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Fiscal Year 2024-25
Five-Year Water Resource Development Work Program

October 2024

sfwmd.gov

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INTRODUCTION

Water management districts are required by Section 373.709, Florida Statutes (F.S.), to develop a regional water supply plan (RWSP) if they determine the existing sources of water (1) are inadequate to supply water for all existing and future reasonable-beneficial uses, and/or (2) may not sustain water resources and related natural systems for a 20-year planning period. RWSPs include analysis of current and future water demands, evaluation of available water sources, and identification of planned or proposed water resource and water supply development projects to meet demands.

The South Florida Water Management District (SFWMD) is required to prepare a Five-Year Water Resource Development Work Program (Work Program) as part of its annual budget reporting process, pursuant to Subsection 373.536(6)(a)4., F.S. The Work Program must describe SFWMD's implementation strategy and include an annual funding plan for each of the five years included in the Work Program for the water resource and water supply development components, including alternative water supply (AWS) development, of each approved RWSP. Furthermore, the Work Program must do the following:

- Address all elements of the water resource development component of the approved RWSPs as well as the water supply development projects proposed for SFWMD funding and assistance.
- Identify available SFWMD funding and anticipated additional funding needs for the second through fifth years of the funding plan.
- Identify projects in the Work Program which will provide water.
- Explain how each water resource and water supply project will produce additional water available for consumptive uses.
- Provide an assessment of the contribution of the SFWMD's RWSPs in supporting the implementation of minimum flows and minimum water levels (MFLs), restricted allocation areas (RAA), and water reservations.
- Ensure sufficient water is available to meet the water supply needs of existing and future reasonable-beneficial uses for a 1-in-10-year drought event and to avoid adverse effects of competition for water supplies.

This Work Program covers the period from Fiscal Year (FY) 2024-25 through FY 2028-29 and is consistent with the planning strategies of SFWMD's RWSPs. SFWMD has developed RWSPs for five distinct regional planning areas (**Figure 1**): Lower Kissimmee Basin (LKB), Upper Kissimmee Basin (UKB), Upper East Coast (UEC), Lower West Coast (LWC), and Lower East Coast (LWC). The UKB is SFWMD's portion of the Central Florida Water Initiative (CFWI), which covers Orange, Osceola, Polk, and Seminole counties as well as southern Lake County. The CFWI is a collaborative planning effort by three water management districts (SFWMD, Southwest Florida Water Management District, and St. Johns River Water Management District) as well as

other agencies and stakeholders to identify sustainable water supply options and potential projects to meet future demands while protecting, conserving, and restoring water resources in Central Florida. The approval dates of the current RWSPs and the next updates for each planning area are identified in **Table 1**. RWSP updates will have a common planning horizon of 2045 after approval of the LKB and CFWI in 2024 and 2025, respectively. For additional information about SFWMD's RWSPs, please visit https://www.sfwmd.gov/our-work/water-supply.

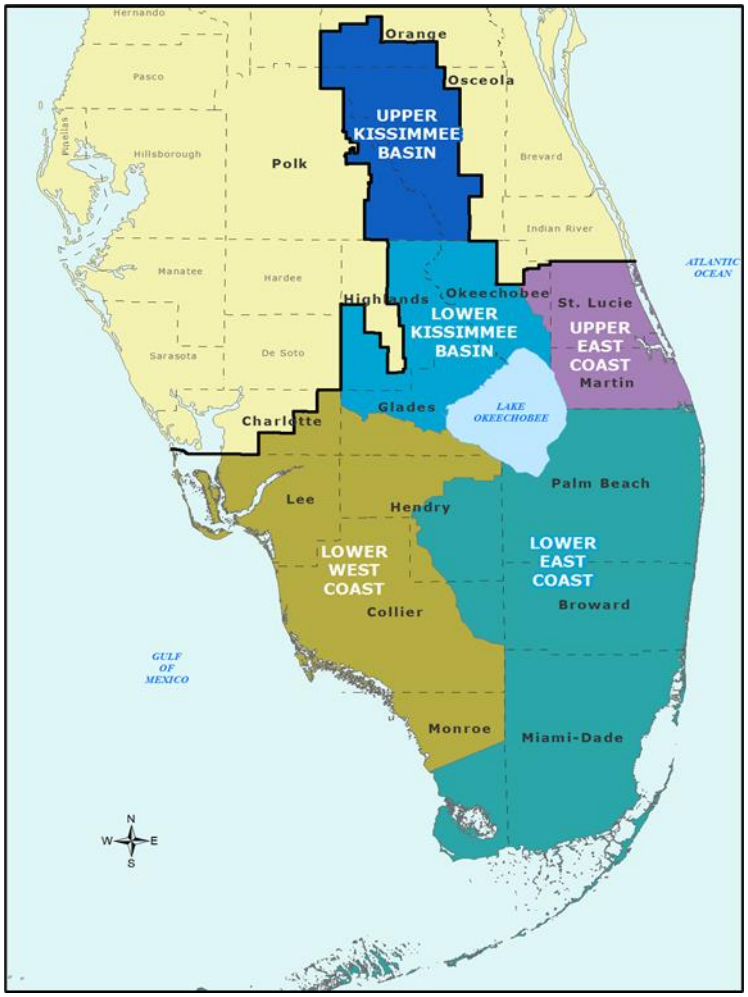

Figure 1. Regional water supply planning areas in SFWMD.

- **Lower Kissimmee Basin:** Portions of Okeechobee, Highlands, and Glades counties
- **Upper Kissimmee Basin:** Portions of Osceola, Orange, and Polk counties
- **Upper East Coast:** Martin and St. Lucie counties and eastern Okeechobee County
- **Lower West Coast:** Lee County and portions of Collier, Glades, Hendry, Monroe, and Charlotte counties
- **Lower East Coast:** Palm Beach, Broward, and Miami-Dade counties, and portions of Monroe, Collier, and Hendry counties

Table 1. Current water supply plan approval dates and five-year updates schedule.

Planning Region	Current Water Supply Plan	Next Update
Lower Kissimmee Basin	December 2019	December 2024
Central Florida Water Initiative	November 2020	November 2025
Upper East Coast	November 2021	November 2026
Lower West Coast	December 2022	November 2027
Lower East Coast	September 2024	September 2028

The population within SFWMD's boundaries is expected to increase by approximately 1.9 million people, to approximately 11 million people by 2040. The population growth rate varies throughout SFWMD, with some counties experiencing faster growth than others. Raw water demand for all water use categories is projected to increase by 415 million gallons per day (mgd) (2020), to approximately 4.0 billion gallons per day in 2040. Overall, demand projections in the most recent RWSP updates are lower than in previous updates.

In response to rapid population increases from 2006 to 2010 with high population and associated demand projections at that time, many utilities within the SFWMD's boundaries expanded water treatment facilities, developed AWS sources, and secured increased permit allocations to meet anticipated water needs. However, following the 2008 to 2012 economic recession, the anticipated population growth did not occur, and growth projections were substantially reduced. In addition, per capita use rates declined due to the economy, water shortage restrictions, implementation of year-round landscape irrigation restrictions, and an emerging water conservation ethic. These conditions left many utilities with reduced future demands and constructed treatment capacity that may not be fully utilized until well into the future. As a result, SFWMD's current RWSPs (except the CFWI RWSP) concluded few utilities need to construct additional water supply projects to meet their 2045 projected needs, and projects that may be needed are required at the end of the planning period, not within the next five years.

WORK PROGRAM SUMMARY

The Work Program presented herein is adequate to ensure water is available to timely meet the water supply needs of existing and future reasonable-beneficial uses during a 1-in-10-year drought event, to avoid the adverse effects of competition for water supplies, and to maintain the function of natural systems. This Work Program outlines SFWMD's planned funding over the next five years, including implementation of projects associated with MFL prevention or recovery strategies, RAAs, or water reservations. **Appendix B** to this Work Program includes the implementation costs and details of projects associated with basin management action plans (BMAPs). Additionally, SFWMD's Dispersed Water Management Program supports retaining stormwater, or detaining regional runoff for storage, on privately owned property to reduce the amount of water delivered into Lake Okeechobee or discharged to coastal estuaries. Dispersed water management projects, listed in **Table B-1,** can also provide groundwater recharge which enhances water supply and reduces water use where a project occurs on previously irrigated agricultural lands.

SFWMD projects that supply water primarily for the environment, including projects associated with the Comprehensive Everglades Restoration Plan (CERP), Restoration Strategies, or other restoration projects are finalized and updated annually in SFWMD's *South Florida Environmental Report* (SFER) – *Volume II* and SFER Consolidated Project Report Database, which are accessible at www.sfwmd.gov/sfer.

The implementation schedule and projected expenditures (including salaries, benefits, and operating expenses) for water resource development activities for FY 2024-25 through FY 2028-29 are provided in this document and reflect SFWMD's continued commitment to ensuring adequate resources are available to meet existing and future reasonable-beneficial needs. The estimated funding identified for the next five years is approximately $4.65 billion (**Table 3**). This Work Program is estimated to make available more than a total of 1,796 mgd annually as a result of these ongoing programmatic efforts. Most water (1,683 mgd) will continue to be delivered from the Central and Southern Florida Flood Control Project (C&SF Project) regional system to the LEC Planning Area through structure releases to maintain canal levels and through regional seepage that helps maintain LEC groundwater levels for water supply purposes.

As part of their annual progress reports required by Section 373.709(8)(b), F.S., potable water supply utilities have tentatively identified 60 reuse and non-reuse water supply development projects they plan to construct with local funding between FY 2024-25 through FY 2028-29 by updating the SFWMD's Water Supply Utilities Project Database. The 60 projects will create an estimated 245.01 mgd of AWS capacity and 125.85 mgd of reclaimed water distribution capacity. The total amount will increase with water made available upon completion of water supply development projects, including reuse and non-reuse water for urban and agricultural water supply that may be funded through the Cooperative Funding Program (CFP).

In addition to salary, benefits, and operating expenses for MFL criteria and rule development, approximately $3.6 billion over the next five years is planned for construction projects supporting MFL prevention and recovery strategies (**Table A-3**). However, new water will not be available for many projects associated with MFL water bodies until all project components are completed and operational. Funding for the CERP Caloosahatchee River (C-43) West Basin Storage Reservoir (C-43 Reservoir) project is to be used solely for environmental purposes benefitting the Caloosahatchee River MFL. The water stored in the C-43 Reservoir is protected by a water reservation to prevent allocation for consumptive uses.

WATER RESOURCE AND WATER SUPPLY DEVELOPMENT

Water resource development components are those that involve the "formulation and implementation of regional water resource management strategies, including the collection and evaluation of surface water and groundwater data; structural and non-structural programs to protect and manage water resources; the development of regional water resource implementation programs; the construction, operation, and maintenance of major public works facilities to provide for flood control, surface and underground water storage, and groundwater recharge augmentation; and related technical assistance to local governments, government-owned and privately-owned water utilities, and self-suppliers to the extent assistance to self-suppliers promotes the policies as set forth in s. 373.019" [Section 373.019(24), F.S.]. Most water resource development activities in SFWMD support and enhance water supply development but do not directly yield specific

quantities of water. Water resource development projects are regional in nature and primarily the responsibility of SFWMD. Two examples are the C&SF Project and CERP projects. The C&SF Project canals move water from Lake Okeechobee and the Everglades Water Conservation Areas to maintain coastal canal levels, augment water supplies during dry times, and prevent saltwater intrusion. The canals provide water to major ecosystems as well as agricultural and urban areas. They also are a crucial component of the region's flood control system. CERP, a partnership between the United States Army Corps of Engineers (USACE) and SFWMD, is a critical part of water supply planning, which includes capital projects needed to protect and restore natural systems and enhance water availability. CERP capital projects include the Everglades Agricultural Area (EAA) Reservoir and Stormwater Treatment Area (STA), C-43 Reservoir, and C-44 Reservoir and STA. The Governor's Executive Order 23-06: Achieving Even More Now for Florida's Environment directed funding be secured for projects that provide water quality, quantity, and supply benefits. In response to that Order, $784 million in funding is budgeted or proposed in the next five years for the Lake Okeechobee Watershed Restoration Project and the EAA Storage Reservoir Conveyance Improvements and STAs, which also provide water supply benefits. Water resource development activities are listed in **Table 2**, and the implementation schedule and projected expenditures are listed in **Table 3**.

Table 2. SFWMD water resource development activities and descriptions.

Water Resource Development Activity	Activity Description
Water Supply Planning	Work associated with developing five-year updates to SFWMD's RWSPs, not including the CFWI RWSP.
CFWI Planning Project	Work associated with implementation of the 2020 CFWI RWSP, including well drilling, wetlands monitoring, data collection and analysis, East-Central Florida Transient Expanded groundwater modeling, participation in technical and management teams, and production of the 2025 CFWI RWSP update.
Local Government Assistance	Review of local government comprehensive plans and plan amendments, including water supply facilities work plans (Chapter 163, F.S.). Technical assistance to local governments (Sections 189.4156 and 373.711, F.S.) to develop and revise local government comprehensive plan elements.
Water Supply Implementation	Implementation of RWSPs, including coordination, execution, and facilitation of water resource development activities, operational changes, implementation of AWS development projects, conservation programs, and rulemaking associated with the RWSPs. This is a multi-year process that involves working closely with other agencies, local governments, utilities, the agricultural industry, and environmental interests.
Cooperative Funding Program	Funding assistance provided to local water users for AWS and water conservation projects that are consistent with SFWMD's core mission and RWSPs. This includes AWS funding by Big Cypress Basin when budgeted.
Comprehensive Water Conservation Program	Activities associated with implementation of SFWMD's Comprehensive Water Conservation Program.
Water Protection Activities including MFLs, RAAs, and water reservations	Activities associated with development and re-evaluation of MFLs pursuant to Sections 373.042 and 373.0421, F.S., RAAs, and water reservations. Further discussion and a list of projects associated with an MFL prevention or recovery strategy and water reservations for this report time period is provided in the following sections.
Hydrologic Investigations, Groundwater Monitoring, Data Collection, and Analysis	Costs associated with SFWMD's maintenance of extensive groundwater monitoring networks and partnering with the United States Geological Survey to provide additional support and funding for ongoing monitoring. Documentation (including location, well construction, geophysical logging, aquifer testing, water level, water quality, and saltwater intrusion data) is provided in various SFWMD technical publications (www.sfwmd.gov/techpubs) and its corporate environmental database, DBHYDRO (www.sfwmd.gov/dbhydro).
Groundwater Modeling	Work associated with groundwater modeling efforts in support of RWSP updates.
C&SF Project Operations and Maintenance	The estimated costs for operations and maintenance of the C&SF Project that are attributed to providing water supply. Approximately 50% of the operations and maintenance budget is allocated to providing water supply to the region.

Table 3. FY 2024-25 through FY 2028-29 implementation schedule and projected expenditures (including salaries, benefits, and operating expenses) for water resource development activities.

Regional Water Activity	Plan Implementation Cost ($ thousands)					
	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	Total
Water Supply Planning Estimated finish date: Ongoing	1,012	1,012	1,012	1,012	1,012	**5,060**
CFWI Water Supply Planning Project Estimated finish date: Ongoing	607	607	607	607	607	**3,035**
Comprehensive Plan, Documents Review, and Technical Assistance to Local Governments Estimated finish date: Ongoing	201	201	201	201	201	**1,005**
Water Supply Implementation Estimated finish date: Ongoing	275	275	275	275	275	**1,375**
MFL, Water Reservation, and Restricted Allocation Area Activities Estimated finish date: Ongoing	0	0	0	0	0	**0**
Comprehensive Water Conservation Program Estimated finish date: Ongoing	397	397	397	397	397	**1,985**
Cooperative Funding Program Estimated finish date: Ongoing	22,122	0 [a]	0 [a]	0 [a]	0 [a]	**22,122**
Groundwater Monitoring Estimated finish date: Ongoing	2,443	2,443	2,443	2,443	2,443	**12,215**
Groundwater Modeling Estimated finish date: Ongoing	1,128	1,128	1,128	1,128	1,128	**5,640**
Estimated Portion of C&SF Project Operation and Maintenance Budget Allocated to Water Supply [b] Estimated finish date: Ongoing	131,695	131,695	131,695	131,695	131,695	**658,475**
Subtotal	**159,880**	**137,758**	**137,758**	**137,758**	**137,758**	**710,912**
Regional Projects Benefiting Water Supply						
Lake Okeechobee Watershed Restoration [c]	50,000 [d]	50,000 [d]	50,000 [d]	50,000 [d]	50,000 [d]	**250,000**
EAA Storage Reservoir Conveyance Improvements and Stormwater Treatment Area [c, e]	112,200	151,026	104,678	57,362	108,956	**534,222**
Other Projects Associated with MFL Recovery/Prevention Strategies [f]	421,062	351,179	492,662	728,459	713,716	**2,706,538**
C-25 Reservoir and Stormwater Treatment Area	24,000	84,300	84,000	84,000	22,400	**298,700**
Lake Okeechobee Component A Reservoir (LOCAR) [g]	1,300	5,000	15,000	15,000	0	**36,300**
Subtotal	**608,562**	**759,997**	**869,242**	**854,024**	**845,928**	**3,937,751**
Total	**768,442**	**897,755**	**1,077,000**	**991,782**	**983,686**	**4,648,663**

a. A determination of what funds, if any, will be allocated for CFP projects will be made by the Governing Board during the fiscal year budget development process.

b. Approximated based on 50% of the FY 2024-25 operation and maintenance budget, including resiliency funding.

c. Project cost based on information contained in the draft FY 2025-29 SFWMD Five-Year Capital Improvement Plan.

d. Funding contingent upon future state appropriations.

e. Includes Reservoir Inflow Pump Station, Inflow Canal Reservoir/ STA, A-2 STA, North New River and Miami Canal Improvements, and Bridges.

f. Totals from Table A-3, less than the funding for the Lake Okeechobee Watershed Restoration and EAA Storage Reservoir Conveyance Improvements and STA.
g. Water Resources Development Act 2024 authorization needed.

Water supply development components involve "planning, design, construction, operation, and maintenance of public or private facilities for water collection, production, treatment, transmission, or distribution for sale, resale, or end use" [Section 373.019(26), F.S.] and are primarily the responsibility of local water providers.

Cooperative Funding Program

To assist local water providers and users in the implementation of the water supply development component, SFWMD periodically provides funding assistance to public water suppliers, local governments, special districts, homeowners' associations, and other public and private water users for AWS and water conservation projects consistent with the SFWMD's core mission, through the CFP. The CFP provides partnership opportunities and financial incentives to implement local projects that complement regional water supply efforts. The list of currently funded projects is shown in Appendix A, **Tables A-1** and **A-2**.

MFL AND WATER RESERVATION ACTIVITIES

MFL implementation activities include conducting research to set scientifically based criteria for defining significant harm; conducting voluntary, independent peer review of the associated science as needed; obtaining stakeholder input; and completing rulemaking. Prevention or recovery strategies are developed concurrently with MFLs to either maintain (prevention strategy) or achieve (recovery strategy) compliance with established MFLs. SFWMD adopted MFLs for 9 water bodies, which include 40 MFL compliance monitoring sites. Five MFL water bodies have prevention strategies, while the remaining four MFLs have recovery strategies. All four MFL water bodies with recovery strategies have projects planned in the next five years to move toward meeting the minimum flow or minimum water level. Four of the five water bodies that have prevention strategies rely on existing regulatory components to meet the minimum flow or minimum water level and do not involve new projects. The St. Lucie Estuary and Biscayne Acquire are the only MFL water bodies with prevention strategies with CERP projects planned within this Work Program.

MFL prevention or recovery strategy projects with implementation costs planned for FY 2024-25 through FY 2028-29 are listed in **Table A-3**. These projects are designed to provide new water for the MFL water body once all the project components are completed. This list does not include projects associated with improving water quality or providing additional storage within the watershed (e.g., dispersed water management projects).

For the five-year period through FY 2028-29, the Florida Bay MFL and Northwest Fork of the Loxahatchee River MFL may be reevaluated to include changing hydrological conditions over a 20-year planning horizon.

Water reservations set aside water for the protection of fish and wildlife or public health and safety. Water reservations also support restoration efforts and recovery or prevention strategies for established MFLs. Before SFWMD and USACE enter into a project partnership agreement, the legal protection of water resulting from the project is required. Either RAA rules or water reservations provide this protection of project water while meeting the requirements of the Water Resources Development Act of 2000 for construction of CERP project components such as reservoirs or STAs. SFWMD has adopted seven water reservations and seven RAA rules.

Most recently, rulemaking was completed to protect project water made available for the environment from the CERP Loxahatchee River Watershed Restoration Project (LRWRP). LRWRP aims to improve freshwater flows to the Northwest Fork of the Loxahatchee River, which is a nationally designated Wild and Scenic River. The project is also part of the MFL recovery strategy for the Northwest Fork. The existing Lower East Coast Regional Water Availability Rule (Section 3.2.1.E of the *Applicant's Handbook for Water Use Permit Applications within the South Florida Water Management District* or Applicant's Handbook; SFWMD 2022b) was amended in June 2022 to expand RAA boundaries to fully encompass LRWRP footprint. Additionally, a new RAA (Section 3.2.1.G of the Applicant's Handbook; SFWMD 2022b) was adopted in June 2022 to protect water associated with the LRWRP's four proposed aquifer storage and recovery (ASR) wells at the C-18W Reservoir site.

For the five-year period through FY 2028-29, the Water Control Plan for the Caloosahatchee River (C-43) West Basin Storage Reservoir project will be developed. This plan will be coordinated with federal and state partners as the project construction continues and does not require additional rulemaking at this time. There will also be rulemaking to the Lake Okeechobee Watershed Restoration CERP Project, which restores the natural system by modifying the overall quantity, quality, timing, and distribution of fresh water. To support restoration, water reservations, RAA rule, or both, will be developed or modified to protect the water resources. Additionally, the Biscayne Bay Water Reservation will be modified to include operational changes resulting from the Biscayne Bay and Southeastern Everglades Ecosystem Restoration (BBSEER).

A priority water body list and schedule, including MFLs and water reservations, is approved annually by SFWMD's Governing Board and submitted to the Florida Department of Environmental Protection (FDEP) for review and approval by November 15. A complete list of MFL, water reservation, and RAA development activities can be found on the SFWMD's website at www.sfwmd.gov/our-work/mfl, www.sfwmd.gov/our-work/water-reservations, and www.sfwmd.gov/our-work/restricted-allocation-areas, respectively.

APPENDIX A: WATER RESOURCE DEVELOPMENT WORK PROGRAM PROJECTS

Open water conservation and AWS projects funded from FY 2019-20 to FY 2023-24 through the FDEP AWS Program and Water Protection and Sustainability Program (WPSP) will be carried forward into FY 2024-25; and are listed in **Tables A-1** and **A-2**.

Consistent with sections 373.536(6)(a)4., F.S. and 373.036(7)(b)8., F.S., and in a manner that has been coordinated with FDEP and all five water management districts, SFWMD has included information for all Water Resource Development Work Program projects, including specific projects that implement a MFL recovery or prevention strategy, in **Table A-3**.

Table A-1. FY 2019-20 to FY 2023-24 AWS projects carried forward into FY 2024-25.

Entity Name	Project Name	Contract FY	Quantity of Water Made Available upon Completion (mgd)	Reclaimed or Brackish Water Distribution Capacity (mgd)	Total Project Cost	FDEP (AWS or Coronavirus) or WPSTF Amount	SFWMD Ad Valorem/ WPSTF Amount
Tohopekaliga Water Authority	Cypress Lakes Wellfield: Concentrate Disposal Well IW-2, Monitor Well, and Floridan Production Wells	2019-20	15.00	0.00	$14,262,099	$5,556,600	$0
Port St. Lucie, City of	McCarty Ranch Reservoir and Water Treatment Plant (Areas 3, 4, and 6)	2019-20	11.10	0.00	$5,725,169	$1,000,000	$0
Davie, Town of	Reclaimed Water System Extension along SW 92nd Ave from SW 36th Ave to Griffin Rd	2021-22	0.00	1.00	$2,000,000	$800,000	$0
Davie, Town of	Reclaimed Water System Extension along SW 30th St from 75th Ave to College Ave	2021-22	0.00	0.30	$640,000	$256,000	$0
Palm Beach County Water Utilities	Palm Beach-Broward Interconnect Phase IA: South Reclaimed Water Transmission and System Extension (~3.6 miles of pipe) in Southern Palm Beach County	2022-23	0.00	2.00	$58,500,000	$3,500,000	$0
Palm Beach County Water Utilities [a]	Green Cay Wetlands 2-mgd Indirect Potable Reuse Project – Water Purification Treatment Plant, 2.3 miles Purified Water Pipeline, and 4 Surficial Aquifer Wells, Phase 2	2022-23	2.00	0.00	$95,000,000	$5,000,000	$0
Cape Coral, City of	North 1 Reclaimed Water Main Extension (~7.5 miles of pipe), Phase 1A	2022-23	0.00	0.44	$8,157,749	$1,382,200	$0

Table A-1. Continued.

Entity Name	Project Name	Contract FY	Quantity of Water Made Available upon Completion (mgd)	Reclaimed or Brackish Water Distribution Capacity (mgd)	Total Project Cost	FDEP (AWS or Coronavirus) or WPSTF Amount	SFWMD Ad Valorem/ WPSTF Amount
Bonita Springs Utilities, Inc. [b]	Reverse Osmosis Water Treatment Plant 4 mgd (Phase 3) Expansion - RO Membranes, Floridan Aquifer Wells 42, 49, 50, 52, 53 and 54, and Raw Water Piping	2022-23	4.00	0.00	$19,100,000	$7,168,990	$0
St. Lucie County BOCC	North County Reverse Osmosis Water Treatment Plant – Floridan Aquifer System Wells PW-2 and PW-3	2022-23	2.00	0.00	$7,600,000	$2,500,000	$0
Tohopekaliga Water Authority	Cypress Lake Wellfield: Concentrate Disposal Well IW-1 and Monitor Well, LFA Production Well CL-1 Retrofit, and Raw Water Piping	2023-24	0.00	15.00	$15,009,750	$5,169,900	$0
Miramar, City of	Reclaimed Water Main Extension west of I-75	2023-24	0.00	3.50	$8,624,000	$2,320,000	$0
Palm Beach County Water Utilities [c]	Palm Beach-Broward Interconnect Phase 1B: South Reclaimed Water Transmission and System Extension in southern Palm Beach County	2023-24	0.00	0.00	$0	$2,706,200	$0
Palm Beach County Water Utilities [d]	Green Cay Wetlands 2 mgd Indirect Potable Reuse Project - Water Purification Treatment Plant, 2.3 miles Purified Water Pipeline, and 4 Surficial Aquifer Wells, Phase 2a	2023-24	0.00	0.00	$0	$3,000,000	$0
		TOTAL	**34.10**	**22.24**	**$234,618,767**	**$40,359,890**	**$0**
						TOTAL FDEP and SFWMD Funding	**$40,359,890**

a. This project uses FY 2019-20 FDEP AWS funding ($53,940) and FY 2022-23 FDEP AWS funding ($4,946,060).
b. This project uses FY 2021-22 FDEP/Coronavirus ($2,671,740) and FY 2022-23 DEP AWS funding ($4,497,250).
c. Total project costs & mgd are included in the FY 2022-23 Palm Beach-Broward Interconnect Phase 1A project.
d. Total project costs & mgd are included in the FY 2022-23 Palm Beach Green Cay project.

FY= Fiscal Year; mgd = million gallons per day; WPSTF = Water Protection and Sustainability Trust Fund; IW = injection well; MG = million gallons; PW = production well; Coronavirus = Coronavirus State and Local Fiscal Recovery Funds; RO = reverse osmosis.

Table A-2. FY 2019-20 to FY 2023-24 Water Conservation projects carried forward into FY 2024-25.

Entity Name	Project Name	Contract FY	Quantity of Water Made Available upon Completion (mgd)	Total Project Cost	FDEP AWS or WPSTF Amount	SFWMD Ad Valorem or WPSTF Amount
Florida Keys Aqueduct Authority	High Efficiency Toilet Rebate Program	2019-20	0.01	$60,000	$30,000	$0
Miami-Dade Water & Sewer Department	Residential High Efficiency Toilet Rebate Project FY 2021-2022	2020-21	0.02	$76,712	$15,000	$15,000
Miami-Dade Water & Sewer Department	Residential High Efficiency Showerhead and Faucet Rebate Project FY 2021-2022	2020-21	0.02	$91,480	$18,000	$18,000
Miami-Dade Water & Sewer Department [a]	Residential High Efficiency Toilet and Fixture Rebate Projects FY 22/23	2021-22	0.01	$55,000	$25,900	$0
West Palm Beach, City of [a]	Urban irrigation Efficiency Improvement Program	2021-22	0.02	$78,350	$39,175	$0
Broward County Resilient Environment Department, Natural Resources Division	Conservation Pays High Efficiency Toilet Rebate on behalf of Broward Water Partnership	2022-23	0.02	$100,000	$50,000	$0
Bonita Springs Utilities, Inc.	Irrigation Residential Rebate Program	2022-23	0.13	$20,000	$8,000	$0
Broward County Water and Wastewater Services (WWS) [a]	High Efficiency Toilet Replacement Credit Program	2022-23	0.02	$60,000	$25,500	$0
Bonita Springs Utilities, Inc.	High-Efficiency Toilet Rebate Program	2022-23	0.01	$50,000	$20,000	$0
West Palm Beach, City of [a]	Community Water Conservation Strategies Phase IX - HET	2022-23	0.01	$62,500	$31,250	$0
Reflection Isles Master Association, Inc. [a]	Reflection Isles Irrigation Retrofit	2022-23	0.07	$364,420	$100,000	$0
Palm Beach Soil & Water Conservation District	Nursery Overhead Efficiency Project #4	2023-24	0.15	$72,860	$36,430	$0
Bonita Springs Utilities, Inc.	Irrigation Residential Rebate FY 24 Program	2023-24	0.03	$15,000	$7,500	$0
Orange County Utilities	Commercial Waterwise Neighbor Program	2023-24	0.06	$103,005	$51,500	$0
Broward County Resilient Environment Department, Natural Resources Division	Residential Irrigation Rebate FY 24 Program	2023-24	0.02	$52,500	$26,250	$0
Tohopekaliga Water Authority	HET Rebate Program	2023-24	0.03	$120,000	$60,000	$0
West Palm Beach, City of	Community Water Conservation Strategies Phase X - HET	2023-24	0.01	$62,500	$31,250	$0
Osprey Cove Condominium Master Association	Osprey Cove HET Retrofit Program	2023-24	0.00	$41,400	$20,700	$0
		TOTAL	**0.63**	**$1,485,727**	**$596,455**	**$33,000**

Entity Name	Project Name	Contract FY	Quantity of Water Made Available upon Completion (mgd)	Total Project Cost	FDEP AWS or WPSTF Amount	SFWMD Ad Valorem or WPSTF Amount
					TOTAL FDEP and SFWMD Funding	**$629,455**

a. Project using FY 2019-20 FDEP AWS funding.

FY= Fiscal Year; mgd = million gallons per day; HET = high efficiency toilet.

Table A-3. Projects associated with an MFL prevention or recovery strategy for FY 2024-25 through FY 2028-29. (Note: All costs are subject to change until the FY 2024-25 Five-Year Capital Improvements Plan is approved by the SFWMD's Governing Board by February 2025, including development of FY 2028-29 project implementation costs.)

Projects	Project Implementation Costs [a]					
	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	5-Year Work Plan Cost Estimates
St. Lucie Estuary						
C-23/24 North Reservoir & STA [b]	$400,000	$400,000	$400,000	$400,000	$400,000	**$2,000,000**
C-23/24 South Reservoir	$82,100,000	$80,000,000	$144,640,378	$155,296,172	$155,224,392	**$617,260,942**
Everglades						
C-44 – C-23 Estuary Diversion Canal [c]	$26,000,000	$0	$0	$0	$0	**$26,000,000**
EAA Storage Reservoir Conveyance Improvements and Stormwater Treatment Area [d]	$112,200,000	$151,025,619	$104,677,726	$57,361,947	$108,956,311	**$534,221,603**
Central Everglades Planning Project (CEPP) North [e]	$89,300,000	$185,380,000	$308,282,000	$227,485,000	$178,880,000	**$989,327,000**
CEPP South [b, f]	$400,000	$400,000	$400,000	$400,000	$400,000	**$2,000,000**
Western Everglades Restoration Project – southern features	$19,808,343	$25,640,564	$15,909,453	$20,961,048	$76,854,287	**$159,173,695**
Biscayne Aquifer						
Biscayne Bay Coastal Wetlands	$40,100,000	$0	$0	$0	$0	**$40,100,000**
C-11 Impoundment, C-9 Impoundment, and WCA 3A/3B Seepage Management [b]	$400,000	$10,400,000	$400,000	$400,000	$400,000	**$12,000,000**
Caloosahatchee River						
Caloosahatchee River (C-43) West Basin Storage Reservoir	$160,335,337	$90,000,000	$0	$0	$0	**$250,335,337**
Lake Okeechobee						
Lake Okeechobee Watershed Restoration Project [g]	$50,000,000 [g]	$50,000,000 [g]	$50,000,000 [g]	$50,000,000 [g]	$50,000,000 [g]	**$250,000,000**
Loxahatchee River						
Loxahatchee River Watershed Restoration Project	$2,218,130	$13,508,630	$72,521,464	$179,910,000	$211,140,000	**$479,298,224**
Lake Okeechobee and Western Everglades						

CEPP Restoration Project Planning (LERRDS/BBSEER/WERP) [h]	$0	$5,000,000	$5,000,000	$5,000,000	$5,000,000	**$20,000,000**
Taylor Slough (Florida Bay)						
C-111 South Dade – S332 B/C Pump Station Replacement	$0	$58,941,725	$68,010,995	$57,809,346	$36,272,530	**$221,034,596**
Total	**$583,261,810**	**$670,696,538**	**$770,242,016**	**$755,023,513**	**$823,527,520**	**$3,602,751,397**

a. Project costs based on information contained in the draft FY 2025-26 SFWMD Five-Year Capital Improvement Plan.
b. United States Army Corp of Engineers is the Lead Entity.
c. The C-44 – C-23 Estuary Diversion Canal is listed under the Everglades MFL recovery strategy because it is a precursor project that must be completed first. The IRL-S C-23 to C-44 Estuary Diversion Canal is not a part of CEPP, it is a part of the IRL-South project. During CEPP planning it was determined the C23/C44 would be a predecessor to CEPP operations to send water back to Lake Okeechobee to meet CEPPEPP Savings Clause issues.
d. Includes Reservoir Inflow Pump Station, Inflow Canal Reservoir/ STA, A-2 STA, North New River and Miami Canal Improvements, and Bridges.
e. Includes the L-4 Levee Degrade/Pump Station, L-5 Canal Improvements, L-6 Diversion, S-8 Modifications, and Miami Canal Backfill.
f. Includes Structures S-152, S-631, S-632, S-633 & a gap in L-67C Levee, L-67A spoil pile removal, S-356E Pump Station, S-334E Gated spillway, S-356 demolition, S-355W gated spillway, etc.
g. Project is expected to provide new (recovered) water for the Lake Okeechobee MFL recovery strategy.
h. Funding contingent upon future state appropriations.

APPENDIX B: PROJECTS ASSOCIATED WITH A BASIN MANAGEMENT ACTION PLAN FOR FISCAL YEAR 2024-25 THROUGH FISCAL YEAR 2028-29

Basin management action plans (BMAPs) are the "blueprint" for restoring impaired waters by reducing pollutant loadings to meet allowable levels established in a total maximum daily load (TMDL). In 2016, the Florida Legislature amended Section 373.036(7)(b)8., F.S., to require the identification of all specific projects that implement a BMAP or an MFL recovery or prevention strategy in the Work Program. SFWMD's Work Program has historically identified water resource development projects that support MFL recovery and prevention strategies but has not included specific descriptions of projects primarily intended to implement BMAPs. Consistent with Section 373.036(7)(b)8., F.S., and in a manner coordinated with FDEP and all five water management districts, SFWMD has included information for specific projects that implement a BMAP in **Table B-1**.

There are five regional adopted BMAPs within SFWMD's boundaries: Caloosahatchee Estuary (FDEP 2012b), Everglades West Coast (FDEP 2012a), Indian River Lagoon (FDEP 2013a), St. Lucie River and Estuary (FDEP 2013b), and Lake Okeechobee (FDEP 2014). Updated BMAPs for the St. Lucie River and Estuary, Caloosahatchee River and Estuary, and Lake Okeechobee were adopted in February 2020 (FDEP 2020a,b,c, respectively). **Table B-1** reflects BMAP projects planned costs for FY 2024-25 through FY 2028-29[1]. Of the 53 total BMAP projects listed in this table, one project is aligned with the Central Indian River Lagoon BMAP, 16 projects are aligned with the St. Lucie River and Estuary BMAP, eight projects are aligned with the Caloosahatchee River and Estuary BMAP, 28 projects are aligned with the Lake Okeechobee BMAP; and none are aligned with the Everglades West Coast BMAP.

[1] BMAP projects SFWMD is implementing are aligned with FDEP's BMAP 2020 updates for St. Lucie River and Estuary, Caloosahatchee River and Estuary, and Lake Okeechobee (FDEP 2020a,b,c, respectively), and final *2023 Statewide Annual Report on Total Maximum Daily Loads, Basin Management Action Plans, Minimum Flows or Minimum Water Levels, and Recovery or Prevention Strategies* (FDEP 2024). Five-year (FY2024-2025 through FY2028-2029) cost estimates are shown as projections based on current BMAP-associated projects under contract by SFWMD or based on prior year expenditure trends, and do not include salaries. FY2025-2026 through FY2028-2029 costs are contingent on future legislative funding and Governing Board approval of future fiscal year funding.

Table B-1. BMAP projects costs in dollars, excluding salaries, for FY 2024-25 through FY 2028-29.
(Note: All costs are from the FY 2023-24 approved Five-Year Capital Improvements Plan and are subject to change until SFWMD's FY 2024-25 Five-Year Capital Improvements Plan is approved by February 2025, including development of FY 2028-29 project implementation costs.)

BMAP	Lead Entity	Partners	FDEP Project Number	Project Name	Project Type	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	Project Total	Comments
CIRL	St. Lucie County	SFWMD/ SJRWMD	SLC-09	North Hutchinson Island Septic to Sewer	Septic to Sewer Connection/ OSTDS	$0	$0	$0	$0	$0	**$0**	FY2025 amount from prior year state grant
STLU	City of Port St. Lucie	SFWMD/ SJRWMD	PSL-31	C-23 Water Quality Restoration - McCarty Ranch	Storage and Water Quality	$0	$0	$0	$0	$0	**$0**	FY2025 amount from prior year state grant
STLU	Martin County	SFWMD/ SJRWMD	MC-46	Old Palm City Septic to Sewer	Septic to Sewer Connection/ OSTDS	$0	$0	$0	$0	$0	**$0**	FY2025 amount from prior year state grant
STLU	University of Florida	SFWMD/ SJRWMD	N/A	Reclaimed Water BMP Project	Study8A	$0	$0	$0	$0	$0	**$0**	FY2025 amount from prior year state grant
STLU	Troup-Indiantown WCD	SFWMD/ USACE	TI-04	C-44 Reservoir Area	Hydrologic Restoration	$4,625,275	$3,960,467	$3,985,844	$3,974,212	$3,936,116	**$20,481,913**	O&M costs only
STLU	Troup-Indiantown WCD	SFWMD/ USACE	TI-05	C-44 Stormwater Treatment Area	Stormwater Treatment Area	$2,361,976	$2,440,326	$2,582,173	$1,494,922	$1,588,252	**$10,467,649**	O&M costs only
STLU	Coordinating Agency	N/A	CA-01	Ten Mile Creek Water Preserve Area	Hydrologic Restoration	$613,333	$475,775	$475,775	$475,775	$475,775	**$2,516,433**	O&M costs only
STLU	Coordinating Agency	N/A	CA-02	Indian River Lagoon-South	Regional Stormwater Treatment	$132,280,000	$164,300,000	$228,640,378	$239,296,172	$177,624,392	**$942,140,942**	-

Table B-1. Continued.

BMAP	Lead Entity	Partners	FDEP Project Number	Project Name	Project Type	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	Project Total	Comments
STLU	Coordinating Agency	N/A	CA-03	Adams-Russakis Ranch Water Management Alternative	Dispersed Water Management	$75,341	$75,341	$75,341	$75,341	$75,341	**$376,707**	-
STLU	Coordinating Agency	N/A	CA-04	C-23/24 Interim Storage Section C Water Farm	Dispersed Water Management	$37,925	$30,941	$37,957	$30,973	$37,989	**$175,784**	O&M costs only
STLU	Coordinating Agency	N/A	CA-05	Bluefield Grove Water Farm	Dispersed Water Management	$5,466,063	$5,466,063	$5,466,063	$5,466,063	$5,466,063	**$27,330,314**	-
STLU	Coordinating Agency	N/A	CA-06	Bull Hammock Ranch Water Management Alternative	Dispersed Water Management	$37,343	TBD	TBD	TBD	TBD	**$37,343**	-
STLU	Coordinating Agency	N/A	CA-07	Spur Land and Cattle	Dispersed Water Management	$155,824	$155,824	$155,824	$155,824	$155,824	**$779,122**	-
STLU	Coordinating Agency	N/A	CA-08	Caulkins Water Farm	Dispersed Water Management	$7,011,268	$7,011,268	$7,011,268	$7,011,268	$7,011,268	**$35,056,339**	-
STLU	Coordinating Agency	N/A	CA-09	Alderman-Deloney Ranch	Dispersed Water Management	$21,808	$21,808	$21,808	$21,808	$21,808	**$109,038**	-
STLU	Coordinating Agency	N/A	CA-10	C-23/24 District Lands Hydrologic Enhancement Project a	Dispersed Water Management	$0	TBD	TBD	TBD	$0	**$0**	FY2025 funding from prior year appropriations
STLU	Coordinating Agency	N/A	CA-11	Allapattah Flats Parcels A and B	Wetland Restoration	$75,245	$76,375	$75,510	$75,650	$76,796	**$379,576**	O&M costs only
CALO	Coordinating Agency	N/A	CA-01	C-43 West Basin Storage Reservoir	Hydrologic Restoration	$160,335,337	$90,000,000	$5,832,547	$5,866,292	$5,153,786	**$266,852,625**	FY2027-2029 O&M costs only
CALO	Coordinating Agency	N/A	CA-02	Lake Hicpochee Storage and Shallow Hydrologic Enhancement, Phase 1	Hydrologic Restoration	$185,867	$197,239	$197,971	$198,718	$199,484	**$979,279**	O&M costs only

Table B-1. Continued.

BMAP	Lead Entity	Partners	FDEP Project Number	Project Name	Project Type	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	Project Total	Comments
CALO	Coordinating Agency	N/A	CA-03	Lake Hicpochee Expansion, Phase II	Hydrologic Restoration	$0	$0	$24,200,000	$790,546	$790,851	**$25,781,397**	FY 2025 and FY 2026 funding from prior year appropriations and state grants. FY 2028-FY 2029 O&M costs only
CALO	Coordinating Agency	N/A	CA-04	BOMA Flow Equalization Basin	Hydrologic Restoration	$0	$18,943,146	$13,997,980	$923,893	$924,577	**$34,789,596**	Pilot test operations
CALO	Coordinating Agency	N/A	CA-05	C-43 Water Quality Treatment and Testing Facility, Phase II - Test Cells	Study	$709,892	$1,404,783	$1,404,783	$1,404,783	TBD	**$4,924,241**	O&M costs only
CALO	Coordinating Agency	N/A	CA-06	C-43 West Basin Storage Reservoir Water Quality Component	Constructed Wetland Treatment	$210,313	$277,450	$213,668	$215,469	$217,362	**$1,134,262**	-
CALO	Coordinating Agency	N/A	CA-07	Mudge Ranch	Dispersed Water Management	$111,000	$96,000	TBD	TBD	TBD	**$207,000**	-
CALO	Coordinating Agency	N/A	CA-08	Four Corners Rapid Infiltration	Dispersed Water Management	$2,583,638	$2,583,638	$2,583,638	$2,583,638	$2,583,638	**$12,918,191**	-
OKEE	SFWMD	FDEP/ USACE	SFWMD-01	Taylor Creek Stormwater Treatment Area Project	Stormwater Treatment Area	$197,935	$197,935	$197,935	$197,935	$197,935	**$989,675**	O&M costs only
OKEE	SFWMD	FDEP/ USACE	SFWMD-02	Nubbin Slough Stormwater Treatment Area Project	Stormwater Treatment Area	$235,911	$235,911	$235,911	$235,911	$235,911	**$1,179,555**	O&M costs only

Table B-1. Continued.

BMAP	Lead Entity	Partners	FDEP Project Number	Project Name	Project Type	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	Project Total	Comments
OKEE	SFWMD	FDEP/ USACE	SFWMD-03	Lakeside Ranch – Phase I	Stormwater Treatment Area	$449,903	$546,913	$435,488	$549,547	$469,033	**$2,450,885**	O&M costs only
OKEE	SFWMD	FDEP	SFWMD-06	Rolling Meadows Wetland Restoration – Phase I	Wetland Restoration	$88,870	$88,870	$88,870	$88,870	$88,870	**$444,350**	O&M costs only
OKEE	SFWMD	FDEP/ SFWMD	SFWMD-10	West Waterhole	Dispersed Water Management	$802,476	$824,696	$846,916	$869,136	$891,356	**$4,234,580**	-
OKEE	SFWMD	FDEP/ SFWMD	SFWMD-11	Rafter T Ranch	Dispersed Water Management	$213,231	$300,000	$300,000	$300,000	$300,000	**$1,413,231**	-
OKEE	SFWMD	FDEP/ SFWMD	SFWMD-12	Buck Island Ranch (NE-PES-1) b	Dispersed Water Management	See SFWMD-23	See SFWMD-23	See SFWMD-23	See SFWMD-23	See SFWMD-23	**See SFWMD-23**	-
OKEE	SFWMD	FDEP/ SFWMD	SFWMD-13	Dixie West c	Dispersed Water Management	See SFWMD-14	See SFWMD-14	See SFWMD-14	See SFWMD-14	See SFWMD-14	**See SFWMD-14**	-
OKEE	SFWMD	FDEP/ SFWMD	SFWMD-14	Dixie Ranch c	Dispersed Water Management	$205,688	$205,688	$205,688	$205,688	$205,688	**$1,028,441**	-
OKEE	SFWMD	FDEP/ SFWMD	SFWMD-15	Dixie Ranch c	Dispersed Water Management	See SFWMD-14	See SFWMD-14	See SFWMD-14	See SFWMD-14	See SFWMD-14	**See SFWMD-14**	-
OKEE	SFWMD	FDEP/ SFWMD	SFWMD-16	Eagle Haven Ranch d	Dispersed Water Management	$60,000	$60,000	$60,000	$60,000	$60,000	**$300,000**	-
OKEE	SFWMD	FDEP/ SFWMD	SFWMD-18	XL Ranch	Dispersed Water Management	$163,668	$163,668	$163,668	$163,668	$163,668	**$818,338**	-

OKEE	SFWMD	FDEP/ SFWMD	SFWMD-19	Abington Preserve e	Dispersed Water Management	$24,235	$50,000	$50,000	$50,000	$50,000	**$224,235**	-

Table B-1. Continued.

BMAP	Lead Entity	Partners	FDEP Project Number	Project Name	Project Type	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	Project Total	Comments
OKEE	SFWMD	FDEP/ SFWMD	SFWMD-20	Llanos Ranches f	Dispersed Water Management	$330,806	$330,806	$330,806	TBD	TBD	**$992,418**	-
OKEE	SFWMD	FDEP/ SFWMD	SFWMD-21	Nicodemus Slough	Dispersed Water Management	$1,085,505	$3,600,000	$3,600,000	$3,500,000	$3,500,000	**$15,285,505**	-
OKEE	SFWMD	USACE	SFWMD-22	Kissimmee River Headwaters Revitalization	Hydrologic Restoration	$13,886,008	$13,886,008	$13,886,008	$13,886,008	$13,886,008	**$69,430,040**	-
OKEE	SFWMD	FDEP/ SFWMD	SFWMD-23	Buck Island Ranch (NE-PES-2) c	Dispersed Water Management	$575,984	$575,984	$575,984	$575,984	$575,984	**$2,879,919**	-
OKEE	Coordinating Agency	FDEP/ SFWMD	CA-01	Brighton Valley Dispersed Water Management	Dispersed Water Management	$3,683,730	$3,683,730	$3,683,730	$3,683,730	TBD	**$14,734,918**	-
OKEE	Coordinating Agency	N/A	CA-04	Lakeside Ranch – Phase II	Stormwater Treatment Area	$649,419	$679,920	$664,299	$651,037	$659,447	**$3,304,122**	O&M costs only
OKEE	Coordinating Agency	FDEP/ SFWMD	CA-05	El Maximo Ranch Dispersed Water Management	Dispersed Water Management	$4,625,354	$4,625,354	$4,625,354	$4,625,354	$4,625,354	**$23,126,772**	-
OKEE	Coordinating Agency	N/A	CA-21	Brady Ranch FEB and ASR	Hydrologic Restoration	$4,650,000	$6,500,000	$3,040,000	$45,500,000	$45,500,000	**$105,190,000**	-
OKEE	Coordinating Agency	N/A	CA-22	Grassy Island FEB and ASR	Hydrologic Restoration	$0	$5,780,700	$26,031,600	$19,523,738	$0	**$51,336,038**	FY 2025 funding from prior year appropriation
OKEE	Coordinating Agency	N/A	CA-24	Lower Kissimmee Basin Stormwater Treatment Area	Stormwater Treatment Area	$45,801,200	$15,418,400	$115,415,400	$112,000,000	$106,000,000	**$394,635,000**	FY 2025 funding from prior year state grant

Table B-1. Continued.

BMAP	Lead Entity	Partners	FDEP Project Number	Project Name	Project Type	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	Project Total	Comments
OKEE	Coordinating Agency	N/A	CA-25	Lake Okeechobee S-191 Basin Surface Runoff Phosphorus Removal Using Innovative Technologies	Study	$2,400,000	$2,000,000	$0	$0	$0	**$4,400,000**	Project funding is from prior year state grants
OKEE	Coordinating Agency	N/A	CA-26	Aguaculture – Lake Istokpoga	Aquatic Vegetation Harvesting	$1,490,000	$1,490,000	$1,490,000	$1,490,000	$1,490,000	**$7,450,000**	-
OKEE	Coordinating Agency	N/A	CA-27	Partin Family Ranch	Dispersed Water Management	$200,000	$200,000	$200,000	$200,000	$200,000	**$1,000,000**	-
OKEE	Coordinating Agency	N/A	CA-28	TCNS 214 Storage and Treatment	Dispersed Water Management	$0	$3,271,040	$2,100,000	TBD	TBD	**$5,371,040**	FY 2025 funding from prior year state appropriations and federal grants.
OKEE	Coordinating Agency	N/A	CA-29	Basinger Dairy Legacy Phosphorus Removal	Dispersed Water Management	$420,000	$5,420,000	$420,000	$420,000	$420,000	**$7,100,000**	FY 2025 funding from prior year state appropriation
Totals						**$398,802,033**	**$367,652,065**	**$475,606,183**	**$478,837,954**	**$385,858,575**	**$2,106,756,811**	

Key to Abbreviations: ASR – Aquifer Storage and Recovery; BMAP – Basin Management Action Plan; CA – Coordinating Agencies, which are South Florida Water Management District (SFWMD), Florida Department of Environmental Protection (FDEP), and Florida Department of Agriculture and Consumer Services (FDACS); CALO – Caloosahatchee River and Estuary; FEB – Flow Equalization Basin; FY– Fiscal Year; N/A – not applicable; NE-PES-1 – Northern Everglades Payment for Environmental Services Solicitation 1; NE-PES-2 – Northern Everglades Payment for Environmental Services Solicitation 2; O&M – Operations and Maintenance; OKEE – Lake Okeechobee BMAP (FDEP 2020c); OSTDS – Onsite Sewage Treatment and Disposal System; SJRWMD – St. John's River Water Management District; STLU – St. Lucie River and Estuary BMAP (FDEP 2020a); TBD – to be determined; USACE – United States Army Corps of Engineers; and WCD – Water Control District.

a. C-23/C-24 District Lands Hydrological Enhancements is formerly known as the C-23/C-24 Interim Storage Parcel B project (CA-10).

b. Buck Island Ranch includes previous Buck Island Ranch, Wildlife Management Area (WMA) Component 1, and WMA Component 2 projects (SFWMD-12 and SFWMD-2).

c. Dixie Ranch incorporates former Dixie West and Dixie Ranch projects (SFWMD-13, SFWMD-14, and SFWMD-15).

d. Eagle Haven Ranch is formerly known as Lost Oak Ranch under the Dispersed Water Management Program (SFWMD-16).

e. Abington Preserve is formerly known as Triple A Ranch under the Dispersed Water Management Program (SFWMD-18).

f. Llanos Ranches is formerly known as La Hamaca and originally referred to as Blue Head Ranch under the Dispersed Water Management Program (SFWMD-20).

LITERATURE CITED[2]

CFWI. 2020. *2020 Central Florida Water Initiative Regional Water Supply Plan*. Available at: https://www.cfwiwater.com.

FDEP. 2012a. *Final Basin Management Action Plan for the Implementation of Total Maximum Daily Loads for Dissolved Oxygen Adopted by the Florida Department of Environmental Protection in the Everglades West Coast Basin*. Prepared by the Florida Department of Environmental Protection, Tallahassee, FL, with participation from the Everglades West Coast Basin Technical Stakeholders. December 2012.

FDEP. 2012b. *Final Basin Management Action Plan for the Implementation of Total Maximum Daily Loads for Nutrients Adopted by the Florida Department of Environmental Protection in the Caloosahatchee Estuary Basin*. Prepared by the Florida Department of Environmental Protection, Tallahassee, FL, with participation from the Caloosahatchee Estuary Basin Technical Stakeholders. December 2012.

FDEP. 2013a. *Final Basin Management Action Plan for the Implementation of Total Maximum Daily Loads for Nutrients Adopted by the Florida Department of Environmental Protection in the Indian River Lagoon Basin, Central Indian River Lagoon*. Prepared by the Florida Department of Environmental Protection, Tallahassee, FL, with participation from the Central Indian River Lagoon Stakeholders. May 2013.

FDEP. 2013b. *Final Basin Management Action Plan for the Implementation of Total Maximum Daily Loads for Nutrients and Dissolved Oxygen by the Florida Department of Environmental Protection in the St. Lucie River and Estuary Basin*. Prepared by the Florida Department of Environmental Protection, Tallahassee, FL, with participation from the St. Lucie River and Estuary Basin Technical Stakeholders. May 2013.

FDEP. 2014. *Final Basin Management Action Plan for the Implementation of Total Maximum Daily Loads for Total Phosphorus by the Florida Department of Environmental Protection in Lake Okeechobee*. Prepared by the Florida Department of Environmental Protection, Tallahassee, FL, with participation from the Lake Okeechobee Stakeholders. December 2014.

FDEP. 2020a. *St. Lucie River and Estuary Basin Management Action Plan*. Prepared by the Florida Department of Environmental Protection, Tallahassee, FL, with participation from the St. Lucie River and Estuary Stakeholders. Adopted by Final Order, February 2020.

FDEP. 2020b. *Caloosahatchee River and Estuary Basin Management Action Plan*. Prepared by the Florida Department of Environmental Protection, Tallahassee, FL, with participation from the Caloosahatchee River and Estuary Stakeholders. Adopted by Final Order, February 2020.

FDEP. 2020c. *Lake Okeechobee Basin Management Action Plan*. Prepared by the Florida Department of Environmental Protection, Tallahassee, FL, with participation from the Lake Okeechobee Stakeholders. Adopted by Final Order, February 2020.

FDEP. 2024. *Statewide Annual Report on Total Maximum Daily Loads, Basin Management Action Plans, Minimum Flows or Minimum Water Levels, and Recovery or Prevention Strategies*. Prepared by the Florida Department of Environmental Protection, Division of Environmental Assessment and Restoration and Office of Water Policy, Tallahassee, FL. July 1, 2024.

[2]All the FDEP BMAPs and associated annual progress reports are available at www.dep.state.fl.us/water/watersheds/bmap.htm. The Final Statewide Annual Report (FDEP 2024) is available at www.floridadep.gov/star.

SFWMD. 2018. *2018 Lower East Coast Water Supply Plan Update*. South Florida Water Management District, West Palm Beach, FL. November 2018.

SFWMD. 2019. 2019 Lower Kissimmee Basin Water Supply Plan Update. South Florida Water Management District, West Palm Beach, FL. December 2019.

SFWMD. 2021. *2021 Upper East Coast Water Supply Plan Update*. South Florida Water Management District, West Palm Beach, FL. November 2021.

SFWMD. 2022a. 2022 *Lower West Coast Water Supply Plan Update*. South Florida Water Management District, West Palm Beach, FL. December 2022.

SFWMD. 2022b. Applicant's Handbook for Water Use Permit Applications within the South Florida Water Management District. South Florida Water Management District, West Palm Beach, FL. Effective June 13, 2022.