 2,946,310	$ -	$ 2,946,310

Changes and Trends

This activity has represented a consistent level of service over the last five years with a slight shift in funding from Salaries and Benefits to Contracted Services for specialized outside counsel.

Budget Variances

This sub-activity has an 8.7 percent ($236,778) increase from the Fiscal Year 2018-19 Adopted Budget of $2.7 million due to an increase in Salaries and Benefits primarily due to increases in FRS contributions and salaries and wages.

Major Budget Items for this sub-activity include the following:

- Salaries and Benefits ($2.4 million).

IV. PROGRAM ALLOCATIONS

- Contracted Services:
  - Legal Services (498,004), which includes:
    - Legal and technical support services ($364,000).
- Operating Expenses:
  - Legal Services ($82,811), which includes:
- Books and Subscriptions ($30,000)
    - District travel ($22,299).

There are no items funded with Reserves.

6.1.3 Inspector General - The Office of the Inspector General serves as a primary point for the coordination of activities that promote accountability, effectiveness, and efficiency, and prevent and detect fraud and abuse in the District.

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 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
6.1.3 - Inspector General

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 647,613	$ 597,594	$ 641,906	$ 641,098	$ 654,575	$ 13,477	2.1%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 71,965	$ 201,600	$ 160,000	$ 162,000	$ 187,000	$ 25,000	15.4%
Operating Expenses	$ 6,547	$ 10,817	$ 11,347	$ 17,488	$ 17,488	$ -	0.0%
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 726,125	$ 810,011	$ 813,253	$ 820,586	$ 859,063	$ 38,477	4.7%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 859,063	$ -	$ -	$ -	$ -	$ -	$ 859,063

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 654,575	$ -	$ 654,575
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ 187,000	$ -	$ 187,000
Operating Expenses		$ 17,488	$ -	$ 17,488
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 859,063	$ -	$ 859,063

Changes and Trends

This sub-activity represents a continued level of service consistent with Fiscal Year 2018-19 and the past five years.

Budget Variances

This sub-activity has a 4.7 percent ($38,477) increase from the Fiscal Year 2018-19 Adopted Budget of $820,586 due primarily to an increase of 15.4 percent ($25,000) in Contracted Services for Auditing Services and a 2.1 percent ($13,477) increase in Salaries and Benefits for an estimated increase in FRS employer contributions, salaries, and wages.

Major Budget Items for this sub-activity include the following:

- Salaries and Benefits ($654,575).

IV. PROGRAM ALLOCATIONS

- Contracted Services:
  - Perform Audits and Investigations ($187,000), which includes:
    - Auditing services ($177,000).
- Operating Expenses:
  - Perform Audits and Investigations ($17,488), which includes:
    - Travel and training ($12,576).

There are no items funded with Reserves.

6.1.4 Administrative Support - This sub-activity includes finance, budget, accounting, risk management, and document services which provides Districtwide print and mail services, all aspects of records management and imaging services.

District Description

The administrative support program includes all governing and basin board support; budget, finance, risk management, business operations support, intergovernmental 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 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
6.1.4 - Administrative Support

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 6,573,916	$ 5,862,360	$ 5,748,840	$ 7,000,571	$ 6,655,263	$ (345,308)	-4.9%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 82,897	$ 156,659	$ 241,341	$ 288,810	$ 347,810	$ 59,000	20.4%
Operating Expenses	$ (536,851)	$ (2,179,908)	$ (1,520,904)	$ 4,712,618	$ 4,455,640	$ (256,978)	-5.5%
Operating Capital Outlay	$ -	$ 59,493	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 6,119,962	$ 3,898,604	$ 4,469,277	$ 12,001,999	$ 11,458,713	$ (543,286)	-4.5%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 10,888,918	$ 569,795	$ -	$ -	$ -	$ -	$ 11,458,713

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 6,655,263	$ -	$ 6,655,263
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ 192,280	$ 155,530	$ 347,810
Operating Expenses		$ 1,382,557	$ 3,073,083	$ 4,455,640
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 8,230,100	$ 3,228,613	$ 11,458,713

Changes and Trends

The increase in Operating Expenses between Fiscal Year 2015-16 and Fiscal Year 2017-18 is due primarily to the way our actual insurance expenditures post through payroll. Postings are based on where staff charges versus where staff is budgeted, coupled with budgeting the Districts' full insurance exposure. Additionally, the Operating Expenses reflect accounting for the CERP Indirect Staff Support credits, which are offset between this sub-activity and the CERP activity resulting in negative expenditures in this sub-activity for Fiscal Year 2015-16 through Fiscal Year 2017-18.

Budget Variances

This sub-activity has a 4.5 percent ($543,286) decrease from the Fiscal Year 2018-19 Adopted Budget of $12.0 million. The decreases included a 5.5 percent ($256,978) decrease in Operating Expenses for security maintenance and repair and Fleet Services, and a 4.9 percent ($345,308) decrease in Salaries and Benefits due to other personnel benefits, partially offset by a 20.4 percent ($59,000) increase in Contracted Services for financial advisor and auditing services

IV. PROGRAM ALLOCATIONS

Major Budget Items for this sub-activity include the following:

- Salaries and Benefits ($6.7 million).
- Contracted Services:
    - Administration - Records Management ($55,000), Budget Development ($65,000), and Comprehensive Annual Financial Report ($11,900) and Maintenance, Monitor, Evaluate/Report Insurance Plans ($176,910) which includes:
        - Contracted Services for Actuarial, Advertising and Professional Services ($174,500).
- Operating Expenses:
        - Maintenance, Monitor, Evaluate/Report Insurance Plans ($6.4 million) for Self-Insurance programs.
    - Administrative Support (-$2,280,991), which includes:
        - CERP Indirect Staff Support credits (-$3.3 million); the CERP indirect Staff Support credits is an offset to the expenditure in the CERP activity, resulting in a negative expenditure in this sub-activity.

Items funded with Reserves with restrictions include a portion of property insurance and a portion of workers compensation.

6.1.5 Fleet Services - This sub-activity includes fleet services support to all District programs and projects.

District Description

This sub-activity includes fleet services support to all District programs and projects.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SUBACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
6.1.5 - Fleet Services

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ -	$ -	$ -	$ -	$ -	$ -	-
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Expenses	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ -	$ -	$ -	$ -	$ -	$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ -	$ -	$ -	$ -	$ -	$ -	$ -

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		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		$ -	$ -	$ -
TOTAL		$ -	$ -	$ -

No funding has been budgeted to the activity for the last five years.

6.1.6 Procurement/Contract Administration - This sub-activity supports all procurement activities to purchase goods and services.

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 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
6.1.6 - Procurement / Contract Administration

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 1,931,683	$ 1,504,321	$ 1,828,489	$ 1,974,442	$ 1,901,335	$ (73,107)	-3.7%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 4,936	$ 13,332	$ 20,325	$ 50,750	$ 50,750	$ -	0.0%
Operating Expenses	$ 23,672	$ 17,048	$ 18,331	$ 15,750	$ 15,750	$ -	0.0%
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 1,960,291	$ 1,534,701	$ 1,867,145	$ 2,040,942	$ 1,967,835	$ (73,107)	-3.6%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 1,967,835	$ -	$ -	$ -	$ -	$ -	$ 1,967,835

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 1,901,335	$ -	$ 1,901,335
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ 50,750	$ -	$ 50,750
Operating Expenses		$ 15,750	$ -	$ 15,750
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 1,967,835	$ -	$ 1,967,835

Changes and Trends

This sub-activity represents a nominal decrease from Fiscal Year 2018-19 and represents a continued level of service consistent over the past five years. The increase in Contracted Services over the five-year period is due to advertising services which was moved in Fiscal Year 2016-17 from Operating Expenses to Contracted Services and varies in expenditures based on the amount and type of solicitation advertising requested each year.

Budget Variances

This sub-activity has a 3.6 percent ($73,107) decrease from the Fiscal Year 2018-19 Adopted Budget of $2 million due to a 3.7 percent ($73,107) decrease in Salaries and Benefits due to salary allocations.

Major Budget Items for this sub-activity are included in the following:

- Salaries and Benefits ($1.9 million).

IV. PROGRAM ALLOCATIONS

- Contracted Services:
  - Purchasing Services ($50,570), which includes:
    - Advertising ($45,000)
    - Contracted Services for procurement card compliance audit ($5,250).
- Operating Expenses:
  - Purchasing Services ($15,750):
    - Travel, memberships and training ($11,900).

There are no items funded with Reserves.

6.1.7 Human Resources - This sub-activity provides human resources support for the District.

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 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
6.1.7 - Human Resources

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 1,244,990	$ 1,174,396	$ 1,365,008	$ 1,549,977	$ 1,429,671	$ (120,306)	-7.8%
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 37,318	$ 98,830	$ 137,867	$ 76,500	$ 76,500	$ -	0.0%
Operating Expenses	$ 66,946	$ 17,742	$ 26,456	$ 101,169	$ 101,169	$ -	0.0%
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 1,349,254	$ 1,290,968	$ 1,529,331	$ 1,727,646	$ 1,607,340	$ (120,306)	-7.0%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 1,607,340	$ -	$ -	$ -	$ -	$ -	$ 1,607,340

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 1,429,671	$ -	$ 1,429,671
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ 76,500	$ -	$ 76,500
Operating Expenses		$ 101,169	$ -	$ 101,169
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 1,607,340	$ -	$ 1,607,340

Changes and Trends

This sub-activity represents a nominal decrease from Fiscal Year 2018-19 and represents a continued level of service consistent over the past five years. The variance in Contracted Services over the five-year period is due to advertising services which varies in expenditures based on the amount and type of recruitment advertising requested each year. The variance in operating expenses over the five-year period is due to relocation which varies in expenditures based on where new employees are recruited from. Additionally, in Fiscal Year 2016-17 and Fiscal Year 2017-18 a computer software expense for a recruiting module was moved from this activity to the Technology and Information Services activity. In Fiscal Year 2018-19 the budget for consulting services was increased.

Budget Variances

This sub-activity has a 7.0 percent ($120,306) decrease from the Fiscal Year 2018-19 Adopted Budget of $1.7 million due to a 7.8 percent ($120,306) decrease in Salaries and Benefits due to planned staff workload.

Major Budget Items for this sub-activity include the following:

- Salaries and Benefits ($1.4 million).

IV. PROGRAM ALLOCATIONS

- Contracted Services:
    - Employment Staffing ($76,500), which includes:
        - Advertising ($50,000)
        - Professional services ($26,500).
- Operating Expenses
    - Employee Staffing ($68,999), which includes:
        - Relocation Expenses ($41,500).
        - Training ($10,908).

There are no items funded with Reserves.

6.1.8 Communications - This sub-activity includes telecommunications for the District.

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 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
6.1.8 - Communications

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ -	$ -	$ -	$ -	$ -	$ -	-
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Expenses	$ 329,695	$ 324,963	$ 229,806	$ 428,740	$ 428,740	$ -	0.0%
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 329,695	$ 324,963	$ 229,806	$ 428,740	$ 428,740	$ -	0.0%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 428,740	$ -	$ -	$ -	$ -	$ -	$ 428,740

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ -	$ -	$ -
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ -	$ -	$ -
Operating Expenses		$ 428,740	$ -	$ 428,740
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 428,740	$ -	$ 428,740

Changes and Trends

This sub-activity represents a continued level of service over the past five years with a steady increase in Operating Expenses over the past two years resulting from an increase in communication utility services.

Budget Variances

This sub-activity has no change from the Fiscal Year 2018-19 Adopted Budget.

Major Budget Items for this sub-activity include the following:

- Operating Expenses:
  - Telecommunications ($428,740) for phones, data lines, local and long-distance services.

There are no items funded with Reserves.

6.1.9 Technology and Information Services - This sub-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 associated with this Program and related activities.

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 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
6.1.9 - Technology and Information Services

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 4,227,742	$ 4,399,804	$ 4,313,388	$ 4,102,932	$ 4,220,410	$ 117,478	2.9%
Other Personal Services	$ 1	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ 1,362,287	$ 1,880,461	$ 1,674,619	$ 1,589,478	$ 1,797,532	$ 208,054	13.1%
Operating Expenses	$ 1,604,709	$ 2,044,117	$ 2,062,462	$ 2,335,903	$ 2,623,373	$ 287,470	12.3%
Operating Capital Outlay	$ 1,303,371	$ 1,069,835	$ 1,358,451	$ 1,997,590	$ 2,200,148	$ 202,558	10.1%
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 8,498,110	$ 9,394,217	$ 9,408,920	$ 10,025,903	$ 10,841,463	$ 815,560	8.1%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 10,129,943	$ 711,520	$ -	$ -	$ -	$ -	$ 10,841,463

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ 4,220,410	$ -	$ 4,220,410
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ 1,086,012	$ 711,520	$ 1,797,532
Operating Expenses		$ 2,623,373	$ -	$ 2,623,373
Operating Capital Outlay		$ 2,200,148	$ -	$ 2,200,148
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 10,129,943	$ 711,520	$ 10,841,463

Changes and Trends

Over the past few years, this sub-activity has increased due to the consolidation of technical positions within the District, to the IT Bureau. Operating Capital Outlay has increased over time due to increases in computer hardware for technology infrastructure upgrades and end of life network component replacements. Contracted Services also increased over the five-year period due to specialized information technology needs. The District has moved to purchasing new computer equipment instead of leasing which is more cost effective. There is no change to the level of service of this sub-activity from the Fiscal Year 2018-19 Adopted Budget.

Budget Variances

This sub-activity has a 8.1 percent ($815,560) increase from the Fiscal Year 2018-19 Adopted Budget of $10.0 million due to a 12.3 percent ($287,470) increase in Operating Expenses primarily from computer software and hardware maintenance, a 10.1 percent ($202,558) increase in Operating Capital Outlay for telemetry equipment, a 13.1 percent ($208,054) percent increase in Contracted Services primarily for IT consulting services for enterprise software development and a 2.9 percent ($117,478) increase in Salaries and Benefits for salaries, wages, and an increase in FRS employer contributions.

Major Budget Items for this sub-activity include the following:

- Salaries and Benefits ($4.2 million).
- Contracted Services:
  - Applications Development ($708,333), Desktop Technology ($129,000), Geospatial Services ($16,180), IT Business support ($95,795), IT Executive Direction ($67,720) and SAP Solutions Center ($689,812), which includes:
    - Computer consulting services (enterprise resource support, and IT security) ($1.5 million).
    - Copier / printer / scanner leases ($57,545).
- Operating Expenses:
  - IT Business Support ($2.4 million), which includes:
    - Software maintenance ($1.7 million).
    - Hardware maintenance ($621,458).
- Operating Capital Outlay:
  - IT Executive Direction ($97,000), Network Support ($646,358), and Systems Administration ($1.5 million), which includes:
    - Computer Hardware Equipment ($2.2 million).

Items funded with Reserves without restrictions are $883,720 for IT Consulting Services for Enterprise System updates.

6.2 Computer/Computer Support - Computer hardware and software, computer support and maintenance, computer reserves / sinking fund.

District Description

Computer hardware and software, computer support and maintenance, computer reserves / sinking fund.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
6.2 - Computer/Computer Support

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 40,155	$ 234	$ -	$ -	$ -	$ -	-
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Expenses	$ (1,416)	$ -	$ -	$ -	$ -	$ -	-
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 38,739	$ 234	$ -	$ -	$ -	$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ -	$ -	$ -	$ -	$ -	$ -	$ -

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		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		$ -	$ -	$ -
TOTAL		$ -	$ -	$ -

Changes and Trends

There is no funding for this activity. Only historical activity is presented.

Budget Variances

There is no funding for this activity. Only historical activity is presented.

Major Budget Items for this activity include the following:

- None.

There are no items funded with Reserves.

6.3 Reserves - This activity is included in the District's General Fund Deficiencies Reserve.

District Description

This activity is included in the District's General Fund Deficiencies Reserve.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
6.3 - Reserves

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ -	$ -	$ -	$ -	$ -	$ -	-
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Expenses	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ -	$ -	$ -	$ -	$ -	$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ -	$ -	$ -	$ -	$ -	$ -	$ -

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		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		$ -	$ -	$ -
TOTAL		$ -	$ -	$ -

No funding has been budgeted to the activity for the last five years.

6.4 Other – (Tax Collector / Property Appraiser Fees)

District Description

This activity 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. These fees are calculated by each respective county office in accordance with Florida Statutes.

The District pays fees and commissions to the offices of the Property Appraisers and Tax Collectors of each county within the District for services provided annually for tax roll preparation, tax collections, and distributions. The Property Appraiser fees are calculated by applying the ratio of District ad valorem taxes as a proportion of the total taxes levied by each county for the preceding fiscal year against each county Property Appraiser's budget. The Tax Collector commissions are calculated as three percent of the amount of ad valorem property taxes collected and remitted on assessed valuation up to $50 million, and two percent on the balance above that first threshold. Fees and commissions are set by Florida Statutes and are non-negotiable.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
6.4 - Other - (Tax Collector / Property Appraiser Fees)

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ -	$ -	$ -	$ -	$ -	$ -	-
Other Personal Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Contracted Services	$ -	$ -	$ -	$ -	$ -	$ -	-
Operating Expenses	$ 4,736,064	$ 5,045,548	$ 5,151,720	$ 6,750,112	$ 6,759,882	$ 9,770	0.1%
Operating Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Fixed Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	-
Interagency Expenditures (Cooperative Funding)	$ -	$ -	$ -	$ -	$ -	$ -	-
Debt	$ -	$ -	$ -	$ -	$ -	$ -	-
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	-
TOTAL	$ 4,736,064	$ 5,045,548	$ 5,151,720	$ 6,750,112	$ 6,759,882	$ 9,770	0.1%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	$ 4,516,302	$ 2,243,580	$ -	$ -	$ -	$ -	$ 6,759,882

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		$ -	$ -	$ -
Other Personal Services		$ -	$ -	$ -
Contracted Services		$ -	$ -	$ -
Operating Expenses		$ 4,516,302	$ 2,243,580	$ 6,759,882
Operating Capital Outlay		$ -	$ -	$ -
Fixed Capital Outlay		$ -	$ -	$ -
Interagency Expenditures (Cooperative Funding)		$ -	$ -	$ -
Debt		$ -	$ -	$ -
Reserves - Emergency Response		$ -	$ -	$ -
TOTAL		$ 4,516,302	$ 2,243,580	$ 6,759,882

Changes and Trends

The increase in Operating Expenses between Fiscal Year 2015-16 and Fiscal Year 2017-18 is due primarily due to the increase in Property Appraiser fees and Tax Collector commissions for processing, collecting and distributing ad valorem taxes for the District. The fees and commissions are increasing because the District's proportion of each county is going up based on the total taxable value and the amount of ad valorem levy being processed.

Budget Variances

This activity has a 0.1 percent ($9,770) increase in Operating Expenses for county appraiser and tax collector fees from the Fiscal Year 2018-19 Adopted Budget of $6.8 million. Tax collector and property appraiser fees are budgeted on an annual basis using the methods described above.

Major Budget Items for this activity include the following:

The following are Major Budget Items not included in Appendix C:

- Operating Expenses:
    - Tax Collector/Property Appraiser ($6.8 million) for commissions and property appraiser fees associated with collection of District-wide ad valorem taxes are shown in this activity ($6.8 million). 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 $2.2 million in property appraiser and tax collector fees.

IV. PROGRAM ALLOCATIONS

B. District Specific Programs

1. District Springs Program

Not Applicable to South Florida Water Management District

IV. PROGRAM ALLOCATIONS

B. District Specific Programs

2. 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 directs the District to design, permit, construct and operate Stormwater Treatment Areas (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 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
District Everglades Program

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 17,552,668	$ 15,430,623	$ 15,373,779	$ 18,136,018	$ 18,340,725	$ 204,707	1.1%
Other Personal Services	$ 27,216	$ 8,036	$ 8,036	$ 8,036	$ 27,966	$ 19,930	248.0%
Contracted Services	$ 3,236,992	$ 3,975,722	$ 2,468,095	$ 3,036,090	$ 4,743,800	$ 1,707,710	56.2%
Operating Expenses	$ 12,730,657	$ 12,258,871	$ 12,858,176	$ 12,234,260	$ 13,637,223	$ 1,402,963	11.5%
Operating Capital Outlay	$ 5,028,761	$ 1,600,959	$ 3,473,029	$ 12,209,830	$ 132,830	$ (12,077,000)	-98.9%
Fixed Capital Outlay	$ 27,860,583	$ 44,963,367	$ 36,041,232	$ 21,918,357	$ 48,242,512	$ 26,324,155	120.1%
Interagency Expenditures (Cooperative Funding)	$ 256,175	$ 664,225	$ 725,174	$ 90,264	$ 26,500	$ (63,764)	-70.6%
Debt	$ 19,272,390	$ 17,713,288	$ 16,925,359	$ 16,854,074	$ 16,796,698	$ (57,376)	-0.3%
Reserves - Emergency Response	$ -	$ -	$ -	$ 3,000,000	$ 3,000,000	$ -	0.0%
TOTAL	**$ 85,965,442**	**$ 96,615,091**	**$ 87,872,880**	**$ 87,486,929**	**$ 104,948,254**	**$ 17,461,325**	**20.0%**

Changes and Trends

The Everglades Forever Act (EFA), passed by the Florida Legislature in 1994, 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, construct and operate 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.

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, which build upon the existing projects and further improve the quality of stormwater entering the Everglades. On September 10, 2012, DEP issued the District consent orders associated with EFA and National Pollutant Discharge Elimination System (NPDES) permits, which outlined a suite of projects with deadlines for completion. 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 reservoirs referred to as flow equalization basins (FEBs), STA expansions, and associated infrastructure and conveyance improvements. The EFA was amended in 2013 by the Florida Legislature to include the 2012 Restoration Strategies Regional Water Quality Plan. These projects will be designed and constructed through December 31, 2024 at a total cost of approximately $880 million.

The Florida Legislature continues its commitment to Everglades Restoration as evidenced through the passage of House Bill 989 in 2016 (Chapter 2016-201) and Senate Bill 10 in 2017 (Chapter 2017-10), providing a recurring $32 million appropriation for the implementation of the projects required by the Everglades Forever Act through Fiscal Year 2023-24.

Increases and decreases between Fiscal Year 2015-16 and Fiscal Year 2017-18 represent the shift in cash flow requirements across the various expense categories for the implementation of Restoration Strategies Projects as they move from Planning, Design, Construction, and Operations and Maintenance.

Decreases between Fiscal Year 2015-16 and Fiscal Year 2017-18 in Debt resulted from refinancing Certificates of Participation.

Budget Variances

The Fiscal Year 2019-20 Tentative Budget has a 20.0 percent ($17.5 million) increase from the Fiscal Year 2018-19 Adopted Budget of $87.5 million.

The major variances in expense categories are:

Other Personal Services increased 248.0 percent ($19,930) due to contractual support being reallocated to Long-Term Plan: Stormwater Treatment Area Operations and Maintenance Monitoring and Assessment efforts from other program activities.

Contracted Services increased 56.2 percent ($1.7 million) primarily due to new and prior year state appropriated funding for the implementation of Restoration Strategies Science Plan ($1.1 million), as well as District funding for STA operations and maintenance ($372,857) and program support of new construction ($250,000).

Operating Expenses increased 11.5 percent ($1.4 million) primarily due to increased cash flow requirements for STA operations and maintenance, including structure modifications, repairs, and replacements ($1.3 million).

Operating Capital Outlay decreased 98.9 percent ($12.1 million) primarily due to reduced cash flow requirements in this category for Restoration Strategies for STA-1W #2 construction ($6.5 million) and C-139 FEB design ($5.5 million).

Fixed Capital Outlay increased 120.1 percent ($26.3 million) due to increased new and prior year state appropriated funding in this expense category for Restoration Strategies, including STA1W Expansion #2, G-341 & Conveyance Improvements, C-139 FEB, STA 5 Earthwork, and STA1-E Modifications.

Major Budget Items for this Specific Program include the following:

- Salaries and Benefits ($18.3 million).

Appendix C includes projects that are funded with Salaries and Benefits (included in the salaries and benefits number above), Contracted Services, Operating Expenses and Fixed Capital Outlay. The projects listed on the following page are also addressed in their respective state programs.

Project Name	Salaries and Benefits	Other Personal Services	Contracted Services	Operating Expenses	Operating Capital Outlay	Fixed Capital Outlay	Interagency Expenditures	Debt	Reserves	Grand Total
C-139 FEB (Restoration Strategies)	$ 107,963	$ -	$ -	$ -	$ -	$ 7,500,000	$ -	$ -	$ -	$ 7,607,963
G310,G335,G370,G372 Grounding Mods	$ 23,241	$ -	$ -	$ 924,000	$ -	$ -	$ -	$ -	$ -	$ 947,241
G-310/G-335 Trash Rake Replacement	$ 49,064	$ -	$ -	$ 147,000	$ -	$ -	$ -	$ -	$ -	$ 196,064
G-341 Related Conveyance Improvements (Bolles Canal) (Restoration Strategies)	$ 74,376	$ -	$ -	$ -	$ -	$ 8,000,000	$ -	$ -	$ -	$ 8,074,376
Restoration Strategies Future Projects	$ -	$ -	$ -	$ -	$ -	$ 14,197,123	$ -	$ -	$ -	$ 14,197,123
S319 & S362 Generator Replacement and Relocation	$ 13,221	$ -	$ -	$ -	$ -	$ 50,000	$ -	$ -	$ -	$ 63,221
STA 5/6 Internal Improvements (Restoration Strategies)	$ 91,911	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 91,911
STA-1E Western Flow-Way Modifications (Restoration Strategies)	$ 69,836	$ -	$ -	$ -	$ -	$ 8,500,000	$ -	$ -	$ -	$ 8,569,836
STA-1W Expansion #2 (Restoration Strategies)	$ 160,232	$ -	$ -	$ -	$ -	$ 8,000,000	$ -	$ -	$ -	$ 8,160,232
Grand Total	**$ 589,844**	**$ -**	**$ -**	**$ 1,071,000**	**$ -**	**$ 46,247,123**	**$ -**	**$ -**	**$ -**	**$ 47,907,967**

The following are the other Major Budget items not included in Appendix C:

- Contracted Services:
  - Restoration Strategies Science Plan activities ($2.5 million)
  - STA Operations and Maintenance, including vegetation management, structure inspection program, site management and STA permit-required monitoring ($1.5 million).
  - STA science and evaluation, including optimization and performance, source controls and BMP studies, and monitoring and recovery of impacted areas in the Everglades ($709,614).
- Operating Expenses:
  - STA Operations and Maintenance, including vegetation management, structure inspection program, site management and STA permit-required monitoring ($11.4 million).
  - STA science and evaluation, including optimization and performance, source controls and BMP studies, and monitoring and recovery of impacted areas in the Everglades ($2.2 million).
- Operating Capital Outlay:
  - STA Operations and Maintenance, including vegetation management, structure inspection program, site management and STA permit-required monitoring ($132,830).
- Debt:
  - Debt service payments ($16.8 million).

- Reserves:
  - Hurricane/Emergency Reserves for the Stormwater Treatment Areas. ($3.0 million).

B. District Specific Programs

3. Comprehensive Everglades Restoration Plan

District Description

The CERP contains 68 major components that involve the creation of reservoirs, wetland-based water quality treatment areas and other features. 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 and Biscayne National Park.
- Florida Bay.
- 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 Cooperation 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.
- Environmental Remediation and Mitigation.
- Permitting.
- Capital Construction.
- Operations and Maintenance, Repair, Rehabilitation and Replacement of Constructed Facilities.
- A Science-Based Adaptive Assessment and Monitoring Effort.
- Program Management Activities.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
PROGRAM BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
TENTATIVE BUDGET - Fiscal Year 2019-20
Comprehensive Everglades Restoration Plan Program

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Salaries and Benefits	$ 6,106,912	$ 6,494,172	$ 7,588,529	$ 6,704,806	$ 6,932,510	$ 227,704	3.4%
Other Personal Services	$ 2,070	$ -	$ -	$ -	$ -	$ -	
Contracted Services	$ 2,035,769	$ 2,103,605	$ 4,124,564	$ 7,776,950	$ 59,149,987	$ 51,373,037	660.6%
Operating Expenses	$ 3,280,772	$ 3,183,941	$ 3,660,156	$ 3,951,974	$ 7,750,071	$ 3,798,097	96.1%
Operating Capital Outlay	$ 11,307,533	$ 9,402,101	$ 10,635,166	$ 62,800	$ 9,172,800	$ 9,110,000	14506.4%
Fixed Capital Outlay	$ 46,299,554	$ 79,064,354	$ 62,962,101	$ 237,556,981	$ 310,301,948	$ 72,744,967	30.6%
Interagency Expenditures (Cooperative Funding)	$ 1,128,886	$ 998,637	$ 1,306,243	$ 1,125,952	$ 1,180,902	$ 54,950	4.9%
Debt	$ 15,576,335	$ 14,316,237	$ 13,484,891	$ 13,539,551	$ 13,575,429	$ 35,878	0.3%
Reserves - Emergency Response	$ -	$ -	$ -	$ -	$ -	$ -	
TOTAL	**$ 85,737,831**	**$ 115,563,047**	**$ 103,761,650**	**$ 270,719,014**	**$ 408,063,647**	**$ 137,344,633**	**50.7%**

Changes and Trends

Implementation of the CERP began with Water Resources Development Act of 2000 and 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 the 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, Melaleuca Eradication and Other Exotic Plants and Site 1 Impoundment projects. In 2014, Congress passed the Water Resources Reform and Development Act (WRRDA) that authorized four additional CERP projects: Caloosahatchee (C-43) West Basin Storage Reservoir, Biscayne Bay Coastal Wetlands - Phase I, C-111 Spreader Canal Western and Broward County Water Preserve Areas. In the Water Resources Development Act of 2016 (WRDA 2016), Congress authorized the Central Everglades Planning Project. In the Water Resources Development Act of 2018 (WRDA 2018), Congress authorized the EAA Reservoir and Stormwater Treatment Area.

From 2000 through 2018, 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. The District and USACE continue to work closely in managing the Design Agreement and CERP Master Agreement work and expenditures to maintain the 50-50 cost-share balance without the District being required to make cash contributions to 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: C-111 Spreader Canal Western, C-44 Reservoir Pump Station and Stormwater Treatment Area,

Biscayne Bay Coastal Wetlands - Phase 1, Picayune Strand Restoration, and the Caloosahatchee (C-43) West Basin Storage Reservoir. The tentative Fiscal Year 2019-20 Budget includes new and prior years State Appropriations funding of $376 million for planning, design, construction and land acquisition for the Everglades Agricultural Area Storage Reservoir Conveyance Improvements and Stormwater Treatment Area along with the Caloosahatchee (C-43) West Basin Storage Reservoir. 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 Restoration (Merritt Pump Station and Faka Union Pump Station and Miller Pump Station) projects, Site 1 Phase 1 Project and the Melaleuca Eradication and Other Exotic Plants Project are now in the post-construction Operation and Maintenance phase.

Budget Variances

The Fiscal Year 2019-20 Tentative Budget has a 50.7 percent ($137.3 million) increase from the Fiscal Year 2018-19 Adopted Budget of $270.7 million.

The major variances in expense categories are:

Contracted Services increased 660.6 percent ($51.4 million) primarily due to the additional funding from the Legislature for the Lake Okeechobee Watershed Protection Program ($50.0 million).

Operating Expenses increased 96.1 percent ($3.8 million) primarily due to increased cash flow requirements for the Old Tamiami Trail Road Removal and new works for the C-44 Reservoir Pump Station and Stormwater Treatment Area operational, testing, and monitoring phase.

Operating Capital Outlay increased 14,506.4 percent ($9.1 million) primarily due to increased cash flow requirements the Everglades Agricultural Area Storage Reservoir Conveyance Improvements and Stormwater Treatment Area.

Fixed Capital Outlay increased 30.6 percent ($72.8 million) due to increased primarily due to increased cash flow requirements the Everglades Agricultural Area Storage Reservoir Conveyance Improvements and Stormwater Treatment Area.

Major Budget Items for this Specific Program include the following:

- Salaries and Benefits ($6.9 million).

Appendix C includes projects that are funded with Contracted Services, Operating Expenses and Fixed Capital Outlay. The projects listed below are also addressed in their respective state programs.

Project Name	Salaries and Benefits	Other Personal Services	Contracted Services	Operating Expenses	Operating Capital Outlay	Fixed Capital Outlay	Interagency Expenditures	Debt	Reserves	Grand Total
Caloosahatchee River (C-43) West Basin Storage Reservoir	$ 635,059	$ -	$ -	$ -	$ -	$ 140,500,000	$ -	$ -	$ -	$ 141,135,059
CEPP New Water Future Projects	$ 99,465	$ -	$ 102,893	$ -	$ 7,810,000	$ 127,801,802	$ -	$ -	$ -	$ 135,814,160
CEPP South: Old Tamiami Trail Removal	$ 46,163	$ -	$ -	$ 3,295,000	$ -	$ -	$ -	$ -	$ -	$ 3,341,163
CEPP South: S-333N Increase	$ 12,569	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 12,569
CERP - C-44/C-23 Interconnect	$ -	$ -	$ -	$ -	$ -	$ 4,000,000	$ -	$ -	$ -	$ 4,000,000
CERP Biscayne Bay Coastal Wetlands Ph1	$ -	$ -	$ -	$ -	$ 1,300,000	$ -	$ -	$ -	$ -	$ 1,300,000
CERP Biscayne Bay Coastal Wetlands Ph2	$ -	$ -	$ 1,500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,500,000
CERP-Lake Okeechobee Watershed Restoration Project	$ 209,855	$ -	$ 50,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 50,209,855
Everglades Agricultural Area (EAA) Storage Reservoir Conveyance Improvements and Stormwater Treatment Area (STA) CEPP New Water: A-2 STA	$ 225,133	$ -	$ -	$ -	$ -	$ 22,847,107	$ -	$ -	$ -	$ 23,072,240
Everglades Agricultural Area (EAA) Storage Reservoir Conveyance Improvements and Stormwater Treatment Area (STA) CEPP New Water: Miami & North New River Canals	$ 43,495	$ -	$ -	$ -	$ -	$ 6,376,180	$ -	$ -	$ -	$ 6,419,675
Grand Total	**$ 1,271,739**	**$ -**	**$ 51,602,893**	**$ 3,295,000**	**$ 9,110,000**	**$ 301,525,089**	**$ -**	**$ -**	**$ -**	**$ 366,804,721**

The following are the other Major Budget items not included in Appendix C:

Major budget items to implement the CERP in Fiscal Year 2019-20 include continued design, construction, and other activities for projects.

- Contracted Services:
  - RECOVER and adaptive assessment and monitoring ($156,000).
  - WCA-3 Decompartmentalization and Sheetflow Enhancement Part 1 Project ($467,505) for sampling and laboratory analysis in support of Decompartmentalization Physical Model testing.
- Operating Expenses:
  - Program indirect support ($3.3 million).
- Fixed Capital Outlay:
  - CERP future land acquisition ($8.6 million).
- Interagency Expenditures:

- RECOVER and adaptive assessment and monitoring ($890,902).
- WCA-3 Decompartmentalization and Sheetflow Enhancement Part 1 Project ($275,000) for sampling and laboratory analysis in support of Decompartmentalization Physical Model testing.

- Debt:
  - Debt service payments ($13.6 million).

IV. PROGRAM ALLOCATIONS

C. Program Allocations by Area of Responsibility

Subsection 373.535(1)(a)2., Florida Statutes, requires the District to report the total estimated amount in the District budget for each area of responsibility (AOR). All programs and activities at water management districts are categorized by four AORs: water supply, water quality, flood protection and floodplain management, and natural systems.

Expenditures in the four AORs are provided only at the program level. These AOR (water supply, water quality, flood protection and floodplain management, and natural systems) expenditures are estimates only and have been allocated among the programs, since a project may serve more than one purpose.

Therefore, the AOR expenditures should be viewed only as one indication of whether the District is adequately addressing each AOR.

The following tables provide the AOR expenditures for Fiscal Years 2017-18 (Actual – Audited), 2018-19 (Adopted Budget) and 2019-20 (Tentative Budget).

IV. PROGRAM ALLOCATIONS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PROGRAMS, ACTIVITIES AND SUBACTIVITIES BY AREA OF RESPONSIBILITY

Fiscal Year 2017-18 (Actual - Audited)

TENTATIVE BUDGET - Fiscal Year 2019-20

PROGRAMS, ACTIVITIES AND SUB-ACTIVITIES	Fiscal Year 2017-18 (Actual - Audited)	Water Supply	Water Quality	Flood Protection	Natural Systems
1.0 Water Resources Planning and Monitoring	**$36,397,565**	**$6,856,370**	**$18,519,034**	**$1,681,821**	**$9,340,340**
1.1 - District Water Management Planning	13,407,452	X	X	X	X
1.1.1 Water Supply Planning	4,883,458	X			X
1.1.2 Minimum Flows and Levels	412,547	X			X
1.1.3 Other Water Resources Planning	8,111,447	X	X	X	X
1.2 - Research, Data Collection, Analysis and Monitoring	20,254,992	X	X	X	X
1.3 - Technical Assistance	201,466	X			X
1.4 - Other Water Resources Planning and Monitoring Activities	0				
1.5 - Technology & Information Services	2,533,655		X		X
2.0 Land Acquisition, Restoration and Public Works	**$219,088,122**	**$34,237,928**	**$72,950,700**	**$2,970,407**	**$108,929,087**
2.1 - Land Acquisition	0				
2.2 - Water Source Development	3,375,440	X			
2.2.1 Water Resource Development Projects	242,264	X			
2.2.2 Water Supply Development Assistance	3,133,176	X			
2.2.3 Other Water Source Development Activities	0				
2.3 - Surface Water Projects	213,444,641	X	X	X	X
2.4 - Other Cooperative Projects	586,334	X			
2.5 - Facilities Construction and Major Renovations	0				
2.6 - Other Acquisition and Restoration Activities	0				
2.7 - Technology & Information Service	1,681,707		X	X	X
3.0 Operation and Maintenance of Lands and Works	**$197,364,366**	**$46,328,813**	**$29,235,341**	**$104,219,744**	**$17,580,468**
3.1 - Land Management	11,331,890	X	X	X	X
3.2 - Works	139,228,520	X	X	X	X
3.3 - Facilities	4,615,416	X	X	X	X
3.4 - Invasive Plant Control	20,858,251	X	X	X	X
3.5 - Other Operation and Maintenance Activities	4,273,719	X	X	X	X
3.6 - Fleet Services (2)	7,128,314	X	X	X	X
3.7 - Technology & Information Services (1)	9,928,256	X	X	X	X
4.0 Regulation	**$17,419,301**	**$5,879,467**	**$4,015,902**	**$3,761,863**	**$3,762,069**
4.1 - Consumptive Use Permitting	4,324,678	X			
4.2 - Water Well Construction Permitting and Contractor Licensing	0				
4.3 - Environmental Resource and Surface Water Permitting	7,888,042	X	X	X	X
4.4 - Other Regulatory and Enforcement Activities	2,496,149	X	X	X	X
4.5 - Technology & Information Service	2,710,432	X	X	X	X
5.0 Outreach	**$1,069,116**	**$278,160**	**$263,652**	**$263,652**	**$263,652**
5.1 - Water Resource Education	0				
5.2 - Public Information	1,060,616	X	X	X	X
5.3 - Public Relations	0				
5.4 - Cabinet & Legislative Affairs	8,500	X	X	X	X
5.5 - Other Outreach Activities	0				
5.6 - Technology & Information Service	0				
SUBTOTAL - Major Programs (excluding Management and Administration)	*$471,338,470*				
6.0 District Management and Administration	**$27,019,673**				
6.1 - Administrative and Operations Support	21,867,953				
6.1.1 - Executive Direction	352,009				
6.1.2 - General Counsel / Legal	3,198,212				
6.1.3 - Inspector General	813,253				
6.1.4 - Administrative Support	4,469,277				
6.1.5 - Fleet Services	0				
6.1.6 - Procurement / Contract Administration	1,867,145				
6.1.7 - Human Resources	1,529,331				
6.1.8 - Communications	229,806				
6.1.9 - Technology & Information Services	9,408,920				
6.2 - Computer/Computer Support	0				
6.3 - Reserves	0				
6.4 - Other - (Tax Collector / Property Appraiser Fees)	5,151,720				
TOTAL	**$498,358,143**				

IV. PROGRAM ALLOCATIONS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PROGRAMS, ACTIVITIES AND SUBACTIVITIES BY AREA OF RESPONSIBILITY

Fiscal Year 2018-19 (Adopted)

TENTATIVE BUDGET - Fiscal Year 2019-20

PROGRAMS, ACTIVITIES AND SUB-ACTIVITIES	Fiscal Year 2018-19 (Adopted)	Water Supply	Water Quality	Flood Protection	Natural Systems
1.0 Water Resources Planning and Monitoring	**$53,144,571**	**$18,924,211**	**$20,487,613**	**$2,093,857**	**$11,638,890**
1.1 - District Water Management Planning	25,032,011	X	X	X	X
1.1.1 Water Supply Planning	17,025,186	X			X
1.1.2 Minimum Flows and Levels	303,691	X			X
1.1.3 Other Water Resources Planning	7,703,134	X	X	X	X
1.2 - Research, Data Collection, Analysis and Monitoring	24,873,808	X	X	X	X
1.3 - Technical Assistance	210,833	X			X
1.4 - Other Water Resources Planning and Monitoring Activities	0				
1.5 - Technology & Information Services	3,027,919		X		X
2.0 Land Acquisition, Restoration and Public Works	**$417,023,428**	**$65,593,276**	**$145,117,965**	**$3,817,669**	**$202,494,518**
2.1 - Land Acquisition	0				
2.2 - Water Source Development	279,211	X			
2.2.1 Water Resource Development Projects	228,152	X			
2.2.2 Water Supply Development Assistance	51,059	X			
2.2.3 Other Water Source Development Activities	0				
2.3 - Surface Water Projects	414,804,111	X	X	X	X
2.4 - Other Cooperative Projects	277,514	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	1,662,592		X	X	X
3.0 Operation and Maintenance of Lands and Works	**$283,437,024**	**$73,515,832**	**$36,705,862**	**$146,228,061**	**$26,987,269**
3.1 - Land Management	17,377,516	X	X	X	X
3.2 - Works	209,179,908	X	X	X	X
3.3 - Facilities	3,933,824	X	X	X	X
3.4 - Invasive Plant Control	29,864,510	X	X	X	X
3.5 - Other Operation and Maintenance Activities	5,099,740	X	X	X	X
3.6 - Fleet Services (2)	7,945,076	X	X	X	X
3.7 - Technology & Information Services (1)	10,036,450	X	X	X	X
4.0 Regulation	**$22,067,874**	**$7,678,254**	**$3,784,523**	**$5,500,270**	**$5,104,827**
4.1 - Consumptive Use Permitting	5,222,979	X			
4.2 - Water Well Construction Permitting and Contractor Licensing	0				
4.3 - Environmental Resource and Surface Water Permitting	8,936,028	X	X	X	X
4.4 - Other Regulatory and Enforcement Activities	4,783,558	X	X	X	X
4.5 - Technology & Information Service	3,125,309	X	X	X	X
5.0 Outreach	**$1,125,455**	**$288,425**	**$279,010**	**$279,010**	**$279,010**
5.1 - Water Resource Education	0				
5.2 - Public Information	1,093,955	X	X	X	X
5.3 - Public Relations	0				
5.4 - Cabinet & Legislative Affairs	31,500	X	X	X	X
5.5 - Other Outreach Activities	0				
5.6 - Technology & Information Service	0				
SUBTOTAL - Major Programs (excluding Management and Administration)	*$776,798,352*				
6.0 District Management and Administration	**$37,098,701**				
6.1 - Administrative and Operations Support	30,348,589				
6.1.1 - Executive Direction	593,241				
6.1.2 - General Counsel / Legal	2,709,532				
6.1.3 - Inspector General	820,586				
6.1.4 - Administrative Support	12,001,999				
6.1.5 - Fleet Services	0				
6.1.6 - Procurement / Contract Administration	2,040,942				
6.1.7 - Human Resources	1,727,646				
6.1.8 - Communications	428,740				
6.1.9 - Technology & Information Services	10,025,903				
6.2 - Computer/Computer Support	0				
6.3 - Reserves	0				
6.4 - Other - (Tax Collector / Property Appraiser Fees)	6,750,112				
TOTAL	**$813,897,053**				

IV. PROGRAM ALLOCATIONS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PROGRAMS, ACTIVITIES AND SUBACTIVITIES BY AREA OF RESPONSIBILITY

Fiscal Year 2019-20 (Tentative Budget)

TENTATIVE BUDGET - Fiscal Year 2019-20

PROGRAMS, ACTIVITIES AND SUB-ACTIVITIES	Fiscal Year 2019-20 (Tentative Budget)	Water Supply	Water Quality	Flood Protection	Natural Systems
1.0 Water Resources Planning and Monitoring	**$51,650,861**	**$18,525,662**	**$19,854,074**	**$2,232,172**	**$11,038,953**
1.1 - District Water Management Planning	20,373,705	X	X	X	X
1.1.1 Water Supply Planning	15,102,487	X			X
1.1.2 Minimum Flows and Levels	337,129	X			X
1.1.3 Other Water Resources Planning	4,934,089	X	X	X	X
1.2 - Research, Data Collection, Analysis and Monitoring	28,015,117	X	X	X	X
1.3 - Technical Assistance	218,692	X			X
1.4 - Other Water Resources Planning and Monitoring Activities	0				
1.5 - Technology & Information Services	3,043,347		X		X
2.0 Land Acquisition, Restoration and Public Works	**$526,857,925**	**$95,777,891**	**$134,403,431**	**$3,202,863**	**$293,473,740**
2.1 - Land Acquisition	0				
2.2 - Water Source Development	239,784	X			
2.2.1 Water Resource Development Projects	218,424	X			
2.2.2 Water Supply Development Assistance	21,360	X			
2.2.3 Other Water Source Development Activities	0				
2.3 - Surface Water Projects	524,654,739	X	X	X	X
2.4 - Other Cooperative Projects	266,220	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	1,697,182		X	X	X
3.0 Operation and Maintenance of Lands and Works	**$302,817,045**	**$75,966,827**	**$40,866,445**	**$152,198,035**	**$33,785,738**
3.1 - Land Management	27,666,266	X	X	X	X
3.2 - Works	219,148,541	X	X	X	X
3.3 - Facilities	4,027,189	X	X	X	X
3.4 - Invasive Plant Control	28,455,431	X	X	X	X
3.5 - Other Operation and Maintenance Activities	5,502,946	X	X	X	X
3.6 - Fleet Services (2)	8,218,066	X	X	X	X
3.7 - Technology & Information Services (1)	9,798,606	X	X	X	X
4.0 Regulation	**$21,767,846**	**$7,680,454**	**$3,699,533**	**$5,386,857**	**$5,001,002**
4.1 - Consumptive Use Permitting	5,274,382	X			
4.2 - Water Well Construction Permitting and Contractor Licensing	0				
4.3 - Environmental Resource and Surface Water Permitting	8,776,364	X	X	X	X
4.4 - Other Regulatory and Enforcement Activities	4,550,893	X	X	X	X
4.5 - Technology & Information Service	3,166,207	X	X	X	X
5.0 Outreach	**$1,075,274**	**$276,128**	**$266,382**	**$266,382**	**$266,382**
5.1 - Water Resource Education	0				
5.2 - Public Information	1,043,774	X	X	X	X
5.3 - Public Relations	0				
5.4 - Cabinet & Legislative Affairs	31,500	X	X	X	X
5.5 - Other Outreach Activities	0				
5.6 - Technology & Information Service	0				
SUBTOTAL - Major Programs (excluding Management and Administration)	*$904,168,951*				
6.0 District Management and Administration	**$37,688,589**				
6.1 - Administrative and Operations Support	30,928,707				
6.1.1 - Executive Direction	819,243				
6.1.2 - General Counsel / Legal	2,946,310				
6.1.3 - Inspector General	859,063				
6.1.4 - Administrative Support	11,458,713				
6.1.5 - Fleet Services	0				
6.1.6 - Procurement / Contract Administration	1,967,835				
6.1.7 - Human Resources	1,607,340				
6.1.8 - Communications	428,740				
6.1.9 - Technology & Information Services	10,841,463				
6.2 - Computer/Computer Support	0				
6.3 - Reserves	0				
6.4 - Other - (Tax Collector / Property Appraiser Fees)	6,759,882				
TOTAL	**$941,857,540**				

V. SUMMARY OF STAFFING LEVELS

This section summarizes workforce levels at the District from Fiscal Year 2015-16 to Fiscal Year 2019-20.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

SUMMARY OF WORKFORCE

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

TENTATIVE BUDGET - Fiscal Year 2019-20

PROGRAM	WORKFORCE CATEGORY	2015-16 to 2019-20							Adopted to Tentative 2018-19 to 2019-20	
		Difference	% Change	2015-16	2016-17	2017-18	2018-19	2019-20	Difference	% Change
All Programs	Authorized Positions	(55)	-3.59%	1,530	1,475	1,475	1,475	1,475	-	0.00%
	Contingent Worker	-		-	-	-	-	-	-	
	Other Personal Services	(2)	-40.00%	5	4	4	4	3	(1)	-25.00%
	Intern	-		-	-	-	-	-	-	
	Volunteer	-		-	-	-	-	-	-	
	TOTAL WORKFORCE	(57)	-3.71%	1,535	1,479	1,479	1,479	1,478	(1)	-0.07%
Water Resources Planning and Monitoring	Authorized Positions	(3)	-1.26%	238	232	238	244	235	(9)	-3.69%
	Contingent Worker	-		-	-	-	-	-	-	
	Other Personal Services	(1)	-50.00%	2	1	1	1	1	-	0.00%
	Intern	-		-	-	-	-	-	-	
	Volunteer	-		-	-	-	-	-	-	
	TOTAL WORKFORCE	(4)	-1.67%	240	233	239	245	236	(9)	-3.67%
Land Acquisition, Restoration and Public Works	Authorized Positions	8	5.33%	150	128	122	144	158	14	9.72%
	Contingent Worker	-		-	-	-	-	-	-	
	Other Personal Services	-		-	-	-	-	-	-	
	Intern	-		-	-	-	-	-	-	
	Volunteer	-		-	-	-	-	-	-	
	TOTAL WORKFORCE	8	5.33%	150	128	122	144	158	14	9.72%
Operation and Maintenance of Lands and Works	Authorized Positions	(3)	-0.40%	751	754	758	750	748	(2)	-0.27%
	Contingent Worker	-		-	-	-	-	-	-	
	Other Personal Services	(1)	-100.00%	1	1	1	1	-	(1)	-100.00%
	Intern	-		-	-	-	-	-	-	
	Volunteer	-		-	-	-	-	-	-	
	TOTAL WORKFORCE	(4)	-0.53%	752	755	759	751	748	(3)	-0.40%
Regulation	Authorized Positions	(45)	-21.53%	209	191	188	164	164	-	0.00%
	Contingent Worker	-		-	-	-	-	-	-	
	Other Personal Services	-	0.00%	2	2	2	2	2	-	0.00%
	Intern	-		-	-	-	-	-	-	
	Volunteer	-		-	-	-	-	-	-	
	TOTAL WORKFORCE	(45)	-21.33%	211	193	190	166	166	-	0.00%
Outreach	Authorized Positions	(12)	-57.14%	21	10	9	9	9	-	0.00%
	Contingent Worker	-		-	-	-	-	-	-	
	Other Personal Services	-		-	-	-	-	-	-	
	Intern	-		-	-	-	-	-	-	
	Volunteer	-		-	-	-	-	-	-	
	TOTAL WORKFORCE	(12)	-57.14%	21	10	9	9	9	-	0.00%
District Management and Administration	Authorized Positions	-	0.00%	161	160	160	164	161	(3)	-1.83%
	Contingent Worker	-		-	-	-	-	-	-	
	Other Personal Services	-		-	-	-	-	-	-	
	Intern	-		-	-	-	-	-	-	
	Volunteer	-		-	-	-	-	-	-	
	TOTAL WORKFORCE	-	0.00%	161	160	160	164	161	(3)	-1.83%

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 three of the core mission areas of the District – natural systems, water quality, and water supply – as well as mission support activities. The information is reported as of the end of Fiscal Year 2017-18 and is in a standard format developed for this report.

Overall Goal: The District budget maintains core missions and prioritized programs are administered both effectively and efficiently.

A. Natural Systems

Primary Goal: To restore the hydrology of natural systems and improve water quality of natural systems.

- Natural System Objective 1: Maintain the integrity and functions of water resources and related natural systems.
  - Number of Minimum Flows and Minimum Water Levels (MFLs) and Reservations, by water body type, established annually (fiscal year) and cumulatively.
  - Number and percentage of water bodies meeting their adopted MFLs.

South Florida Water Management District

PERFORMANCE MEASURES - NATURAL SYSTEMS

Fiscal Year 2017-18 End of Year Performance Data

Tentative Budget - August 1, 2019

Natural System Primary Goal: To restore the hydrology of natural systems and improve water quality of natural systems.

NS Objective 1: Maintain the integrity and functions of water resources and related natural systems		
Annual Measures	**Fiscal Year 2017-18**	
Number of MFLs and Reservations, by water body type, established annually (fiscal year) and cumulatively	**Annual**	**Cumulative**
Aquifer	0	14
Estuary	0	6
Lake	0	2
River	0	2
Spring	0	0
Wetland	0	21
Number and percentage of water bodies meeting their adopted MFLs	**Annual**	**Percent**
Number of water bodies meeting MFLs	17	42.50%
Number of water bodies with adopted MFLs	40	

- Natural System Objective 2: Restore or improve degraded water resources and related natural systems to a naturally functioning condition.
  - For water bodies not meeting their adopted MFLs, the number and percentage of those water bodies within an adopted or approved recovery prevention strategy.

VI. PERFORMANCE MEASURES

South Florida Water Management District
PERFORMANCE MEASURES - NATURAL SYSTEMS
Fiscal Year 2017-18 End of Year Performance Data
Tentative Budget - August 1, 2019

Natural System Primary Goal: To restore the hydrology of natural systems and improve water quality of natural systems.

NS Objective 2: Restore or improve degraded water resources and related natural systems to a naturally functioning condition.		
Annual Measures	Fiscal Year 2017-18	
For water bodies not meeting their adopted MFLs, the number and percentage of those water bodies with an adopted recovery or prevention strategy.	Annual	Percent
Number of water bodies with an adopted recovery or prevention strategy	23	100.00%
Number of water bodies supposed to have an adopted recovery or prevention strategy	23	

B. Water Quality

Primary Goal: To achieve and maintain surface water quality standards.

- Water Quality Objective 1: Identify the efficiency of permit review, issuance and relative cost of permit processing.
  - For closed applications, median time to process Environmental Resource Permits (ERPs) by permit type and total.
  - For ERPs, cost to issue permit for all permit types.
  - For ERPs, in-house application to staff ratio for all permit types.

South Florida Water Management District
PERFORMANCE MEASURES - WATER QUALITY
Fiscal Year 2017-18 End of Year Performance Data
Tentative Budget - August 1, 2019

Water Quality Primary Goal: To achieve and maintain surface water quality standards

WQ Objective 1: Identify the efficiency of permit review, issuance and relative cost of permit processing.										
Quarterly Measures	Quarter 1		Quarter 2		Quarter 3		Quarter 4		FY 2017-18 Annualized Performance	
For closed applications, the median time to process ERP by permit type and total.	Median		Median		Median		Median		Median	
Exemptions and noticed general permits	16.00		14.00		14.00		16.00		15.00	
Individually processed permits	21.00		22.00		22.00		22.00		22.00	
All authorizations combined	20.00		19.00		20.00		21.00		20.00	
For ERPs, cost to issue permit for all permit types	Number	Cost/Permit	Number	Cost/Permit	Number	Cost/Permit	Number	Cost	Number	Cost/Permit
Total cost	$415,922.22	$577.67	$265,311.17	$360.48	$271,061.17	$342.68	$264,405.23	$343.38	$1,216,699.79	$403.28
Number of permits	**720**		**736**		**791**		**770**		**3,017**	
For ERP, In-House Application to Staff Ratio for All Permit Types	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio
Total number of open applications	**720**	**28.02**	**736**	**43.29**	**791**	**46.53**	**770**	**45.40**	**3,017**	39.36
Number of staff for the permit area	25.70		17.00		17.00		16.96		76.66	

C. Water Supply

Primary Goal: To ensure a safe and adequate source of water for all users.

- Water Supply Objective 1: Increase available water supplies and maximize overall water use efficiency to meet identified existing and future needs.

- Districtwide, estimated amount of water (million gallons per day_ made available through projects that the District has constructed or contributed funding to, excluding conservation projects.
- Uniform residential per capita water use (Public Supply) by District (gallons per capita per day).

South Florida Water Management District

PERFORMANCE MEASURES - WATER SUPPLY

Fiscal Year 2017-18 End of Year Performance Data

Tentative Budget - August 1, 2019

Water Supply Primary Goal: To ensure a safe and adequate source of water for all users

WS Objective 1: Increase available water supplies and maximize overall water use efficiency to meet identified existing and future needs.	
Annual Measure	Fiscal Year 2017-18
District-wide, the quantity (mgd) of the 2010-2030 Public Supply increase in demand that has been met, excluding water conservation projects	MGD
	263.64
Uniform residential per capita water use (Public Supply) by District (gallons per capita per day).	GPCD
	79.00

- Water Supply Objective 2: To identify the efficiency of permit review and issuance and relative cost of permit processing.
  - For closed applications, median time to process Consumptive Use Permits (CUPs) by permit type and total.
  - For CUPs, cost to issue permit for all permit types.
  - For CUPs, in-house application to staff ratio for all permit types.

South Florida Water Management District

PERFORMANCE MEASURES - WATER SUPPLY

Fiscal Year 2017-18 End of Year Performance Data

Tentative Budget - August 1, 2019

Water Supply Primary Goal: To ensure a safe and adequate source of water for all users

WS Objective 2: To identify the efficiency of permit review and issuance and relative cost of permit processing.										
Quarterly Measures	Quarter 1		Quarter 2		Quarter 3		Quarter 4		FY 2017-18 Annualized Performance	
For closed applications, the median time to process CUP by permit type and total.	Median		Median		Median		Median		Median	
Individually processed permits (all sizes)	5.00		4.00		6.00		6.00		5.00	
All authorizations combined	6.00		4.00		6.00		6.00		6.00	
For CUPs, cost to issue permit for all permit types (BPM and Metric - Report Quarterly Measures)	Number	Cost	Number	Cost	Number	Cost	Number	Cost	Number	Cost
Total cost	$282,306.00	$588.14	$210,966.57	$404.15	$211,087.31	$367.11	$185,860.16	$325.50	$890,220.04	$414.44
Number of permits	480		522		575		571		2,148	
For CUP, In-House application to staff ratio for all permit types (Metric - Report Quarterly Measures)	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio
Total number of open applications	480	27.27	522	38.38	575	40.78	571	44.61	2,148	36.97
Number of staff for the permit area	17.60		13.60		14.10		12.80		58.10	

VI. PERFORMANCE MEASURES

D. Mission Support

Primary Goal: Support District core programs both effectively and efficiently.

- Mission Support Objective 1: To assess the ongoing costs of administrative and support operations in order to achieve optimal efficiency to minimize costs.
  - Administrative costs as a percentage of total expenditures (cumulative totals reported for each quarter during a fiscal year).

South Florida Water Management District

PERFORMANCE MEASURES - MISSION SUPPORT

Fiscal Year 2017-18 End of Year Performance Data

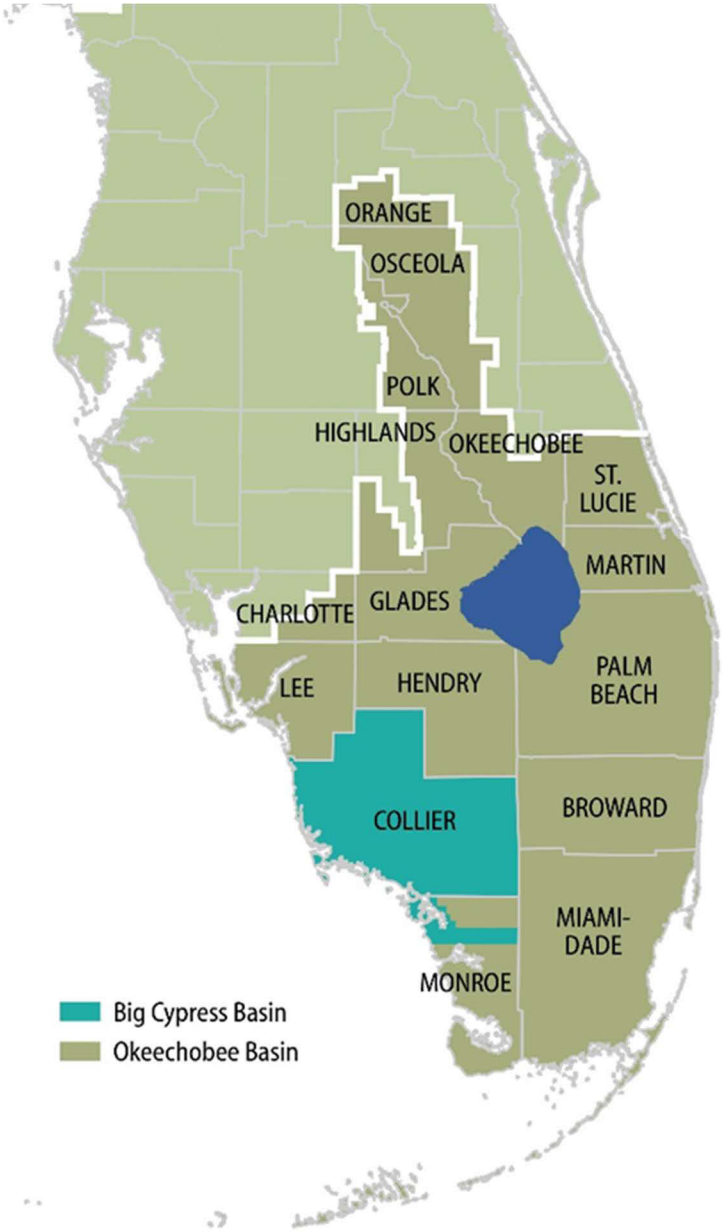
Tentative Budget - August 1, 2019

Mission Support Primary Goal: Support District core programs both effectively and efficiently.

MS Objective 1: To assess the ongoing costs of administrative and support operations in order to achieve optimal efficiency to minimize costs.		
Annual Measure	Fiscal Year 2017-18	
Administrative Costs (State 5-6) as a Percentage of Total Expenditures (report cumulative totals for each quarter during a fiscal year)	Number	Percentage
Administrative Costs (State 5-6)	$36,663,980	7.11%
Total expenditures (State 1-6)	$515,563,916	

VII. BASIN BUDGETS

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 was 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.



VII. BASIN BUDGETS

A. Big Cypress Basin

The Big Cypress Basin encompasses all of Collier and a small portion of mainland Monroe counties. The basin also 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.

Property owners within the Big Cypress Basin were most recently assessed through the Fiscal Year 2018-19 Adopted Budget the aggregate rolled-back millage rate of 0.2440 mills which is comprised of the District-at-large rolled-back millage rate of 0.1209 mills and the Big Cypress Basin rolled-back millage rate of 0.1231 mills.

The Fiscal Year 2019-20 proposed rolled-back millage rate for the property owners within the Big Cypress Basin is 0.2344 mills which is comprised of the District-at-large rolled-back millage rate of 0.1152 mills and the Big Cypress Basin rolled-back millage rate of 0.1192 mills. The impact of the proposed rolled-back millage rate is a savings of $0.96 per $100,000 taxable value for property owners within the Big Cypress Basin. Final millage rates and budget for the proposed Fiscal Year 2019-20 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 2019.

VII. BASIN BUDGETS

ACTUAL AUDITED - REVENUES, EXPENDITURES, AND PERSONNEL BY PROGRAM FOR FISCAL YEAR 2017-18

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Big Cypress Basin

	Water Resource Planning and Monitoring	Land Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	Management and Administration	TOTAL
REVENUES							
Non-dedicated Revenues							
Reserves							
Ad Valorem Taxes							
Permit & License Fees							
Local Revenues							
State General Revenue							
Miscellaneous Revenues							
Non-dedicated Revenues Subtotal							$ -
Dedicated Revenues							
District Revenues	$ 2,266,188	$ 504,440	$ 7,260,151	$ -	$ -	$ 288,866	$ 10,319,645
Reserves	-	-	4,805,124	-	-	-	$ 4,805,124
Debt - Certificate of Participation (COPS)	-	-	-	-	-	-	$ -
Local Revenues	-	-	-	-	-	-	$ -
State General Revenues	-	-	-	-	-	-	$ -
Land Acquisition Trust Fund	-	-	-	-	-	-	$ -
FDEP/EPC Gardinier Trust Fund	-	-	-	-	-	-	$ -
P2000 Revenue	-	-	-	-	-	-	$ -
FDOT/Mitigation	-	-	-	-	-	-	$ -
Water Management Lands Trust Fund	-	-	-	-	-	-	$ -
Water Quality Assurance (SWIM) Trust Fund	-	-	-	-	-	-	$ -
Florida Forever	-	-	-	-	-	-	$ -
Save Our Everglades Trust Fund	-	-	-	-	-	-	$ -
Alligator Alley Tolls	-	-	-	-	-	-	$ -
Other State Revenue	-	-	-	-	-	-	$ -
Federal Revenues	-	-	-	-	-	-	$ -
Federal through State (FDEP)	-	-	-	-	-	-	$ -
Dedicated Revenues Subtotal	2,266,188	504,440	12,065,275	-	-	288,866	$ 15,124,769
TOTAL REVENUES	$ 2,266,188	$ 504,440	$ 12,065,275	$ -	$ -	$ 288,866	$ 15,124,769
EXPENDITURES							
Salaries and Benefits	$ 376,655	$ 35	$ 1,634,640	$ -	$ -	$ -	$ 2,011,330
Other Personal Services	-	-	-	-	-	-	$ -
Contracted Services	-	-	587,562	-	-	4,700	$ 592,262
Operating Expenses	138,972	-	4,478,032	-	-	284,166	$ 4,901,170
Operating Capital Outlay	-	-	908,338	-	-	-	$ 908,338
Fixed Capital Outlay	-	-	4,456,703	-	-	-	$ 4,456,703
Interagency Expenditures	1,750,561	504,405	-	-	-	-	$ 2,254,966
Debt	-	-	-	-	-	-	$ -
Reserves	-	-	-	-	-	-	$ -
TOTAL EXPENDITURES	$ 2,266,188	$ 504,440	$ 12,065,275	$ -	$ -	$ 288,866	$ 15,124,769
PERSONNEL							
Full-time Equivalents	4	0	23	0	0	0	27
Contract/Other	0	0	0	0	0	0	0
TOTAL PERSONNEL	4	0	23	0	0	0	27

VII. BASIN BUDGETS

ADOPTED BUDGET - REVENUES, EXPENDITURES, AND PERSONNEL BY PROGRAM FOR FISCAL YEAR 2018-19

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Big Cypress Basin

	Water Resource Planning and Monitoring	Land Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	Management and Administration	TOTAL
REVENUES							
Non-dedicated Revenues							
Reserves							
Ad Valorem Taxes							
Permit & License Fees							
Local Revenues							
State General Revenue							
Miscellaneous Revenues							
Non-dedicated Revenues Subtotal							$ -
Dedicated Revenues							
District Revenues	$ 3,681,744	$ -	$ 6,661,882	$ -	$ -	$ 330,901	$ 10,674,527
Reserves	6,815	-	4,532,316	-	-	-	$ 4,539,131
Debt - Certificate of Participation (COPS)	-	-	-	-	-	-	$ -
Local Revenues	-	-	-	-	-	-	$ -
State General Revenues	-	-	-	-	-	-	$ -
Land Acquisition Trust Fund	-	-	-	-	-	-	$ -
FDEP/EPC Gardinier Trust Fund	-	-	-	-	-	-	$ -
P2000 Revenue	-	-	-	-	-	-	$ -
FDOT/Mitigation	-	-	-	-	-	-	$ -
Water Management Lands Trust Fund	-	-	-	-	-	-	$ -
Water Quality Assurance (SWIM) Trust Fund	-	-	-	-	-	-	$ -
Florida Forever	-	-	-	-	-	-	$ -
Save Our Everglades Trust Fund	-	-	-	-	-	-	$ -
Alligator Alley Tolls	-	-	-	-	-	-	$ -
Other State Revenue	-	-	-	-	-	-	$ -
Federal Revenues	-	-	-	-	-	-	$ -
Federal through State (FDEP)	-	-	-	-	-	-	$ -
Dedicated Revenues Subtotal	3,688,559	-	11,194,198	-	-	330,901	$ 15,213,658
TOTAL REVENUES	$ 3,688,559	$ -	$ 11,194,198	$ -	$ -	$ 330,901	$ 15,213,658
EXPENDITURES							
Salaries and Benefits	$ 667,462	$ -	$ 1,953,531	$ -	$ -	$ -	$ 2,620,993
Other Personal Services	-	-	-	-	-	-	$ -
Contracted Services	96,000	-	313,444	-	-	-	$ 409,444
Operating Expenses	149,220	-	2,178,363	-	-	330,901	$ 2,658,484
Operating Capital Outlay	-	-	265,000	-	-	-	$ 265,000
Fixed Capital Outlay	-	-	4,421,360	-	-	-	$ 4,421,360
Interagency Expenditures	2,775,877	-	62,500	-	-	-	$ 2,838,377
Debt	-	-	-	-	-	-	$ -
Reserves	-	-	2,000,000	-	-	-	$ 2,000,000
TOTAL EXPENDITURES	$ 3,688,559	$ -	$ 11,194,198	$ -	$ -	$ 330,901	$ 15,213,658
PERSONNEL							
Full-time Equivalents	7	0	21	0	0	0	28
Contract/Other	0	0	0	0	0	0	0
TOTAL PERSONNEL	7	0	21	0	0	0	28

VII. BASIN BUDGETS

TENTATIVE BUDGET - REVENUES, EXPENDITURES, AND PERSONNEL BY PROGRAM FOR FISCAL YEAR 2019-20

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Big Cypress Basin

	Water Resource Planning and Monitoring	Land Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	Management and Administration	TOTAL
REVENUES							
Non-dedicated Revenues							
Reserves							
Ad Valorem Taxes							
Permit & License Fees							
Local Revenues							
State General Revenue							
Miscellaneous Revenues							
Non-dedicated Revenues Subtotal							$ -
Dedicated Revenues							
District Revenues	$ 3,056,415	$ -	$ 7,547,565	$ -	$ -	$ 340,671	$ 10,944,651
Reserves	1,039,495	-	2,000,000	-	-	-	$ 3,039,495
Debt - Certificate of Participation (COPS)	-	-	-	-	-	-	$ -
Local Revenues	-	-	-	-	-	-	$ -
State General Revenues	-	-	-	-	-	-	$ -
Land Acquisition Trust Fund	-	-	-	-	-	-	$ -
FDEP/EPC Gardinier Trust Fund	-	-	-	-	-	-	$ -
P2000 Revenue	-	-	-	-	-	-	$ -
FDOT/Mitigation	-	-	`	-	-	-	$ -
Water Management Lands Trust Fund	-	-	-	-	-	-	$ -
Water Quality Assurance (SWIM) Trust Fund	-	-	-	-	-	-	$ -
Florida Forever	-	-	-	-	-	-	$ -
Save Our Everglades Trust Fund	-	-	-	-	-	-	$ -
Alligator Alley Tolls	-	-	-	-	-	-	$ -
Other State Revenue	-	-	-	-	-	-	$ -
Federal Revenues	-	-	-	-	-	-	$ -
Federal through State (FDEP)	-	-	-	-	-	-	$ -
Dedicated Revenues Subtotal	4,095,910	-	9,547,565	-	-	340,671	$ 13,984,146
TOTAL REVENUES	$ 4,095,910	$ -	$ 9,547,565	$ -	$ -	$ 340,671	$ 13,984,146
EXPENDITURES							
Salaries and Benefits	$ 742,202	$ -	$ 1,815,658	$ -	$ -	$ -	$ 2,557,860
Other Personal Services	-	-	-	-	-	-	$ -
Contracted Services	556,000	-	153,326	-	-	-	$ 709,326
Operating Expenses	147,010	-	3,454,781	-	-	340,671	$ 3,942,462
Operating Capital Outlay	-	-	457,800	-	-	-	$ 457,800
Fixed Capital Outlay	-	-	1,603,500	-	-	-	$ 1,603,500
Interagency Expenditures	2,650,698	-	62,500	-	-	-	$ 2,713,198
Debt	-	-	-	-	-	-	$ -
Reserves	-	-	2,000,000	-	-	-	$ 2,000,000
TOTAL EXPENDITURES	$ 4,095,910	$ -	$ 9,547,565	$ -	$ -	$ 340,671	$ 13,984,146
PERSONNEL							
Full-time Equivalents	7	0	21	0	0	0	28
Contract/Other	0	0	0	0	0	0	0
TOTAL PERSONNEL	7	0	21	0	0	0	28

VII. BASIN BUDGETS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

SOURCES, USES, AND WORKFORCE COMPARISON FOR THREE FISCAL YEARS

Fiscal Years 2017-18 (Actual - Audited) 2018-19 (Adopted) 2019-20 (Tentative)

TENTATIVE BUDGET - Fiscal Year 2019-20

Big Cypress Basin

AD VALOREM TAX COMPARISON BIG CYPRESS BASIN	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	(Tentative -- Adopted)
Ad Valorem Taxes	$ 10,151,759	$ 10,149,330	$ 10,440,284		
New Construction Estimate	$ -	$ 244,320	$ 221,706		
Millage Rate	0.1270	0.1231	0.1192		
Rolled-Back Rate	0.1270	0.1231	0.1192		
Percent Change from Rolled-Back Rate	0.00%	0.00%	0.00%		
Current Year Gross Taxable Value for Operating Purposes	$ 83,700,890,821	$ 88,410,677,526	$ 93,173,083,441	$ 4,762,405,915	5.4%
Current Year Net New Taxable Value	$ 2,491,679,654	$ 2,077,854,081	$ 1,937,443,835	$ (140,410,246)	-6.8%
Current Year Adjusted Taxable Value	$ 81,209,211,167	$ 86,332,823,445	$ 91,235,639,606	$ 4,902,816,161	5.7%

SOURCE OF FUNDS	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Non-dedicated Source of Funds					
Reserves	-	-	-	-	-
Ad Valorem Taxes	-	-	-	-	-
Permit & License Fees	-	-	-	-	-
Local Revenues	-	-	-	-	-
State General Revenue	-	-	-	-	-
Miscellaneous Revenues	-	-	-	-	-
Non-dedicated Source of Funds Subtotal	-	-	-	-	-
Dedicated Source of Funds					
District Revenues	$ 10,319,645	$ 10,674,527	$ 10,944,651	$ 270,124	2.5%
Reserves	4,805,124	4,539,131	3,039,495	(1,499,636)	-33.0%
Debt - Certificate of Participation (COPS)	-	-	-	-	-
Local Revenues	-	-	-	-	-
State General Revenues	-	-	-	-	-
Land Acquisition Trust Fund	-	-	-	-	-
FDEP/EPC Gardinier Trust Fund	-	-	-	-	-
P2000 Revenue	-	-	-	-	-
FDOT/Mitigation	-	-	-	-	-
Water Management Lands Trust Fund	-	-	-	-	-
Water Quality Assurance (SWIM) Trust Fund	-	-	-	-	-
Florida Forever	-	-	-	-	-
Save Our Everglades Trust Fund	-	-	-	-	-
Alligator Alley Tolls	-	-	-	-	-
Other State Revenue	-	-	-	-	-
Federal Revenues	-	-	-	-	-
Federal through State (FDEP)	-	-	-	-	-
Dedicated Source of Funds Subtotal	15,124,769	15,213,658	13,984,146	(1,229,512)	-8.1%
SOURCE OF FUNDS TOTAL	$ 15,124,769	$ 15,213,658	$ 13,984,146	$ (1,229,512)	-8.1%
USE OF FUNDS					
Salaries and Benefits	$ 2,011,330	$ 2,620,993	$ 2,557,860	$ (63,133)	-2.4%
Other Personal Services	-	-	-	-	-
Contracts	592,262	409,444	709,326	299,882	73.2%
Operating Expenses	4,901,170	2,658,484	3,942,462	1,283,978	48.3%
Operating Capital Outlay	908,338	265,000	457,800	192,800	72.8%
Fixed Capital Outlay	4,456,703	4,421,360	1,603,500	(2,817,860)	-63.7%
Interagency Expenditures	2,254,966	2,838,377	2,713,198	(125,179)	-4.4%
Debt	-	-	-	-	-
Reserves	-	2,000,000	2,000,000	-	0.0%
USE OF FUNDS TOTAL	$ 15,124,769	$ 15,213,658	$ 13,984,146	$ (1,229,512)	-8.1%
WORKFORCE					
Authorized Positions	27	28	28	-	0.0%
Contingent Worker	-	-	-	-	-
Other Personal Services	-	-	-	-	-
TOTAL WORKFORCE	27	28	28	-	0.0%

VII. BASIN BUDGETS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

THREE YEAR USES OF FUNDS BY PROGRAM

Fiscal Years 2017-18 (Actual - Audited) 2018-19 (Adopted) 2019-20 (Tentative)

BIG CYPRESS BASIN

PROGRAMS AND ACTIVITIES	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
1.0 Water Resources Planning and Monitoring	**2,266,189**	**3,688,559**	**4,095,910**	**407,351**	**11.0%**
1.1 - District Water Management Planning	2,266,189	3,592,559	3,294,620	(297,939)	-8.3%
1.1.1 Water Supply Planning	-	-	8,704	8,704	
1.1.2 Minimum Flows and Levels	-	-	-	-	
1.1.3 Other Water Resources Planning	2,266,189	3,592,559	3,285,916	(306,643)	-8.5%
1.2 - Research, Data Collection, Analysis and Monitoring	-	96,000	801,290	705,290	734.7%
1.3 - Technical Assistance	-	-	-	-	
1.4 - Other Water Resources Planning and Monitoring Activities	-	-	-	-	
1.5 - Technology & Information Services	-	-	-	-	
2.0 Land Acquisition, Restoration and Public Works	**504,440**	**-**	**-**	**-**	
2.1 - Land Acquisition	-	-	-	-	
2.2 - Water Source Development	430,655	-	-	-	
2.2.1 Water Resource Development Projects	-	-	-	-	
2.2.2 Water Supply Development Assistance	430,655	-	-	-	
2.2.3 Other Water Source Development Activities	-	-	-	-	
2.3 - Surface Water Projects	35	-	-	-	
2.4 - Other Cooperative Projects	73,750	-	-	-	
2.5 - Facilities Construction and Major Renovations	-	-	-	-	
2.6 - Other Acquisition and Restoration Activities	-	-	-	-	
2.7 - Technology & Information Service	-	-	-	-	
3.0 Operation and Maintenance of Lands and Works	**12,065,274**	**11,194,198**	**9,547,565**	**(1,646,633)**	**-14.7%**
3.1 - Land Management	101,173	110,272	160,000	49,728	45.1%
3.2 - Works	10,894,439	9,843,776	8,138,818	(1,704,958)	-17.3%
3.3 - Facilities	46,575	43,170	64,938	21,768	50.4%
3.4 - Invasive Plant Control	702,452	908,555	867,457	(41,098)	-4.5%
3.5 - Other Operation and Maintenance Activities	86,494	142,807	178,461	35,654	25.0%
3.6 - Fleet Services	234,141	145,618	137,891	(7,727)	-5.3%
3.7 - Technology & Information Services	-	-	-	-	
4.0 Regulation	**-**	**-**	**-**	**-**	
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	-	-	-	-	
4.5 - Technology & Information Service	-	-	-	-	
5.0 Outreach	**-**	**-**	**-**	**-**	
5.1 - Water Resource Education	-	-	-	-	
5.2 - Public Information	-	-	-	-	
5.3 - Public Relations	-	-	-	-	
5.4 - Cabinet & Legislative Affairs	-	-	-	-	
5.5 - Other Outreach Activities	-	-	-	-	
5.6 - Technology & Information Service	-	-	-	-	
SUBTOTAL - Major Programs (excluding Management and Administration)	*14,835,903*	*14,882,757*	*13,643,475*	*(1,239,282)*	*-8.3%*
6.0 District Management and Administration	**288,866**	**330,901**	**340,671**	**9,770**	**3.0%**
6.1 - Administrative and Operations Support	4,700	-	-	-	
6.1.1 - Executive Direction	-	-	-	-	
6.1.2 - General Counsel / Legal	-	-	-	-	
6.1.3 - Inspector General	-	-	-	-	
6.1.4 - Administrative Support	4,700	-	-	-	
6.1.5 - Fleet Services	-	-	-	-	
6.1.6 - Procurement / Contract Administration	-	-	-	-	
6.1.7 - Human Resources	-	-	-	-	
6.1.8 - Communications	-	-	-	-	
6.1.9 - Other	-	-	-	-	
6.2 - Computers / Computer Support	-	-	-	-	
6.3 - Reserves	-	-	-	-	
6.4 - Other (Tax Collector / Property Appraiser Fees)	284,166	330,901	340,671	9,770	3.0%
GRAND TOTAL	**15,124,769**	**15,213,658**	**13,984,146**	**(1,229,512)**	**-8.1%**

VII. BASIN BUDGETS

B. Okeechobee 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 Okeechobee Basin encompasses whole or parts of 15 of the 16 counties (excludes Collier County) within the District's boundaries of central and southern Florida.

Property owners within the Okeechobee Basin were most recently assessed through the Fiscal Year 2018-19 Adopted Budget at the aggregate rolled-back millage rate of 0.2936 mills which is comprised of the District-at-large rolled-back millage rate of 0.1209 mills, the Okeechobee Basin rolled-back millage rate of 0.1310 mills and the Everglades Construction Project rolled-back millage rate of 0.0417 mills.

The Fiscal Year 2019-20 proposed rolled-back millage rate for the property owners within the Okeechobee Basin is 0.2795 mills which is comprised of the District-at-large rolled-back millage rate of 0.1152 mills, the Okeechobee Basin rolled-back millage rate of 0.1246 mills, and the Everglades Construction Project rolled-back millage rate of 0.0397 mills. The impact of the proposed rolled-back millage rate is a savings of $1.41 per $100,000 taxable value for property owners within the Okeechobee Basin. Final millage rates and budget for the proposed Fiscal Year 2019-20 Budget will be presented for discussion and adoption by the District Board in September 2019.

VII. BASIN BUDGETS

ACTUAL AUDITED - REVENUES, EXPENDITURES, AND PERSONNEL BY PROGRAM FOR FISCAL YEAR 2017-18

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Okeechobee Basin

	Water Resource Planning and Monitoring	Land Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	Management and Administration	TOTAL
REVENUES							
Non-dedicated Revenues							
Reserves							
Ad Valorem Taxes							
Permit & License Fees							
Local Revenues							
State General Revenue							
Miscellaneous Revenues							
Non-dedicated Revenues Subtotal							$ -
Dedicated Revenues							
District Revenues	$ 3,399,222	$ 14,632,980	$ 97,171,256	$ 190,266	$ -	$ 2,411,714	$ 117,805,438
Reserves	-	-	12,432,397	-	-	-	$ 12,432,397
Debt - Certificate of Participation (COPS)	-	-	-	-	-	-	$ -
Local Revenues	-	-	-	-	-	-	$ -
State General Revenues	-	-	-	-	-	-	$ -
Land Acquisition Trust Fund	-	-	-	-	-	-	$ -
FDEP/EPC Gardinier Trust Fund	-	-	-	-	-	-	$ -
P2000 Revenue	-	-	-	-	-	-	$ -
FDOT/Mitigation	-	-	-	-	-	-	$ -
Water Management Lands Trust Fund	-	-	-	-	-	-	$ -
Water Quality Assurance (SWIM) Trust Fund	-	-	-	-	-	-	$ -
Florida Forever	-	-	-	-	-	-	$ -
Save Our Everglades Trust Fund	-	-	-	-	-	-	$ -
Alligator Alley Tolls	-	-	-	-	-	-	$ -
Other State Revenue	-	-	-	-	-	-	$ -
Federal Revenues	-	-	3,093,882	-	-	-	$ 3,093,882
Federal through State (FDEP)	-	-	-	-	-	-	$ -
Dedicated Revenues Subtotal	3,399,222	14,632,980	112,697,535	190,266	-	2,411,714	$ 133,331,717
TOTAL REVENUES	$ 3,399,222	$ 14,632,980	$ 112,697,535	$ 190,266	$ -	$ 2,411,714	$ 133,331,717
EXPENDITURES							
Salaries and Benefits	$ 932,236	$ 4,313,550	$ 42,372,828	$ 186,528	$ -	$ 2,205	$ 47,807,347
Other Personal Services	26,300	-	-	-	-	-	$ 26,300
Contracted Services	47,450	784,661	3,583,317	-	-	24,711	$ 4,440,139
Operating Expenses	70,450	467,777	33,197,742	3,738	-	2,384,798	$ 36,124,505
Operating Capital Outlay	16,345	682,924	4,620,913	-	-	-	$ 5,320,182
Fixed Capital Outlay	-	6,257,020	28,501,335	-	-	-	$ 34,758,355
Interagency Expenditures	2,306,441	2,127,048	421,400	-	-	-	$ 4,854,889
Debt	-	-	-	-	-	-	$ -
Reserves	-	-	-	-	-	-	$ -
TOTAL EXPENDITURES	$ 3,399,222	$ 14,632,980	$ 112,697,535	$ 190,266	$ -	$ 2,411,714	$ 133,331,717
PERSONNEL							
Full-time Equivalents	10	40	503	2	0	0	555
Contract/Other	0	0	0	0	0	0	0
TOTAL PERSONNEL	10	40	503	2	0	0	555

VII. BASIN BUDGETS

ADOPTED BUDGET - REVENUES, EXPENDITURES, AND PERSONNEL BY PROGRAM FOR FISCAL YEAR 2018-19

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Okeechobee Basin

	Water Resource Planning and Monitoring	Land Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	Management and Administration	TOTAL
REVENUES							
Non-dedicated Revenues							
Reserves							
Ad Valorem Taxes							
Permit & License Fees							
Local Revenues							
State General Revenue							
Miscellaneous Revenues							
Non-dedicated Revenues Subtotal							$ -
Dedicated Revenues							
District Revenues	$ 2,446,928	$ 5,739,106	$ 106,676,144			$ 2,054,272	$ 116,916,450
Reserves	341,639	5,762,500	47,067,324			1,000,000	$ 54,171,463
Debt - Certificate of Participation (COPS)	-	-	-	-	-	-	$ -
Local Revenues	-	-	214,200	-	-	-	$ 214,200
State General Revenues	-	-	-	-	-	-	$ -
Land Acquisition Trust Fund	-	-	-	-	-	-	$ -
FDEP/EPC Gardinier Trust Fund	-	-	-	-	-	-	$ -
P2000 Revenue	-	-	-	-	-	-	$ -
FDOT/Mitigation	-	-	-	-	-	-	$ -
Water Management Lands Trust Fund	-	-	-	-	-	-	$ -
Water Quality Assurance (SWIM) Trust Fund	-	-	-	-	-	-	$ -
Florida Forever	-	-	-	-	-	-	$ -
Save Our Everglades Trust Fund	-	-	-	-	-	-	$ -
Alligator Alley Tolls	-	-	-	-	-	-	$ -
Other State Revenue	-	-	-	-	-	-	$ -
Federal Revenues	-	252,435	3,449,817	-	-	-	$ 3,702,252
Federal through State (FDEP)	-	-	-	-	-	-	$ -
Dedicated Revenues Subtotal	2,788,567	11,754,041	157,407,485	-	-	3,054,272	$ 175,004,365
TOTAL REVENUES	$ 2,788,567	$ 11,754,041	$ 157,407,485	$ -	$ -	$ 3,054,272	$ 175,004,365
EXPENDITURES							
Salaries and Benefits	$ 1,368,298	$ 4,439,039	$ 46,734,608	$ -	$ -	$ -	$ 52,541,945
Other Personal Services	26,300	-	-	-	-	-	$ 26,300
Contracted Services	151,673	6,388,808	3,699,294	-	-	-	$ 10,239,775
Operating Expenses	77,568	326,835	30,023,822	-	-	3,054,272	$ 33,482,497
Operating Capital Outlay	303,500	70,000	7,988,298	-	-	-	$ 8,361,798
Fixed Capital Outlay	-	-	28,289,954	-	-	-	$ 28,289,954
Interagency Expenditures	861,228	529,359	158,907	-	-	-	$ 1,549,494
Debt	-	-	-	-	-	-	$ -
Reserves	-	-	40,512,602	-	-	-	$ 40,512,602
TOTAL EXPENDITURES	$ 2,788,567	$ 11,754,041	$ 157,407,485	$ -	$ -	$ 3,054,272	$ 175,004,365
PERSONNEL							
Full-time Equivalents	14	41	503	0	0	0	558
Contract/Other	0	0	0	0	0	0	0
TOTAL PERSONNEL	14	41	503	0	0	0	558

VII. BASIN BUDGETS

TENTATIVE BUDGET - REVENUES, EXPENDITURES, AND PERSONNEL BY PROGRAM FOR FISCAL YEAR 2019-20

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Okeechobee Basin

	Water Resource Planning and Monitoring	Land Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	Management and Administration	TOTAL
REVENUES							
Non-dedicated Revenues							
Reserves							
Ad Valorem Taxes							
Permit & License Fees							
Local Revenues							
State General Revenue							
Miscellaneous Revenues							
Non-dedicated Revenues Subtotal							$ -
Dedicated Revenues							
District Revenues	$ 3,422,669	$ 6,189,112	$ 108,542,502	$ -	$ -	$ 2,054,272	$ 120,208,555
Reserves	94,389	4,605,562	48,357,597	-	-	1,000,000	$ 54,057,548
Debt - Certificate of Participation (COPS)	-	-	-	-	-	-	$ -
Local Revenues	-	-	214,200	-	-	-	$ 214,200
State General Revenues	-	-	-	-	-	-	$ -
Land Acquisition Trust Fund	-	-	-	-	-	-	$ -
FDEP/EPC Gardinier Trust Fund	-	-	-	-	-	-	$ -
P2000 Revenue	-	-	-	-	-	-	$ -
FDOT/Mitigation	-	-	-	-	-	-	$ -
Water Management Lands Trust Fund	-	-	-	-	-	-	$ -
Water Quality Assurance (SWIM) Trust Fund	-	-	-	-	-	-	$ -
Florida Forever	-	-	-	-	-	-	$ -
Save Our Everglades Trust Fund	-	-	-	-	-	-	$ -
Alligator Alley Tolls	-	-	-	-	-	-	$ -
Other State Revenue	-	-	-	-	-	-	$ -
Federal Revenues	25,745	199,122	3,722,193	-	-	-	$ 3,947,060
Federal through State (FDEP)	-	-	-	-	-	-	$ -
Dedicated Revenues Subtotal	3,542,803	10,993,796	160,836,492	-	-	3,054,272	$ 178,427,363
TOTAL REVENUES	$ 3,542,803	$ 10,993,796	$ 160,836,492	$ -	$ -	$ 3,054,272	$ 178,427,363
EXPENDITURES							
Salaries and Benefits	$ 1,858,309	$ 4,680,680	$ 45,190,622	$ -	$ -	$ -	$ 51,729,611
Other Personal Services	26,300	-	-	-	-	-	$ 26,300
Contracted Services	657,950	1,771,691	5,106,499	-	-	-	$ 7,536,140
Operating Expenses	88,073	1,047,439	37,353,572	-	-	3,054,272	$ 41,543,356
Operating Capital Outlay	37,500	72,387	9,500,848	-	-	-	$ 9,610,735
Fixed Capital Outlay	-	2,908,339	22,998,397	-	-	-	$ 25,906,736
Interagency Expenditures	874,671	513,260	173,952	-	-	-	$ 1,561,883
Debt	-	-	-	-	-	-	$ -
Reserves	-	-	40,512,602	-	-	-	$ 40,512,602
TOTAL EXPENDITURES	$ 3,542,803	$ 10,993,796	$ 160,836,492	$ -	$ -	$ 3,054,272	$ 178,427,363
PERSONNEL							
Full-time Equivalents	17	45	490	0	0	0	552
Contract/Other	0	0	0	0	0	0	0
TOTAL PERSONNEL	17	45	490	0	0	0	552

VII. BASIN BUDGETS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

SOURCES, USES, AND WORKFORCE COMPARISON FOR THREE FISCAL YEARS

Fiscal Years 2017-18 (Actual - Audited) 2018-19 (Adopted) 2019-20 (Tentative)

TENTATIVE BUDGET - Fiscal Year 2019-20

Okeechobee Basin

AD VALOREM TAX COMPARISON OKEECHOBEE BASIN	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Ad Valorem Taxes	$ 114,634,810	$ 112,484,232	$ 114,883,109		
New Construction Estimate	$ -	$ 2,082,518	$ 2,495,301		
Millage Rate	0.1384	0.1310	0.1246		
Rolled-Back Rate	0.1384	0.1310	0.1246		
Percent Change from Rolled-Back Rate	0.00%	0.00%	0.00%		
Current Year Gross Taxable Value for Operating Purposes	$ 861,501,936,710	$ 920,583,448,698	$ 981,293,391,938	$ 60,709,943,240	6.6%
Current Year Net New Taxable Value	$ 18,592,024,230	$ 16,732,651,304	$ 20,860,933,397	$ 4,128,282,093	24.7%
Current Year Adjusted Taxable Value	$ 842,909,912,480	$ 903,850,797,394	$ 960,432,458,541	$ 56,581,661,147	6.3%

SOURCE OF FUNDS	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
Non-dedicated Source of Funds					
Reserves	-	-	-	-	-
Ad Valorem Taxes	-	-	-	-	-
Permit & License Fees	-	-	-	-	-
Local Revenues	-	-	-	-	-
State General Revenue	-	-	-	-	-
Miscellaneous Revenues	-	-	-	-	-
Non-dedicated Source of Funds Subtotal	-	-	-	-	-
Dedicated Source of Funds					
District Revenues	$ 117,805,438	$ 116,916,450	$ 120,208,555	$ 3,292,105	2.8%
Reserves	12,432,397	54,171,463	54,057,548	(113,915)	-0.2%
Debt - Certificate of Participation (COPS)	-	-	-	-	-
Local Revenues	-	214,200	214,200	-	0.0%
State General Revenues	-	-	-	-	-
Land Acquisition Trust Fund	-	-	-	-	-
FDEP/EPC Gardinier Trust Fund	-	-	-	-	-
P2000 Revenue	-	-	-	-	-
FDOT/Mitigation	-	-	-	-	-
Water Management Lands Trust Fund	-	-	-	-	-
Water Quality Assurance (SWIM) Trust Fund	-	-	-	-	-
Florida Forever	-	-	-	-	-
Save Our Everglades Trust Fund	-	-	-	-	-
Alligator Alley Tolls	-	-	-	-	-
Other State Revenue	-	-	-	-	-
Federal Revenues	3,093,882	3,702,252	3,947,060	244,808	6.6%
Federal through State (FDEP)	-	-	-	-	-
Dedicated Source of Funds Subtotal	133,331,717	175,004,365	178,427,363	3,422,998	2.0%
SOURCE OF FUNDS TOTAL	$ 133,331,717	$ 175,004,365	$ 178,427,363	$ 3,422,998	2.0%
USE OF FUNDS					
Salaries and Benefits	$ 47,807,347	$ 52,541,945	$ 51,729,611	$ (812,334)	-1.5%
Other Personal Services	26,300	26,300	26,300	-	0.0%
Contracts	4,440,139	10,239,775	7,536,140	(2,703,635)	-26.4%
Operating Expenses	36,124,505	33,482,497	41,543,356	8,060,859	24.1%
Operating Capital Outlay	5,320,182	8,361,798	9,610,735	1,248,937	14.9%
Fixed Capital Outlay	34,758,355	28,289,954	25,906,736	(2,383,218)	-8.4%
Interagency Expenditures	4,854,889	1,549,494	1,561,883	12,389	0.8%
Debt	-	-	-	-	-
Reserves	-	40,512,602	40,512,602	-	0.0%
USE OF FUNDS TOTAL	$ 133,331,717	$ 175,004,365	$ 178,427,363	$ 3,422,998	2.0%
WORKFORCE					
Authorized Positions	555	558	552	(6)	-1.1%
Contingent Worker	-	-	-	-	-
Other Personal Services	-	-	-	-	-
TOTAL WORKFORCE	555	558	552	(6)	-1.1%

VII. BASIN BUDGETS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

THREE YEAR USES OF FUNDS BY PROGRAM

Fiscal Years 2017-18 (Actual - Audited) 2018-19 (Adopted) 2019-20 (Tentative)

OKEECHOBEE BASIN

PROGRAMS AND ACTIVITIES	Fiscal Year 2017-18 (Actual - Audited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Tentative Budget)	Difference in $ (Tentative -- Adopted)	% of Change (Tentative -- Adopted)
1.0 Water Resources Planning and Monitoring	**3,399,221**	**2,788,567**	**3,542,803**	**754,236**	**27.0%**
1.1 - District Water Management Planning	1,629,811	193,955	136,013	(57,942)	-29.9%
1.1.1 Water Supply Planning	29,315	687	66,173	65,486	9532.2%
1.1.2 Minimum Flows and Levels	5,000	-	-	-	
1.1.3 Other Water Resources Planning	1,595,496	193,268	69,840	(123,428)	-63.9%
1.2 - Research, Data Collection, Analysis and Monitoring	1,769,410	2,594,612	3,406,790	812,178	31.3%
1.3 - Technical Assistance	-	-	-	-	
1.4 - Other Water Resources Planning and Monitoring Activities	-	-	-	-	
1.5 - Technology & Information Services	-	-	-	-	
2.0 Land Acquisition, Restoration and Public Works	**14,632,980**	**11,754,041**	**10,993,796**	**(760,245)**	**-6.5%**
2.1 - Land Acquisition	-	-	-	-	
2.2 - Water Source Development	1,490,338	-	-	-	
2.2.1 Water Resource Development Projects	2,538	-	-	-	
2.2.2 Water Supply Development Assistance	1,487,800	-	-	-	
2.2.3 Other Water Source Development Activities	-	-	-	-	
2.3 - Surface Water Projects	12,905,516	11,754,041	10,993,796	(760,245)	-6.5%
2.4 - Other Cooperative Projects	237,126	-	-	-	
2.5 - Facilities Construction and Major Renovations	-	-	-	-	
2.6 - Other Acquisition and Restoration Activities	-	-	-	-	
2.7 - Technology & Information Service	-	-	-	-	
3.0 Operation and Maintenance of Lands and Works	**112,697,533**	**157,407,485**	**160,836,492**	**3,429,007**	**2.2%**
3.1 - Land Management	4,617,175	4,878,450	4,638,655	(239,795)	-4.9%
3.2 - Works	93,643,767	136,181,111	140,192,566	4,011,455	2.9%
3.3 - Facilities	567,247	389,813	470,593	80,780	20.7%
3.4 - Invasive Plant Control	6,216,102	7,161,689	6,427,340	(734,349)	-10.3%
3.5 - Other Operation and Maintenance Activities	1,607,924	1,858,354	2,080,092	221,738	11.9%
3.6 - Fleet Services	6,045,318	6,938,068	7,027,246	89,178	1.3%
3.7 - Technology & Information Services	-	-	-	-	
4.0 Regulation	**190,266**	**-**	**-**	**-**	
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	190,266	-	-	-	
4.5 - Technology & Information Service	-	-	-	-	
5.0 Outreach	**-**	**-**	**-**	**-**	
5.1 - Water Resource Education	-	-	-	-	
5.2 - Public Information	-	-	-	-	
5.3 - Public Relations	-	-	-	-	
5.4 - Cabinet & Legislative Affairs	-	-	-	-	
5.5 - Other Outreach Activities	-	-	-	-	
5.6 - Technology & Information Service	-	-	-	-	
SUBTOTAL - Major Programs (excluding Management and Administration)	*130,920,000*	*171,950,093*	*175,373,091*	*3,422,998*	*2.0%*
6.0 District Management and Administration	**2,411,714**	**3,054,272**	**3,054,272**	**-**	**0.0%**
6.1 - Administrative and Operations Support	26,916	-	-	-	
6.1.1 - Executive Direction	-	-	-	-	
6.1.2 - General Counsel / Legal	24,711	-	-	-	
6.1.3 - Inspector General	-	-	-	-	
6.1.4 - Administrative Support	2,205	-	-	-	
6.1.5 - Fleet Services	-	-	-	-	
6.1.6 - Procurement / Contract Administration	-	-	-	-	
6.1.7 - Human Resources	-	-	-	-	
6.1.8 - Communications	-	-	-	-	
6.1.9 - Other	-	-	-	-	
6.2 - Computers / Computer Support	-	-	-	-	
6.3 - Reserves	-	-	-	-	
6.4 - Other (Tax Collector / Property Appraiser Fees)	2,384,798	3,054,272	3,054,272	-	0.0%
GRAND TOTAL	**133,331,714**	**175,004,365**	**178,427,363**	**3,422,998**	**2.0%**

VIII. APPENDICES

A. Related Reports

The following table includes a list of reports provided to the state that support the District's annual Service Budget. Also included are due dates and contact information.

The mandated Consolidated Annual Report (CAR) is satisfied by the South Florida Water Management District utilizing the South Florida Environmental Report (SFER) – Volume II. This is a major consolidation effort authorized by the Florida Legislature in 2005-36, Laws of Florida, and Subsection 373.036(7), Florida Statutes. The SFERs for current and historical years are posted on the District's website at www.sfwmd.gov/sfer.

The following table is supplemented with 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 [1]	DUE DATE	CONTACT	E-MAIL ADDRESS TELEPHONE
Preliminary Budget Submission	Annually January 15	Candida Heater	cheater@sfwmd.gov 561-682-6486
Tentative Budget Submission	Annually August 1st	Candida Heater	cheater@sfwmd.gov 561-682-6486
VOLUME I – THE SOUTH FLORIDA ENVIRONMENT			
South Florida Hydrology and Water Management - Volume I, Chapter 2 A water year review of the South Florida regional water management system along with the impacts from hydrologic variation. This chapter fulfills requirements in the Everglades Forever Act (EFA; Section 373.4592(13), F.S.) and Northern Everglades and Estuaries Protection Program (NEEPP) legislation (Section 373.4595(6), F.S.).	Annually March 1	Chelsea Qiu Violeta Ciuca	cqiu@sfwmd.gov 561-682-6196 vciuca@sfwmd.gov 561-682-2611
Water Quality in the Everglades Protection Area - Volume I, Chapter 3A Provides (1) an assessment of water quality within the Everglades Protection Area (EPA) for the water year, (2) numerous reporting requirements under the 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. This chapter fulfills	Annually March 1	Paul Julian II (DEP)	Paul.Julian@dep.state.fl.us 239-344-5605

PLAN / REPORT / ACTIVITY [1]	DUE DATE	CONTACT	E-MAIL ADDRESS TELEPHONE
requirements in the EFA (Sections 373.4592(4)(d)5 and 373.4592(13), F.S.) and NEEPP legislation (Section 373.4595(6), F.S.).			
Mercury and Sulfur Environmental Assessment for the Everglades - Volume I, Chapter 3B Provides an assessment of mercury and sulfur status within the EPA and reporting requirements of the EFA. This chapter fulfills requirements in the EFA (Sections 373.4592(4)(d)5 and 373.4592(13), F.S.) and NEEPP legislation (373.4595(6), F.S.).	Annually March 1	Paul Julian II (DEP)	Paul.Julian@dep.state.fl.us 239-344-5605
Nutrient Source Control Programs - Volume I, Chapter 4 A water year review of regional nutrient source control program status and related activities in major watersheds within the Southern Everglades. This chapter fulfills requirements in the EFA (Section 373.4592(13), F.S.).	Annually March 1	Danielle Taylor Youchao Wang	dtaylor@sfwmd.gov 561-682-2375 ywang@sfwmd.gov 561-682-2895
Restoration Strategies – Design and Construction Status of Water Quality Improvement Projects - Volume I, Chapter 5A 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. This chapter fulfills requirements in the EFA (Sections 373.4592(4)(d)5 and 373.4592(13), F.S.).	Annually March 1	Robert Shuford	rshufor@sfwmd.gov 561-681-8800 x2155
Performance and Operation of the Everglades Stormwater Treatment Areas - Volume I, Chapter 5B 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. This chapter fulfills requirements in the EFA	Annually March 1	Michael Chimney	mchimney@sfwmd.gov 561-682-6523

PLAN / REPORT / ACTIVITY [1]	DUE DATE	CONTACT	E-MAIL ADDRESS TELEPHONE
(Sections 373.4592(4)(d)5 and 373.4592(13), F.S.).			
Restoration Strategies Science Plan Implementation - Volume I, Chapter 5C Report on the Science Plan for the Everglades STAs 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. This chapter fulfills requirements in the EFA (Sections 373.4592(4)(d)5 and 373.4592(13), F.S.).	Annually March 1	Tom James	tjames@sfwmd.gov (561) 682-6356
Everglades Research and Evaluation - Volume I, Chapter 6 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 patterns and ecology. This chapter fulfills requirements in the EFA (Sections 373.4592(4)(d)5 and 373.4592(13), F.S.).	Annually March 1	Fred Sklar	fsklar@sfwmd.gov 561-682-6504
Status of Nonindigenous Species - Volume I, Chapter 7 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. This chapter fulfills requirements in the EFA (Section 373.4592(13), F.S.).	Annually March 1	LeRoy Rodgers	lrodgers@sfwmd.gov 561-682-2773
Northern Everglades and Estuaries Protection Program Annual Progress Report - Volume I, Chapter 8A	Annually March 1	Stacey Ollis Anthony Betts Ximena Pernett	sollis@sfwmd.gov 561-682-2039 abetts@sfwmd.gov

PLAN / REPORT / ACTIVITY [1]	DUE DATE	CONTACT	E-MAIL ADDRESS TELEPHONE
In accordance with Section 403.0675, F.S. and NEEPP legislation (Section 373.4595(6), F.S.), this report (in conjunction with Chapters 8B and 8C) comprises the NEEPP Annual Progress Report for the Lake Okeechobee, St. Lucie River, and Caloosahatchee River watersheds. The report also documents the status of DEP's Lake Okeechobee, Caloosahatchee Estuary, and St. Lucie River and Estuary basin management action plans (BMAPs), and Florida Department of Agriculture and Consumer Services' (FDACS') implementation of the agricultural nonpoint source best management practices (BMPs) in the Northern Everglades watersheds. It also contains an annual accounting of expenditure of Save Our Everglades Trust Fund (SOEFT) funds and includes the NEEPP Fiscal Year 2018-19 Annual Work Plan. This chapter also fulfills requirements set forth in the EFA (Section 373.4592(13), F.S. and Section 403.0675, F.S.). This chapter has an associated appendix for the 2020 SFER that contains the Lake Okeechobee Watershed Protection Plan Update.			561-682-6354 xpernett@sfwmd.gov 561-682-2928
Lake Okeechobee Watershed Annual Report - Volume I, Chapter 8B In accordance with NEEPP legislation (Section 373.4595(6), F.S.), this report (in conjunction with Chapter 8A) comprises the NEEPP Annual Progress Report for the Lake Okeechobee Watershed. The report covers the water year status update on the Lake Okeechobee Watershed Research and Water Quality Monitoring Program. This chapter also fulfills requirements set forth in the EFA (Section 373.4592(13), F.S.).	Annually March 1	Zach Welch Joyce Zhang	zwelch@sfwmd.gov 561-682-2824 jzhang@sfwmd.gov 561-682-6341
St. Lucie and Caloosahatchee River Watershed Annual Report - Volume I, Chapter 8C	Annually March 1	Amanda Kahn	akahn@sfwmd.gov 561-682-6402

PLAN / REPORT / ACTIVITY [1]	DUE DATE	CONTACT	E-MAIL ADDRESS TELEPHONE
In accordance with NEEPP legislation (Section 373.4595(6), F.S.), this report (in conjunction with Chapter 8A) comprises the NEEPP Annual Progress Report for the St. Lucie River and Caloosahatchee River watersheds. The report covers the water year status update on the St. Lucie River and Caloosahatchee River watershed research and water quality monitoring programs. This chapter also fulfills requirements set forth in the EFA (Section 373.4592(13), F.S.).			
Kissimmee River Restoration and Basin Initiatives - Volume I, Chapter 9 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.	Annually March 1	Joseph Koebel Steve Bousquin	jkoebel@sfwmd.gov 561-682-6925 sbousqu@sfwmd.gov 561-682-2719
Volume I Peer and Public Review Process and Products - Volume I, Appendix 1-1 A document provides comments and responses produced for the *2020 South Florida Environmental Report* peer and public review process, which is conducted as required by Subparagraph 373.4592(4)(d)5, F.S.	Annually March 1	Kim Chuirazzi	kchuiraz@sfwmd.gov 561-682-2425
Comprehensive Everglades Restoration Plan Annual Report – 470 Report - Volume I, Appendix 1-2 In accordance with Section 373.470(7), F.S., this annual report provides required yearly Comprehensive Everglades Restoration Plan (CERP) financial reporting and status of CERP implementation.	Annually March 1	Gregory Rogers	grogers@sfwmd.gov 561-682-6199
Everglades Forever Act Annual Financial Report - Volume I, Appendix 1-3 Pursuant to Section 373.45926(3), F.S., as amended by Section 33 of	Annually March 1	Julie Maytok	jmaytok@sfwmd.gov 561-682-6027

PLAN / REPORT / ACTIVITY [1]	DUE DATE	CONTACT	E-MAIL ADDRESS TELEPHONE
Chapter 2011-34, this annual report presents required yearly financial reporting on the Everglades Trust Fund and EFA implementation status. This appendix also fulfills requirements set forth in the EFA (Section 373.4592(14), F.S.).			
SFER VOLUME II – DISTRICT ANNUAL PLANS AND REPORTS			
Fiscal Year 2018-19 Fiscal and Performance Accountability Report - Volume II, Chapter 2 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. This chapter fulfills Section 373.199(7)(c), F.S.	Annually March 1	Rich Sands	rsands@sfwmd.gov 561-682-2902
2019 Priority Waterbodies List and Schedule - Volume II, Chapter 3 In accordance with Section 373.042(2)a, F.S., and Chapter 40E-8 and Section 62-40.473(9), Florida Administrative Code (F.A.C.), annually identifies waterbodies for which minimum flows and minimum water levels (MFLs) and water reservations must be established or updated.	Annually March 1	Toni Edwards	tedwards@sfwmd.gov 561-682-6387
Fiscal Year 2020 Five-Year Capital Improvements Plan - Volume II, Chapter 4 In accordance with Sections 373.536(6)(a)3, 373.536(6)(a)4, and 216.043, F.S., this annual report of the District's capital projects covers all the agency's programs, includes project-level detail, and shows projected expenditures and corresponding funding sources for the five-year reporting period.	Annually March 1	Julie Maytok	jmaytok@sfwmd.gov 561-682-6027
Five-Year Water Resource Development Work Program - Volume II, Chapter 5A In accordance with Subparagraph 373.536(6)(a)4, F.S., the projected five-year period financial costs and water supply benefits for	Annually March 1	Nancy Demonstranti Stacey Adams	ndemonst@sfwmd.gov 561-682-2563 shayford@sfwmd.gov 561-682-2577

PLAN / REPORT / ACTIVITY [1]	DUE DATE	CONTACT	E-MAIL ADDRESS TELEPHONE
implementing the District's regional water supply plans, as well as status report of the water resource development efforts in the fiscal year are reported. In addition, this annual report also summarizes the alternative water supply projects funded by the District, including the quantity of water made available, agency funding and total cost as required by Section 373.707(8)(n), formally included previously as SFER Volume II Chapter 5B. It also contains Projects Associated with a Prevention or Recovery Strategy for Fiscal Year 2019-2020 through Fiscal Year 2023-2024, which was previously in a separate appendix.			
Projects Associated with a Basin Management Action Plan for Fiscal Year 2019-2020 through Fiscal Year 2023-2024 – Volume II, Appendix 5A-1 Pursuant to Section 373.036(7)(b)8, F.S., this appendix provides a list of projects associated with BMAPs along with their planned implementation costs.	Annually March 1	Stacey Ollis Ansley Marr	sollis@sfwmd.gov 561-682-2039 amarr@sfwmd.gov 561-682-6419
Projects in the Five-Year Work Program with Grading for Each Watershed, Water Body, or Water Segment – Volume II, Chapter 5B Pursuant to Section 373.036(7)(b)9, F.S., annual report containing a grade for each watershed, water body, or water segment for which projects are located that are associated with BMAPs, MFLs, alternative water supply, and the Cooperative Funding Program (CFP) representing the level of impairment and violations of adopted MFLs.	Annually March 1	Don Medellin	dmedelli@sfwmd.gov 561-682-6340
Florida Forever Work Plan, 2020 Annual Update - Volume II, Chapter 6A As required by Subsection 373.199(7)(b)4, F.S., this annual report summarizes current projects	Annually March 1	Ray Palmer	rpalmer@sfwmd.gov 561-682-2246

PLAN / REPORT / ACTIVITY [1]	DUE DATE	CONTACT	E-MAIL ADDRESS TELEPHONE
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 Subsection 373.139(3)(c), F.S., for land acquisition, water resource development, stormwater management, water body restoration, recreational facility construction, public access improvements, and invasive plant control.			
Land Stewardship Annual Report – Volume II, Chapter 6B As required by Subsection 373.199(7)(a), F.S., this annual report summarizes the management and maintenance of lands acquired under the Save Our Rivers Program, Florida Forever Trust Fund, Preservation 2000, and Save Our Everglades Trust Fund on a perpetual basis and lands acquired for CERP and other water resource projects on an interim basis.	Annually March 1	Maria Dessources Jim Schuette Steve Coughlin	mdessour@sfwmd.gov 561-924-5310 x3338 jschuett@sfwmd.gov 561-682-6055 scoughli@sfwmd.gov 561-682-2603
Mitigation Donation Annual Report - Volume II, Chapter 7 In accordance with Subparagraph 373.414(1)(b)2, F.S., this annual report provides a summary on endorsed mitigation projects, including the available mitigation reserves and expenditures, and a description of restoration and management activities.	Annually March 1	Robert Hopper	rhopper@sfwmd.gov 561-682-2784
SFER VOLUME III – ANNUAL PERMIT REPORTS			
Comprehensive Everglades Restoration Plan Regulation Act Projects - Volume III, Chapter 2 Annual report to comply with various reporting conditions required by permits issued by DEP under the Comprehensive Everglades Restoration Plan Regulation Act (CERPRA; Section 373.1502, F.S.).	Annually March 1	Chris King Nirmala Jeyakumar	ctking@sfwmd.gov 561-682-2723 njeyaku@sfwmd.gov 561-682-6471
Everglades Forever Act Projects - Volume III, Chapter 3	Annually March 1	Nirmala Jeyakumar	njeyaku@sfwmd.gov 561-682-6471

VIII. APPENDICES

PLAN / REPORT / ACTIVITY [1]	DUE DATE	CONTACT	E-MAIL ADDRESS TELEPHONE
Annual report to comply with various reporting conditions required by permits issued by DEP under the EFA (Section 373.4592, F.S.).		Chris King	ctking@sfwmd.gov 561-682-2723
Northern Everglades and Estuaries Protection Program Projects - Volume III, Chapter 4 Annual report to comply with various reporting conditions required by permits issued by DEP under NEEPP legislation (Section 373.4595, F.S.).	Annually March 1	Nirmala Jeyakumar Chris King	njeyaku@sfwmd.gov 561-682-6471 ctking@sfwmd.gov 561-682-2723
Environmental Resource Permitting Projects - Volume III, Chapter 5 Annual report to comply with various reporting conditions required by permits issued by DEP under the Environmental Resource Permit Program legislation (Chapter 373, Part IV, F.S. and Title 62, F.A.C.).	Annually March 1	Nirmala Jeyakumar Chris King	njeyaku@sfwmd.gov 561-682-6471 ctking@sfwmd.gov 561-682-2723
Regional Water Supply Plan	Every Five Years	Thomas Colios	tcolios@sfwmd.gov 561-682-6944
SWIM Plans	**Not Applicable to SFWMD**		
Five-Year Water Resource Development Work Program	Annually October	Nancy Demonstranti	ndemonst@sfwmd.gov 561-682-2563
Strategic Plan	Annually	Rich Sands	rsands@sfwmd.gov 561-682-2902

[1] Based on 2019 SFER chapter titles and content and 2019 SFER Lead Author List.

B. Alternative Water Supply Funding

Pursuant to Subsection 373.707(6)(a)., F.S., the District has reviewed its funding for water resource development and alternative water supply (AWS) projects. To implement water resource development projects, as prioritized in its regional water supply plans, the District's Tentative Budget includes a total of $6,985,277 for Fiscal Year 2019-20.

A summary of the alternative water supply projects by funding type is included below. In Fiscal Year 2019-20, the Governor and Legislature allocated $40 million to the Department of Environmental Protection for the development of water resource and water supply projects to help communities plan for and implement conservation, reuse and other water supply and water resource development projects. Priority funding for those state funds will be given to regional projects in the areas of greatest need and for projects that provide the greatest benefit. Of that $40 million appropriation, $1 million was appropriated from the Water Protection and Sustainability Program Trust Fund (WPSPTF). Based upon the Statutory distribution formula for funds appropriated from the WPSPTF, $300,000 is included in the table below.

Alternative Water Supply Funding in

Fiscal Year 2019-20 Tentative Budget

Funding Source	Amount of Funding	Percent of Total
District Funding for AWS	$300,000	50%
State Funding for AWS	$300,000	50%
Total Funding for AWS	**$600,000**	**100%**

VIII. APPENDICES

C. Project Worksheets

The projects listed in Appendix C include projects that provide a direct benefit to the water quality or quantity in the District or that increase recreational opportunities on public lands. For Fiscal Year 2019-20, the District has included 62 projects in Appendix C totaling more than $780.5 million to restore and protect water resources within the District.

Appendix C - Fiscal Year 2019-20 Tentative Budget

South Florida Water Management District
Appendix C
Fiscal Year 2019-20
Tentative Budget - August 1, 2019

Activity/ Sub-Activity/ Budget Reference	Project Name	Project Type	Project Description	Project Status	Anticipated or Actual Contract Completion Date	Waterbody Benefited	RWSP Region Supported	BMAP/RAP Supported	Quantity of Water Made Available upon Completion (MGD) for Reuse and Non-Reuse	TN Reduction (lbs./yr.)	TP Reduction (lbs./yr.)	Size of Drainage Basin Treated	Sewer Made Available	Septic Systems Eliminated	Septic Systems Upgraded or Enhanced	District Tentative Budgeted Funding (FY 2019-20)	Future District Funding Commitments
1.1.1	Central Florida Water Initiative	Water Supply	The CFWI is a collaborative water supply planning effort among the state's three largest water management districts, the Florida Department of Environmental Protection, the Florida Department of Agriculture and Consumer Services, regional water utilities, and other stakeholders. The CFWI Planning Area covers five counties, including Orange, Osceola, Polk, Seminole, and southern Lake. The boundaries of the Districts meet in the area. This project supports part of the District's planned work as part of the Data, Monitoring, and Investigation Team (DMIT) work plan.	Underway	10/1/2019	Upper Floridian Aquifer	SF CFWI (aka Upper Kissimmee Basin)									$ 2,729,508	
1.1.1 Total										-	-	-				**$ 2,729,508**	
2.3	CERP Biscayne Bay Coastal Wetlands Ph2	Natural Systems (includes recreational)	The BBCW Phase 2 project will expand upon the contributions that BBCW Ph 1 made to the restoration of Biscayne Bay and adjacent wetlands as part of a comprehensive plan for restoring the south Florida ecosystem. Phase 2 intends to redistribute freshwater runoff from the watershed away from the existing point-source canal discharges and into the coastal wetlands adjoining Biscayne Bay to provide a more natural and historic overland flow through existing coastal wetlands. This project will also help restore saltwater wetlands and the nearshore bay through the re-establishment of optimal salinity concentrations for fish and shellfish nursery habitat. Phase 2 will identify additional sources of fresh water as well as incorporate additional areas of wetlands to be improved. Any land acquisition from private owners will be in fee.	Planned	TBD	Biscayne Bay & Coastal Wetlands	SF Lower East Coast					TBD				$ 1,500,000	
2.3	CERP - C-44/C-23 Interconnect	Natural Systems (includes recreational)	This project is identified in the IRL-S Plan as the southern diversion. It is a precursor project required to get the full benefits for CEPP. It includes land acquisition and the design and construction of a canal, pump station and water control structures to deliver 250 cfs from the C-23 Canal to the C-44 Reservoir and STA. The diversion is intended to reduce the flows above the natural system flows from Bessey Creek to the St. Lucie mid estuary. Additionally, this component is also a CEPP predecessor that is required prior to re-directing the maximum amount of water from Lake Okeechobee south to the A2 Reservoir and STA.	Planned	TBD	St. Lucie Estuary, Southern Indian River Lagoon, Everglades	SF Upper East Coast									$ 4,000,000	Project funding is estimated to come from annual legislative appropriations.
2.3	Caloosahatchee River (C-43) West Basin Storage Reservoir	Natural Systems (includes recreational)	The Caloosahatchee River (C-43) West Basin Storage Reservoir (CRWBSR) Project will contribute to the restoration of the ecological function and productivity of the Caloosahatchee Estuary. The project includes construction and operation of an above-ground reservoir with two cells capable of providing approximately 170,000 acre-feet (ac-ft) of storage with normal pool depths when the reservoir is full that vary from 15 feet at the southeast corner to 25 feet at the northwest corner. The project will be constructed on approximately 10,700 acres in western Hendry County. Major features include external and internal dams with associated water control structures, a perimeter canal, two pump stations, and improvements to the Townsend Canal in order to facilitate inflow and outflow. These features will reduce the number and severity of high volume freshwater discharges to the Caloosahatchee Estuary in the wet season as well as help to maintain a desirable minimum flow of freshwater to the Caloosahatchee Estuary during the dry season. The net effect would be moderation of unnatural changes in salinity which are extremely detrimental to estuarine ecological communities. The District transitioned from short-term water storage during the extremely high rainfall events of 2013 and 2014 to an Early Start Phase project in 2015. The CRWBSR Project was authorized in the Water Resources Reform and Development Act of 2014. The current status of the project includes continued construction under Package #1 – Preloading and Demolition which was 50% complete in November 2016 with construction completion in July 2017. Construction Package #2 – S-476 Pump Station (195 cfs) is 15% complete with construction completion in January 2018. The design completion for S-470 Pump Station (1500 cfs) and Inflow Works (Package #3) is scheduled for August 2017 with construction start in November 2017. The Civil Works (Dam and associated structures) (Package #4) design is scheduled for completion in July 2018 with construction start in early 2019.	Underway	9/1/2015	Caloosahatchee River/ Estuary	SF Lower West Coast									$ 334,612,248	Project funding is estimated to come from annual legislative appropriations.
2.3	DWM-Alico Water Farm NE PPP	Water Quantity	This project will provide 92,000 acre-feet per year of shallow water storage through the use of earthen berms, weirs, and water control structures on 35,000 acres of private agriculture lands.	Underway	12/12/2014					TBD	TBD	35,000				$ 4,000,000	Project funding is contingent on annual legislative appropriations.
2.3	DWM-Bluefield Grove Water Farm NE PPP	Water Quantity	The project is a dispersed water management project that stores excess surface water from regional canals on private agricultural lands that would otherwise be discharged to local estuaries or rivers. The project will store onsite rainfall and pump water from the C-23 Canal and store it on approximately 6,107 acres of private agricultural lands.	Underway	12/27/2018	St. Lucie Estuary				56,218	11,288	6,107				$ 7,186,185	Project funding is contingent on annual legislative appropriations.
2.3	Everglades Agricultural Area (EAA) Storage Reservoir Conveyance Improvements and Stormwater Treatment Area (STA) CEPP New Water: Miami & North New River Canals	Water Quality	The Miami and North New River Canals will deliver water from Lake Okeechobee and the EAA Basin to the future A-2 Reservoir and A-2 STA. Canal conveyance improvements will be done by deepening and widening the Miami Canal to increase capacity by 1,000 cubic feet per second (cfs) and the North New River Canal to increase capacity by 200 cfs. By delivering water from Lake Okeechobee to the A-2 Reservoir and STA, the project will help to decrease damaging discharges from Lake Okeechobee to the Northern Estuaries which will contribute to reducing harmful algal blooms. All improvements will be constructed within the existing SFWMD right-of-way.	Underway	TBD	Lake Okeechobee, Miami Canal, North New River Canal, St. Lucie Estuary, Caloosahatchee Estuary										$ 7,919,675	Funding for this project to come from the CEPP Appropriation
2.3	Lakeside Ranch STA Phase II	Water Quality	Phase II will complete a 788 Acre STA (South), which is complete in January 2019, 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 (specifically S-191A pump station) is under construction	Underway	10/1/2019	Lake Okeechobee			N/A	N/A	16,755	788				$ 24,168,264	Funding for this project to come from the NEEPP Future Year Appropriation
2.3	Lake Hicpochee Hydrologic Enhancement Project Phase 2	Water Quantity	Provide shallow water storage north of Lake Hicpochee on 2,500 acres adjacent to the Lake Hicpochee Phase I Project	Underway	TBD	Lake Hicpochee				TBD	TBD					$ 1,500,000	Project funding is estimated to come from annual legislative appropriations.
2.3	STA-1W Expansion #2 (Restoration Strategies)	Water Quality	STA1W Expanded is a combination of the existing STA-1W footprint and the additional treatment area required (STA1W Expansion # 1 & 2). The STA-1W expansion #1 project is in flooding and optimization phase. The STA-1W Expansion #2 project will consist of all features necessary to make the Eastern Flow Path projects perform consistent with the WQBEL. An approximately 1,800 acre STA expansion is included as a new project for the Eastern Flow Path. The design for the STA 1W Expansion #2 may include modifications to the physical configuration or operational protocols of the existing STA-1W as well as the design of the new treatment areas. In any case, the final design will incorporate the best available information to ensure appropriate vegetation partitioning and water depths.	Underway	Design Work Order Execution Date: 9/2018	Everglades			no water made available, expansion area will treat existing basin drainage			108,497				$ 8,955,221	Funding for this project to come from the $32M Restoration Strategies Appropriation
2.3	DWM-El Maximo Ranch NE PPP	Water Quality	The project is a dispersed water management project that treats excess surface water from the regional system on private agriculture lands that would otherwise be discharged to Lake Okeechobee. The project will detain onsite rainfall and pump water from the Kissimmee River (C-38 Canal) and Blanket Bay Slough and treat it on approximately 7,030 acres of private agriculture lands.	Underway	TBD	Lake Okeechobee		Lake Okeechobee BMAP		N/A	4,409					$ 14,443,602	Project funding is contingent on annual legislative appropriations.

Appendix C - Fiscal Year 2019-20 Tentative Budget

South Florida Water Management District
Appendix C
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Tentative Budget - August 1, 2019

Activity/ Sub-Activity/ Budget Reference	Project Name	Project Type	Project Description	Project Status	Anticipated or Actual Contract Completion Date	Waterbody Benefited	RWSP Region Supported	BMAP/RAP Supported	Quantity of Water Made Available upon Completion (MGD) for Reuse and Non-Reuse	TN Reduction (lbs./yr.)	TP Reduction (lbs./yr.)	Size of Drainage Basin Treated	Sewer Made Available	Septic Systems Eliminated	Septic Systems Upgraded or Enhanced	District Tentative Budgeted Funding (FY 2019-20)	Future District Funding Commitments
2.3	Everglades Agricultural Area (EAA) Storage Reservoir Conveyance Improvements and Stormwater Treatment Area (STA) CEPP New Water: A-2 STA	Water Quality	A-2 Stormwater Treatment Area (STA) is an approximately 6,882 acre project area with approximately 6,500 acres of effective treatment area that will treat water from Lake Okeechobee and the EAA Basin prior to that water going into the Everglades Protection Area. The project will also consist of an intake canal along the northern boundary of the STA that will deliver water to the STA and will include a bridge at the connection to the Miami Canal. The SFWMD owns approximately 3,226 acres in fee and the State of Florida owns approximately 3,656 acres in fee.	Underway	TBD	Lake Okeechobee, Miami Canal, North New River Canal, St. Lucie Estuary, Caloosatchee Estuary										$ 25,565,842	Funding for this project to come from the CEPP Appropriation
2.3	DWM-Scott Water Farm NE PPP	Water Quantity	The project is a dispersed water management project that stores excess surface water from regional canals on private agricultural lands that would otherwise be discharged to local estuaries or rivers. The project will store onsite rainfall and pump water from the C-25 Canal and store it on approximately 7,444 acres of private agricultural lands.	Underway	12/27/2018	St. Lucie Estuary				48,943	8,378					$ 10,156,598	Project funding is contingent on annual legislative appropriations.
2.3	C-139 FEB (Restoration Strategies)	Water Quality	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.	Underway	12/1/2018	Water Conservation Area 3A			No Water Made Available for restoration, FEB attenuates peak flow from existing basin runoff			147,709				$ 7,807,963	Funding for this project to come from the $32M Restoration Strategies Appropriation
2.3	DWM-Brighton Valley NE PPP	Water Quality	This project is a dispersed water management project that treats excess surface water from regional canals on private agriculture lands that would otherwise be discharged to local estuaries or rivers. The project will detain onsite rainfall and pump water from the C-41A Canal and treat it on approximately 8,142 acres of private agriculture lands.	Underway	9/17/2018	Lake Okeechobee		Lake Okeechobee BMAP		60,186	7,055	8,142				$ 9,375,000	Project funding is contingent on annual legislative appropriations.
2.3	CEPP South: S-333N Increase	Natural Systems (includes recreational)	Construction of the new S-333N gated spillway with 1,150 cfs capacity adjacent to the existing S-333 gated spillway with 1,250 cfs capacity for a total capacity of 2,500 cfs to move water from the west to east within the L-29 Canal. The project is to be constructed within existing SFWMD right-of-way.	Underway	8/1/2018	Everglades, L-29 Canal, Water Conservation Area 3A	SF Lower East Coast									$ 7,424,969	Funding for this project to come from the CEPP Appropriation
2.3	CEPP South: Old Tamiami Trail Removal	Natural Systems (includes recreational)	Removal of approximately 5.5 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 directly to ENP and assist in alleviating high water conditions when experienced in WCA 3A by potentially providing a small increase in the conveyance capacity of the S-12 structures. The project area is entirely within Everglades National Park.	Underway	TBD	Everglades, L-29 Canal, WCA 3A	SF Lower East Coast									$ 5,741,163	Funding for this project to come from the CEPP Appropriation
2.3	CERP Biscayne Bay Coastal Wetlands Ph1	Natural Systems (includes recreational)	Phase 1 of this project will cover the survey, modeling, and preliminary design for the Cutler project, which will eventually consists of installation of a 400 cfs pump, intake canal, lined channel and spreader canal to pull freshwater from the C-1 and pump east into coastal wetlands. A future phase 2 will cover the final design of the project and ultimately construction.	Planned	TBD	Biscayne Bay & Coastal Wetlands	SF Lower East Coast									$ 1,300,000	Investment as of September 30, 2018 (includes design, construction & land). Total project cost for BBCW Ph1 -$164.0 million, as of January 2019 (based on 2012 price levels,)
2.3	G-341 Related Conveyance Improvements (Bolles Canal) (Restoration Strategies)	Water Quality	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.	Underway	10/1/2015	Bolles Canal										$ 8,936,642	Funding for this project to come from the $32M Restoration Strategies Appropriation
2.3	STA 5/6 Internal Improvements (Restoration Strategies)	Water Quality	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. Project planning is underway to move forward.	Underway	7/1/2018	N/A			No Water Made Available for restoration, STA improvements to treat existing basin runoff			168,442				$ 4,591,911	Funding for this project to come from the $32M Restoration Strategies Appropriation
2.3	STA-1E Western Flow-Way Modifications (Restoration Strategies)	Water Quality	The STA-1E Cell 5 and Cell 7 improvements project is required under Everglades Forever Act (EFA) and National Pollutant Discharge Elimination System (NPDES) consent orders (EFA CO 12-1149 and NPDES CO 12-1148) to meet the permit required, (EFA No. 0311207 and NPDES No. FL0778451) issued to the South Florida Water Management District (SFWMD or District) from the Florida Department of Environmental Protection (FDEP), Water Quality Based Effluent Limit (WQBEL) for Total Phosphorus in Discharges from Everglades STAs and State water quality standards in the Everglades Protection Area (EPA). The project will use suitable excess soils within the STA to raise/level the elevations within Cells 5 and 7	Planned	2/1/2020	Eastern Flow Path			No Water Made Available for restoration, STA improvements to treat existing basin runoff			990				$ 8,569,836	Funding for this project to come from the $32M Restoration Strategies Appropriation
2.3	CERP-Lake Okeechobee Watershed Restoration Project	Natural Systems (includes recreational)	The objectives of the LOWRP are to 1) Improve quantity, timing, and distribution of flows into Lake Okeechobee to maintain ecologically desired lake stage ranges more often; 2) Reduce large freshwater releases from Lake Okeechobee to improve the salinity regime and the quality of oyster, submerged aquatic vegetation (SAV), and other estuarine community habitats in the Northern Estuaries; 3) Increase the spatial extent and functionality of aquatic and wildlife habitat within Lake Okeechobee and the surrounding watershed; and 4) Increase availability of the water supply to the existing legal water users of Lake Okeechobee commensurate with improving Lake Okeechobee ecology. The tentatively selected plan includes a 46,000 ac-ft wetland attenuation feature, wetland restoration in the Paradise Run and Kissimmee River Center locations, and 80 aquifer storage and recovery wells. By providing storage of water from Lake Okeechobee, the project will help to decrease damaging discharges from Lake Okeechobee to the Northern Estuaries which contribute to harmful algal blooms.	Planned	TBD	Lake Okeechobee, Caloosahatchee Estuary, St. Lucie Estuary, Lake Okeechobee Watershed	SF Upper East Coast									$ 50,209,855	Total LOWRP project cost, per Tentative Selected Plan, is $1.96 billion (50/50 share USACE).

Appendix C - Fiscal Year 2019-20 Tentative Budget

South Florida Water Management District
Appendix C
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Activity/ Sub-Activity/ Budget Reference	Project Name	Project Type	Project Description	Project Status	Anticipated or Actual Contract Completion Date	Waterbody Benefited	RWSP Region Supported	BMAP/RAP Supported	Quantity of Water Made Available upon Completion (MGD) for Reuse and Non-Reuse	TN Reduction (lbs./yr.)	TP Reduction (lbs./yr.)	Size of Drainage Basin Treated	Sewer Made Available	Septic Systems Eliminated	Septic Systems Upgraded or Enhanced	District Tentative Budgeted Funding (FY 2019-20)	Future District Funding Commitments
2.3	Restoration Strategies Future Projects	Water Quality	The Restoration Strategies Program includes projects prescribed by FDEP consent orders associated with EFA and National Pollutant Discharge Elimination System permits that would achieve the 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, as well as additional water quality projects to work in conjunction with the existing STAs to meet the WQBEL. 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 purpose of STAs is to utilize biological processes to reduce phosphorus concentrations in order to achieve the WQBEL.	Planned	TBD	Everglades	(blank)	(blank)	(blank)	(blank)	(blank)	(blank)	(blank)	(blank)	(blank)	$ 14,197,123	Funding for future projects to come from the $32M Restoration Strategies Appropriation
2.3	CEPP New Water Future Projects	Water Quality	The purpose of CEPP is to improve the quantity, quality, timing, and distribution of water flows to the central Everglades (Water Conservation Area 3 (WCA 3) and Everglades National Park (ENP)). CEPP New Water will benefit the St. Lucie and Caloosahatchee Estuaries by decreasing the number and severity of high-volume regulatory flood control releases sent from Lake Okeechobee. Projects within CEPP New Water include redirecting approximately 370,000 acre feet of additional water to the historical southerly flow path south through a 240,000 ac-ft reservoir, construction of a 6,500 acre new stormwater treatment area (STA) along with the existing STAs, and conveyance improvements in the Miami Canal (1,000 cfs) and North New River Canal (200 cfs).	Planned	TBD	Lake Okeechobee, St. Lucie Estuary, Caloosatchee Estuary	(blank)	(blank)	(blank)	TBD	TBD	TBD	(blank)	(blank)	(blank)	$ 135,814,160	(blank)
2.3 Total										**165,347**	**47,884**	**475,675**				**$ 697,976,257**	
3.1	C-139 Annex Restoration Project	Natural Systems (includes recreational)	The Sam Jones/Abiaki Prairie Wetland Restoration (C-139 Annex Wetland Restoration) project is located on the C-139 Annex. The C-139 Annex is a 17,904 acre citrus grove parcel located in Hendry County, Florida purchased by the District in 2010. The restoration project encompasses approximately 7,813 acres of the C-139 Annex property and is generally located south of the existing FPL easement corridor and north of the Seminole Tribe of Florida's Big Cypress Reservation. The project will restore natural hydrology and reestablish historic wetland habitat, complementing Restoration Strategies by returning more historic conditions to the project area. The intent of the project is for mitigation of wetland impacts associated with limestone mining activities in the Lake Belt Region. The restoration project was approved by the Lake Belt Mitigation Committee in December 2012.	Underway	1/1/2015	WCA3			TBD			7,800				$ 19,529,081	Funding for this project will be allocated from the Lake Belt Mitigation Fund
3.1 Total										**-**	**-**	**7,800**				**$ 19,529,081**	
3.2	C-4 Canal Bank Improvements	Flood Control	The C-4 Canal Bank Improvements and Flood Protection Berm is a multiphase construction effort to stabilize and raise canal banks along the C-4 canal between the Palmetto Expressway and SW 130th Ave in Miami-Dade County. The project was developed following 2 major flood events in October of 1999 and October 2000. During these events, the C-4 canal exceeded it's capacity and overbanked the canal, adding to rain-driven flooding in the area. The completed project raised canal banks to a minimum elevation of 8.0 NGVD to provide flood protection. The raised canal banks efforts support the operational plan for the C-4 basin flood protection measures, which also include the C-4 emergency detention basin and the S-25B and S-26 forward pumps. The canal bank elevations were raised through a series of 7 project phases. The last and final phase reached final construction completion in April 2019. Project closeout documentation will be complete July 2019.	Completed	1/1/2006	C-4 Canal										$ -	
3.2	Pump Station's S9/9A Trash Rakes & Refurbishment	Flood Control	This project consists of constructing an automated trash rake system to service both stations, installing new generators and generator building, repairing existing rip-rap deficiencies, replacing the existing pump bay bar screens, replacing a pump impeller, repairing differential settling outside the building, and repairing the northeast wing wall sheet piles.	Underway	1/15/2020	C-11 Canal@ WCA 3A (L-37 & L-33 Borrow Canals)										$ 111,924	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	S319 & S362 Generator Replacement and Relocation	Flood Control	The project consists of replacing and relocating the existing generators at the S-319 and S-362 pump stations. Two new generator buildings will be constructed adjacent to the existing pump stations. The project includes upgrading automatic and manual transfer switches for a more reliable emergency and backup power source at both pump stations. Work is to progress in stages, such that, new equipment is to be installed, tested, and energized before existing equipment is de-energized and removed.	Underway	TBD	C-51 Canal and STA 1E										$ 63,221	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	S-49 Spillway Refurbishment	Flood Control	The Scope of the project consists of replacing the S-49 Structure with a new three gated structure with dewatering capabilities for future maintenance. It will be done by providing new control building with backup generator, adding a back-up controller and new SCADA equipment, providing new stilling wells and providing fall protection and providing various civil improvements to the site.	Underway	N/A. Design is being done internally at the District. We are at the early stages of design leading to submittal of 30% Design for review. No Construction contract has been executed.	C-24 Canal										$ 167,403	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	S-65D Spillway Refurbishment	Flood Control	The project scope includes concrete refurbishment, replacement of sheet pile wing walls and pile caps, replacement of the gates, conversion from hydraulic cable to a cable and drum gate hoist system, upgrade from single to three phase power, controls and upgrades, bank restoration and replacement of stilling wells and SCADA components.	Underway	TBD	C-38 Canal - SEG-7, Kissimmee River										$ 130,432	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	G-420 and G-420S Modifications	Flood Control	The project consists of hydraulic improvements to the G-420 pump station including the addition of curtain walls, replacement of pump intake bells, fillets, and splitters to each of three pump bays. Also the construction of H-pile and concrete panel turning vanes in the intake channel of the G-420 pump station. At G-420-S seepage pump station, new retaining walls will be constructed including dewatering capability.	Underway	11/1/2019	C-4 Detention Basin/C-4 Canal										$ 1,809,801	Funding for this project will be allocated within the O&M Refurbishment Program

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3.2	C-100A Canal Bank Rehabilitation	Flood Control	The C-100A tree removal project consists of the complete removal and disposal of all hazardous and exotic vegetation, litter, trash, debris, stump grinding and sod installation along the east and west rights-of-ways (ROW) of the C-100A Canal in Miami-Dade County,	Underway	First contract started tree removal on 12/2016 for Segment 1.	C-100A Canal										$ 973,822	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	S2/S3/S4 Pump Station Refurbishment	Flood Control	Refurbishment of existing Pump Stations S-2, S-3 & S-4 along the southern rim of Lake Okeechobee.	Planned	TBD	Lake Okeechobee										$ 50,000	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	Homestead Field Station Buildings Replacement	Flood Control	The project will demolish the existing B-230, B-33 and B-96 buildings at the Homestead Field Station and replace with a building that meets present code requirements and facility needs. The new building is to be approximately 15,430 square feet and includes storage and maintenance bays for operations and maintenance activities.	Underway	D/B Phase I: 5/29/18	N/A										$ 6,390,477	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	G-93 New Control Building	Flood Control	The G-93 Structure (Coral Gables Control Structure) is a reinforced concrete, gated spillway on the Coral Gables Canal (C-3) at Red Road in the City of Miami. The discharge is controlled by two vertical lift gates. Operation of the gates is manually controlled. An automatic device has not been installed due to the possibility of injury to manatees. The existing controls are located in a historic tower structure that is in poor condition.	Planned	TBD	C-3 Canal										$ 223,345	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	S-178 Gate Replacement & Automation/S-197 Automation	Flood Control	This project consists of the automation of Structure S-178 and gate replacement. It also includes the installation of a new control building, new motors and actuators and installation of a Motorola ACE Remote Terminal Unit (RTU). The current structure was built in 1966. the structure gates, guides, frames and rails have corroded heavily and now require replacement. The S-178 Structure is currently operated manually. The structure needs to be automated to provide more flexibility to manage water operations in Miami-Dade County. The S-197 Structure maintains optimum upstream water level in the C-111	Underway	S-197 Contract Execution Date was 07/2018; S-178 Contract Execution Date is	C-111 and C-111E Canals										$ 410,023	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	S-331 South Dade Conveyance System Communication System Upgrades (Command Control Center)	Flood Control	The current SCADA system and communication systems associated with the S-331 Command & Control Center are becoming obsolete and are no longer supported by the equipment manufacturers so parts are unavailable. As a result, communication system upgrades are required at the following pump stations: S-331, S-332B, S-332C, S-332D, S-357, S-199 & S-200. The project consists of converting existing hardware to the new Allen Bradley hardware, replacing the current Telvent system with the new FactoryTalk software package from Rockwell, upgrading the site systems with new asset management and security software, installing a new microwave tower at S-332D and replacing existing microwave tower at Homestead Field Station, replacing Motorola MOSCAD with Motorola ACE RTU's per district standards and installing new CCTV system at S-199 & S-200. The proposed upgrades will bring the pump stations to current District communication standards, and will provide additional assurances toward maintaining uninterrupted operation of these facilities, located within the Homestead and Miami Field Station areas of responsibility.	Underway	12/1/2017	L-31N Canal, C111 Canal										$ 4,230,038	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	Nubbin Slough STA Repair	Water Quality	The Nubbin Slough STA is the larger of the two stormwater treatment area constructed north of Lake Okeechobee. The Nubbin Slough STA Repair Project will include the repair or replacement of the existing concrete culvert located north of S-387C structure in the northwest corner of cell 2 of the STA; and the placement of filter drainage trench along the western and southern perimeter levees.	Planned	N/A - work to be completed in-house	Lake Okeechobee		Lake Okeechobee BMAP	N/A	N/A	8,878	773				$ 2,513,526	
3.2	S-331 Pump Refurbishment	Flood Control	Due to the age and condition of the pumps, refurbishment is required. The project reconditions the three vertical axial flow impeller pumps. This includes replacement of bearings, mechanical seals, impeller housing, pump shafts, pump couplings, shaft stabilizers, the water line for Unit #1, and the impeller for Unit #3, as well as installation of intermediate bearings on the shafts. Successful completion of the project will provide three fully refurbished pumps that will function reliably to control water levels to the north.	Underway	10/1/2016	L-31N Canal										$ 633,392	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	S-140 Pump Station Refurbishment	Flood Control	New equipment; 1.) Trash rakes replaced with new upstream bridge and automated trash rakes. 2.) Generators replaced with new building and dual generators. 3.) Pump back-flow gates and spillway gate replaced with new stainless steel gates and new actuators. 4.) Fuel system fully replaced with new storage tanks, piping and day tanks.	Underway	10/1/2016	N/A										$ 2,755,360	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	Spillway Refurbishments S-72 & S-75	Flood Control	The objective of S72, S75 and S82 structures refurbishment project is to repair the identified spillway structures. The project includes repair of spalled concrete, replacement of gates, recoating of wing walls, adding steel plating at the weir crest and along the corners of the gate recesses, installing new hand and guard rails, adding staff gauges/stilling wells and any other structure specific deficiencies identified. This work will strictly address repair & maintenance issues and will not change the level of service, intent or operations plan of the original structures.	Underway	12/1/2020	Lake Okeechobee, Lake Istokpoga, C-41A Canal, C-41 Canal, C-39A Canal, C-40 Canal										$ 3,456,957	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	Okeechobee Field Station Relocation	Flood Control	This project includes the progressive design/build of a single facility in a new location that will replace the existing SFWMD's OFS facility whereas the new facility will house the SFWMD's Okeechobee Field Station (OFS) administration personnel, the SFWMD's Okeechobee Service Center (OSC) personnel and the Florida Fish and Wildlife Conservation Commission's South Region Statewide Nuisance Alligator Program (FWC-SNAP). The new facility is proposed to be constructed on a 30 acre site on the District owned Grassy Island parcel at the corner of US Hwy 441 and Hillard Road approximately 3.2 miles north of State Road 70 in Okeechobee Florida.	Underway	TBD	N/A										$ 1,722,565	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	WPB FS Maintenance Systems Replacements	Flood Control	Upgrades to the WPBFS B-134 Building for health and safety in the paint mixing room and shop.	Underway	02/2019 - Paint Mix Room Replacement TBD - Air Compressor & Grit Blast Recovery Systems	N/A										$ 240,618	Funding for this project will be allocated within the O&M Refurbishment Program

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3.2	S-5A Pump Station Refurbishment	Flood Control	Complete refurbishment of all mechanical and electrical systems, automation, repowering of engines, pumps, chain drives, duel fuel conversion of engines, and structure hardening and bridge repairs	Underway	10/17/2016	C-51 Canal										$ 7,499,846	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	S-135 By-Pass Culvert	Flood Control	The District completed an assessment of the S135 Bypass Culverts and has determined that they are in a deteriorated condition and present a potential failure mode to the Herbert Hoover Dike, as well as a risk to the S-135 Pump Station. As a result, the District has initiated this project to abandon the culverts in place.	Underway	6/1/2017	Lake Okeechobee										$ 865,126	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	Large Project Culvert Replacements	Flood Control	Project Culverts, originally installed by the US Army Corps of Engineers (USACE) in the 1950's and 1960's, are no longer in serviceable condition. The 100378 project consists of the removal and the in-kind replacement of the culverts and flashboard risers and at some locations, removal only, where culverts are no longer required. Replacement Locations: L8-PC01, L12-PC0/PC06, L15-PC02/PC03/PC04/PC09/PC10/PC11/PC12, L20-PC03, C1N-PC14, C1W-PC24/PC25/PC27C18-PC18, C38A-PC01, and C41A-PC13N Remove and backfill (no replacement) Locations: L25-PC01A, C1W-PC26	Underway	2/1/2017	L8, L12, L15, L20, L25, C1N, C1W, C18, C38A, and C41A										$ 178,390	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	S-12 Tower SCADA Additions	Flood Control	Microwave communications equipment upgrade of S-356 to accommodate the shift of S-12 communication to S-356. The S-12 Tower was demolished.	Completed	3/1/2017	Everglades National Park										$ 952,241	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	BCB Canal Improvements	Flood Control	The BCB canals require remediation and enhancement in order to maintain the LOS within the basin, including the deepening and widening of the canals.	Planned	05/2019 executed survey and geotechnical borings	Miller, Golden Gate Main, C1 Connector, I75, Green and Cypress Canals.										$ 600,000	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	IT Shelters Project	Flood Control	The purpose of the IT Facility Replacement Project - South Loop is to replace an existing communications equipment facility buildings, furnish and install new communications support equipment, relocate designated equipment from the existing equipment facility building, install a new power service, install new power, lighting, control and monitoring circuits, install a new site ground and new tower ground radials at 4 sites: Homestead Field Station, Miami Field Station, Miami South Tower, and Ft Lauderdale Field Station.	Underway	8/1/2017	N/A										$ 3,293,090	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	BCB Structures Monitoring & Control Upgrades	Flood Control	Sites will be remotely controlled and monitored from B1 and BCB control room. Site data will be available on a real time server, total visibility of all site parameters including historical data. The sites can be polled for instant values and will report automatically any change of state. Commercial power and generators will be monitored, generators will have remote shut off control. Proven technology and communication upgrades will bring the sites to the District standards in effect	Underway	5/1/2018	Cocohatchee Canal, Faka Union canal, and Golden Gate canal										$ 250,000	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	G-310/G-335 Trash Rake Replacement	Flood Control	To support continued District operations, aging structures require periodic maintenance and repairs. G-310 & G-335 are located in the West Palm Beach Field Station service area. The G-310 Pump Station is located adjacent to the Loxahatchee Preserve and STA-1W, approximately 10 miles south of SR 80. The G-335 Pump Station is located adjacent to Pump Station G-436 and WCA2 is approximately 7 miles NE of US 27. The project work at G-310 & G-335 includes the removal of the existing trash rake system and replacement of the trash rake system at upstream bridge locations for G-310 and existing bridge at G-335, exhaust fan shroud replacements, building exterior concrete repair and waterproofing, lube oil fuel tanks and diesel and lube oil piping sandblasting and re-coating, and the addition of fall protection measures (ladders, parapet handrail, etc.).	Underway	2/1/2020	WCA2										$ 396,064	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	S-151 Structure Replacement	Flood Control	Replacement of six CMP culverts with new cast in place concrete box culverts with wing walls, stop log concrete recess, remote controlled stainless steel gates, stilling wells, relocation of existing staff gauges, concrete platforms, LP Tank, fencing, gates and new precast control building for system controls and generator.	Underway	1/16/2018	Miami Canal										$ 3,394,030	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	BCB Electrification and Remote Operations	Flood Control	This project encompasses the electrification of structures Cork1, Cork 2, CR951-1 and CR951-2; full monitoring and remote operations capabilities of the Cork 2 structure; and new generator and generator building at the Faka Union 5 structure.	Underway	8/1/2017	Corkscrew Canal, Golden Gate Canal										$ 1,614,440	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	S2,S3,S4,S7,S8 Monitor Panel Updates	Flood Control	Pump Stations S2, S3 and S4 were assessed by the Department of Homeland Security. This assessment requires the pump stations to be equipped with security systems that will keep them secure. The pump stations have recently been added to the South Florida Water Management District's (District's) Security Network. The District is now able to equip the S2, S3 and S4 stations with Closed Circuit Television (CCTV), access control and burglar alarms. Pump Stations S7 and S8 have most of the standard security systems in place but lack the access controls components (i.e. door security and alarm shut off). These are now proposed to be added to stations S7 and S8.	Underway	TBD	Lake Okeechobee										$ 1,755,179	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	S-169 Relocation & C-20 Dredging @ S-169	Flood Control	S169W will replace existing structure in new location ~ a mile west of the existing structure on the C-21 Canal. S169W is a reinforced concrete box culvert with 4 vertical lift gates. Each gate is 8ft high by 11 ft wide and will be automatically controlled. Once the new structure is fully operational, the existing structure will be partially demolished. Additionally the C-20 Canal will be armored from the its confluence with the C-21 canal up to the S-4 pump station.	Underway	10/1/2019	Lake Okeechobee, C-20 and C-21 Canals										$ 4,870,497	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	L-8 Dupuis Culverts	Flood Control	The District owned G-261, G-262, and G-263 culvert structures are located along the southwestern boundary of the Dupuis Management Area, adjacent to the L-8 Canal in Palm Beach County. The existing structures each include 72-inch corrugated metal pipe culverts through the L-8 Levee, with a sand-cement headwall on either end, and a flow control feature on the Dupuis side of each culvert. The existing structures were constructed in the mid-1990's and subsequently, joint separation of the culvert segments within the levee and headwall failures were identified at all three structures. The levee deterioration caused by the joint failure has continued, necessitating replacement.	Underway	11/1/2015	L-8 Canal										$ 2,338,822	Funding for this project will be allocated within the O&M Refurbishment Program

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3.2	S-40, S-41 and S-44 Gate Replacements	Flood Control	The project consists of the fabrication of new stainless steel vertical lift roller gates and new cable drum gate operators 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.	Underway	10/1/2019	C-15 Canal, C-16 Canal and C-17 Canal										$ 4,243,857	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	G310,G335,G370,G372 Grounding Mods	Flood Control	Upgrading the tower grounding and lightning protection systems at G310, G335, G370 and G372. Installing earthed entry panel ports to make water tight seal for pump station walls at G310 and G335. Install mast at G335 with new antennas then demolishing of the tower.	Underway	11/1/2019	STA-1W, STA-2, STA-3/4										$ 952,241	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	BCB Golden Gate Weir #4 Replacement	Flood Control	The project includes the complete replacement of structure GG4 with an upgraded structure at the same location	Underway	8/1/2017	Golden Gate Main Canal										$ 473,742	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	Gate Control Panel Replacement	Flood Control	The Gate Control Panel Replacement project is for 18 water control structures located in Okeechobee, Fort Lauderdale, Miami and Homestead Field Station areas of responsibility. The project includes replacement of obsolete manatee protection system equipment located in the gate control panels. This system controls the vertical lift gates at each structure to protect manatees that pass through the gates. The existing control panels were installed in the late 1990's and the manufacturer is no longer producing replacement parts. This project upgrades each site for a more efficient and safe operation by equipping the gate controllers with backup controllers (BUC) which will be integrated into the PLC functionality.	Underway	Currently the project is still under design stage. The plan is to fabricate 2 prototype panels (one for a gated structure and one for a boat lock), install, and test, then will complete the design for the rest of the sites. It is anticipated a construction contract will be executed in FY 2020 depending if there is any changes on design standards.	Lake Okeechobee, L-47, C-100, C-1, C-2, C-3, C-4, C-5, C-6, C-7, C-8, C-9, C-103, C-102, Military Canal										$ 150,000	Funding for this project will be allocated within the O&M Refurbishment Program
3.2	Culvert 8 Pump Attachment	Flood Control	This project is to design, fabricate, and install bulkhead at Culvert 8 to continue maintaining the water level at S133 basin at approximately 13 ft NGVD, but to also allow the District to place submersible hydraulic pumps in the headwall structure to pump additional stormwater following large storm events when the Lake is too high for gravity discharge.	Underway	4/18/2018	Lake Okeechobee										$ -	Project to be completed funding wise in FY18-19.
3.2	FTL FS B-226 Overhead Crane Replacement	Flood Control	The project will replace the existing five (5) ton DeShazo overhead crane with two (2) ten (10) ton overhead cranes on self-sufficient framing foundations at the Ft. Lauderdale Field Station. The existing existing five (5) ton overhead crane will be relocated within the maintenance building to accommodate welding activities.	Underway	TBD. Project construction was put on hold due to funding. Project will be funded in Fiscal Year 2020	N/A										$ 536,441	Funding for this project will be allocated within the O&M Refurbishment Program
3.2 Total										**-**	**8,878**	**773**				**$ 60,246,910**	
Grand Total										**165,347**	**56,762**	**484,248**				**$ 780,481,756**	

D. Outstanding Debt

In November 2006, the District issued $546,120,000 in Certificates of Participation (COPs) to fund the construction of Everglades Restoration projects. COPs are statutorily-authorized tax-exempt certificates. In February 2016, the District advanced refunded $442,025,000 of the outstanding balance of the Series 2006 COPs. This refunding was financed through the issuance of the Series 2015 Refunding COPs with a par value of $385,425,000. The economic gain on the refunding is a net present value savings of $72.2 million. The remaining outstanding principle balance at the end of Fiscal Year 2017-18 was $373,685,000.

The status of the District's Series 2015 COPs is summarized below as of September 30, 2018.

Current Debt Service Requirements on Existing Debt planned for Fiscal Year 2018-19:

Series	Original Issue Amount	Maturity	Principal	Interest	Total Requirements
COPs 2015	$385,425,000	2037	$ 12,325,000	$ 18,068,625	$ 30,393,625

Future Debt Service Requirements on Existing Debt:

Series	Fiscal Year	Principal	Interest	Total Requirements
COPs 2015	2019-20	12,935,000	17,437,125	30,372,125
	2020-21	13,580,000	16,774,250	30,354,250
	2021-22 thru 2025-26	78,760,000	72,709,750	151,469,750
	2026-27 thru 2030-31	100,420,000	50,418,750	150,838,750
	2031-32 thru 2035-36	126,500,000	23,548,500	150,048,500
	2036-37	29,165,000	729,125	29,894,125
		$361,360,000	**$181,617,500**	**$542,977,500**

E. Consistency Issues for Fiscal Year 2019-20

1. Prior Fiscal Years' Summary

In Fiscal Year 2011-12, the five water management districts agreed to and implemented a tiered management classification and performance metrics.

In Fiscal Year 2012-13 the management tiers were re-evaluated based on District size, scope, and programs of each District. The tiers are set at SFWMD Tier 1, SWFWMD and SJRWMD at Tier 2, and NWFWMD and SRWMD at Tier 3. The Tier 2 and Tier 3 districts have all adopted common pay grades, which facilitates the development of more consistent nomenclature for positions. Initially, the Tier 2 districts achieved pay grade consistency for approximately 50 jobs, particularly jobs in information technology, engineering and science.

Additionally, the performance metrics were evaluated annually and in Fiscal Year 2014-15 were finalized to include 7 CUP, 9 ERP, 1 Mission Support, 3 Natural Systems, and 3 Water Supply metrics for a total of 25 combined quarterly and annual metrics.

In addition to the structure, nomenclature, and performance metrics standards, the districts also adopted the Department of Management Services (DMS) 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 mileage (hours) / 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.

E. Consistency Issues for Fiscal Year 2019-20

2. Current Fiscal Years' Summary

a) Staff Levels/Reorganization

Each water management district continues to evaluate its organizational structure and staffing levels as it focuses on its core mission.

The Tentative Budget for SFWMD maintains a steady staffing level of 1475 FTEs.

The SFWMD executive management hold regular meetings to review vacant positions and the justification for their need. Selections for all positions approved for hire are typically hired at or below the budgeted salary amount. Routine oversight and reporting to ensure staffing resources support the agency's operational needs in the most efficient manner.

b) 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. The District continues to explore plan design options and cost saving measures that have a greater impact on health plan costs through implementing tighter pharmacy management and establishing incentives for the employees to utilize lower costs benefits, while offering alternative options that are low cost for both the employer and employee. Staff will continue to work with Cigna staff for potential plan design changes to provide to the Governing Board for future options in controlling health insurance costs for the District as well as not impact the employee's premiums. Prior plan design changes remain in effect and are being evaluated for positive fiscal impact:

- Managers contribute towards dental premiums,
- Implement the final phase of retiree's paying for their full premiums that the Governing Board approved last year,
- Mandatory use of CVS Pharmacy Network for all maintenance medications,
- Tele/Virtual Medicine included at $0 Copay,
- Emergency Room Copay increased to $200 per visit,
- Transition Life & Disability Coverage to CIGNA, and
- Expansion of existing Disease Management Program.

c) Contract and Lease Renewals

District report on progress of price of concessions from vendors.

Water Management Districts continue 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.

Every year, as applicable, the Districts requests every firm under a continuing contract hold their labor rates for any renewal period remaining in the contract term. For example, twenty of the twenty-seven firms to date have agreed to maintain their rates for a two-year renewal period for Professional Engineering Services for Operation, Maintenance, Repair, Replacement and Rehabilitation (OMRR&R) and Restoration Services.

Negotiated cost savings and cost avoidance are also realized through various competitive procurements of both commodities and services. Savings attributed to specific contracts include the elimination of an annual escalator or negotiation of labor rates and other direct costs. The District also realizes saving through piggy-backing the same rates and conditions from intergovernmental cooperative purchases.

Regarding office space leases, the District currently leases office space to DEP at its headquarters in West Palm Beach. The current leased space is nearly 18,000 square feet and is updated annually based on the actual square footage needed and offset by the District's occupancy at DEP's facility located at the Benton Building in Ft. Pierce, FL which is currently less than 1,000 square feet. For Fiscal Year 2019-20, the District anticipates receiving $363,350 in revenue from this lease.

For the remaining lease agreements, the SFWMD at the beginning negotiated price concessions on the earliest years of the lease terms. The price concessions were realized, and the remaining years terms call for negotiated inflationary increases. The leased spaces are for Service Centers located in Orange and Lee Counties where the District does not own suitable facilities.

The District is utilizing its owned office space in the most efficient manner possible by leasing out available space. Below are additional locations with leased space and the annual income generated.

- Available space in Fort Myers Service Center is being leased to the Edison & Ford Winter Estates resulting in $108,875 in revenue,

- Available space in the Big Cypress Basin Service Center is being leased to Collier County generating $73,161 in revenue, and

- The Daycare facility on Head Quarters Campus is leased resulting in $110,444 in revenue.

IX. CONTACTS

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