

Fiscal Year 2024

Recommended Annual Service Budget

Pursuant to Section 373.536, Florida Statutes



Southwest Florida
Water Management District

WATERMATTERS.ORG • 1-800-423-1476

June 27, 2023

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**Resource Materials for
Fiscal Year 2024
Recommended Annual Service Budget (RASB)**

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Note: Cover photo taken by Jeff Whealton, Agricultural Regulation Program Manager

I. Introduction

A. History of Water Management Districts

Due to extreme drought and shifting public focus on resource protection and conservation, legislators passed four major laws in 1972: Environmental Land and Water Management Act, Comprehensive Planning Act, Land Conservation Act, and 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, Florida Statutes, 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 the taxing authority that 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.

The Southwest Florida Water Management District (District) was established in 1961 to operate and maintain several large flood protection projects. Since then, legislative action and state agency delegation have expanded the District's responsibilities to include managing water supply and protecting water quality and the natural systems in response to evolving water management challenges. The District, along with the other four water management districts, works 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 websites and contact officials at each district. The District's website is www.WaterMatters.org.

I. Introduction

B. Overview of the District

The District includes about 17 percent of the state's total area. The District encompasses all or part* of 16 counties from Levy County in the north to Charlotte County in the south and extends from the Gulf of Mexico east to the highlands of central Florida, as further illustrated below.

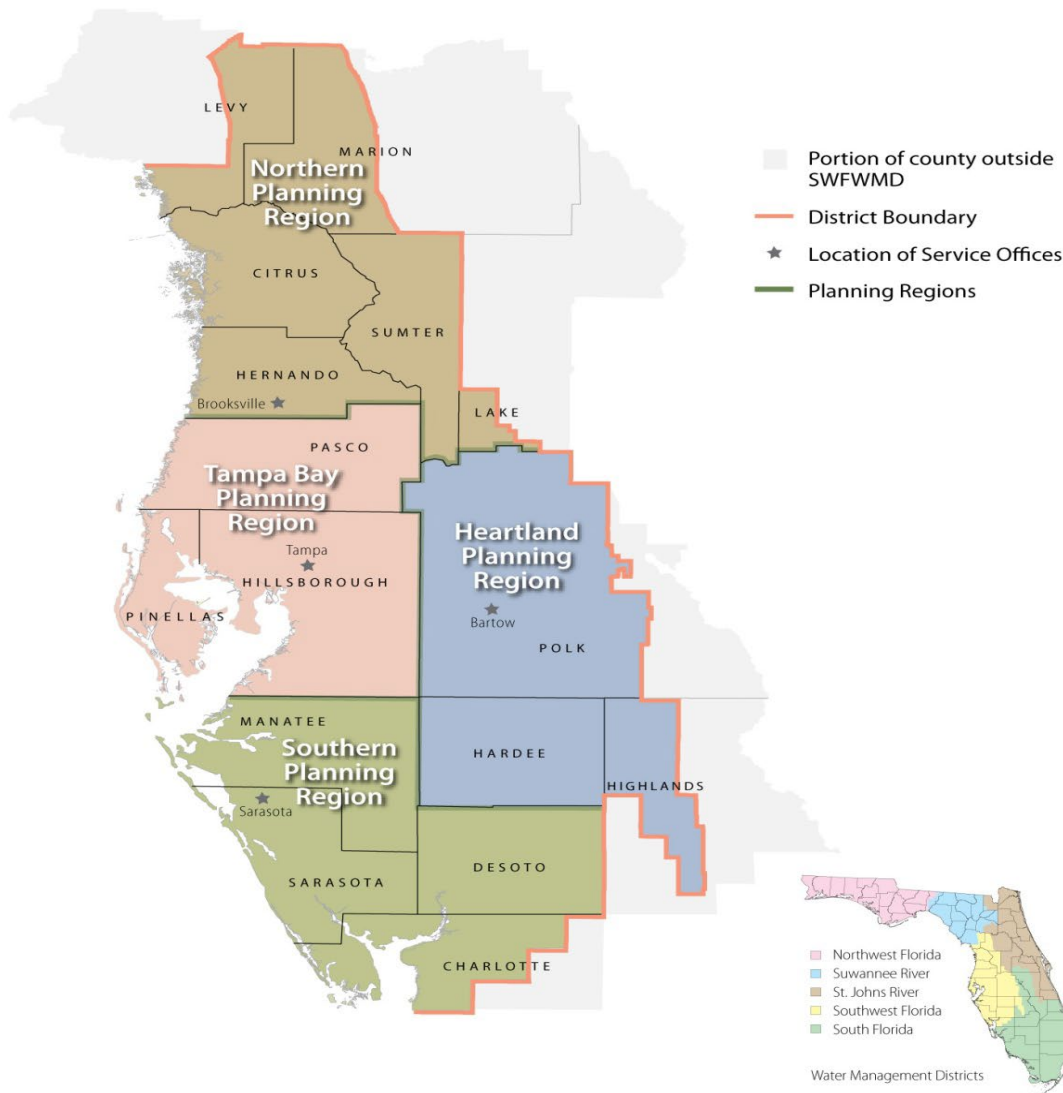
Charlotte*
Hernando
Levy*
Pinellas

Citrus
Highlands*
Manatee
Polk*

DeSoto
Hillsborough
Marion*
Sarasota

Hardee
Lake*
Pasco
Sumter

Southwest Florida
Water Management District



I. Introduction

The District contains 97 local governments spread over approximately 10,000 square miles with a total population estimated to be 5.6 million. Several heavily populated and rapidly growing urban areas lie within this District, as does much of Florida's most productive agricultural land and phosphate mining areas. The region also contains the Green Swamp (headwaters for the Peace, Hillsborough, Withlacoochee, and Oklawaha rivers) and numerous lakes, springs, streams, and ponds. There are more than 200 springs within the District. Many of these springs are part of the five first-magnitude spring groups: Chassahowitzka River, Crystal River/Kings Bay, Homosassa River, Rainbow River, and Weeki Wachee River. For planning purposes, the District is divided into four regions: Northern, Tampa Bay, Heartland, and Southern.

The District is a regional governmental authority (special district) involved in many aspects of water management. The District was created in 1961 by a special act of the Florida Legislature to serve as local sponsor of the Four Rivers Basin, Florida flood-control project designed by the U.S. Army Corps of Engineers. This law was later incorporated into Chapter 373, Florida Statutes (F.S.). Chapter 373, F.S., establishes funding and general administrative and operating procedures for all five of Florida's water management districts and mandates their overall responsibilities. Like the other water management districts, this District is independently governed by its Governing Board and works closely with the Executive Office of the Governor and the Department of Environmental Protection (DEP).

The District's original focus on flood control was expanded to include water use regulation and permitting, water shortage and conservation planning, water resource and supply development, water research assistance, minimum flows and minimum water levels, structural and non-structural forms of flood control, aquatic plant control, hydrologic investigations, land acquisition and management, and public education. In 1982, the DEP further expanded the District's duties by delegating public supply well construction and stormwater management permitting. These tasks represented the districts' first direct involvement in water quality aspects of resource management.

In 1992, the DEP delegated dredge and fill permitting activities, which in 1995 were combined with management and storage of surface water permitting activities, to form the Environmental Resource Permitting program. In 1997, the water management districts were given the additional requirement of creating a Five-Year Water Resource Development Work Program that describes the implementation strategy for the water resource development component of each approved regional water supply plan developed.

The District's operations are directed by a 13-member Governing Board. Appointed by the Governor and confirmed by the Senate, Governing Board members are unpaid volunteers representing diverse backgrounds and interests. Board members, who must live within the District, serve four-year terms. The Governing Board determines the District's overall policies, executes its statutory and regulatory responsibilities, administers contracts, and authorizes tax levies and budgets in accordance with the Truth in Millage (TRIM) statutory budgetary hearing process. The Governing Board appoints the District's Executive Director, subject to approval by the Governor and the Senate, and appoints the District's Inspector General.

The District's primary funding source is ad valorem taxes, although revenues are also derived from state and federal appropriations, permit fees, interest earnings, and other sources. The taxing capabilities of the District are established by the Legislature within the limits set by the Florida Constitution.

Organization Chart



I. Introduction

D. Mission and Guiding Principles of the District

The District assumes its responsibilities as authorized in Chapter 373, Florida Statutes, and other chapters of the Florida Statutes by directing a wide range of programs, initiatives, and actions. Its Governing Board has adopted the following formal Mission Statement and has made it an integral part of its overall budget philosophy and structure:

“The mission of the Southwest Florida Water Management District is to protect water resources, minimize flood risks, and ensure the public’s water needs are met.”

The District has established a goal that acts as a guiding principle for each of the four areas of responsibility (AOR).

- **Water Supply** – Ensure an adequate supply of water to provide for all existing and future reasonable and beneficial uses while protecting and maintaining water resources and related natural systems.
- **Water Quality** – Protect and improve water quality to sustain the water resources, environment, economy, and quality of life.
- **Flood Protection and Floodplain Management** – Minimize flood damage to protect people, property, infrastructure, and investment.
- **Natural Systems** – Preserve, protect, and restore natural systems to support their natural hydrologic and ecologic functions.

I. Introduction

E. Organization of the Budget

Budgets are organized into funds. Each fund is a separate entity having its own assets, liabilities, revenues, and expenditures. Each fund also retains its own equity (i.e., any excess of revenues minus expenditures) as a fund balance. Funds with similar accounting characteristics are grouped together as follows:

The District's **General Fund** is the primary operating fund of the District. It accounts for all financial resources except those required to be accounted for in another fund identified below.

Special Revenue Funds are maintained to account for the proceeds of specific revenue sources that are legally restricted to expenditures for specified purposes. Currently, the District's only special revenue fund is the Florida Department of Transportation (FDOT) Mitigation Program Fund which accounts for the revenue received from the FDOT for the state-mandated FDOT Mitigation Program. This program requires mitigation to offset adverse impacts of transportation projects to be funded by the FDOT and carried out by the Department of Environmental Protection and the water management districts.

Capital Projects Funds are used for the acquisition, construction, and improvement of major capital assets.

- **Facilities Fund** has been established for capital renovations, enhancements, or expansions of existing facilities and the purchase or construction of new facilities. Repair and maintenance projects continue to be funded through the District's General Fund.
- **Structures Fund** has been established for large scale structure construction projects including replacements or refurbishments of existing structures. Repair and maintenance projects continue to be funded through the District's General Fund.
- **Florida Forever Fund** encompasses the District's land acquisition activities under the Florida Forever program. Section 373.139, Florida Statutes, provides that the District may acquire lands for flood control, water storage, water management, conservation and protection of water resources, aquifer recharge, water resource and water supply development, and preservation of wetlands, streams, and lakes.

Within each fund, budgets are organized into bureaus, sections, and activities/projects. For management control purposes, budgets are further classified into expenditure categories:

Operating:

- Salaries and Benefits
- Operating Expenses
- Contracted Services for Operations
- Operating Capital Outlay

Projects:

- Contracted Services for District Projects
- Interagency Expenditures (Cooperative Funding and District Grants)
- Fixed Capital Outlay

I. Introduction

F. Budgetary Accounting

Annual budgets are adopted on a basis consistent with generally accepted accounting principles (GAAP) using the modified accrual basis of accounting. It is mandated by state law that the budget be balanced, meaning that total appropriations are equal to total revenues. It is assumed at the time of adoption that all budget revenues will be realized, and all expenditures will be incurred.

The District maintains extensive budgetary controls to ensure compliance with legal provisions embodied in the annual appropriated budget adopted by the Governing Board. The level of budgetary control (i.e., the level at which expenditures cannot legally exceed the appropriated amount) is established at the fund level. The District does not issue bonded debt for capital projects; therefore, no debt service is budgeted.

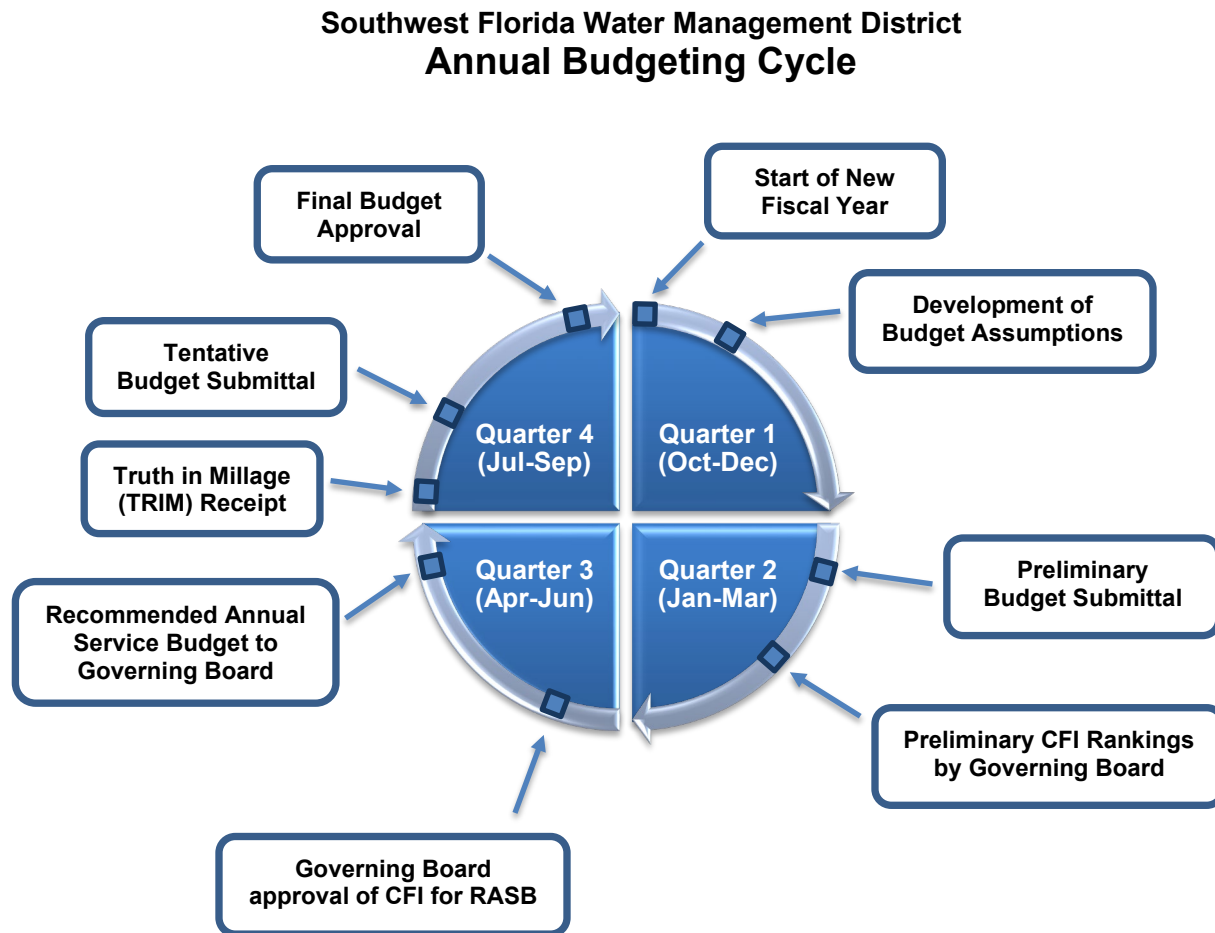
Management controls have been established within the District's financial system to control spending within each fund to be consistent with the organization of the budget. Encumbrance accounting is used which allows the District to reserve or encumber a portion of the budgeted appropriations for purchase orders, contracts, and other commitments for goods and services that have not yet been received. The Governing Board is provided with monthly financial reports, and the District undergoes an annual financial audit by independent auditors at the end of each fiscal year. The District also maintains a legislatively-mandated Inspector General reporting functionally to the Governing Board to conduct ongoing performance and compliance audits.

Appropriations that are properly encumbered at year-end are carried forward into the following fiscal year's budget. Appropriations that are not expended or encumbered lapse at year-end and return to fund balance. These balances (identified to the Governing Board as "Balance from Prior Years") are used as a resource in the subsequent fiscal year's budget to fund the District's programs, activities, and priorities.

I. Introduction

G. Development of the District Budget

The 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 its subcommittees are advertised to provide the public with an opportunity to discuss issues and concerns prior to the adoption of the budget. Additionally, meeting schedules and budget information are available on the District's website at www.WaterMatters.org. The figure below shows the cyclical nature of this process.



On October 18, 2022, the Governing Board approved budget preparation assumptions to be used for development of the District's fiscal year (FY) 2024 Preliminary Budget. The Preliminary Budget was then finalized, and the draft report was prepared.

On December 13, 2022, the Governing Board approved the draft FY2024 Preliminary Budget for submission to the Legislature. The District then submitted the FY2024 Preliminary Budget to the Florida Legislature on January 15, 2023.

On February 28, 2023, the Governing Board reviewed and ranked the FY2024 Cooperative Funding Initiative (CFI) requests submitted by cooperators. The purpose of this meeting is to allow the public an opportunity to provide input and for Board members to ask questions of the applicants and staff.

On April 25, 2023, final project rankings and their funding recommendations were compiled and approved by the Governing Board for inclusion in the FY2024 Recommended Annual Service Budget (RASB).

I. Introduction

On June 27, 2023, the FY2024 RASB was presented to the Governing Board with an overview of the recommended budget including a review of proposed revenues and expenditures in comparison to the FY2023 adopted budget. Revenues were reviewed by source and expenditures were reviewed by category, program, and area of responsibility.

On July 1, 2023, the Certifications of Taxable Value for the District's 16 counties will be received by the District.

On July 25, 2023, a budget update will be provided to the Governing Board, including information regarding the results of the county Certifications of Taxable Value received in July. Following the update, the Governing Board will adopt a proposed FY2024 millage rate and approve a draft Tentative Budget for submission.

The Tentative Budget Submission reflecting the District's recommended budget for FY2024 will be submitted on August 1, 2023 to the Executive Office of the Governor (EOG), the President of the Senate, the Speaker of the House, the chairs of all legislative committees and subcommittees having substantive or fiscal jurisdiction over the water management districts, the Secretary of the Department of Environmental Protection, and each county commission within the District's boundaries for review and comment. The Tentative Budget Submission will address any thresholds established by subsection 373.536(5)(c), Florida Statutes (F.S.), or requested by the EOG or Legislative Budget Commission (LBC) pursuant to subsection 373.536(5)(b), F.S., that have been exceeded since the submittal of the Preliminary Budget on January 15, 2023.

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 rate for FY2024, as well as the rolled-back rate and the date, time, and location of the public hearings on the matter.

The District will hold two TRIM public hearings in September. The first public hearing will take place on Tuesday, September 12, 2023, at 5:01 p.m. at the Tampa Office located at 7601 Highway 301 North, Tampa, Florida. The second and final public hearing will take place on Tuesday, September 26, 2023, at 5:01 p.m. also at the Tampa Office. Written disapproval of any provision in the Tentative Budget by the EOG or LBC must be received by September 19, 2023 (at least five business days prior to the final budget adoption hearing).

I. Introduction

H. Budget Guidelines

The District developed its budget under guidelines previously established which include:

- Reviewing, on an ongoing basis, personnel, programs, and activities to ensure that the District is meeting its core mission areas without increasing costs for the taxpayers it serves;
- 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;
- Avoiding new debt; and
- Furthering the Governor's priorities and the Legislature's support of those priorities.

The specific guidelines established by the District's Governing Board and management staff include the following budget assumptions used to develop the fiscal year (FY) 2024 recommended budget.

Revenues

- Ad Valorem Revenues – based on the 16 county property appraisers' June 1 estimates of taxable property value with a projected rolled-back millage rate accounting for growth in new construction.
- Permit and License Fees – based on recent permit fees collected and permitting estimates for FY2024.
- Interest Earnings on Investments – based on an estimated 2.27 percent yield on investments and projected cash balances.
- Balance from Prior Years – based on the utilization of fund balances available per the District's Annual Comprehensive Financial Report for fiscal year ended September 30, 2022, and funds available for the acquisition of conservation lands from the sale of land no longer required for conservation purposes.
- Use of Reserves – only utilized to fund projects.
- Local Revenues – based on cooperators' share for projects, primarily funded through the District's Cooperative Funding Initiative, where the District is serving as the lead party.
- State Revenues – based on agreements with state agencies for ongoing initiatives, prior state appropriations which are available to be included in the budget, and estimated 2023 appropriations from recurring state programs in support of initiatives such as alternative water supplies, springs protection, and land management.
- Federal Revenues – based on agreements with state agencies for ongoing initiatives utilizing federal pass-through funds.

Expenditures

- Workforce, Salaries, and Benefits:
 - Workforce – based on no proposed increases in Full-Time Equivalents (FTEs).
 - Salaries – based on a proposed 5 percent increase for performance-based pay increases.
 - Retirement – based on rates approved by the 2023 Florida Legislature.
 - Self-Funded Medical Insurance – based on recent claims experience, a 9 percent inflation factor, and projected premiums for administrative services and stop-loss insurance.
 - Non-Medical Insurance – based on calendar year 2023 premiums and projected rate changes.
- Remaining Operating Budget (including operating expenses, contracted services for operations, and operating capital outlay) – continue to look for savings and efficiencies.

I. Introduction

- Contracted Services for District Projects – based on priority project requests, separately justified for funding.
- Cooperative Funding Initiative – based on FY2024 funding requests from cooperators after projects are evaluated by staff, subsequently reviewed and ranked by the Governing Board based upon priorities outlined in the November 2023 Board workshop.
- District Grants – based on priority project requests, separately justified for funding.
- Fixed Capital Outlay – based on priority project requests, separately justified for funding.

Budget Targets

- Salaries and Benefits funded with ad valorem not to exceed 50 percent of ad valorem revenue;
- Operating budget (including salaries and benefits) not to exceed 80 percent of ad valorem revenue; and
- Project budget is equal to or exceeds 50 percent of total budget.

Pursuant to section 373.536(5)(c), Florida Statutes (F.S.), the Legislative Budget Commission (LBC) may reject Tentative Budget proposals based on the statutory thresholds described below. The thresholds in this recommended budget are presented below for informational purposes.

1. A single purchase of land in excess of \$10 million, except for land exchanges.
 - The District **does not** have any single purchase of land in excess of \$10 million specifically planned for acquisition in the FY2024 recommended budget. While none of the properties in the Florida Forever Work Plan currently exceed this threshold, acquisition of each property is subject to the market conditions, timing, and negotiations.
2. 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 FY2024 recommended budget.
3. Any issuance of debt on or after July 1, 2012.
 - The District **does not** have any issuance of debt in the FY2024 recommended budget.
4. Any program expenditures as described in section 373.536(5)(e)4.e. (Outreach) and f. (Management and Administration) in excess of 15 percent of a district's total annual budget.
 - The District's FY2024 recommended budget for the Outreach and Management and Administration programs **does not** exceed 15 percent of the total budget as illustrated below.
5. Any individual variances in a district's Tentative Budget in excess of 25 percent from a district's Preliminary Budget.
 - The District **does not** have any individual variances in excess of 25 percent from the Preliminary Budget.

Program	FY2024 Proposed Budget	Percent of Total Budget
5.0 Outreach	\$2,790,711	1.3%
6.0 Management & Administration	\$13,760,394	6.2%
Total Budget (Programs 1.0 through 6.0)	\$220,800,464	100.0%
Programs 5.0 & 6.0 Combined Total	\$16,551,105	7.5%

I. Introduction

I. Budget Development Calendar and Milestones

October 1	District fiscal year (FY) begins
October	Preliminary Budget development begins
October 14	Applications for Cooperative Funding Initiative requests due
October 18	Governing Board approval of Preliminary Budget development process and assumptions
December 12	Draft Preliminary Budget provided to Department of Environmental Protection (DEP) for review
December 13	Governing Board approval of Preliminary Budget for submission to the Florida Legislature by January 15
January 1	Truth in Millage (TRIM) Certification of Compliance or Noncompliance with section 200.065, Florida Statutes (F.S.), due to the Department of Financial Services (373.503(6), F.S.)
January 15	Preliminary Budget due to the Florida Legislature (373.535(1)(a), F.S.)
February	Distribution of Budget Preparation Guidelines and staff training conducted
February 28	Preliminary review and rankings of Cooperative Funding requests by Governing Board
March 1	Legislative Preliminary Budget comments due to the District (373.535(2)(b), F.S.)
March 15	District must provide written response to any legislative comments (373.535(2)(b), F.S.)
April 25	Governing Board approval of final ranking and funding of cooperative funding requests for inclusion in the Recommended Annual Service Budget
March – May	District continues evaluation and refinement of the budget
June 1	Property Appraisers provide estimates of taxable values to the District
June 27	Recommended Annual Service Budget delivered to the Governing Board (373.536(2), F.S.)
July 1	If no action taken by the Florida Legislature, development of the Tentative Budget proceeds (373.535(2)(c), F.S.)
July 1	Property Appraisers provide certificates of taxable values to the District – TRIM (193.023(1) & 200.065(1), F.S.)
July 17	Draft Tentative Budget due to DEP for review
July 25	Governing Board adopts the proposed millage rate and approves the August 1 submittal of the Tentative Budget
August 1	Tentative Budget due to the Florida Legislature (373.536(5)(d), F.S.)

I. Introduction

August 4	TRIM - DR420 forms submitted to 16 county property appraisers (200.065(2)(b), F.S.)
September 5	Comments on Tentative Budget due from legislative committees and subcommittees (373.536(5)(f), F.S.)
September 10	Tentative Budget is posted on District's official website (373.536(5)(d), F.S.)
September 12	Public Hearing to adopt the tentative millage rate and budget (Tampa Office) (373.536(3), F.S.)
September 19	Written disapproval of any provision in Tentative Budget due from Executive Office of the Governor and Legislative Budget Commission (373.536(5)(c), F.S.)
September 26	Public hearing to adopt the final millage rate and budget (Tampa Office) (373.536(3), F.S.)
September 29	District sends copies of resolutions adopting final millage rate and budget to counties served by the District (200.065(4), F.S.)
September 30	District fiscal year ends
October 6	District submits Adopted Budget for current fiscal year to the Florida Legislature (373.536(6)(a)1., F.S.)
October 26	District submits TRIM certification package to Department of Revenue (200.068, F.S.)

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II. Budget Highlights

A. Budget Overview

The fiscal year (FY) 2024 recommended budget demonstrates the District's commitment to protecting and restoring Florida's water resources while meeting Governing Board priorities, complying with legislative directives, implementing the District's Five-Year Strategic Plan; and achieving our core mission. The budget furthers the Governor's priorities for Florida's environment and the Legislature's support of those priorities, which includes projects to restore springs, reduce pollution, and develop alternative water supplies (AWS). The budget for FY2024 is \$220,800,464 compared to \$211,683,181 for FY2023. This is an increase of \$9,117,283 or 4.3 percent.

The FY2024 recommended budget meets the following goals established by the Governing Board:

- Project expenditures equal to or exceed 50 percent of budget – 58 percent achieved.
- Operating expenditures do not exceed 80 percent of ad valorem revenue – 74 percent achieved.
- Ad valorem salaries and benefits do not exceed 50 percent of ad valorem revenue – 48 percent achieved.

The operating portion of the FY2024 budget is \$93,686,065, compared to \$88,889,636 for FY2023. This is an increase of \$4,796,429 or 5.4 percent. In the recommended budget is a five percent increase for performance-based pay increases, contingent upon the Governor's approval of a five percent across-the-board pay increase proposed at the state level; however, the 583 Full-Time Equivalent (FTE) positions in the recommended budget is the same as FY2023. Holding the operating expenditures at 74 percent of ad valorem revenue provides the District with the funding capacity to sustain a significant investment in Cooperative Funding Initiative (CFI) and other cooperative programs where the dollars are leveraged to maximize environmental benefits.

The projects portion of the FY2024 budget is \$127,114,399, compared to \$122,793,545 for FY2023. This is an increase of \$4,320,854 or 3.5 percent. CFI projects and District grants account for \$88,374,651 of the total project budget. This includes \$18,650,000 in state appropriations anticipated to be awarded by the Department of Environmental Protection for Water Supply & Water Resource Development (\$16,000,000) and Springs Initiative (\$2,650,000) projects, as well as \$3,438,625 in local revenue for CFI projects where the District is serving as the lead party. The District's funds leveraged with its partners will result in a total regional investment of more than \$167 million in FY2024 for sustainable AWS development, water quality improvements, and other water resource management projects.

The FY2024 budget includes ad valorem revenue of \$126,037,971, an increase of \$3,488,211 from \$122,549,760 in FY2023 based on the 16 county property appraisers' June 1 estimates indicating an increase in taxable property values and the District levying at the rolled-back millage rate. Of the overall 13.16 percent increase in taxable property values, 3.16 percent is new construction and 10 percent is an increase in existing property values. Before adoption of the FY2024 proposed millage rate in July, ad valorem revenue will be adjusted based on the July 1 certifications of taxable property values by the property appraisers, and the millage rate will be adjusted accordingly.

II. Budget Highlights

B. Adequacy of Fiscal Resources

The District is committed to solving the region's water resource issues through cooperative programs, primarily its Cooperative Funding Initiative (CFI) which has been in place since 1988. These efforts have resulted in a combined investment (District, the State, and its cooperators) of more than \$3.9 billion for the region's water resources. Projects are based on regional water supply plans and established funding thresholds for vital water quality, flood protection, and natural systems projects.

The evaluation of fiscal resources over a five-year span is required to ensure sustainable funding for CFI and other critical 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 areas of responsibility.

The District's financial modeling tool is used to assess the adequacy of its financial resources under various economic conditions and resource demands. The financial model considers all available resources and reserves, and future revenues and resource demands for projects. This includes major water supply and resource development projects consistent with the 2020 Regional Water Supply Plan, and for smaller local projects, typically conservation and reuse. The District believes these efforts provide a strong basis for the long-term funding plan.

Beginning with FY2025, the primary assumptions which drive the long-term funding plan are consistent with the guidelines established to develop the FY2024 recommended budget, including:

Revenues:

- **Millage Rate** – based on a rolled-back millage rate.
- **Ad Valorem** – based on the most recent results of the District's new construction and property value ad valorem models.
- **Local** – based on cooperators' share for ongoing projects, primarily funded through the District's CFI, where the District serves as the lead party.
- **State** – based on agreements with state agencies for ongoing initiatives and estimated appropriations from recurring state programs.
- **Federal** – based on known federal revenue sources for recurring programs.
- **Fund Balance** (Balance from Prior Years/Use of Reserves) – based on historical trends and only utilized to fund projects.

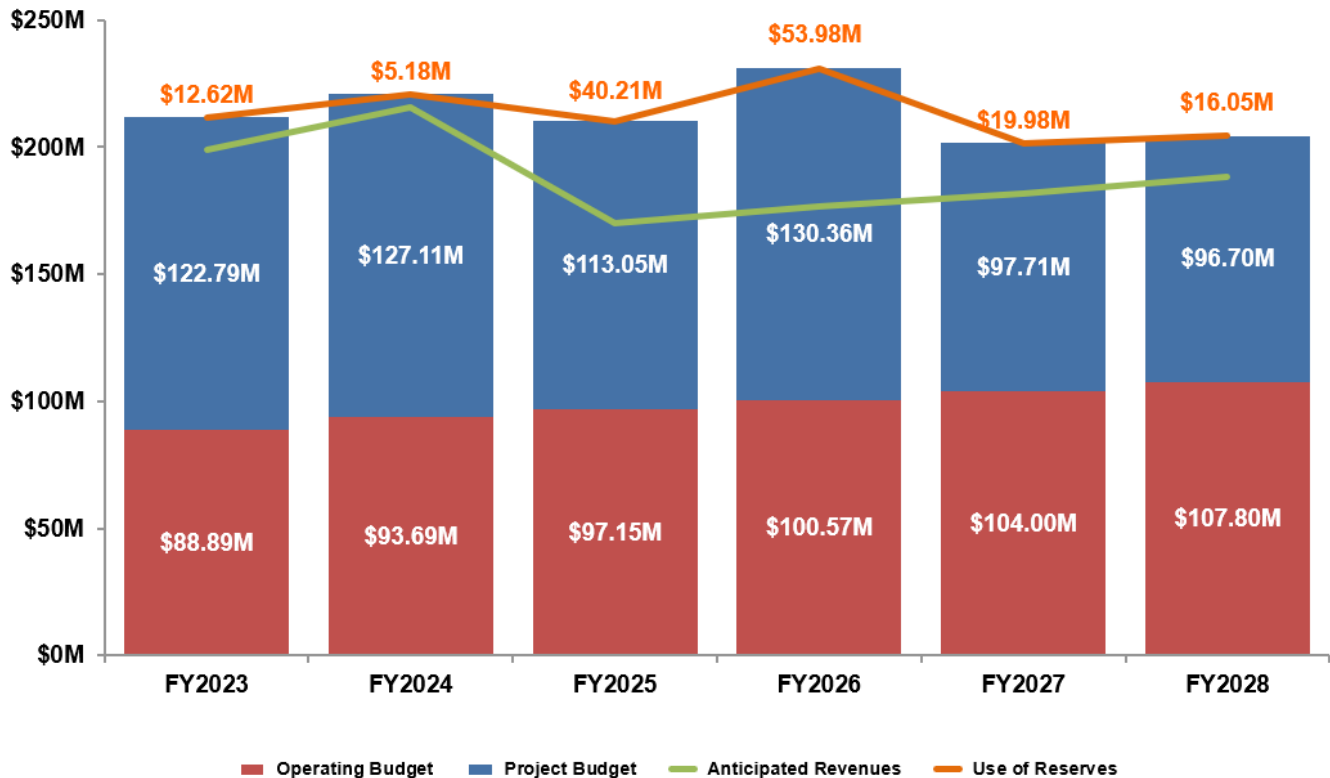
Expenditures:

- **Operating Budget** – includes salaries and benefits, operating expenses, contracted services for operations, and operating capital outlay.
 - Increase in operating budget not to exceed additional ad valorem revenue from projected new construction within a fiscal year.
- **Project Budget** – includes CFI projects; District grants and initiatives; and fixed capital outlay for land acquisition, capital improvements to District facilities and structures, and well construction.
 - Future requirements for current board-approved projects,
 - Projected requirements for anticipated large-scale projects, and
 - Estimated baseline funding for other future projects.

II. Budget Highlights

The District's long term funding plan demonstrates that the District's fiscal resources, supplemented by prudently managed project reserves, can support a healthy investment in water management and the economy. The graph below displays the FY2023 Adopted Budget, FY2024 recommended budget, and projected expenditures and revenues for FY2025 through FY2028. The red bar represents operating expenditures, and the blue bar represents project expenditures. The green line signifies anticipated revenues and balance from prior years, with the orange line displaying the use of project reserves. The associated dollar amount above the orange line represents the shortfall (use of reserves) required to balance the budget.

**Southwest Florida Water Management District
Long-Term Funding Plan**



Conclusion:

The District has developed the FY2024 recommended budget to ensure the long-term sustainability of the region's water resources. Maintaining operational costs in-line with current ad valorem revenue levels (approximately 74 percent of ad valorem) has allowed the Governing Board the flexibility to continue the necessary annual investment in critical water resource management projects for the west-central Florida region. Even with the significant investment of \$127,114,399 for projects in the FY2024 recommended budget, the District believes its resources, supplemented with project reserves, will maintain a healthy investment in water resources over the next five years.

II. Budget Highlights

C. Budget by Fund

General Fund

The **General Fund** is the primary operating fund of the District. The General Fund budget is \$199,368,098, a decrease of \$696,184 compared to \$200,064,282 in fiscal year (FY) 2023. The decrease is primarily due to a reduction in state appropriations anticipated to be awarded by the Department of Environmental Protection (DEP) along with the District's share, for Springs Initiative (\$10,500,000) and Water Supply and Water Resource Development Grant Program (\$4,000,000) projects, and a reduction in funding for the Polk Partnership (\$5,000,000). This is offset by an increase in funding for Cooperative Funding Initiative projects (\$19,255,587).

Special Revenue Funds

The **Florida Department of Transportation (FDOT) Mitigation Fund** accounts for the revenue received from the FDOT for the state-mandated FDOT Mitigation Program. This program requires mitigation to offset adverse impacts of transportation projects to be funded by the FDOT and carried out by the Department of Environmental Protection and the water management districts. The FDOT Mitigation Fund budget is \$856,866, an increase of \$71,967 compared to \$784,899 in FY2023. The increase is due to an increase in planned maintenance for the mitigated sites.

Capital Projects Funds

The **Facilities Fund** includes capital renovations, enhancements, or expansions of existing facilities and the purchase or construction of new facilities. The District continues its historical practice of completing capital improvement projects on a pay-as-you-go basis. Repair and maintenance activities are funded through the District's General Fund. The Facilities Fund budget is \$752,500, a decrease of \$281,500 compared to \$1,034,000 in FY2023. The budget includes funding for Districtwide scheduled heating, ventilation and air conditioning replacements, as well as the construction of oil change evacuation systems at the Brooksville and Tampa offices.

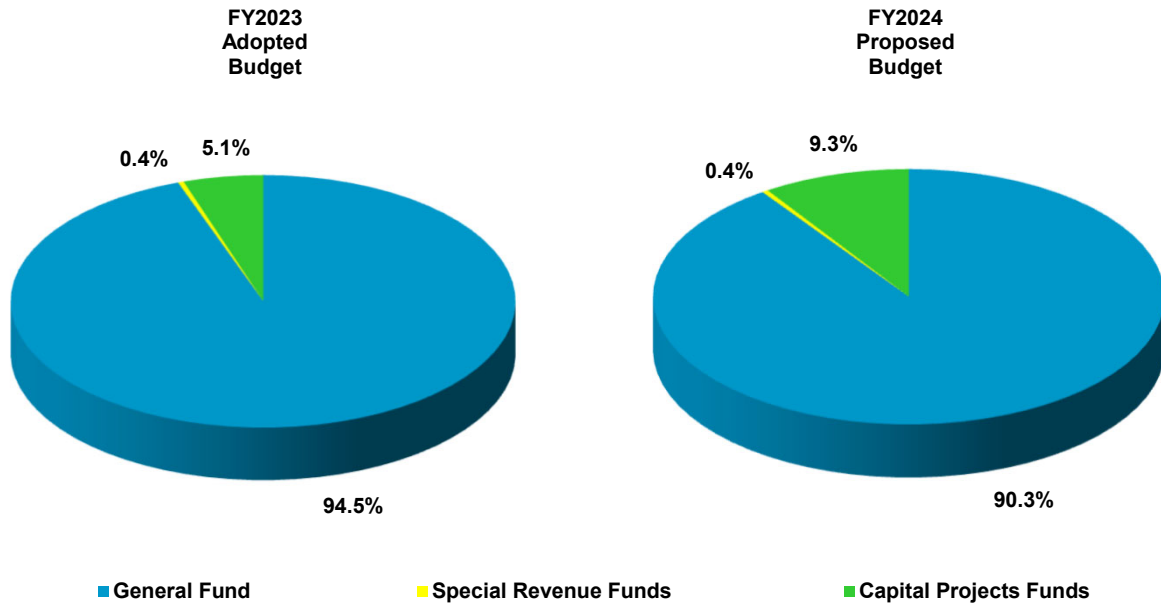
The **Structures Fund** includes large-scale structure construction projects including replacements or refurbishments of existing structures. The District continues its historical practice of completing capital improvement projects on a pay-as-you-go basis. Repair and maintenance are funded through the District's General Fund. The Structures Fund budget is \$10,948,000 compared to \$0 in FY2023. The budget includes funding for the replacement of flood gates and lift system conversions, as well as the installation of cathodic protection systems on structures S-160 and S-551.

The **Florida Forever Fund** includes the acquisition of land through the Florida Forever program for conservation and restoration purposes utilizing state appropriations from various trust funds for the program. While all prior state appropriations have been exhausted, the Florida Forever Fund's resources come from dollars within the District's investment accounts that were generated from the sale of land or real estate interests originally acquired with funds appropriated by the state. Per Florida Statutes, these dollars are restricted and must be reinvested in future land acquisition through the Florida Forever program. The Florida Forever Fund budget is \$8,875,000, a decrease of \$925,000 compared to \$9,800,000 in FY2023.

II. Budget Highlights

BUDGET SUMMARY COMPARISON BY FUND

FUND	FY2023		FY2024		DIFFERENCE	
	ADOPTED BUDGET	% OF TOTAL	PROPOSED BUDGET	% OF TOTAL	INCREASE / (DECREASE)	% OF CHANGE
General Fund						
General Fund	\$200,064,282		\$199,368,098		(\$696,184)	(0.3%)
Total General Fund	\$200,064,282	94.5%	\$199,368,098	90.3%	(\$696,184)	(0.3%)
Special Revenue Funds						
FDOT Mitigation Fund	\$784,899		\$856,866		\$71,967	9.2%
Total Special Revenue Funds	\$784,899	0.4%	\$856,866	0.4%	\$71,967	9.2%
Capital Projects Funds						
Facilities Fund	\$1,034,000	0.5%	\$752,500	0.3%	(\$281,500)	(27.2%)
Structures Fund	-	0.0%	10,948,000	5.0%	10,948,000	N/A
Florida Forever Fund	9,800,000	4.6%	8,875,000	4.0%	(925,000)	(9.4%)
Total Capital Projects Funds	\$10,834,000	5.1%	\$20,575,500	9.3%	\$9,741,500	89.9%
Total Appropriation	\$211,683,181	100.0%	\$220,800,464	100.0%	\$9,117,283	4.3%



II. Budget Highlights

D. Budget by Revenue Source

Ad Valorem Taxes: Represents property taxes levied on the taxable value of real and personal property as certified by the property appraiser in each of the 16 counties within the District's region and is the District's primary funding source. The budget is \$126,037,971, an increase of \$3,488,211 compared to \$122,549,760 in fiscal year (FY) 2023, based on the 16 county property appraisers' June 1 estimates indicating an increase in taxable property values and the District levying at a rolled-back millage rate. Of the overall 13.16 percent increase in taxable property values, 3.16 percent is new construction and 10 percent is an increase in existing property values.

State/Federal/Local Funding: Represents funds received from the State of Florida, federal government, and local governments. The budget is \$25,601,317, a decrease of \$12,024,042 compared to \$37,625,359 in FY2023.

- State funding includes:
 - \$16,000,000 in new appropriations anticipated to be awarded by the Department of Environmental Protection (DEP) for Water Supply and Water Resource Development projects.
 - \$2,650,000 in new appropriations anticipated to be awarded by the DEP for Springs Initiative projects.
 - \$2,294,100 in new (\$2,250,000) and prior year (\$44,100) appropriations from the Land Acquisition Trust Fund for land management activities.
 - \$796,781 from the Florida Department of Transportation (FDOT) for the FDOT Mitigation program.
 - \$338,000 from other recurring state programs.
- Federal funding includes:
 - \$65,859 from the U.S. Department of Transportation (USDOT) for the FDOT Mitigation program.
 - \$17,952 from the USDOT for FDOT Efficient Transportation Decision Making program.
- Local funding includes \$3,438,625 for cooperatively funded projects where the District serves as the lead party.

Permit and License Fees: Represents revenue generated from consumptive use permits, environmental resource permits, water well construction permits, and water well contractor licenses. The budget is \$2,274,617, an increase of \$17,760 compared to \$2,256,857 in FY2023 based on anticipated increases in relation to environmental resource and well construction permit applications.

Interest Earnings on Investments: The budget is \$12,400,000, an increase of \$6,600,000 compared to \$5,800,000 in FY2023 based on a 2.27 percent estimated yield on investments and projected cash balances.

Miscellaneous Revenue: Represents items that fall outside of the categories described above, including revenue generated from District-owned conservation lands such as timber sales. The budget is \$600,300, a decrease of \$45,000 compared to \$645,300 in FY2023 primarily due to projected reductions in revenue from anticipated wellness program activities reimbursed by the District's health insurance provider (\$30,000) and timber sales (\$15,000).

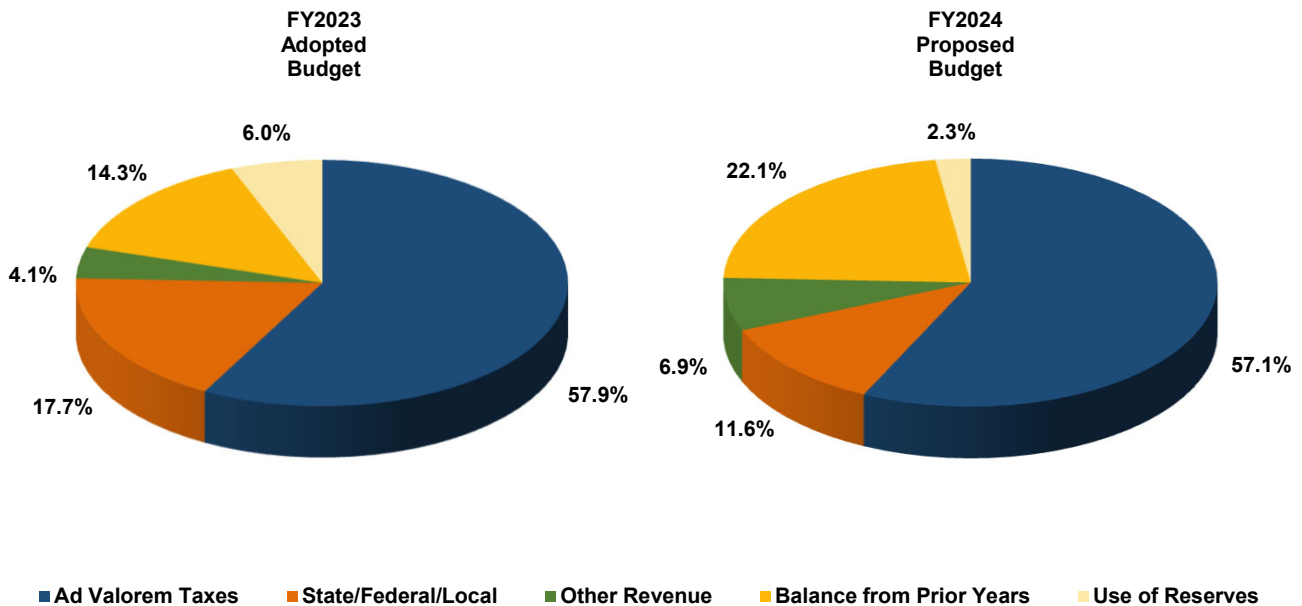
Balance from Prior Years: Represents fund balances available from prior years to be utilized as a resource to fund the upcoming budget. These funds result from revenues received greater than budgeted including the sale of District assets or unexpended funds primarily due to projects completed under budget or cancelled. The budget is \$48,703,099, an increase of \$18,517,716 compared to \$30,185,383 in FY2023 primarily due to more unexpended funds from projects completed under budget or cancelled than the previous year.

Use of Reserves: Represents project reserves to fund vital water resource management projects. The budget is \$5,183,160, a decrease of \$7,437,362 compared to \$12,620,522 in FY2023.

II. Budget Highlights

BUDGET SUMMARY COMPARISON BY REVENUE SOURCE

REVENUE SOURCE	FY2023		FY2024		DIFFERENCE	
	ADOPTED BUDGET	% OF TOTAL	PROPOSED BUDGET	% OF TOTAL	INCREASE / (DECREASE)	% OF CHANGE
Ad Valorem Taxes	\$122,549,760	57.9%	\$126,037,971	57.1%	\$3,488,211	2.8%
State/Federal/Local						
DEP - Inglis Dam & Spillway	\$150,000		\$170,000		\$20,000	
DEP - Highlands Hammock St Prk/Little Charlie Bowlegs WMP	97,500		0		(97,500)	
DEP - Springs Initiative	11,500,000		2,650,000		(8,850,000)	
DEP - Water Supply & Water Res. Development - AWS	20,000,000		16,000,000		(4,000,000)	
FDOT - Mitigation Program	692,561		796,781		104,220	
FWC - Aquatic Plant Management	168,000		168,000		0	
State Appr - Land Acquisition TF (LATF) - Land Mgmt.	2,250,000		2,250,000		0	
State Appr - LATF - Land Mgmt. - prior year funds	530,000		44,100		(485,900)	
<i>State Funding:</i>	<i>\$35,388,061</i>	<i>16.6%</i>	<i>\$22,078,881</i>	<i>10.0%</i>	<i>(\$13,309,180)</i>	<i>(37.6%)</i>
FDOT - Efficient Transportation Decision Making	\$24,824		\$17,952		(\$6,872)	
FDOT - Mitigation Program	97,849		65,859		(31,990)	
<i>Federal Funding:</i>	<i>\$122,673</i>	<i>0.1%</i>	<i>\$83,811</i>	<i>0.0%</i>	<i>(\$38,862)</i>	<i>(31.7%)</i>
<i>Local Funding:</i>	<i>\$2,114,625</i>	<i>1.0%</i>	<i>\$3,438,625</i>	<i>1.6%</i>	<i>\$1,324,000</i>	<i>62.6%</i>
Total State/Federal/Local	\$37,625,359	17.7%	\$25,601,317	11.6%	(\$12,024,042)	(32.0%)
Other Revenue						
Permit and License Fees	\$2,256,857		\$2,274,617		\$17,760	
Interest Earnings on Investments	5,800,000		12,400,000		6,600,000	
Miscellaneous	645,300		600,300		(45,000)	
Total Other Revenue	\$8,702,157	4.1%	\$15,274,917	6.9%	\$6,572,760	75.5%
Balance from Prior Years	\$30,185,383	14.3%	\$48,703,099	22.1%	\$18,517,716	61.3%
Use of Reserves	\$12,620,522	6.0%	\$5,183,160	2.3%	(\$7,437,362)	(58.9%)
Total Revenues and Balances	\$211,683,181	100.0%	\$220,800,464	100.0%	\$9,117,283	4.3%



II. Budget Highlights

E. Budget by Expenditure Category

OPERATING BUDGET

Salaries and Benefits: Includes funding for District regular full-time equivalent (FTE) positions. The budget includes 583 FTE positions, which is the same as fiscal year (FY) 2023, and a five percent increase for performance-based pay adjustments. The budget is \$62,451,806, an increase of \$2,769,565 compared to \$59,682,241 in FY2023.

The increase is primarily due to increases in:

- Regular Salaries and Wages (\$1,362,897)
- Retirement (\$930,307)
- Self-Funded Medical (\$334,718)
- Employer Paid FICA Taxes (\$104,935)

For a detailed list of Salaries and Benefits, refer to page 36.

Operating Expenses: Includes items such as Software Licensing and Maintenance, Property Tax Commissions, Maintenance and Repair of Buildings and Structures, Parts and Supplies, Insurance and Bonds, Fuels and Lubricants, Utilities, Maintenance and Repair of Equipment, Non-Capital Equipment, Travel – Staff Duties and Training, and Telephone and Communications. The budget is \$17,203,674, an increase of \$575,147 compared to \$16,628,527 in FY2023.

The increase is primarily due to increases in:

- Maintenance and Repair of Buildings and Structures (\$172,600)
- Insurance and Bonds (\$158,135)
- Non-Capital Equipment (\$98,780)
- Utilities (\$62,000)
- District Land Maintenance Materials (\$55,000)
- Travel – Staff Duties and Training (\$51,585)
- Telephone and Communications (\$42,855)

The increases are primarily offset by reductions in:

- Rental of Other Equipment (\$60,841)
- Payments in Lieu of Taxes (\$54,000)

For a detailed listing of Operating Expenses, refer to page 39.

II. Budget Highlights

Contracted Services for Operations: Includes outsourced services in support of District operations such as Research, Data Collection, Analysis & Monitoring; Technology and Information Services; Land Management and Use; Works of the District; Minimum Flows and Minimum Water Levels (MFLs); Regulation Permitting; and Facility Operations and Maintenance. These services are vital to protecting Florida's water resources and are primarily performed by the private sector, representing a direct investment into the economy. The budget is \$11,239,286, an increase of \$931,655 compared to \$10,307,631 in FY2023.

The increase is primarily due to increases in:

- Technology and Information Services (\$485,175)
- MFLs (\$386,000)
- Research, Data Collection, Analysis & Monitoring (\$226,865)
- Facility Operations and Maintenance (\$200,000)
- Regulation Permitting (\$120,114)
- Land Management and Use (\$98,701)

The increases are primarily offset by reductions in:

- Watershed Management Planning (\$400,000)
- Works of the District (\$170,700)

For a detailed listing of Contracted Services for Operations, refer to page 43.

Operating Capital Outlay: Represents purchases and leases of heavy equipment, vehicles, watercraft, computer hardware, and other equipment with a value per item of at least \$5,000 and an estimated useful life of one or more years. The budget is \$2,791,299, an increase of \$520,062 compared to \$2,271,237 in FY2023.

The increase is primarily due to increases in:

- Information Technology Equipment (\$406,150)
- Vehicles (\$208,900)
- Capital Field Equipment Fund (\$200,000)

The increases are primarily offset by a reduction in:

- Inside Equipment excluding Information Technology (\$264,000)

For a detailed listing of Operating Capital Outlay, refer to pages 46 through 47.

II. Budget Highlights

PROJECT BUDGET

Contracted Services for District Projects: Represents projects such as Surface Water Improvement and Management (SWIM), conservation lands restoration, watershed management planning, Institute of Food and Agricultural Sciences (IFAS) research, and Florida Department of Transportation (FDOT) Mitigation. These projects are vital to protecting Florida's water resources and are primarily performed by the private sector, representing a direct investment into the economy. The budget is \$7,470,748, a decrease of \$6,041,483 compared to \$13,512,231 in FY2023.

The decrease is primarily due to reductions in:

- Restoration Initiatives (\$5,584,000)
- Mapping & Survey Control (\$948,725)
- Structure Operations and Maintenance (\$725,000)

The decreases are primarily offset by increases in:

- Surface Water Flows & Levels Data (\$890,000)
- Watershed Management Planning (\$300,000)

For a detailed listing of Contracted Services for District Projects, refer to pages 48 through 51.

Cooperative Funding/District Grants: Represents matching funds provided through the District's Cooperative Funding Initiative (CFI) and District grants such as the Facilitating Agricultural Resource Management Systems (FARMS) program. The CFI generally provides 50 percent matching funds toward the cost of projects that help create sustainable water resources, enhance conservation efforts, improve water quality, provide flood protection, and restore natural ecosystems. The budget is \$88,374,651, a decrease of \$2,194,413 compared to \$90,569,064 in FY2023.

The decrease is primarily due to reductions in:

- Springs Initiatives (\$10,500,000)
- Stormwater Improvements – Water Quality (\$7,651,941)
- Reclaimed Water (\$5,174,000)
- Polk Partnership (\$5,000,000)
- Water Supply and Water Resource Development Grant Program (\$4,000,000)
- FARMS Program (\$2,000,000)
- Stormwater Improvements – Implementation of Storage & Conveyance BMPs (\$1,623,319)
- Aquifer Storage & Recovery Feasibility and Pilot Testing (\$987,624)
- Restoration Initiatives (\$767,059)

The reductions are primarily offset by increases in:

- Regional Potable Water Interconnects (\$20,190,413)
- Surface Water Reservoirs and Treatment Plants (\$15,057,867)
- Watershed Management Planning (\$1,062,000)

For a detailed listing of Cooperative Funding and District Grants, refer to pages 52 through 55.

Fixed Capital Outlay: Represents potential purchases of land and land easements, and the construction or improvements of water control structures, wells, buildings, bridges, and other capital structures. The budget is \$31,269,000, an increase of \$12,556,750 compared to \$18,712,250 in FY2023.

The increase is primarily due to increases in:

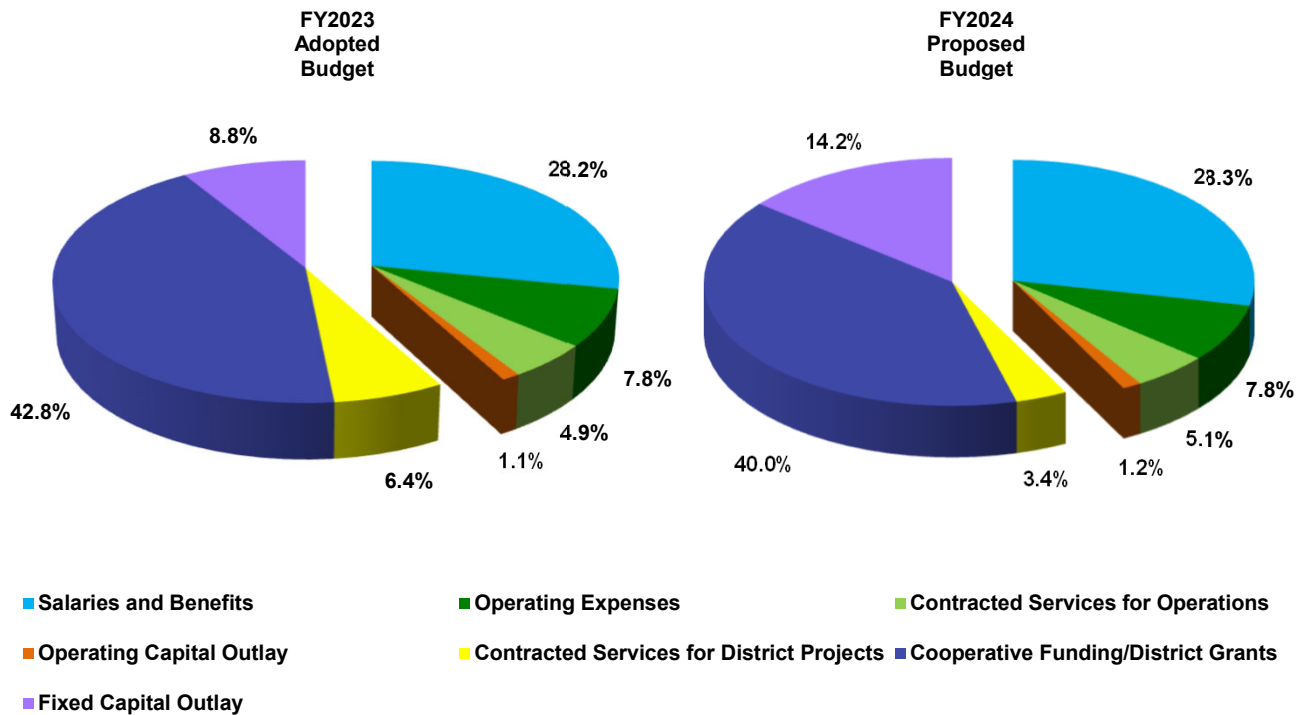
- District Water Control Structure Construction and Improvements (\$10,650,000)
- Aquifer Exploration and Monitor Well Drilling Program (\$2,088,750)

For a detailed listing of Fixed Capital Outlay, refer to page 56.

II. Budget Highlights

BUDGET SUMMARY COMPARISON BY EXPENDITURE CATEGORY

EXPENDITURE CATEGORY	FY2023		FY2024		DIFFERENCE	
	ADOPTED BUDGET	% OF TOTAL	PROPOSED BUDGET	% OF TOTAL	INCREASE / (DECREASE)	% OF CHANGE
Operating						
Salaries and Benefits	\$59,682,241	28.2%	\$62,451,806	28.3%	\$2,769,565	4.6%
Operating Expenses	16,628,527	7.8%	17,203,674	7.8%	575,147	3.5%
Contracted Services for Operations	10,307,631	4.9%	11,239,286	5.1%	931,655	9.0%
Operating Capital Outlay	2,271,237	1.1%	2,791,299	1.2%	520,062	22.9%
Total Operating	\$88,889,636	42.0%	\$93,686,065	42.4%	\$4,796,429	5.4%
Projects						
Contracted Services for District Projects	\$13,512,231	6.4%	\$7,470,748	3.4%	(\$6,041,483)	(44.7%)
Cooperative Funding/District Grants	90,569,064	42.8%	88,374,651	40.0%	(2,194,413)	(2.4%)
Fixed Capital Outlay	18,712,250	8.8%	31,269,000	14.2%	12,556,750	67.1%
Total Projects	\$122,793,545	58.0%	\$127,114,399	57.6%	\$4,320,854	3.5%
Total Expenditures	\$211,683,181	100.0%	\$220,800,464	100.0%	\$9,117,283	4.3%



II. Budget Highlights

F. Budget by Program

The water management districts are responsible for six program areas pursuant to subsection 373.536(5)(e)4, Florida Statutes: Water Resource Planning and Monitoring; Land Acquisition, Restoration and Public Works; Operation and Maintenance of Works and Lands; Regulation; Outreach; and Management and Administration.

Program 1.0 – Water Resource Planning and Monitoring: Encompasses a broad scope of programs critical to the core mission, including water supply planning; minimum flows and minimum water levels (MFLs); data collection, research and studies; watershed and water body planning; flood mapping; and technical assistance to local governments. The budget is \$38,379,208, an increase of \$4,668,175 compared to \$33,711,033 in fiscal year (FY) 2023.

The increase is primarily due to increases in:

- Fixed capital outlay for well construction associated with the Aquifer Exploration and Monitor Well Drilling program (\$2,088,750).
- Contracted services for Surface Water Flows & Levels Data (\$1,037,115), Ground Water Levels Data (\$357,260), and MFLs Technical Support (\$286,000).
- Cooperative funding/District grants for Watershed Management Planning cooperative funding projects (\$1,012,000).
- Salaries and benefits (\$617,198).

The increases are primarily offset by a reduction in:

- Contracted services for Mapping & Survey Control (\$948,725).

Program 2.0 – Land Acquisition, Restoration and Public Works: Includes development and construction of capital projects such as water supply development, water resource development, stormwater management, both the implementation of storage and conveyance Best Management Practices (BMPs) and water quality improvements, and natural system restoration. Also included is the acquisition of lands for flood protection, water storage, water management, conservation and protection of water resources, aquifer recharge, and preservation of wetlands, streams, lakes, and springs. The budget is \$107,243,463, a decrease of \$8,073,600 compared to \$115,317,063 in FY2023.

The decrease is primarily due to reductions in:

- Cooperative funding/District grants for Springs Initiatives (\$10,500,000), Polk Partnership (\$5,000,000), Water Supply and Water Resource Development (\$4,000,000), Facilitating Agricultural Resource Management Systems (FARMS) (\$2,000,000) grant programs; and Stormwater Improvement – Water Quality (\$7,651,941), Reclaimed Water (\$5,174,000), Stormwater Improvement – Implementation of Storage & Conveyance BMP (\$1,623,319), Aquifer Storage & Recovery Feasibility and Pilot Testing (\$987,624), and Restoration Initiative (\$767,059) cooperative funding projects.
- Contracted services for Restoration Initiatives (\$5,584,000).

The reductions are primarily offset by an increase in:

- Cooperative funding/District grants for Regional Potable Water Interconnect (\$20,190,413) and Surface Water Reservoir and Treatment Plant (\$15,057,867) cooperative funding projects.

II. Budget Highlights

Program 3.0 – Operation and Maintenance of Works and Lands: Includes management and maintenance of District lands; operation and maintenance of water control structures and related facilities; maintenance of District buildings, vehicles, and field equipment; aquatic plant control; and emergency operations. The budget is \$33,864,901, an increase of \$10,293,307 compared to \$23,571,594 in FY2023.

The increase is primarily due to increases in:

- Fixed capital outlay for District water control structure construction and improvements (\$10,650,000).

Program 4.0 – Regulation: Includes all permitting functions of the District, including consumptive use permitting, water well construction permitting and contractor licensing, environmental resource permitting, and permit compliance enforcement. The budget is \$24,761,787, an increase of \$1,173,407 compared to \$23,588,380 in FY2023.

The increase is primarily due to increases in:

- Salaries and benefits (\$715,151).
- Contracted services for financial systems upgrades (\$146,790), Dover/Plant City Automatic Meter Reading (AMR) program operation and maintenance (\$89,614), and a contracts and solicitation management system replacement (\$77,326).
- Operating capital outlay for vehicles (\$172,400) and the West Palm Beach unified computing system replacement (\$100,860).

The increases are primarily offset by reductions in:

- Contracted services for a water use permitting data collection system (\$100,000).
- Operating capital outlay for an audio/visual system upgrade in the Brooksville Office boardroom (\$90,531).

Program 5.0 – Outreach: Includes public and youth education, public information, and legislative liaison functions. The budget is \$2,790,711, an increase of \$255,565 compared to \$2,535,146 in FY2023.

The increase is primarily due to increases in:

- Salaries and benefits (\$141,469).
- Operating capital outlay for rainfall signage (\$45,340).
- Contracted services for legislative services (\$40,000).

II. Budget Highlights

Program 6.0 – Management and Administration: Encompasses the business functions necessary to operate the District, including executive direction, legal services, internal audit services, finance, procurement, human resources, risk management, property appraiser and tax collector commissions, and other administrative support. The budget is \$13,760,394, an increase of \$800,429 compared to \$12,959,965 in FY2023.

The increase is primarily due to increases in:

- Salaries and benefits (\$632,792).
- Operating expenses for software licensing and maintenance (\$46,325) and liability insurance (\$37,410).
- Contracted services for financial systems upgrades (\$49,761) and a contracts and solicitation management system replacement (\$25,898).
- Operating capital outlay for information technology equipment (\$36,850) and the West Palm Beach unified computing system replacement (\$33,780).

The increases are primarily offset by a reduction in:

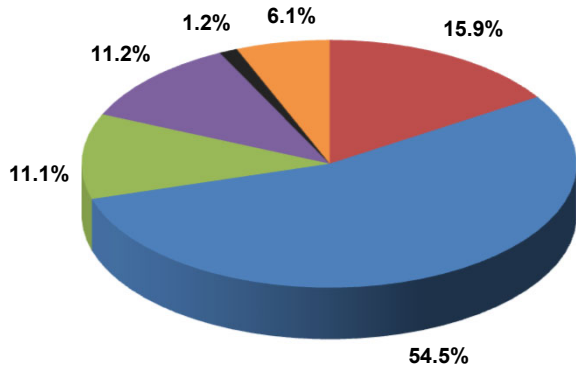
- Contracted services for the development of standard technical specifications for bids and contracts (\$40,000) and human resources advisory services (\$40,000).

II. Budget Highlights

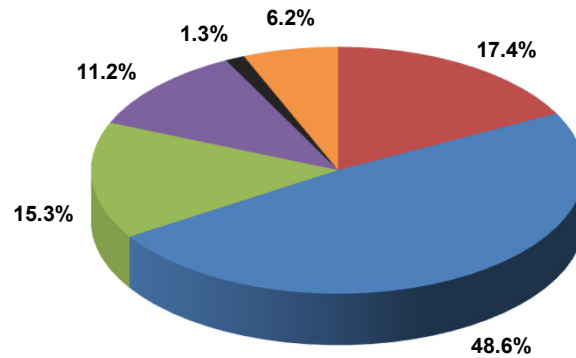
BUDGET SUMMARY COMPARISON BY PROGRAM

PROGRAM	FY2023		FY2024		DIFFERENCE	
	ADOPTED BUDGET	% OF TOTAL	PROPOSED BUDGET	% OF TOTAL	INCREASE / (DECREASE)	% OF CHANGE
1.0 Water Resource Planning and Monitoring	\$33,711,033	15.9%	\$38,379,208	17.4%	\$4,668,175	13.8%
2.0 Land Acquisition, Restoration and Public Works	115,317,063	54.5%	107,243,463	48.6%	(8,073,600)	(7.0%)
3.0 Operation and Maintenance of Works and Lands	23,571,594	11.1%	33,864,901	15.3%	10,293,307	43.7%
4.0 Regulation	23,588,380	11.2%	24,761,787	11.2%	1,173,407	5.0%
5.0 Outreach	2,535,146	1.2%	2,790,711	1.3%	255,565	10.1%
6.0 Management and Administration	12,959,965	6.1%	13,760,394	6.2%	800,429	6.2%
Total Expenditures	\$211,683,181	100.0%	\$220,800,464	100.0%	\$9,117,283	4.3%

**FY2023
Adopted
Budget**



**FY2024
Proposed
Budget**



■ 1.0 Water Resource Planning and Monitoring
■ 3.0 Operation and Maintenance of Works and Lands
■ 5.0 Outreach

■ 2.0 Land Acquisition, Restoration and Public Works
■ 4.0 Regulation
■ 6.0 Management and Administration

II. Budget Highlights

G. Budget by Area of Responsibility (AOR)

Chapter 373, Florida Statutes (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 has developed and the Governing Board has approved the 2023-2027 Strategic Plan, updated February 2023, which reflects the District's commitment to meeting the four core mission areas, as well as strategic initiative goals implemented to meet the AOR goals.

Water Supply (\$86,149,983) – Ensure an adequate supply of water to provide for all existing and future reasonable and beneficial uses while protecting and maintaining water resources and related natural systems.

- **Regional Water Supply Planning** – Identify, communicate, and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs.
- **Alternative Water Supplies** – Increase development of alternative sources of water to ensure groundwater and surface water sustainability.
- **Reclaimed Water** – Maximize beneficial use of reclaimed water to offset potable water supplies and restore water levels and natural systems.
- **Water Conservation** – Enhance efficiencies in all water-use sectors to ensure beneficial use.

Water Quality (\$26,075,624) – Protect and improve water quality to sustain the water resources, environment, economy, and quality of life.

- **Assessment and Planning** – Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives.
- **Maintenance and Improvement** – Develop and implement programs, projects, and regulations to maintain and improve water quality.

Flood Protection & Floodplain Management (\$45,319,781) – Minimize flood damage to protect people, property, infrastructure, and investment.

- **Floodplain Management** – Collect and analyze data to determine local and regional floodplain information and flood protection status and trends to support floodplain management decisions and initiatives.
- **Maintenance and Improvement** – Develop and implement programs, projects, and regulations to maintain and improve flood protection, and operate District flood control and conservation structures to minimize flood damage while preserving the water resource.
- **Emergency Flood Response** – Provide effective and efficient assistance to state and local governments and the public to minimize flood damage during and after major storm events, including operation of District flood control and water conservation structures.

Natural Systems (\$49,494,682) – Preserve, protect, and restore natural systems to support their natural hydrologic and ecologic functions.

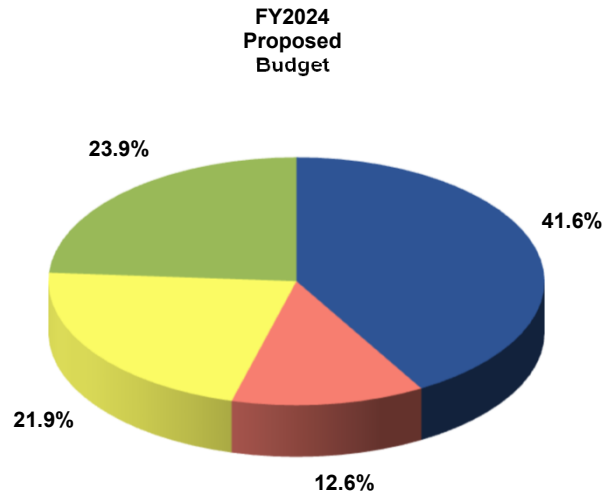
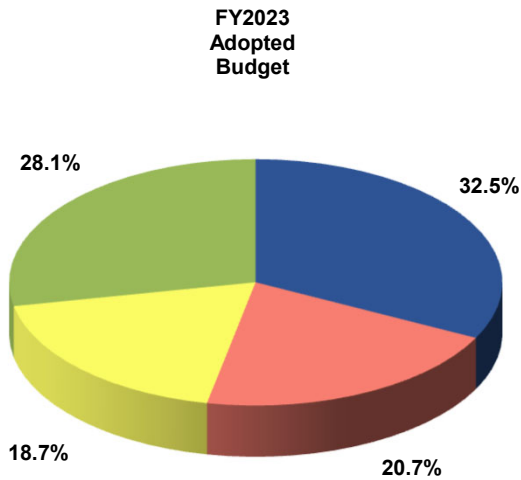
- **Minimum Flows and Minimum Water Levels (MFLs) Establishment and Monitoring** – Establish and monitor MFLs, and where necessary, develop and implement recovery/prevention strategies to recover water bodies and prevent significant harm.
- **Conservation and Restoration** – Restoration and management of natural ecosystems for the benefit of water and water-related resources.

Mission Support (\$13,760,394) – Mission Support, also known as Management Services, trains, and equips District employees to achieve the District's strategic initiatives in a cost-efficient and effective manner. These strategies ensure District operations remain strategically aligned and fiscally responsible.

II. Budget Highlights

BUDGET SUMMARY COMPARISON BY AREA OF RESPONSIBILITY

AREA OF RESPONSIBILITY	FY2023		FY2024		DIFFERENCE	
	ADOPTED BUDGET	% OF TOTAL	PROPOSED BUDGET	% OF TOTAL	INCREASE / (DECREASE)	% OF CHANGE
Water Supply	\$64,502,915	32.5%	\$86,149,983	41.6%	\$21,647,068	33.6%
Water Quality	41,142,293	20.7%	26,075,624	12.6%	(15,066,669)	(36.6%)
Flood Protection	37,227,151	18.7%	45,319,781	21.9%	8,092,630	21.7%
Natural Systems	55,850,857	28.1%	49,494,682	23.9%	(6,356,175)	(11.4%)
Total (excluding Mission Support)	\$198,723,216	100.0%	\$207,040,070	100.0%	\$8,316,854	4.2%
Mission Support	\$12,959,965		\$13,760,394		\$800,429	
Total Expenditures	\$211,683,181		\$220,800,464		\$9,117,283	4.3%



■ Water Supply

■ Water Quality

■ Flood Protection

■ Natural Systems

Program and Activity Allocations by Area of Responsibility

Programs and Activities	FY2024 Proposed	Water Supply	Water Quality	Flood Protection	Natural Systems
1.0 - Water Resource Planning and Monitoring	\$38,379,208	\$9,610,700	\$5,584,068	\$12,337,024	\$10,847,416
1.1 - District Water Management Planning	14,046,383				
1.1.1 - Water Supply Planning	734,692				
1.1.2 - Minimum Flows and Minimum Water Levels	1,761,536				
1.1.3 - Other Water Resources Planning	11,550,155				
1.2 - Research, Data Collection, Analysis & Monitoring	19,634,860				
1.3 - Technical Assistance	1,175,420				
1.5 - Technology & Information Services	3,522,545				
2.0 - Land Acquisition, Restoration and Public Works	\$107,243,463	\$68,246,473	\$9,754,785	\$8,081,692	\$21,160,514
2.1 - Land Acquisition	16,255,608				
2.2 - Water Source Development	71,133,897				
2.2.1 - Water Resource Development Projects	6,997,685				
2.2.2 - Water Supply Development Assistance	63,334,196				
2.2.3 - Other Water Source Development Activities	802,016				
2.3 - Surface Water Projects	17,941,599				
2.5 - Facilities Construction and Major Renovations	754,000				
2.7 - Technology & Information Services	1,158,359				
3.0 - Operation and Maintenance of Works and Lands	\$33,864,901	\$2,775,271	\$2,513,083	\$18,652,803	\$9,923,745
3.1 - Land Management	5,901,567				
3.2 - Works	17,782,136				
3.3 - Facilities	3,350,368				
3.4 - Invasive Plant Control	446,026				
3.5 - Other Operation and Maintenance Activities	247,410				
3.6 - Fleet Services	3,876,187				
3.7 - Technology & Information Services	2,261,207				
4.0 - Regulation	\$24,761,787	\$4,572,536	\$7,534,899	\$5,723,286	\$6,931,066
4.1 - Consumptive Use Permitting	4,245,135				
4.2 - Water Well Construction, Permitting & Contractor Licensing	962,138				
4.3 - Environmental Resource & Surface Water Permitting	10,411,720				
4.4 - Other Regulatory and Enforcement Activities	3,019,899				
4.5 - Technology & Information Services	6,122,895				

Program and Activity Allocations by Area of Responsibility

Programs and Activities	FY2024 Proposed	Water Supply	Water Quality	Flood Protection	Natural Systems
5.0 - Outreach	\$2,790,711	\$945,004	\$688,791	\$524,976	\$631,940
5.1 - Water Resource Education	938,806				
5.2 - Public Information	1,376,814				
5.4 - Lobbying/Legislative Affairs/Cabinet Affairs	144,728				
5.6 - Technology & Information Services	330,363				
<i>SUBTOTAL - Major Programs (excluding Management and Administration)</i>	\$207,040,070	\$86,149,983	\$26,075,624	\$45,319,781	\$49,494,682
6.0 - Management and Administration	\$13,760,394				
6.1 - Administrative & Operations Support	10,644,394				
6.1.1 - Executive Direction	1,355,835				
6.1.2 - General Counsel/Legal	1,010,692				
6.1.3 - Inspector General	259,835				
6.1.4 - Administrative Support	4,228,174				
6.1.6 - Procurement/Contract Administration	1,019,310				
6.1.7 - Human Resources	1,295,435				
6.1.9 - Technology & Information Services	1,475,113				
6.4 - Other (Tax Collector/Property Appraiser Fees)	3,116,000				
Total Expenditures:	\$220,800,464				

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III. Budget Details

A. Budget by Expenditure Category Schedules

The following schedules detail the fiscal year (FY) 2024 proposed budget by expenditure category, previously summarized in *Section II. Budget Highlights*. These schedules are intended to show staff's approach to pursue actions that further the District's mission and maintain the level of service outlined in the District's Strategic Plan. The Operating Budget identifies the fiscal requirements necessary to support continued management and protection of our region's water resources while addressing evolving challenges through the Project Budget. The Operating Budget schedules provide the organizational unit requesting the proposed budget, two-year budget comparisons, and reasons for significant variances. Whereas, the Project Budget schedules provide the total proposed and anticipated future funding requirements of each project followed by individual evaluations in *Section IV. Project Evaluations*.

III. Budget Details

B. Workforce and Salaries & Benefits

Workforce				
Organizational Unit	Adopted FY2023	Proposed FY2024	Change From FY2023	Percent Change From FY2023
Executive	7	7	0	0.0%
General Counsel ⁽¹⁾	14	15	1	7.1%
Inspector General	1	1	0	0.0%
Resource Management				
Natural Systems & Restoration	41	41	0	0.0%
Water Resources	25	25	0	0.0%
Engineering & Project Management ⁽¹⁾	27	26	(1)	(3.7%)
Total Resource Management:	93	92	(1)	(1.1%)
Operations, Lands & Resource Monitoring				
Operations	56	56	0	0.0%
Data Collection	77	77	0	0.0%
Land Resources	22	22	0	0.0%
Total Operations, Lands & Resource Monitoring:	155	155	0	0.0%
Regulation				
Environmental Resource Permit	64	64	0	0.0%
Water Use Permit	34	34	0	0.0%
Regulatory Support	53	53	0	0.0%
Total Regulation:	151	151	0	0.0%
Employee, Outreach & General Services				
Ombudsman	1	1	0	0.0%
Government & Community Affairs	8	8	0	0.0%
Human Resources	11	11	0	0.0%
General Services	45	45	0	0.0%
Communications & Board Services	20	20	0	0.0%
Total Employee, Outreach & General Services:	85	85	0	0.0%
Business & Information Technology Services				
Information Technology	48	48	0	0.0%
Finance	21	21	0	0.0%
Procurement Services	8	8	0	0.0%
Total Business & Information Technology Services:	77	77	0	0.0%
Total Workforce	583	583	0	0.0%

Salaries & Benefits				
Category	Adopted FY2023	Proposed FY2024	Change From FY2023	Percent Change From FY2023
Regular Salaries and Wages ⁽²⁾	\$39,535,272	\$40,898,169	\$1,362,897	3.4%
Student Internship Program	537,783	546,371	8,588	1.6%
Overtime ⁽³⁾	171,000	200,000	29,000	17.0%
Employer Paid FICA Taxes ⁽⁴⁾	3,065,576	3,170,511	104,935	3.4%
Retirement ⁽⁵⁾	5,153,838	6,084,145	930,307	18.1%
Self-Funded Medical ⁽⁶⁾	10,305,891	10,640,609	334,718	3.2%
Non-Medical Insurance Premiums	637,381	636,501	(880)	(0.1%)
Workers' Compensation	275,500	275,500	0	0.0%
Total Salaries & Benefits	\$59,682,241	\$62,451,806	\$2,769,565	4.6%

III. Budget Details

Notes:

- ⁽¹⁾ **General Counsel and Engineering & Project Management:** One FTE in Engineering & Project Management was reassigned to General Counsel as a strategic alignment of functions and objectives associated with the development of contractual agreements.
- ⁽²⁾ **Regular Salaries and Wages:** The increase of \$1,362,897 is due to performance-based merits of five percent to be awarded in FY2024 (\$1,980,577), contingent upon the Governor's approval of a five percent pay increase for state employees proposed by the 2023 Florida Legislature. This is offset by adjustments in compensation through the filling of vacancies.
- ⁽³⁾ **Overtime:** The increase of \$29,000 is primarily due to additional staff resources required for data collection (\$21,500) and regulation (\$5,500) activities.
- ⁽⁴⁾ **Employer Paid FICA Taxes:** The increase of \$104,935 is primarily due to budgeting for performance-based merits.
- ⁽⁵⁾ **Retirement:** The increase of \$930,307 is primarily due to the increase in Florida Retirement System (FRS) rates set by the 2023 Florida Legislature.
- ⁽⁶⁾ **Self-Funded Medical:** The increase of \$334,718 is primarily due to a projected 9 percent inflation factor; offset by an anticipated reduction in claims based on recent trends.

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III. Budget Details

C. Operating Expenses

Organizational Unit	Proposed FY2024
Executive	\$35,979
General Counsel	\$74,984
Inspector General	\$8,039
Resource Management	
Natural Systems & Restoration	\$51,993
Water Resources	96,131
Engineering & Project Management	40,441
Total Resource Management:	\$188,565
Operations, Lands & Resource Monitoring	
Operations	\$1,936,988
Data Collection	730,543
Land Resources	279,015
Total Operations, Lands & Resource Monitoring:	\$2,946,546
Regulation	
Environmental Resource Permit	\$85,319
Water Use Permit	31,483
Regulatory Support	79,905
Total Regulation:	\$196,707
Employee, Outreach & General Services	
Ombudsman	\$2,325
Government & Community Affairs	50,370
Human Resources (includes Property & Casualty Insurance)	1,213,850
General Services	3,733,116
Communications & Board Services	163,759
Total Employee, Outreach & General Services:	\$5,163,420
Business & Information Technology Services	
Information Technology	\$5,310,415
Finance	122,064
Procurement Services	40,955
Total Business & Information Technology Services:	\$5,473,434
Property Tax Commissions & Fees	\$3,116,000
Total	\$17,203,674

III. Budget Details

Category	Adopted FY2023	Proposed FY2024	Change From FY2023	Percent Change From FY2023	Cumulative Percent
Software Licensing and Maintenance	\$4,107,477	\$4,081,595	(\$25,882)	(0.6%)	23.73%
Property Tax Commissions	3,090,000	3,090,000	0	0.0%	41.69%
Maintenance and Repair of Buildings and Structures ⁽¹⁾	1,210,900	1,383,500	172,600	14.3%	49.73%
Parts and Supplies	1,064,157	1,089,937	25,780	2.4%	56.06%
Insurance and Bonds ⁽²⁾	768,675	926,810	158,135	20.6%	61.45%
Fuels and Lubricants	800,000	800,000	0	0.0%	66.10%
Utilities	726,900	788,900	62,000	8.5%	70.69%
Maintenance and Repair of Equipment	762,442	788,360	25,918	3.4%	75.27%
Non-Capital Equipment ⁽³⁾	598,405	697,185	98,780	16.5%	79.32%
Travel - Staff Duties and Training	544,110	595,695	51,585	9.5%	82.78%
Telephone and Communications	504,259	547,114	42,855	8.5%	85.96%
Janitorial Services	266,000	266,000	0	0.0%	87.51%
Printing and Reproduction	267,111	233,811	(33,300)	(12.5%)	88.87%
Rental of Other Equipment ⁽⁴⁾	227,941	167,100	(60,841)	(26.7%)	89.84%
Postage and Courier Services	160,000	157,000	(3,000)	(1.9%)	90.75%
District Land Maintenance Materials ⁽⁵⁾	95,000	150,000	55,000	57.9%	91.63%
Micro/Digital Imaging Services ⁽⁶⁾	78,000	104,000	26,000	33.3%	92.23%
Tires and Tubes	100,000	100,000	0	0.0%	92.81%
Employee Awards and Activities	90,000	91,000	1,000	1.1%	93.34%
Tuition Reimbursement	90,000	90,000	0	0.0%	93.86%
Fees Associated with Financial Activities	87,000	90,000	3,000	3.4%	94.39%
Books, Subscriptions and Data	79,606	86,244	6,638	8.3%	94.89%
Advertising and Public Notices	81,650	86,200	4,550	5.6%	95.39%
Chemical Supplies	82,500	86,050	3,550	4.3%	95.89%
Payments in Lieu of Taxes ⁽⁷⁾	134,000	80,000	(54,000)	(40.3%)	96.35%
Uniform Program ⁽⁸⁾	50,000	67,500	17,500	35.0%	96.75%
Memberships and Dues	71,334	66,112	(5,222)	(7.3%)	97.13%
Laboratory Supplies & Sampling	63,000	63,000	0	0.0%	97.50%
Lease of Inside Equipment	60,405	60,405	0	0.0%	97.85%
Safety Supplies	53,650	58,200	4,550	8.5%	98.19%
Lease of Tower Space	48,337	49,788	1,451	3.0%	98.48%
Office Supplies	44,560	46,460	1,900	4.3%	98.75%
Recording and Court Costs ⁽⁹⁾	31,850	44,350	12,500	39.2%	99.00%
Education Support	42,060	43,060	1,000	2.4%	99.25%
Lease of Buildings	32,574	32,574	0	0.0%	99.44%
Professional Licenses	26,529	23,829	(2,700)	(10.2%)	99.58%
Miscellaneous Permits and Fees ⁽¹⁰⁾	29,700	17,700	(12,000)	(40.4%)	99.68%
Taxes	20,250	17,550	(2,700)	(13.3%)	99.79%
Moving Expenses	14,000	14,000	0	0.0%	99.87%
Rental of Buildings and Properties	10,000	10,000	0	0.0%	99.93%
Promotions	5,995	6,000	5	0.1%	99.96%
Vehicle Registrations and Fees	2,500	2,500	0	0.0%	99.98%
Public Meetings	3,650	2,145	(1,505)	(41.2%)	99.99%
Central Garage Charges for Reimbursable Programs	2,000	2,000	0	0.0%	100.00%
Total	\$16,628,527	\$17,203,674	\$575,147	3.5%	

III. Budget Details

Notes:

- (1) **Maintenance and Repair of Buildings and Structures:** The increase of \$172,600 is primarily due to an increase in maintenance for District structures to address deficiencies and replace gate actuators (\$420,000), maintenance for culverts on the Tampa Bypass Canal (TBC) system (\$100,000), and maintenance for minimum flow and minimum water level (MFL) recovery pump stations (\$56,000). This is primarily offset by the reduction in funding for the Flood Gate Refurbishment program (\$400,000) due to the gates requiring replacement which is budgeted in *Fixed Capital Outlay*.
- (2) **Insurance and Bonds:** The increase of \$158,135 is due to rising rates in premiums.
- (3) **Non-Capital Equipment:** The increase of \$98,780 is primarily due to an increase for Districtwide personal computers and peripheral equipment (\$47,300), replacement of handheld two-way radios for emergency events (\$30,000), and an increase in data collection equipment for the District's long-term groundwater monitoring network as a result of an increased number of monitor wells as well as cost increases (\$17,000).
- (4) **Rental of Other Equipment:** The decrease of \$60,841 is primarily due to the completion in funding of a five-year lease for an excavator (\$37,591) and a reduction in equipment rentals associated with MFL recovery pump stations (\$20,000).
- (5) **District Land Maintenance Materials:** The increase of \$55,000 is due to an increase in aggregates required for planned activities in support of maintenance of culverts on the TBC (\$50,000) and conservation lands (\$5,000).
- (6) **Micro/Digital Imaging Services:** The increase of \$26,000 is due to an increase in the planned number of aging records to be converted from paper to digital format to assist with the backlog.
- (7) **Payments in Lieu of Taxes:** The decrease of \$54,000 is due to the population of Citrus County rising above the statutory threshold of 150,000 that no longer requires the District to pay for tax losses incurred by the County on properties acquired for water management purposes.
- (8) **Uniform Program:** The increase of \$17,500 is due to anticipated rate increases for uniforms and laundering services.
- (9) **Recording and Court Costs:** The increase of \$12,500 is due to an increase in anticipated litigation activity based on recent trends (\$7,500) and the number of environmental resource permit applications (\$5,000).
- (10) **Miscellaneous Permits and Fees:** The decrease of \$12,000 is due to a reduction in fees associated with the pursuit of the Governor's Sterling Award for systematic performance excellence.

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III. Budget Details

D. Contracted Services for Operations

Organizational Unit	Proposed FY2024
General Counsel	\$180,000
Inspector General	\$30,000
Resource Management	
Natural Systems & Restoration	\$1,997,455
Water Resources	188,300
Engineering & Project Management	239,000
Total Resource Management:	\$2,424,755
Operations, Lands & Resource Monitoring	
Operations	\$1,814,800
Data Collection	2,250,720
Land Resources	1,086,022
Total Operations, Lands & Resource Monitoring:	\$5,151,542
Regulation	
Environmental Resource Permit	\$344,375
Water Use Permit	422,614
Regulatory Support	32,000
Total Regulation:	\$798,989
Employee, Outreach & General Services	
Government & Community Affairs	\$60,000
Human Resources	169,000
General Services	222,750
Communications & Board Services	188,000
Total Employee, Outreach & General Services:	\$639,750
Business & Information Technology Services	
Information Technology	\$1,830,000
Finance	179,250
Procurement Services	5,000
Total Business & Information Technology Services:	\$2,014,250
Total	\$11,239,286

III. Budget Details

Category	Adopted FY2023	Proposed FY2024	Change From FY2023	Percent Change From FY2023	Cumulative Percent
Research, Data Collection, Analysis & Monitoring ⁽¹⁾	\$3,282,660	\$3,509,525	\$226,865	6.9%	31.23%
Technology and Information Services ⁽²⁾	1,365,825	1,851,000	485,175	35.5%	47.69%
Land Management and Use	1,713,821	1,812,522	98,701	5.8%	63.82%
Works of the District (i.e., structures, canals, dams, culverts) ⁽³⁾	1,265,500	1,094,800	(170,700)	(13.5%)	73.56%
Minimum Flows and Minimum Water Levels (MFLs) ⁽⁴⁾	415,500	801,500	386,000	92.9%	80.69%
Regulation Permitting ⁽⁵⁾	598,875	718,989	120,114	20.1%	87.09%
Facility Operations and Maintenance ⁽⁶⁾	22,750	222,750	200,000	879.1%	89.07%
Water Supply Planning	179,000	205,450	26,450	14.8%	90.90%
Legal Services	180,000	180,000	0	0.0%	92.50%
Financial Services	149,500	163,250	13,750	9.2%	93.95%
Human Resources ⁽⁷⁾	183,000	144,000	(39,000)	(21.3%)	95.24%
Independent Annual Financial Audit	100,000	108,000	8,000	8.0%	96.20%
Emergency Management	109,200	107,500	(1,700)	(1.6%)	97.15%
Procurement/Contract Administration ⁽⁸⁾	135,000	85,000	(50,000)	(37.0%)	97.91%
Lobbying and Legislative Support ⁽⁹⁾	20,000	60,000	40,000	200.0%	98.44%
Public Information	50,000	50,000	0	0.0%	98.89%
Invasive Plant Control	35,000	30,000	(5,000)	(14.3%)	99.15%
Inspector General Auditing Assistance	30,000	30,000	0	0.0%	99.42%
Risk Management	32,000	25,000	(7,000)	(21.9%)	99.64%
Board and Executive Services	25,000	25,000	0	0.0%	99.87%
Project Management Support	9,000	9,000	0	0.0%	99.95%
Real Estate Services	6,000	6,000	0	0.0%	100.00%
Watershed Management Planning ⁽¹⁰⁾	400,000	0	(400,000)	(100.0%)	100.00%
Total	\$10,307,631	\$11,239,286	\$931,655	9.0%	

III. Budget Details

Notes:

- ⁽¹⁾ **Research, Data Collection, Analysis & Monitoring:** The increase of \$226,865 is primarily due to an increase in U.S. Geological Survey surface water data collection for the evaluation and establishment of MFLs (\$125,575) and for the District's long-term monitoring network (\$115,200), and new funding for an update to the Peace River Integrated Model (\$50,000). This is offset by the completion of funding for an update of the Upper Myakka Water Budget Model (\$100,000).
- ⁽²⁾ **Technology and Information Services:** The increase of \$485,175 is primarily due to an increase in Information Technology (IT) projects for financial systems upgrades (\$436,000) and a new procurement system for the management of contracts and solicitations (\$230,000). This is primarily offset by a decrease in IT projects due to the completion of funding for a consumptive use permitting data collection system (\$100,000) and a fleet management system replacement (\$50,000).
- ⁽³⁾ **Works of the District:** The decrease of \$170,700 is primarily due to a reduction for the development of a capital improvement plan for District water control structures including cost estimations (\$335,000). This is primarily offset by increases for inspections of District water control structures (\$85,000), the development/update of Emergency Action Plans for high hazard structure systems (\$50,000), and operation and maintenance of the Inglis dam and spillway funded by the DEP (\$22,000).
- ⁽⁴⁾ **Minimum Flows and Minimum Water Levels (MFLs):** The increase of \$386,000 is due to increases in technical support for peer review and advisory consultation (\$260,000), contracted data collection for MFL evaluations (\$100,000), and technical support for maintenance of the Integrated Northern Tampa Bay Model (\$26,000).
- ⁽⁵⁾ **Regulation Permitting:** The increase of \$120,114 is primarily due to increases for operation and maintenance of the Dover/Plant City Automatic Meter Reading program (\$89,614) and technical support for consumptive use modeling software (\$30,000).
- ⁽⁶⁾ **Facility Operations and Maintenance:** The increase of \$200,000 is due to a facilities condition assessment of the District's Brooksville, Tampa, and Lake Hancock campuses (\$200,000).
- ⁽⁷⁾ **Human Resources:** The decrease of \$39,000 is primarily due to the completion of funding for a pay study (\$40,000).
- ⁽⁸⁾ **Procurement/Contract Administration:** The decrease of \$50,000 is primarily due to a reduction for the development of standardized technical specifications for construction bids and contracts (\$40,000) and completion of funding for the National Institute of Government Procurement to assess the implementation of recommendations provided in a Strategic Procurement Assessment (\$15,000).
- ⁽⁹⁾ **Lobbying and Legislative Support:** The increase of \$40,000 is due to the services of a grants specialist to assist in identifying grant opportunities best suited to the District's mission.
- ⁽¹⁰⁾ **Watershed Management Planning:** The decrease of \$400,000 is due to the completion of funding for the conversion of the District's Watershed Management Plan models to a supported software format.

III. Budget Details

E. Operating Capital Outlay

Category	Adopted FY2023	Proposed FY2024	Change From FY2023	Percent Change From FY2023
Information Technology Equipment ⁽¹⁾	\$210,400	\$616,550	\$406,150	193.0%
Inside Equipment excluding Information Technology ⁽²⁾	270,000	6,000	(264,000)	(97.8%)
Outside Equipment ⁽³⁾	27,400	108,340	80,940	295.4%
Capital Lease/Financed Equipment ⁽⁴⁾	234,437	122,509	(111,928)	(47.7%)
Vehicles ⁽⁵⁾	729,000	937,900	208,900	28.7%
Capital Field Equipment Fund ⁽⁶⁾	800,000	1,000,000	200,000	25.0%
Total	\$2,271,237	\$2,791,299	\$520,062	22.9%
FY2024 Line Item Detail				
⁽¹⁾ Information Technology Equipment	Functional Area		Quantity	Amount
Data Center Unified Computing System Hardware	Information Technology		N/A	\$300,000
Storage Expansion	Information Technology		N/A	150,000
Enterprise Servers	Information Technology		N/A	50,000
Virtual Desktop Infrastructure Expansion Hardware	Mapping & GIS		N/A	50,000
Large Format Scanner for Electronic File Storage	Document Services		Replacement - 2	27,800
Production Scanners for Electronic File Storage	Document Services		Replacement - 2	15,800
MicroFilm Scanner for Electronic File Storage	Document Services		Replacement - 1	13,650
Modeling Personal Computer	Environmental Flows and Levels		Replacement - 1	9,300
Total Information Technology Equipment:				\$616,550
⁽²⁾ Inside Equipment excluding Information Technology	Functional Area		Quantity	Amount
Analytical Balance/Scale	Chemistry Lab		Replacement - 1	\$6,000
Total Inside Equipment excluding Information Technology:				\$6,000
⁽³⁾ Outside Equipment	Functional Area		Quantity	Amount
Rainfall Meter Sign	Communications		New - 2	\$45,340
Geophysical Probe	Geohydrologic Data		New - 3	19,000
Truck-Mounted Generator/Welder	Structure Operations		Replacement - 1	17,000
Meter Accuracy Testing Equipment	Water Supply		Replacement - 1	11,000
Small Diameter Downhole Camera	Geohydrologic Data		New - 1	10,000
Spray System	Vegetation Management		Replacement - 1	6,000
Total Outside Equipment:				\$108,340
⁽⁴⁾ Capital Lease/Financed Equipment				Amount
Five Heavy Equipment Transport Trucks (Year 6 of 6)				\$97,240
Unstructured Data Storage Equipment (Year 5 of 5)				25,269
Total Capital Lease/Financed Equipment:				\$122,509
⁽⁵⁾ Vehicles			Quantity	Amount
The District's criteria meets or exceeds the Department of Management Services vehicle replacement guidelines. <u>At minimum</u> , to qualify for replacement, a vehicle must meet <u>one</u> of the following criteria:				
- Mileage exceeds 150,000,				
- Maintenance and repair costs exceed 40 percent of acquisition cost, or				
- Years in service exceeds 10				
The procurement of vehicles in excess of 13 units or additional funds required in excess of the budget of \$937,900 are subject to adhering to the <i>Budget Authority Transfer of Funds</i> Governing Board Policy.				
Total Vehicles:			Replacement - 13	\$937,900

III. Budget Details

FY2024 Line Item Detail (cont'd)

(6) Capital Field Equipment Fund

The Capital Field Equipment Fund (CFEF) administers the acquisition, replacement, enhancement or reconditioning of District field equipment. The purpose of this fund is to manage these capitalized expenditures in a way that allows the District to conduct its business efficiently and effectively.

To qualify as a CFEF expenditure, the field equipment must meet the following criteria:

- Rolling stock (excluding vehicles less than 1.5 tons),
- Total estimated cost equal to or greater than \$5,000 including delivery, and
- Anticipated useful life of at least five years

Note: Attachments and modifications to equipment/vehicles greater than 1.5 ton can be included as a CFEF expenditure.

Each fiscal year-end, the District requests the Governing Board to approve the carry forward of remaining funds into the subsequent fiscal year for planned expenditures to occur in that fiscal year. Unplanned expenditures from the CFEF are subject to adhering to the *Budget Authority Transfer of Funds* Governing Board Policy.

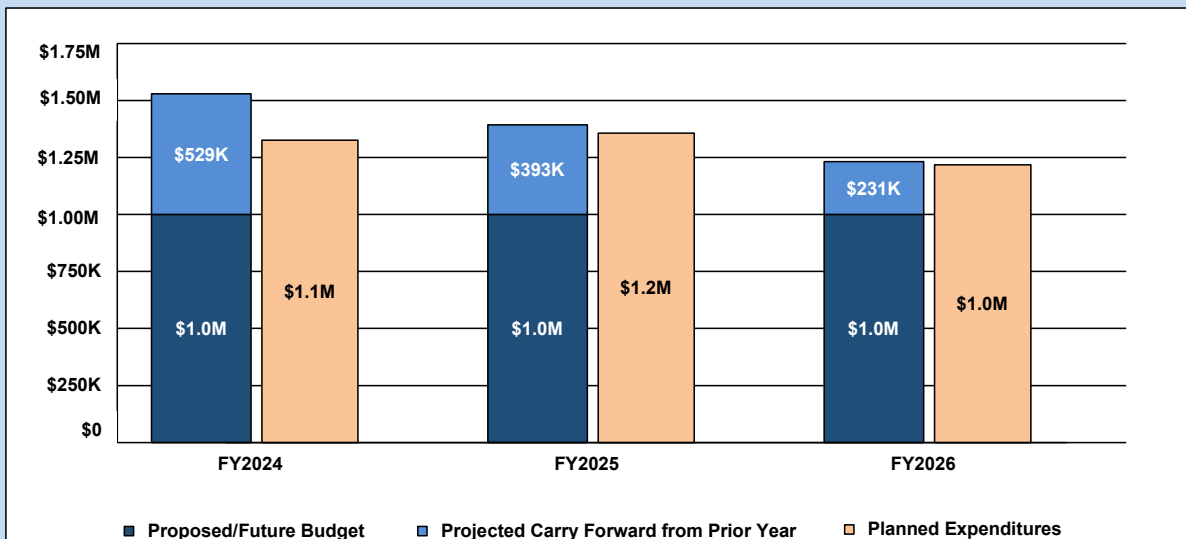
FY2024 Estimated CFEF Resources

Estimated FY2023 Fund Balance to Carry Forward into FY2024	\$528,640
Proposed FY2024 Budget	1,000,000
Total FY2024 Estimated CFEF Resources:	\$1,528,640

Planned Expenditures	Functional Area	Quantity	Amount
Agricultural Tractor	Field Operations	Replacement - 2	\$315,000
Construction Loader	Field Operations	Replacement - 1	200,000
Unimog	Field Operations	Replacement - 1	150,000
Class 8 Dump Truck	Field Operations	Replacement - 1	140,000
Air Boat	Vegetation Management	Replacement - 1	80,000
Bush Hog	Field Operations	Replacement - 2	50,000
Utility Terrain Vehicle	Facilities	Replacement - 2	40,000
Utility Terrain Vehicle	Land Management	Replacement - 2	34,000
Utility Terrain Vehicle	Hydrologic Data	Replacement - 1	28,000
All-Terrain Vehicle	Land Management	Replacement - 2	21,000
All-Terrain Vehicle	Vegetation Management	Replacement - 1	17,000
Golf Cart	Facilities	Replacement - 1	15,000
Golf Cart	Document Services	Replacement - 1	15,000
High Lift	Structures Operations	Replacement - 1	15,000
Flatbed Trailer	Geohydrologic Data	Replacement - 1	9,500
Light Tower	Structures Operations	Replacement - 1	6,000
Total FY2024 Planned Expenditures:			\$1,135,500

Estimated FY2024 Fund Balance for Planned Expenditures in Subsequent Fiscal Year: \$393,140

Capital Field Equipment Fund Projections



III. Budget Details

F. Contracted Services for District Projects

Page #	Project	Project Name	FY2024 Proposed Budget	Total Future Funding
Water Body Protection & Restoration Planning				
57	W020	Tampa Bay Protection & Restoration Planning	\$90,000	Annual Request
58	W420	Rainbow River Protection & Restoration Planning	50,000	Annual Request
59	W451	Crystal River/Kings Bay Protection & Restoration Planning	50,000	Annual Request
60	W501	Charlotte Harbor Protection & Restoration Planning	90,000	Annual Request
61	W601	Sarasota Bay Protection & Restoration Planning	90,000	Annual Request
62	W751	Lake Thonotosassa Protection & Restoration Planning	100,000	Annual Request
63	WC01	Chassahowitzka Springs Protection & Restoration Planning	50,000	Annual Request
64	WH01	Homosassa Springs Protection & Restoration Planning	50,000	Annual Request
65	WW01	Weeki Wachee Springs Protection & Restoration Planning	50,000	Annual Request
Total Water Body Protection & Restoration Planning:			\$620,000	\$0
Watershed Management Planning				
66	P239	Itchepackesassa Creek Watershed Management Plan	\$200,000	\$0
67	P283	Watershed Management Program Technical Support	100,000	Annual Request
68	P409	Big Slough Watershed Management Plan Update	150,000	850,000
69	P733	Tsala Apopka Outlet Watershed Management Plan	150,000	750,000
Total Watershed Management Planning:			\$600,000	\$1,600,000
Ground Water Levels Data				
70	P623	Southern Water Use Caution Area/Most Impacted Area Saltwater Intrusion Model	\$410,000	\$0
Total Ground Water Levels Data:			\$410,000	\$0
Surface Water Flows & Levels Data				
71	P298	Gum Slough Springs Model Development	\$150,000	\$0
72	P306	Crystal River/Kings Bay Model Development	280,000	0
73	P307	Rainbow River Model Development	200,000	300,000
74	P308	Alafia River Model Development	590,000	505,000
75	P310	Lake Hancock Reservation Reevaluation Model Development	250,000	0
76	P371	Lake Level Model Development	85,000	0
Total Surface Water Flows & Levels Data:			\$1,555,000	\$805,000
Meteorologic/Geologic/Biologic Data				
77	C005	Aquifer Exploration and Monitor Well Drilling Program	\$54,225	Annual Request

III. Budget Details

Page #	Project	Project Name	FY2024 Proposed Budget	Total Future Funding
78	C007	Aquifer Exploration and Monitor Well Drilling Program within the Central Florida Water Initiative	134,738	Annual Request
79	B028	Habitat Suitability Curve Analysis	59,800	0
80	P088	Central Florida Water Initiative Data, Monitoring and Investigations Team Technical Support	65,000	Annual Request
81	WS01	Springs Submerged Aquatic Vegetation Mapping and Evaluation	250,000	Annual Request
Total Meteorologic/Geologic/Biologic Data:			\$563,763	\$0
<u>Mapping & Survey Control</u>				
82	B219	Land Use/Land Cover Mapping Based on Aerial Orthophoto Maps	\$16,275	Annual Request
Total Mapping & Survey Control:			\$16,275	\$0
<u>Institute of Food and Agricultural Sciences (IFAS) Research</u>				
83	B136	Florida Auto Weather Network Data and Education	\$100,000	Annual Request
84	B424	Water-Nutrient Smart Production Systems with Compact Bed Geometry Technology: Water, Production and Economics	170,000	79,000
85	B425	Topdressing Lawns for Reduced Irrigation	23,000	0
Total Institute of Food and Agricultural Sciences (IFAS) Research:			\$293,000	\$79,000
<u>Land Acquisition</u>				
86	SZ00	Surplus Lands Assessment Program	\$127,500	Annual Request
Total Land Acquisition:			\$127,500	\$0
<u>Aquifer Storage & Recovery Feasibility and Pilot Testing</u>				
87	P189	Aquifer Recharge Testing at Flatford Swamp	\$275,000	\$0
Total Aquifer Storage & Recovery Feasibility and Pilot Testing:			\$275,000	\$0
<u>Facilitating Agricultural Resource Management Systems</u>				
88	P429	FARMS Meter Accuracy Support	\$12,500	Annual Request
Total Facilitating Agricultural Resource Management Systems:			\$12,500	\$0
<u>Minimum Flows and Minimum Water Levels (MFL) Recovery</u>				
89	H400	Lower Hillsborough River Recovery Strategy Implementation	\$40,000	Annual Request
90	H404	Lower Hillsborough River Recovery Strategy Morris Bridge Sink	165,000	Annual Request
Total Minimum Flows and Minimum Water Levels (MFL) Recovery:			\$205,000	\$0
<u>Conservation Rebates and Retrofits</u>				
91	P964	Water Use Evaluations for Non-Agricultural Users	\$28,400	\$0
Total Conservation Rebates and Retrofits:			\$28,400	\$0
<u>Water Supply Development Assistance Support</u>				
92	P542	Evaluation of Metrics for Cooperative Funding Initiative Projects	\$41,000	Annual Request
Total Water Supply Development Assistance Support:			\$41,000	\$0

III. Budget Details

Page #	Project	Project Name	FY2024 Proposed Budget	Total Future Funding
Quality of Water Improvement Program - Well Plugging				
93	B099	Quality of Water Improvement Program (QWIP)	\$25,000	Annual Request
Total Quality of Water Improvement Program - Well Plugging:			\$25,000	\$0
Stormwater Improvements – Water Quality				
94	H014	Lake Hancock Outfall Treatment System	\$18,000	Annual Request
Total Stormwater Improvements – Water Quality:			\$18,000	\$0
Restoration Initiatives				
95	P380	Restoration Project Site Assessments	\$100,000	Annual Request
96	SA68	Terra Ceia Huber Restoration Establishment	70,000	70,000
97	SA81	Rock Ponds Restoration Establishment	175,000	175,000
98	W204	Cypress Creek Hydrologic Restoration and Upland Enhancement	150,000	0
99	W312	Tampa Bay Habitat Restoration Regional Coordination	40,000	Annual Request
100	W519	Rstr - Flatford Swamp Assesment	200,000	0
Total Restoration Initiatives:			\$735,000	\$245,000
Florida Department of Transportation (FDOT) Mitigation				
101	D040	FDOT Mitigation Maintenance & Monitoring	\$701,000	Annual Request
102	D999	FDOT Mitigation Program Development, Planning & Support	50,000	Annual Request
Total Florida Department of Transportation (FDOT) Mitigation:			\$751,000	\$0
Land Management & Use				
103	SI08	Green Swamp West Road & Culvert Replacement	\$75,000	\$0
104	SL09	Starkey Anclote Ranch Easement Access Road	100,000	0
105	SL99	USDA Old World Climbing Fern Bio-Control	80,000	80,000
106	SN99	USDA Cogon Grass Bio-Control	40,000	80,000
Total Land Management & Use:			\$295,000	\$160,000
Structure Operation & Maintenance				
107	B888	Engineering Services for Water Control Structures	\$600,000	Annual Request
Total Structure Operation & Maintenance:			\$600,000	\$0
Water Use Permitting				
108	P243	Districtwide Regulation Model Steady State & Transient Calibrations	\$60,000	\$0
109	P443	Dover/Plant City Automatic Meter Reading Program	133,485	0
Total Water Use Permitting:			\$193,485	\$0

III. Budget Details

			FY2024	Total
Page #	Project	Project Name	Proposed Budget	Future Funding
Water Resource Education				
110	B277	Florida Water Star Builder Conservation Education Program	\$32,300	Annual Request
111	P259	Youth Water Resources Education Program	18,525	Annual Request
112	P268	Public Water Resources Education Program	5,000	Annual Request
113	P269	Conservation Education Program	20,000	Annual Request
114	W466	Springs Protection Outreach Program	30,000	Annual Request
Total Water Resource Education:			\$105,825	\$0
Total Contracted Services for District Projects:			\$7,470,748	\$2,889,000

G. Cooperative Funding and District Grants

					FY2024 Proposed District Share by Region				FY2024 Proposed Budget			Total Future Funding
					Heartland	Northern	Southern	Tampa Bay	District	Outside Revenue	Total Budget	
Page #	Project	Cooperator	Project Name	Priority								
Cooperative Funding Projects												
115	Q272	PRMRWSA	AWS - PRMRWSA Peace River Regional Reservoir No. 3	AWS	\$0	\$0	\$15,057,867	\$0	\$15,057,867	\$0	\$15,057,867	\$97,017,133
116	Q313	PRMRWSA	Interconnects - PRMRWSA Regional Integrated Loop System Phase 3C	AWS	-	-	10,744,319	-	10,744,319	-	10,744,319	13,305,681
117	Q355	PRMRWSA	Interconnects - PRMRWSA Regional Integrated Loop System Phase 2B	AWS	-	-	13,896,094	-	13,896,094	-	13,896,094	20,353,906
118	Q241	TBW	Interconnects - TBW Southern Hillsborough County Transmission Expansion	AWS	-	-	-	5,000,000	5,000,000	-	5,000,000	132,694,793
Total AWS Priority Projects:					\$0	\$0	\$39,698,280	\$5,000,000	\$44,698,280	\$0	\$44,698,280	\$263,371,513
119	Q230	Marion Co	WMP - Gum Swamp & Big Jones Creek Watershed Management Plan Update	1A	\$0	\$126,875	\$0	\$0	\$126,875	\$126,875	\$253,750	\$126,875
120	Q231	Marion Co	WMP - Rainbow River Watershed Management Plan Update	1A	-	205,000	-	-	205,000	205,000	410,000	205,200
121	Q330	Marion Co	WMP - West Central Marion Watershed Management Plan	1A	-	100,000	-	-	100,000	100,000	200,000	200,000
122	Q050	Venice	ASR - City of Venice Reclaimed Water ASR	1A	-	-	212,376	-	212,376	-	212,376	-
123	Q315	Manatee Co	WMP - Piney Pointe, Bishops Harbor and Curiosity Creek WMP	1A	-	-	360,375	-	360,375	360,375	720,750	-
124	Q325	Manatee Co	WMP - Buffalo Canal/Frog Creek WMP	1A	-	-	232,500	-	232,500	232,500	465,000	-
125	Q329	Manatee Co	WMP - Cedar Hammock West and South and Palma Sola WMP	1A	-	-	209,250	-	209,250	209,250	418,500	-
126	Q347	Manatee Co	WMP - Braden River WMP Update	1A	-	-	569,625	-	569,625	569,625	1,139,250	-
127	W105	Holmes Bch	SW IMP - Water Quality - Central Holmes Beach BMPs - Phases F, G, and H	1A	-	-	256,250	-	256,250	-	256,250	-
128	N850	Pasco Co	SW IMP - Flood Protection - Sea Pines Neighborhood Flood Abatement	1A	-	-	-	550,000	550,000	-	550,000	250,000
129	N865	Pasco Co	SW IMP - Flood Protection - Magnolia Valley Storage and Wetland Enhancement	1A	-	-	-	3,000,000	3,000,000	-	3,000,000	538,450
130	N949	Tampa	SW IMP - Flood Protection - Southeast Seminole Heights Flood Relief	1A	-	-	-	1,000,000	1,000,000	-	1,000,000	-
131	Q190	Tampa	SW IMP - Flood Protection - Lower Peninsula Stormwater Improvements - Southeast Region	1A	-	-	-	3,232,500	3,232,500	-	3,232,500	-

III. Budget Details

Page #	Project	Cooperator	Project Name	Priority	FY2024 Proposed District Share by Region				FY2024 Proposed Budget			Total Future Funding
					Heartland	Northern	Southern	Tampa Bay	District	Outside Revenue	Total Budget	
Cooperative Funding Projects												
132	Q225	Pasco Co	SW IMP - Flood Protection - Lafitte Drive	1A	-	-	-	900,000	900,000	-	900,000	731,417
133	Q233	Pinellas Co	Study - Clearwater Harbor/St Joseph Sound Nitrogen Source Identification	1A	-	-	-	75,000	75,000	-	75,000	50,000
134	Q337	Hillsborough Co	WMP - Hillsborough County Watershed BMP Alternatives Analysis	1A	-	-	-	250,000	250,000	-	250,000	250,000
Total 1A Priority Projects:					\$0	\$431,875	\$1,840,376	\$9,007,500	\$11,279,751	\$1,803,625	\$13,083,376	\$2,351,942
135	Q371	Polk Co Utilities	Conservation - Polk County Irrigation System Evaluation Program, Phase 8	CFI	\$72,500	\$0	\$0	\$0	\$72,500	\$0	\$72,500	\$0
136	Q373	Polk Co Natural Resources	WMP - Lake Hancock Watershed Management Plan	CFI	1,250,000	-	-	-	1,250,000	1,250,000	2,500,000	-
137	Q357	City of Anna Maria	SW IMP - Water Quality - Anna Maria BMPs Phase N	CFI	-	-	434,990	-	434,990	-	434,990	-
138	Q387	City of St. Petersburg	Conservation - St. Petersburg Sensible Sprinkling Program, Phase 11	CFI	-	-	-	50,000	50,000	-	50,000	-
139	Q391	Pasco Co	WMP - Trout Creek Watershed Management Plan Update	CFI	-	-	-	385,000	385,000	385,000	770,000	-
140	W024	TBEP	FY2024 Tampa Bay Environmental Restoration Fund	CFI	-	-	-	350,000	350,000	-	350,000	-
Total CFI Priority Projects:					\$1,322,500	\$0	\$434,990	\$785,000	\$2,542,490	\$1,635,000	\$4,177,490	\$0
Total Cooperative Funding Projects:					\$1,322,500	\$431,875	\$41,973,646	\$14,792,500	\$58,520,521	\$3,438,625	\$61,959,146	\$265,723,455

III. Budget Details

Page #	Project	Project Name	FY2024 Proposed Budget	Total Future Funding
<u>District Grants</u>				
<u>Water Body Protection & Restoration Planning</u>				
141	W027	Tampa Bay Estuary Program - Comprehensive Management Plan Development and Implementation	\$202,505	\$405,010
142	W526	Coastal and Heartland National Estuary Partnership - Comprehensive Management Plan Development and Implementation	130,000	Annual Request
143	W612	Sarasota Bay Estuary Program - Comprehensive Management Plan Development and Implementation	133,000	0
Total Water Body Protection & Restoration Planning:			\$465,505	\$405,010
<u>Watershed Management Planning</u>				
144	B087	Florida Flood Hub	\$50,000	\$100,000
Total Watershed Management Planning:			\$50,000	\$100,000
<u>Facilitating Agricultural Resource Management Systems</u>				
145	H015	Wells with Poor Water Quality in the Southern Water Use Caution Area Back-Plugging Program	\$20,000	Annual Request
146	H017	Facilitating Agricultural Resource Management Systems Program	4,000,000	Annual Request
147	H529	Mini-FARMS Program	500,000	Annual Request
Total Facilitating Agricultural Resource Management Systems:			\$4,520,000	\$0
<u>Conservation Rebates and Retrofits</u>				
148	B015	Water Incentives Supporting Efficiency Program	\$225,000	Annual Request
Total Conservation Rebates and Retrofits:			\$225,000	\$0
<u>Other Water Supply Development Assistance</u>				
149	H103	Water Supply & Water Resource Development Grant Program	\$16,000,000	Annual Request
Total Other Water Supply Development Assistance:			\$16,000,000	\$0
<u>Well Plugging</u>				
150	B099	Quality of Water Improvement Program	\$620,000	Annual Request
Total Well Plugging:			\$620,000	\$0
<u>Springs - Water Quality</u>				
151	H104	Springs Initiative Grant Program	\$4,000,000	Annual Request
Total Springs - Water Quality:			\$4,000,000	\$0
<u>Water Resource Education</u>				
152	P259	Youth Water Resources Education Program	\$530,000	Annual Request

III. Budget Details

Page #	Project	Project Name	FY2024 Proposed Budget	Total Future Funding
<u>District Grants</u>				
153	P268	Public Water Resources Education Program	5,000	Annual Request
Total Water Resource Education:			\$535,000	\$0
Total District Grants:			\$26,415,505	\$505,010
Total Cooperative Funding Projects and District Grants:			\$88,374,651	\$266,228,465

III. Budget Details

H. Fixed Capital Outlay

Page #	Project	Project Name	FY2024 Proposed Budget	Total Future Funding
Land Acquisition				
155	C005/ C007	Data Collection Site Acquisitions	\$150,000	\$600,000
156	S097	Florida Forever Work Plan Land Purchases	15,600,000	0
Total Land Acquisition:			\$15,750,000	\$600,000
District Facilities				
157	C219	Districtwide HVAC, Pavement and Roof Renovations	\$602,500	\$243,000
158	C223	Quick Change Oil Evacuation System	150,000	0
Total District Facilities:			\$752,500	\$243,000
Land Management				
159	SA12	Establishment of Campground Host Site at Potts Preserve	\$16,500	\$0
160	SK04/ SH08	Pole Barn for Heavy Equipment Storage at Green Swamp East and West	35,000	35,000
161	SM04	Hampton Tract Security Site Improvements at Green Swamp East	25,000	0
Total Land Management:			\$76,500	\$35,000
Works of the District (i.e., structures, canals, dams, culverts)				
162	B67H	Flood Control Structure Gate Replacement and Drum & Cable Conversions	\$7,250,000	\$22,180,000
163	C687	Water Control Structures Control System Replacements	250,000	2,150,000
164	C689	Lake Hancock Wetland Treatment System Remote Operation	148,000	0
165	C691	S-551 Flood Control Structure Cathodic Protection System	800,000	0
166	C692	S-160 Flood Control Structure Cathodic Protection System	2,500,000	0
Total Works of the District:			\$10,948,000	\$24,330,000
Well Construction				
167	C005/ C007	Aquifer Exploration and Monitor Well Drilling Program	\$3,742,000	\$7,285,000
Total Well Construction:			\$3,742,000	\$7,285,000
Total Fixed Capital Outlay:			\$31,269,000	\$32,493,000

Project No: W020	Tampa Bay Protection & Restoration Planning			
Region: Tampa Bay	Project Category: Water Body Protection & Restoration Planning			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☒	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project provides for administration and implementation of projects as outlined in the Tampa Bay Surface Water Improvement and Management (SWIM) Plan. The goal of the SWIM plan is to identify and implement management actions and projects that address major issues impacting Tampa Bay and to restore, maintain and preserve the ecological balance of the system. Funds will be used to support development and implementation of projects as well as tasks related to monitoring of water quality or natural systems, based on needs identified in the Tampa Bay SWIM Plan.			
Benefit:	Project provides funds for implementation of projects and activities in support of the SWIM plan.			
Cost:	Total FY2024 request: \$90,000 District: \$90,000			
Evaluation				
Resource Benefit:	This project will support monitoring and restoration of natural systems and water quality improvements within the Tampa Bay watershed, a SWIM priority water body.			
Cost Effectiveness:	Cost effectiveness will be evaluated, prior to implementation, for each project proposed to utilize these funds.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Water Quality Assessment and Planning - Water Quality Maintenance and Improvement - Conservation and Restoration			
Regional Priorities:	- Tampa Bay: Improve Tampa Bay and lakes Seminole, Tarpon and Thonotosassa.			
Additional Information				
Additional Information:	The Florida Legislature, through the SWIM Act of 1987, directed the state's water management districts (WMDs) to "design and implement plans and programs for the improvement and management of surface water" (Section 373.451, F.S). Under the SWIM Act, the state's five WMDs identify a list of priority water bodies within their authority and implement plans to improve them. Tampa Bay was identified in the legislation as the District's top ranked water body and was included on the District's original SWIM priority water body list. Tampa Bay was designated an estuary of national significance by the United States Congress in 1990. The first Tampa Bay SWIM Plan was approved in 1988, updated in 1992 and a third update began in FY2020.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$90,000	Annual Request	\$90,000
Total	Annual Request	\$90,000	Annual Request	\$90,000

Project No: W420	Rainbow River Protection & Restoration Planning			
Region: Northern	Project Category: Water Body Protection & Restoration Planning			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☒	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project provides funding for the implementation of the Rainbow River Surface Water Improvement and Management (SWIM) Plan approved by the Springs Coast Steering Committee (SCSC) in December 2015. The goal of the SWIM plan is to identify and implement management actions and projects that address the major issues facing the Rainbow River and to restore, maintain and preserve the ecological balance of the system. Funding may also be used to provide consultant services for the publication of an annual status and trends report summarizing and providing detailed analysis of District collected water quality data.			
Benefit:	Project provides funds for implementation of projects and activities in support of the SWIM plan.			
Cost:	Total FY2024 request: \$50,000 District: \$50,000			
Evaluation				
Resource Benefit:	This project will support the monitoring and restoration of natural systems and water quality improvements within the Rainbow River, a SWIM priority water body.			
Cost Effectiveness:	Cost is consistent with past funding to support the implementation of SWIM plans.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Conservation - Water Quality Assessment and Planning - Water Quality Maintenance and Improvement - Minimum Flows and Levels Establishment and Monitoring - Conservation and Restoration			
Regional Priorities:	- Northern: Improve Chassahowitzka River, Crystal River/Kings Bay, Homosassa River, Rainbow River and Weeki Wachee River and associated springs.			
Additional Information				
Additional Information:	The Rainbow River is located in southwestern Marion County and is a first magnitude spring system designated as both an Aquatic Preserve and an Outstanding Florida Waterway. Numerous springs contribute to the flow of the river, which runs nearly six miles before joining the Withlacoochee River at Dunnellon. Over the past hundred years, the river has experienced significant ecological shifts caused by both natural variability and human activities. The Florida Legislature, through the SWIM Act of 1987, directed the state's water management districts (WMDs) to "design and implement plans and programs for the improvement and management of surface water" (Section 373.451, F.S.). Under the SWIM Act, the state's five WMDs identify a list of priority water bodies within their authority and implement plans to improve them. The first SWIM plan for Rainbow River was completed in 1989, and updated in 1995, 2004, and 2015. In 2016, the Florida legislature enacted the Florida Springs and Aquifer Protection Act to provide further protection to first-magnitude springs and other springs of special significance.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$50,000	Annual Request	\$50,000
Total	Annual Request	\$50,000	Annual Request	\$50,000

Project No: W451	Crystal River/Kings Bay Protection & Restoration Planning			
Region: Northern	Project Category: Water Body Protection & Restoration Planning			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☒	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project provides funding for the implementation of the Crystal River/Kings Bay Surface Water Improvement and Management (SWIM) Plan approved by the Springs Coast Steering Committee (SCSC) in January 2016. The goal of the SWIM plan is to identify and implement management actions and projects that address the major issues facing the Crystal River/Kings Bay system and to restore, maintain and preserve the ecological balance of the system. Funding may also be used to provide consultant services for the publication of an annual status and trends report summarizing and providing detailed analysis of District collected water quality data.			
Benefit:	Project provides funds for implementation of projects and activities in support of the SWIM plan.			
Cost:	Total FY2024 request: \$50,000 District: \$50,000			
Evaluation				
Resource Benefit:	This project will support the monitoring and restoration of natural systems and water quality improvements within the Crystal River/Kings Bay, a SWIM priority water body.			
Cost Effectiveness:	Cost is consistent with past funding to support the implementation of SWIM plans.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Water Quality Assessment and Planning - Water Quality Maintenance and Improvement - Minimum Flows and Levels Establishment and Monitoring - Conservation and Restoration			
Regional Priorities:	- Northern: Improve Chassahowitzka River, Crystal River/Kings Bay, Homosassa River, Rainbow River and Weeki Wachee River and associated springs.			
Additional Information				
Additional Information:	The Crystal River/Kings Bay system is located in Citrus County and the river is a designated Outstanding Florida Waterway. The headwaters of the Crystal River are Kings Bay, an approximately 600 acre bay with numerous springs that collectively form one of the largest spring groups in the state before flowing about six miles to the Gulf of Mexico. Over the past hundred years, the bay has experienced significant ecological shifts caused by both natural variability and human activities. The Florida Legislature, through the SWIM Act of 1987, directed the state's water management districts (WMDs) to "design and implement plans and programs for the improvement and management of surface water" (Section 373.451, F.S.). Under the SWIM Act, the state's five WMDs identify a list of priority water bodies within their authority and implement plans to improve them. The first SWIM plan for Crystal River/Kings Bay was completed in 1989, updated in 2000 and 2015. In 2016, the Florida legislature enacted the Florida Springs and Aquifer Protection Act to provide further protection to first-magnitude springs and other springs of special significance.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$50,000	Annual Request	\$50,000
Total	Annual Request	\$50,000	Annual Request	\$50,000

Project No: W501	Charlotte Harbor Protection & Restoration Planning			
Region: Southern	Project Category: Water Body Protection & Restoration Planning			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☒	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project provides for administration and implementation of projects as outlined in the Surface Water Improvement and Management (SWIM) Plan for Charlotte Harbor. Implementation of the SWIM Plan includes coordination with involved stakeholders and governmental agencies such as the Coastal and Heartland National Estuary Partnership (CHNEP), Florida Fish and Wildlife Conservation Commission (FWC), Florida Department of Environmental Protection (FDEP), counties, and local municipalities. The goal of the SWIM plan is to identify and implement management actions and projects to protect and improve Charlotte Harbor. Funds will be used to support development and implementation of projects as well as tasks related to monitoring of water quality or natural systems based on needs identified in the Charlotte Harbor SWIM Plan, Habitat Restoration Needs, and CHNEP Comprehensive Conservation and Management Plan (CCMP).			
Benefit:	This project is important to meet the management goals of the Charlotte Harbor SWIM Plan and CHNEP CCMP. Coordination between the District, the CHNEP, and other state and local agencies ensures effective planning and implementation of habitat restoration and water quality projects within the Charlotte Harbor watershed. Planning of existing and future water quality habitat restoration projects is a critical component of the long-term success of both the SWIM Plan and the CCMP.			
Cost:	Total FY2024 request: \$90,000 District: \$90,000			
Evaluation				
Resource Benefit:	This project supports monitoring and restoration of natural systems and water quality improvements within Charlotte Harbor, a SWIM priority water body.			
Cost Effectiveness:	Cost is consistent with past funding to support the implementation of SWIM plans.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Water Quality Assessment and Planning - Water Quality Maintenance and Improvement - Conservation and Restoration			
Regional Priorities:	- Southern: Improve Charlotte Harbor, Sarasota Bay, Shell/Prairie/Joshua creeks.			
Additional Information				
Additional Information:	The Florida Legislature, through the SWIM Act of 1987, directed the state's water management districts (WMDs) to "design and implement plans and programs for the improvement and management of surface water" (Section 373.451, F.S). Under the SWIM Act, the state's five WMDs identify a list of priority water bodies within their authority and implement plans to improve them. Charlotte Harbor is a SWIM priority water body that was designated as an estuary of national significance by the United States Congress in 1995. The first SWIM Plan for Charlotte Harbor was developed by the District in 1993, updated in 2000, and a second update was completed in 2020.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$90,000	Annual Request	\$90,000
Total	Annual Request	\$90,000	Annual Request	\$90,000

Project No: W601	Sarasota Bay Protection & Restoration Planning			
Region: Southern	Project Category: Water Body Protection & Restoration Planning			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☒	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project provides for administration and implementation of projects outlined in the Surface Water Improvement and Management (SWIM) Plan for Sarasota Bay. Implementation of the SWIM Plan includes coordination with involved stakeholders and governmental agencies such as the Sarasota Bay Estuary Program (SBEP), Florida Fish and Wildlife Conservation (FWC), Florida Department of Environmental Protection (FDEP), counties, and local municipalities. The goal of the SWIM Plan is to identify and implement management actions and projects that address major issues facing Sarasota Bay, and to restore, maintain, and preserve the ecological balance of the system. Funds will be used to support development and implementation of projects as well as tasks related to monitoring of water quality or natural systems based on needs identified in the Sarasota Bay SWIM Plan.			
Benefit:	Project provides funds for the implementation of projects and activities in support of the SWIM plan.			
Cost:	Total FY2024 request: \$90,000 District: \$90,000			
Evaluation				
Resource Benefit:	The project will support the monitoring and restoration of natural systems and water quality improvements within the Sarasota Bay watershed, a SWIM priority water body.			
Cost Effectiveness:	Cost is consistent with past funding to support the implementation of SWIM plans.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Water Quality Assessment and Planning - Water Quality Maintenance and Improvement - Conservation and Restoration			
Regional Priorities:	- Southern: Improve Charlotte Harbor, Sarasota Bay, Shell/Prairie/Joshua creeks.			
Additional Information				
Additional Information:	The Florida Legislature, through the SWIM Act of 1987, directed the state's water management districts (WMDs) to "design and implement plans and programs for the improvement and management of surface water" (Section 373.451, F.S.). Under the SWIM Act, the state's five WMDs identify a list of priority water bodies within their authority and implement plans to improve them. Sarasota Bay was identified by the U.S. Environmental Protection Agency (USEPA) in 1989 as an estuary of national significance and included in the National Estuary program. In 1995, the District added Sarasota Bay to the SWIM priority water body list. The first SWIM Plan was approved in 1997 and updated in 2002. A third update to the SWIM plan will commence in the next few years.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$90,000	Annual Request	\$90,000
Total	Annual Request	\$90,000	Annual Request	\$90,000

Project No: W751	Lake Thonotosassa Protection & Restoration Planning			
Region: Tampa Bay	Project Category: Water Body Protection & Restoration Planning			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☒	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project is to update the Lake Thonotosassa Surface Water Improvement and Management (SWIM) Plan. The last update was in 2003. The District will utilize consultant support to assist with the preparation, including current conditions in the watershed and developing management recommendations. This work will be closely coordinated with Hillsborough County.			
Benefit:	This update will assist the District in meeting state requirements and identifying projects to address hydrologic alterations, water quality degradation and fish and wildlife habitat loss.			
Cost:	Total FY2024 request: \$100,000 District: \$100,000			
Evaluation				
Resource Benefit:	Implementation of the plan by the District and local government partners will result in protecting and restoring water quality and natural systems within the watershed of Lake Thonotosassa.			
Cost Effectiveness:	The project is cost effective compared to costs to develop similar water quality management plans. District staff will also be assisting the selected consultant with the update and coordinating the required state review of the document prior to approval by the Governing Board.			
Project Readiness:	This project is expected to begin on or before December 1, 2023.			
Strategic Goals				
Strategic Initiatives:	- Water Quality Assessment and Planning - Water Quality Maintenance and Improvement - Conservation and Restoration			
Regional Priorities:	- Tampa Bay: Improve Tampa Bay and lakes Seminole, Tarpon and Thonotosassa.			
Additional Information				
Additional Information:	The first lake Thonotosassa SWIM Plan was adopted in 1990 and updated in 1996 and 2003.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$100,000	Annual Request	\$100,000
Total	Annual Request	\$100,000	Annual Request	\$100,000

Project No: WC01	Chassahowitzka Springs Protection & Restoration Planning			
Region: Northern	Project Category: Water Body Protection & Restoration Planning			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☒	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project provides funding for the implementation of the Chassahowitzka River Surface Water Improvement and Management (SWIM) Plan approved by the Springs Coast Steering Committee (SCSC) in July 2017. The goal of the SWIM plan is to identify and implement management actions and projects that address the major issues facing the Chassahowitzka River system and to restore, maintain and preserve the ecological balance of the system. Funding may also be used to provide consultant services for the publication of an annual status and trends report summarizing and providing detailed analysis of District collected water quality data.			
Benefit:	Project provides funds for implementation of projects and activities in support of the SWIM Plan.			
Cost:	Total FY2024 request: \$50,000 District: \$50,000			
Evaluation				
Resource Benefit:	This project will support the monitoring and restoration of natural systems and water quality improvements within the Chassahowitzka River, a SWIM priority water body.			
Cost Effectiveness:	Cost is consistent with past funding to support the implementation of SWIM plans.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Water Quality Assessment and Planning - Water Quality Maintenance and Improvement - Minimum Flows and Levels Establishment and Monitoring - Conservation and Restoration			
Regional Priorities:	- Northern: Improve Chassahowitzka River, Crystal River/Kings Bay, Homosassa River, Rainbow River and Weeki Wachee River and associated springs.			
Additional Information				
Additional Information:	The Chassahowitzka River is a first-magnitude spring system and designated Outstanding Florida Waterway that originates in southwest Citrus County. Multiple springs and spring fed creeks contribute to the river as it flows about six miles to the Gulf of Mexico. Over the past hundred years, the spring and river have experienced ecological shifts, caused by both natural variability and human activities. The Florida Legislature, through the SWIM Act of 1987, directed the state's water management districts (WMDs) to "design and implement plans and programs for the improvement and management of surface water" (Section 373.451, F.S.). Under the SWIM Act, the state's five WMDs identify a list of priority water bodies within their authority and implement plans to improve them. In 2014, the Chassahowitzka River was designated as a SWIM priority water body, and the first plan was completed in 2017. In 2016, the Florida legislature enacted the Florida Springs and Aquifer Protection Act to provide further protection to first-magnitude springs and other springs of special significance.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$50,000	Annual Request	\$50,000
Total	Annual Request	\$50,000	Annual Request	\$50,000

Project No: WH01	Homosassa Springs Protection & Restoration Planning			
Region: Northern	Project Category: Water Body Protection & Restoration Planning			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☒	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project provides funding for the implementation of the Homosassa River Surface Water Improvement and Management (SWIM) Plan approved by the Springs Coast Steering Committee (SCSC) in April 2017. The goal of the SWIM Plan is to identify and implement management actions and projects that address the major issues facing the Homosassa River system and to restore, maintain, and preserve the ecological balance of the system. Funding may also be used to provide consultant services for the publication of an annual status and trends report summarizing and providing detailed analysis of District collected water quality data.			
Benefit:	Project provides funds for implementation of projects and activities in support of the SWIM Plan.			
Cost:	Total FY2024 request: \$50,000 District: \$50,000			
Evaluation				
Resource Benefit:	This project will support the monitoring and restoration of natural systems and water quality improvements within the Homosassa River, a SWIM priority water body.			
Cost Effectiveness:	Cost is consistent with past funding to support the implementation of SWIM plans.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Water Quality Assessment and Planning - Water Quality Maintenance and Improvement - Minimum Flows and Levels Establishment and Monitoring - Conservation and Restoration			
Regional Priorities:	- Northern: Improve Chassahowitzka River, Crystal River/Kings Bay, Homosassa River, Rainbow River and Weeki Wachee River and associated springs.			
Additional Information				
Additional Information:	The Homosassa River, a designated Outstanding Florida Waterway, is located in western Citrus County and originates from multiple springs located in the Ellie Schiller Homosassa Springs Wildlife State Park. Downstream of the park, additional springs and the Halls River contribute to the Homosassa River as it flows eight miles to the Gulf of Mexico. Over the past hundred years, the spring and river have experienced significant ecological shifts, caused by both natural variability and human activities. The Florida Legislature, through the SWIM Act of 1987, directed the state's water management districts (WMDs) to "design and implement plans and programs for the improvement and management of surface water" (Section 373.451, F.S.). Under the SWIM Act, the state's five WMDs identify a list of priority water bodies within their authority and implement plans to improve them. In 2014, the Homosassa River was designated as a SWIM priority water body and the first plan was completed in 2017. In 2016, the Florida legislature enacted the Florida Springs and Aquifer Protection Act to provide further protection to first-magnitude springs and other springs of special significance.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$50,000	Annual Request	\$50,000
Total	Annual Request	\$50,000	Annual Request	\$50,000

Project No: WW01	Weeki Wachee Springs Protection & Restoration Planning			
Region: Northern	Project Category: Water Body Protection & Restoration Planning			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☒	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project provides funding for the implementation of the Weeki Wachee River Surface Water Improvement and Management (SWIM) Plan approved by the Springs Coast Steering Committee (SCSC) in January 2017. The goal of the SWIM plan is to identify and implement management actions and projects that address the major issues facing the Weeki Wachee River system and to restore, maintain and preserve the ecological balance of the system. Funding may also be used to provide consultant services for the publication of an annual status and trends report summarizing and providing detailed analysis of District collected water quality data.			
Benefit:	Project provides funds for implementation of projects and activities in support of the SWIM Plan.			
Cost:	Total FY2024 request: \$50,000 District: \$50,000			
Evaluation				
Resource Benefit:	This project will support the monitoring and restoration of natural systems and water quality improvements within the Weeki Wachee River, a SWIM priority water body.			
Cost Effectiveness:	Cost is consistent with past funding to support the implementation of SWIM plans.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Water Quality Assessment and Planning - Water Quality Maintenance and Improvement - Minimum Flows and Levels Establishment and Monitoring - Conservation and Restoration			
Regional Priorities:	- Northern: Improve Chassahowitzka River, Crystal River/Kings Bay, Homosassa River, Rainbow River and Weeki Wachee River and associated springs.			
Additional Information				
Additional Information:	The Weeki Wachee River is a first magnitude spring system and designated Outstanding Florida Waterway that originates in western Hernando County. Over the past hundred years, the spring and river have experienced ecological shifts, caused by both natural variability and human activities. The Florida Legislature, through the SWIM Act of 1987, directed the state's water management districts to "design and implement plans and programs for the improvement and management of surface water" (Section 373.451, F.S). In 2016, the Florida legislature enacted the Florida Springs and Aquifer Protection Act to provide further protection to first-magnitude springs and other springs of special significance. In 2014, the Weeki Wachee River was designated as a SWIM priority water body and the first SWIM plan was completed in 2017.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$50,000	Annual Request	\$50,000
Total	Annual Request	\$50,000	Annual Request	\$50,000

Project No: P239	Itchepackesassa Creek Watershed Management Plan			
Region: Heartland	Project Category: Watershed Management Planning			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☐	Natural Systems: ☐	Flood Protection: ☒
Description				
Description:	This project will complete elements of the Watershed Management Program (WMP) and update the existing watershed management plan for the Itchepackesassa Creek watershed. The watershed is located in the Heartland Region in west central Polk County and eastern Hillsborough County. Elements may include floodplain analysis, Watershed Management Plan Update, Surface Water Resource Assessment (SWRA) and Best Management Practices (BMPs). FY2024 funding will be utilized to complete the SWRA and BMPs.			
Benefit:	Watershed model, floodplain analysis, SWRA and BMPs; information that is critical to better identify risk of flood damage and cost-effective alternatives.			
Cost:	Total project cost: \$1,000,000 District: \$1,000,000 with \$800,000 budgeted in prior years, and \$200,000 requested in FY2024.			
Evaluation				
Resource Benefit:	The WMP will analyze flooding problems that exist in the Itchepackesassa Creek watershed. Flood analysis models are over nine years old and have not been peer reviewed or approved by the Governing Board. The WMP will update the model, complete peer review, and seek Governing Board approval for the intermediate and regional stormwater systems in the watershed.			
Cost Effectiveness:	Project cost per square mile is in the mid-range of historic costs (\$30,000 to \$50,000 / sq. mi.) for WMPs completed in urban watersheds.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Floodplain Management			
Regional Priorities:	- None			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$800,000	\$200,000	\$0	\$1,000,000
Total	\$800,000	\$200,000	\$0	\$1,000,000

Project No: P283	Watershed Management Program Technical Support			
Region: Districtwide	Project Category: Watershed Management Planning			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☐	Natural Systems: ☐	Flood Protection: ☒
Description				
Description:	This initiative is for Watershed Management Program (WMP) improvement; peer review of watershed management plans and models, geographic information systems (GIS), and technical work; and other direct support of the District's WMP such as data collection, environmental resource permit (ERP) data review, and District Structure Operations support on a watershed level.			
Benefit:	The primary benefits of these services are improved watershed management plans, models, floodplain information and best management practices (BMPs) solutions; efficient completion of WMP project; and utilization of WMPs for decision-making purposes.			
Cost:	Total FY2024 request: \$100,000 District: \$100,000			
Evaluation				
Resource Benefit:	The WMP will develop flood analysis model to analyze flooding problems that exist in the watershed. Flood analysis model information identifies floodplain, establishes level of service, evaluates BMPs to address level of service deficiencies, and provides a geodatabase with projected results from watershed model simulations for floodplain and water quality management.			
Cost Effectiveness:	Project cost per square mile is in the mid-range of historic costs (\$30,000 to \$50,000 / sq mi) for WMPs completed in urban watersheds.			
Project Readiness:	Initiative is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Floodplain Management			
Regional Priorities:	- None			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$100,000	Annual Request	\$100,000
Total	Annual Request	\$100,000	Annual Request	\$100,000

Project No: P409	Big Slough Watershed Management Plan Update			
Region: Southern	Project Category: Watershed Management Planning			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☐	Natural Systems: ☐	Flood Protection: ☒
Description				
Description:	This project will complete elements of the Watershed Management Program (WMP) and update the existing watershed management plan for the Big Slough watershed. The watershed is located in the Southern Region in Sarasota County. The existing WMP was developed using a model software that is no longer supported by the developer. In addition, many elements of the WMP require updates including new topographic data and development within the watershed. Elements of the WMP update will include Project Development, Watershed Evaluation, Floodplain Analysis, Peer Review, and Watershed Management Plan Update. FY2024 funding will be utilized to complete the Project Development and begin the Watershed Evaluation update.			
Benefit:	Watershed model, floodplain analysis; information that is critical to better identify risk of flood damage.			
Cost:	Total project cost: \$1,000,000 District: \$1,000,000 with \$150,000 requested in FY2024, and \$850,000 anticipated to be requested in future years.			
Evaluation				
Resource Benefit:	The WMP will analyze flooding problems that exist in the Big Slough watershed. Flood analysis models are over ten years old and model software is no longer supported. The WMP will update the model, complete peer review, and seek Governing Board approval for the intermediate and regional stormwater systems in the watershed.			
Cost Effectiveness:	Project cost per square mile is in the low-range of historic costs (\$5,000 / sq. mi.) for WMP Updates completed in rural watersheds.			
Project Readiness:	Project is ready to begin by December 2023.			
Strategic Goals				
Strategic Initiatives:	- Floodplain Management			
Regional Priorities:	- None			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$0	\$150,000	\$850,000	\$1,000,000
Total	\$0	\$150,000	\$850,000	\$1,000,000

Project No: P733	Tsala Apopka Outlet Watershed Management Plan			
Region: Northern	Project Category: Watershed Management Planning			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☐	Natural Systems: ☐	Flood Protection: ☒
Description				
Description:	This project will complete elements of the Watershed Management Program (WMP) for the Tsala Apopka Outlet watershed. The watershed is located in the Northern Region in Citrus County. This watershed does not have a detailed study currently and recently experienced an unprecedented flooding event in the summer of 2021. Elements of the WMP will include Project Development, Watershed Evaluation, Floodplain Analysis, Peer Review, Surface Water Resource Assessment (SWRA) and Best Management Practices (BMPs) Alternatives Analysis. FY2024 funding will be utilized to complete the Project Development and begin the Watershed Evaluation phase of the project.			
Benefit:	Watershed model, Floodplain Analysis, SWRA and BMPs; information that is critical to better identify risk of flood damage and cost-effective alternatives to reduce flood risk.			
Cost:	Total project cost: \$900,000 District: \$900,000 with \$150,000 requested in FY2024, and \$750,000 anticipated to be requested in future years.			
Evaluation				
Resource Benefit:	The WMP will analyze flooding problems that exist in the Tsala Apopka Outlet watershed. Flood analysis models do not currently exist for the watershed. The WMP will be peer reviewed and seek Governing Board approval for the intermediate and regional stormwater systems in the watershed.			
Cost Effectiveness:	Project cost per square mile is in the mid-range of historic costs (\$17,000 to \$13,000 / sq. mi.) for WMPs completed in rural watersheds.			
Project Readiness:	Project is ready to begin October 2023.			
Strategic Goals				
Strategic Initiatives:	- Floodplain Management			
Regional Priorities:	- None			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$0	\$150,000	\$750,000	\$900,000
Total	\$0	\$150,000	\$750,000	\$900,000

Project No: P623	Southern Water Use Caution Area/Most Impacted Area Saltwater Intrusion Model			
Region: Southern	Project Category: Ground Water Levels Data			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This is a project to construct a saltwater intrusion model to replace the existing model constructed for the Most Impacted Area (MIA) of the Southern Water Use Caution Area (SWUCA). The model supports the SWUCA Recovery Strategy and is designed to represent and predict changes to the saltwater/freshwater interface associated with changes in climate, sea level, and groundwater withdrawals. The model will be used to determine wells at risk, evaluate alternatives for aquifer level recovery, and better define changes in the rate of saltwater intrusion associated with changes in withdrawals from the Upper Floridan aquifer.			
Benefit:	The updated model will provide improved capability to evaluate saltwater intrusion in the MIA of the SWUCA. Technical review is necessary to ensure the intended updated model capabilities are achieved and to provide a more defensible model. Model scenarios will help characterize changes in the saltwater/freshwater interface and will be used in the development of cost-effective recovery alternatives to help meet the saltwater intrusion minimum aquifer level as identified in the Strategic Plan.			
Cost:	Total project cost: \$893,887 District: \$893,887 with \$483,887 budgeted in prior years, and \$410,000 requested in FY2024.			
Evaluation				
Resource Benefit:	The model will enable the District to make water resource management decisions based on a more up to date tool.			
Cost Effectiveness:	Cost is reasonable for the scope of work and is consistent with the range of costs for similarly funded District projects.			
Project Readiness:	Project is underway.			
Strategic Goals				
Strategic Initiatives:	- Regional Water Supply Planning - Minimum Flows and Levels Establishment and Monitoring - Conservation and Restoration			
Regional Priorities:	- Northern: Ensure long-term sustainable water supply. - Tampa Bay: Implement the Lower Hillsborough River MFLs Recovery Strategy and Monitor Other MFLs. - Southern: Implement SWUCA Recovery Strategy.			
Additional Information				
Additional Information:	The Saltwater Intrusion Minimum Aquifer Levels (SWIMAL) are scheduled for reevaluation in 2026.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$483,887	\$410,000	\$0	\$893,887
Total	\$483,887	\$410,000	\$0	\$893,887

Project No: P298	Gum Slough Springs Model Development			
Region: Northern	Project Category: Surface Water Flows & Levels Data			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project will use consultant services to collect data and perform analysis that supports development of hydrologic, biologic, and habitat models to: 1) support Gum Slough Springs Group minimum flows establishment; 2) support development, implementation and assessment of management options for other District projects associated with Gum Slough Springs Group; and 3) support the District's Watershed Management Program (WMP). Data collection and analysis tasks associated with model development include, but are not limited to, topographic surveys, water level, flow, water quality, geomorphic, and habitat measurement or characterization.			
Benefit:	The results of this project will be used to better understand the characteristics of Gum Slough Springs Group which will support MFLs, water supply, regulation and WMP initiatives on the system.			
Cost:	Total project cost: \$500,000 District: \$500,000 with \$350,000 budgeted in prior years, and \$150,000 requested in FY2024.			
Evaluation				
Resource Benefit:	The results of this project will be used to better understand the characteristics of Gum Slough Springs Group and will support MFLs, water supply, regulation and WMP initiatives on the system.			
Cost Effectiveness:	The cost of this project is cost effective compared to other projects of this scope.			
Project Readiness:	This project is ready to begin on October 1, 2023.			
Strategic Goals				
Strategic Initiatives:	- Regional Water Supply Planning - Minimum Flows and Levels Establishment and Monitoring			
Regional Priorities:	- Northern: Ensure long-term sustainable water supply.			
Additional Information				
Additional Information:	The Gum Slough Springs Group MFL is scheduled for adoption in 2026.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$350,000	\$150,000	\$0	\$500,000
Total	\$350,000	\$150,000	\$0	\$500,000

Project No: P306	Crystal River/Kings Bay Model Development			
Region: Northern	Project Category: Surface Water Flows & Levels Data			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project will use consultant services to collect data and perform analysis that supports development of hydrologic, biologic, and habitat models to: 1) support Crystal River/Kings Bay minimum flows reevaluation; 2) support development, implementation, and assessment of management options for other District projects associated with Crystal River/Kings Bay; and 3) support the District's Watershed Management Program (WMP). Data collection and analysis tasks associated with model development include, but are not limited to, topographic surveys, water level, flow, water quality, geomorphic, and habitat measurement or characterization.			
Benefit:	The results of this project will be used to better understand the characteristics of Crystal River/Kings Bay that will support MFLs, water supply, regulation, and WMP initiatives on the system.			
Cost:	Total project cost: \$580,000 District: \$580,000 with \$300,000 budgeted in prior years, and \$280,000 requested in FY2024.			
Evaluation				
Resource Benefit:	The results of this project will be used to better understand the characteristics of Crystal River/Kings Bay that will support MFLs, water supply, regulation, and WMP initiatives on the system.			
Cost Effectiveness:	The cost of this project is cost effective compared to other projects of this scope.			
Project Readiness:	This project is ready to begin on October 1, 2023.			
Strategic Goals				
Strategic Initiatives:	- Regional Water Supply Planning - Minimum Flows and Levels Establishment and Monitoring			
Regional Priorities:	- Northern: Improve Chassahowitzka River, Crystal River/Kings Bay, Homosassa River, Rainbow River and Weeki Wachee River and associated springs. - Northern: Ensure long-term sustainable water supply.			
Additional Information				
Additional Information:	The Crystal River/Kings Bay MFL is scheduled for reevaluation in 2027.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$300,000	\$280,000	\$0	\$580,000
Total	\$300,000	\$280,000	\$0	\$580,000

Project No: P307	Rainbow River Model Development			
Region: Northern	Project Category: Surface Water Flows & Levels Data			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project will use consultant services to collect data and perform analysis that supports development of hydrologic, biologic, and habitat models to: 1) support Rainbow River minimum flows reevaluation; 2) support development, implementation, and assessment of management options for other District projects associated with the Rainbow River; and 3) support the District's Watershed Management Program (WMP). Data collection and analysis tasks associated with model development include, but are not limited to, topographic surveys, water level, flow, water quality, geomorphic, and habitat measurement or characterization.			
Benefit:	The results of this project will be used to better understand the characteristics of the Rainbow River that will support MFLs, water supply, regulation, and WMP initiatives on the system.			
Cost:	Total project cost: \$750,000 District: \$750,000 with \$250,000 budgeted in prior years, \$200,000 requested in FY2024, and \$300,000 anticipated to be requested in future years.			
Evaluation				
Resource Benefit:	The results of this project will be used to better understand the characteristics of the Rainbow River that will support MFLs, water supply, regulation, and WMP initiatives on the system.			
Cost Effectiveness:	The cost of this project is cost effective compared to other projects of this scope.			
Project Readiness:	This project is ready to begin on October 1, 2023.			
Strategic Goals				
Strategic Initiatives:	- Regional Water Supply Planning - Minimum Flows and Levels Establishment and Monitoring			
Regional Priorities:	- Northern: Improve Chassahowitzka River, Crystal River/Kings Bay, Homosassa River, Rainbow River and Weeki Wachee River and associated springs. - Northern: Ensure long-term sustainable water supply.			
Additional Information				
Additional Information:	The Rainbow River MFL is scheduled for reevaluation in 2027.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$250,000	\$200,000	\$300,000	\$750,000
Total	\$250,000	\$200,000	\$300,000	\$750,000

Project No: P308	Alafia River Model Development			
Region: Tampa Bay	Project Category: Surface Water Flows & Levels Data			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project will use consultant services to collect data and perform analysis that supports development of hydrologic, biological, and habitat models to: 1) support Alafia River minimum flows establishment; 2) support development, implementation and assessment of management options for other District projects associated with the Alafia River; and 3) support the District's Watershed Management Program (WMP). Data collection and analysis tasks associated with model development include, but are not limited to, topographic surveys, water level, flow, water quality, geomorphic, and habitat measurement or characterization.			
Benefit:	The results of this project will be used to better understand the characteristics of the Alafia River which will support MFLs, water supply, regulation and WMP initiatives on the system.			
Cost:	Total project cost: \$1,095,000 District: \$1,095,000 with \$590,000 requested in FY2024, and \$505,000 anticipated to be requested in future years.			
Evaluation				
Resource Benefit:	The results of this project will be used to better understand the characteristics of the Alafia River and will support MFLs, water supply, regulation and WMP initiatives on the system.			
Cost Effectiveness:	The cost of this project is cost effective compared with other projects of this scope.			
Project Readiness:	This project is ready to begin on October 1, 2023.			
Strategic Goals				
Strategic Initiatives:	- Regional Water Supply Planning - Minimum Flows and Levels Establishment and Monitoring			
Regional Priorities:	- Heartland: Implement SWUCA Recovery Strategy.			
Additional Information				
Additional Information:	The Alafia River MFL is scheduled for reevaluation in 2028.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$0	\$590,000	\$505,000	\$1,095,000
Total	\$0	\$590,000	\$505,000	\$1,095,000

Project No: P310	Lake Hancock Reservation Reevaluation Model Development			
Region: Heartland	Project Category: Surface Water Flows & Levels Data			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project will use consultant services to collect data and perform analysis that supports development of hydrologic, biological, and habitat models to: 1) support Lake Hancock minimum flows establishment; 2) support development, implementation and assessment of management options for other District projects associated with Lake Hancock; and 3) support the District's Watershed Management Program (WMP). Data collection and analysis tasks associated with model development include, but are not limited to, topographic surveys, water level, flow, water quality, geomorphic, and habitat measurement or characterization.			
Benefit:	The results of this project will be used to better understand the characteristics of Lake Hancock and will support MFLs, water supply, regulation and WMP initiatives on the system.			
Cost:	Total project cost: \$250,000 District: \$250,000 with \$250,000 requested in FY2024.			
Evaluation				
Resource Benefit:	The results of this project will be used to better understand the characteristics of Lake Hancock and will support MFLs, water supply, regulation and WMP initiatives on the system.			
Cost Effectiveness:	The cost of this project is cost effective compared with other projects of this scope.			
Project Readiness:	This project is ready to begin on October 1, 2023.			
Strategic Goals				
Strategic Initiatives:	- Regional Water Supply Planning - Minimum Flows and Levels Establishment and Monitoring			
Regional Priorities:	- Heartland: Implement SWUCA Recovery Strategy.			
Additional Information				
Additional Information:	This project is ready to begin on October 1, 2023.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$0	\$250,000	\$0	\$250,000
Total	\$0	\$250,000	\$0	\$250,000

Project No: P371	Lake Level Model Development			
Region: Districtwide	Project Category: Surface Water Flows & Levels Data			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project will use consultant services to collect data and perform analysis that supports development of hydrologic, biological, and habitat models to: 1) support development of minimum lake levels; 2) support development, implementation, and assessment of management options for other District projects associated with lakes within the District; and 3) support the District's Watershed Management Program (WMP). Data collection and analysis tasks associated with model development include, but are not limited to, topographic surveys, water level, water quality, geomorphic, and habitat measurement or characterization.			
Benefit:	The results of this project will be used to better understand the characteristics of lakes within the District that will support MFLs, water supply, regulation, and WMP initiatives on the system.			
Cost:	Total project cost: \$150,000 District: \$150,000 with \$65,000 requested in prior years, and \$85,000 requested in FY2024.			
Evaluation				
Resource Benefit:	The results of this project will be used to better understand the characteristics of lakes within the District that will support MFLs, water supply, regulation, and WMP initiatives on the system.			
Cost Effectiveness:	The cost of this project is cost effective compared with other projects of this scope.			
Project Readiness:	This project is ready to begin on October 1, 2023.			
Strategic Goals				
Strategic Initiatives:	- Minimum Flows and Levels Establishment and Monitoring			
Regional Priorities:	- Northern: Ensure long-term sustainable water supply. - Tampa Bay: Implement the Lower Hillsborough River MFLs Recovery Strategy and Monitor Other MFLs. - Heartland: Implement SWUCA Recovery Strategy. - Heartland: Improve Winter Haven Chain of Lakes and Ridge Lakes. - Southern: Implement SWUCA Recovery Strategy.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$65,000	\$85,000	\$0	\$150,000
Total	\$65,000	\$85,000	\$0	\$150,000

Project No: C005	Aquifer Exploration and Monitor Well Drilling Program			
Region: Districtwide	Project Category: Geologic Data			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☒	Natural Systems: ☐	Flood Protection: ☐
Description				
Description:	Services provided in support of core drilling, testing, and well construction activities throughout the District in accordance with the 2024 Geohydrologic Work Plan. The services include: 1. Contract with the Florida Geological Survey (FGS) to perform lithologic sample descriptions, formation picks from core sites, annual storage of core, and peer review of reports. 2. Costs for site preparation materials and services.			
Benefit:	These data collection activities will assist staff in the evaluation of future water supply needs and help manage and protect the resource to prevent unanticipated impacts that will need to be resolved with water users under a recovery strategy. These data will also contribute to the prevention of environmental impacts that may not be able to be recovered or mitigated once experienced.			
Cost:	Total FY2024 request: \$54,225 District: \$54,225 FGS Services - \$4,225 Site Preparation Materials and Services - \$50,000			
Evaluation				
Resource Benefit:	These services support several District Initiatives including the Coastal Groundwater Quality Monitoring Network and the Southern Water Use Caution Area (SWUCA) for the protection of future water supplies, water quality and minimum flows and levels. Maintaining access to these well sites are also of critical importance for long-term data collection.			
Cost Effectiveness:	The use of FGS to perform detailed lithologic descriptions will allow staff to focus on more important tasks in a more expedient manner and provides consistency in lithologic descriptions throughout the state. The benefits of using contracted site preparation and restoration services eliminates the need to own equipment or increase staffing to perform these services.			
Project Readiness:	Program is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Regional Water Supply Planning - Water Quality Assessment and Planning - Water Quality Maintenance and Improvement - Minimum Flows and Levels Establishment and Monitoring			
Regional Priorities:	- Northern: Ensure long-term sustainable water supply. - Tampa Bay: Implement the Lower Hillsborough River MFLs Recovery Strategy and Monitor Other MFLs. - Heartland: Implement SWUCA Recovery Strategy. - Southern: Implement SWUCA Recovery Strategy.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$54,225	Annual Request	\$54,225
Total	Annual Request	\$54,225	Annual Request	\$54,225

Project No: C007	Aquifer Exploration and Monitor Well Drilling Program within the Central Florida Water Initiative			
Region: Heartland	Project Category: Geologic Data			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☒	Natural Systems: ☐	Flood Protection: ☐
Description				
Description:	Services provided in support of coring and well construction activities within the Central Florida Water Initiative (CFWI) area and included in the Data Monitoring and Investigations Team (DMIT) FY2020-FY2025 Hydrogeologic Work Plan. The services include: 1. Contract with the Florida Geological Survey (FGS) to perform lithologic sample descriptions, formation picks from core sites, annual storage of core, and peer review of reports. 2. Costs for site preparation materials and services.			
Benefit:	These data collection activities will assist staff in the evaluation of future water supply needs and help manage and protect the resource to prevent unanticipated impacts that will need to be resolved with water users under a recovery strategy. These data will also contribute to the prevention of environmental impacts that may not be able to be recovered or mitigated once experienced.			
Cost:	Total FY2024 request: \$134,738 District: \$134,738 FGS Services - \$34,738 Site Preparation Materials and Services - \$100,000			
Evaluation				
Resource Benefit:	These services support several District initiatives including the CFWI, Lower Floridan aquifer exploration, and minimum flows and minimum water levels for the protection of future water supplies and water quality. Maintaining access to these well sites are also of critical importance for long-term data collection.			
Cost Effectiveness:	The use of FGS to perform detailed lithologic descriptions will allow staff to focus on more important tasks in a more expedient manner and provides consistency in lithologic descriptions throughout the state. The benefits of using contracted site preparation and restoration services eliminates the need to own equipment or increase staffing to perform these services.			
Project Readiness:	CFWI well sites are in various stages of acquisition, development, and well construction. The CFWI project is scheduled to be complete in 2025.			
Strategic Goals				
Strategic Initiatives:	- Regional Water Supply Planning - Water Quality Assessment and Planning - Water Quality Maintenance and Improvement - Minimum Flows and Levels Establishment and Monitoring			
Regional Priorities:	- Northern: Ensure long-term sustainable water supply. - Heartland: Implement SWUCA Recovery Strategy. - Heartland: Improve Winter Haven Chain of Lakes and Ridge Lakes. - Southern: Implement SWUCA Recovery Strategy.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$134,738	Annual Request	\$134,738
Total	Annual Request	\$134,738	Annual Request	\$134,738

Project No: B028	Habitat Suitability Curve Analysis			
Region: Northern	Project Category: Biologic Data			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project, Phase 2 of the Habitat Suitability Curve Analysis project, will use consultant services (Florida Fish and Wildlife Conservation Commission) to improve the regional habitat suitability curves developed in Phase 1 and the field data sheets by developing habitat substrate/cover codes that are specific to Florida streams and rivers. This information will be used for specific species of interest for flowing freshwater systems within the District to support the development of minimum flows and levels.			
Benefit:	The results of this project will be used to understand the complex characteristics of flowing systems to support MFL development and other restoration initiatives.			
Cost:	Total project cost: \$259,800 District: \$259,800 with \$200,000 budgeted in prior years, and \$59,800 requested in FY2024.			
Evaluation				
Resource Benefit:	The resource benefit of this project is data that will be used to understand the complex characteristics of flowing systems to support MFL development and other restoration initiatives.			
Cost Effectiveness:	Cost is reasonable for the scope and consistent with the range of costs for similarly funded District projects.			
Project Readiness:	The project is ready to begin on October 1, 2023.			
Strategic Goals				
Strategic Initiatives:	- Minimum Flows and Levels Establishment and Monitoring			
Regional Priorities:	- Northern: Improve Chassahowitzka River, Crystal River/Kings Bay, Homosassa River, Rainbow River and Weeki Wachee River and associated springs. - Tampa Bay: Implement the Lower Hillsborough River MFLs Recovery Strategy and Monitor Other MFLs. - Heartland: Implement SWUCA Recovery Strategy. - Southern: Implement SWUCA Recovery Strategy.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$200,000	\$59,800	\$0	\$259,800
Total	\$200,000	\$59,800	\$0	\$259,800

Project No: P088	Central Florida Water Initiative Data, Monitoring and Investigations Team Technical Support			
Region: Heartland	Project Category: Biologic Data			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project is in support of the Central Florida Water Initiative (CFWI) Data, Monitoring, and Investigations Team (DMIT) Hydrogeologic Work Plan. The Work Plan identifies each water management district involved (Southwest, South Florida, and St. Johns River) to collaboratively establish a number of wetland monitoring sites within the CFWI region during each year of the plan. Wetland monitoring standards should be similar to Class I site qualities identified by the CFWI Environmental Measures Team. Class I sites are required to have a surficial well, vegetative and land surveys, and soil evaluations.			
Benefit:	The project ensures that the CFWI DMIT Hydrogeologic Work Plan is met and that hydrologic, environmental, and other pertinent data are collected throughout the region to support the CFWI technical initiatives and regulatory activities.			
Cost:	Total FY2024 request: \$65,000 District: \$65,000			
Evaluation				
Resource Benefit:	The evaluation of the soil characteristics and the collection of long-term water elevation and vegetation data of the District's wetland sites in support of the CFWI DMIT Work Plan.			
Cost Effectiveness:	Cost is reasonable for the scope and consistent with the range of costs for similarly funded District projects.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Regional Water Supply Planning			
Regional Priorities:	- Heartland: Implement SWUCA Recovery Strategy.			
Additional Information				
Additional Information:	The CFWI Steering Committee approved the establishment of 107 wetland monitoring sites by 2025, with the District responsible for 44 sites. Wetland monitoring sites are to be established as described in the January 2018 CFWI DMIT minimum standards document. This includes a surficial well, vegetative and land surveys, and soil evaluations for each site.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$65,000	Annual Request	\$65,000
Total	Annual Request	\$65,000	Annual Request	\$65,000

Project No: WS01	Springs Submerged Aquatic Vegetation Mapping and Evaluation			
Region: Northern	Project Category: Biologic Data			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project includes submerged aquatic vegetation (SAV) mapping and evaluation to assess conditions in direct support of the Surface Water Improvement and Management (SWIM) plans and the required minimum flow and level (MFL) reevaluations for the District's five first-magnitude spring systems: Rainbow, Crystal River/Kings Bay, Homosassa, Chassahowitzka, and Weeki Wachee.			
Benefit:	This project will provide data collection to evaluate the natural systems quantifiable objectives of SWIM plans for all five systems and biological system health for the MFL reevaluations, evaluate long-term SAV abundance trends, and assess changes that are regional or system specific.			
Cost:	Total FY2024 request: \$250,000 District: \$250,000			
Evaluation				
Resource Benefit:	The resource benefit of this project is SAV data that is analyzed for trends to support future management decision to protect and improve first-magnitude springs systems within the District, which are also SWIM priority waterbodies.			
Cost Effectiveness:	The cost of this project is effective compared with other projects of this scope.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Conservation and Restoration			
Regional Priorities:	- Northern: Improve Chassahowitzka River, Crystal River/Kings Bay, Homosassa River, Rainbow River and Weeki Wachee River and associated springs.			
Additional Information				
Additional Information:	The Florida Legislature, through the SWIM Act of 1987, directed the state's water management districts to "design and implement plans and programs for the improvement and management of surface water" (Section 373.451, F.S.). The goal of the SWIM plan is to identify and implement management actions and projects to restore, maintain and preserve the ecological balance of the system. In 2016, the Florida Legislature enacted the Florida Springs and Aquifer Protection Act. This act affords special status and protection to historic first-magnitude springs and to other springs of special significance.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$250,000	Annual Request	\$250,000
Total	Annual Request	\$250,000	Annual Request	\$250,000

Project No: B219	Land Use/Land Cover Mapping Based on Aerial Orthophoto Maps			
Region: Districtwide	Project Category: Mapping & Survey Control			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☒	Natural Systems: ☒	Flood Protection: ☒
Description				
Description:	The goal of this project is to perform an independent quality control review of the District's 2023 Land Use Land Cover (LULC) map. The objective is to have the vendor perform random sampling techniques on the dataset and verify a quality assessment at 85 percent accuracy or better at LEVEL 2 LULC codes. With this project's completion, we will identify specific areas, and classes, that need improvement and address those areas to improve the overall accuracy of the final product, if necessary. The results will also be published with the map's metadata.			
Benefit:	The LULC data collected under this project are widely used to support the District's regulatory, planning, watershed modeling and land acquisition programs.			
Cost:	Total FY2024 request: \$16,275 District: \$16,275			
Evaluation				
Resource Benefit:	The LULC data collected under this project are widely used to support the District's regulatory, planning, watershed modeling and land acquisition programs.			
Cost Effectiveness:	It is more efficient to contract this project out as Mapping & GIS does not have the resources to complete these tasks in a timely and efficient manner. The total cost for this project is well within standard rates.			
Project Readiness:	This project is dependent on Districtwide imagery collection, which was completed in early 2023, as well as the Land Use/Cover mapping project completion which is scheduled to be finished by October 2023.			
Strategic Goals				
Strategic Initiatives:	- Regional Water Supply Planning - Alternative Water Supplies - Reclaimed Water - Conservation - Water Quality Assessment and Planning - Water Quality Maintenance and Improvement - Minimum Flows and Levels Establishment and Monitoring - Conservation and Restoration - Floodplain Management - Flood Protection Maintenance and Improvement - Emergency Flood Response			
Regional Priorities:	- Northern: Improve Chassahowitzka River, Crystal River/Kings Bay, Homosassa River, Rainbow River and Weeki Wachee River and associated springs. - Northern: Ensure long-term sustainable water supply. - Tampa Bay: Improve Tampa Bay and lakes Seminole, Tarpon and Thonotosassa. - Heartland: Implement SWUCA Recovery Strategy. - Heartland: Improve Winter Haven Chain of Lakes and Ridge Lakes. - Southern: Implement SWUCA Recovery Strategy. - Southern: Improve Charlotte Harbor, Sarasota Bay, Shell/Prairie/Joshua creeks.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$16,275	Annual Request	\$16,275
Total	Annual Request	\$16,275	Annual Request	\$16,275

Project No: B136	Florida Auto Weather Network Data and Education			
Region: Districtwide	Project Category: Institute of Food & Agricultural Sciences Research			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☐	Natural Systems: ☐	Flood Protection: ☐
Description				
Description:	This Institute of Food & Agricultural Sciences (IFAS) research project primarily supports weather station operation, maintenance, service enhancements, as well as outreach and education. Florida Automated Weather Network (FAWN) collects and distributes real-time weather and climatic data, specifically geared to agricultural users, to increase irrigation efficiency and reduce water use.			
Benefit:	The primary benefit of the FAWN program is a reduction in agricultural water use. The amount of water saved will be a function of the number of acres planted and water use, which will change annually based on market and climatic conditions. Estimated savings during cold protection events through the use of FAWN statewide are in excess of one billion gallons of water per day. The key to realizing these water use savings is use of the FAWN tools, educating producers through workshops, written material and trade shows.			
Cost:	Total FY2024 request: \$518,000 District: \$100,000 FDACS: \$88,000 IFAS: \$165,000 Mesonet: \$65,000 SFWMD: \$60,000 SJRWMD: \$40,000			
Evaluation				
Resource Benefit:	Through the use of the FAWN website and associated tools, growers are able to more effectively schedule irrigation and limit cold protection quantities. This will save groundwater across the District.			
Cost Effectiveness:	This is a research project in which the University of Florida is uniquely qualified. Costs are the same as previous years for the FAWN program.			
Project Readiness:	Project is ongoing and is intended to keep the system operational and provides for system improvements, community outreach and training.			
Strategic Goals				
Strategic Initiatives:	- Conservation			
Regional Priorities:	- Northern: Ensure long-term sustainable water supply. - Heartland: Implement SWUCA Recovery Strategy. - Southern: Implement SWUCA Recovery Strategy.			
Additional Information				
Additional Information:	The FAWN program was developed to provide real-time weather information to help Florida citizens make informed weather-related decisions. This information is used to help conserve water and protect Florida's natural systems. Irrigators use FAWN data to help determine when and how much to water. Also, FAWN data is used to assist individuals to determine when to turn off irrigation systems used for cold protection. Urban and agricultural chemical applicators use FAWN to help make decisions relative to the application of chemicals and fertilizer. FAWN has been expanded to provide online water/irrigation management tools that require weather inputs. Examples of these tools include insect and disease control, cold protection, irrigation, nutrient management and many more. The District's Agricultural and Green Industry Advisory Committee has expressed their support for the FAWN program. There are 47 FAWN stations statewide with 14 stations within the District.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$100,000	Annual Request	\$100,000
Florida Department of Agriculture and Consumer Services	Annual Request	\$88,000	Annual Request	\$88,000
Institute of Food and Agricultural Sciences	Annual Request	\$165,000	Annual Request	\$165,000
Mesonet	Annual Request	\$65,000	Annual Request	\$65,000
South Florida Water Management District	Annual Request	\$60,000	Annual Request	\$60,000
St. Johns River Water Management District	Annual Request	\$40,000	Annual Request	\$40,000
Total	Annual Request	\$518,000	Annual Request	\$518,000

Project No: B424	Water-Nutrient Smart Production Systems with Compact Bed Geometry Technology: Water, Production and Economics			
Region: Districtwide	Project Category: Institute of Food & Agricultural Sciences Research			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☒	Natural Systems: ☐	Flood Protection: ☐
Description				
Description:	This Institute of Food and Agricultural Sciences (IFAS) research project is to evaluate the water conservation, water quality, production, and economic aspects of an alternative water and nutrient management system with compact bed geometry by changing the method of fertilizer application on tomato crops.			
Benefit:	Modified fertilizer and water applications combined with the compact bed geometry could potentially further reduce the water, nitrogen, and phosphorus inputs on tomato crops than just use of compact bed geometry alone, resulting in reduced groundwater use and reduced nutrient leaching to groundwater.			
Cost:	Total project cost: \$299,000 District: \$299,000 with \$50,000 requested in prior years, \$170,000 requested in FY2024, and \$79,000 anticipated to be requested in future years.			
Evaluation				
Resource Benefit:	This information can be used by growers to more efficiently irrigate and fertilize tomato crops, especially at planting, thereby conserving groundwater used for irrigation and reducing nutrient leaching to groundwater.			
Cost Effectiveness:	This is a research project in which the University of Florida is uniquely qualified. Costs are appropriate compared to previously funded IFAS research projects.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Conservation			
Regional Priorities:	- Northern: Ensure long-term sustainable water supply. - Heartland: Implement SWUCA Recovery Strategy. - Southern: Implement SWUCA Recovery Strategy.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$50,000	\$170,000	\$79,000	\$299,000
Total	\$50,000	\$170,000	\$79,000	\$299,000

Project No: B425	Topdressing Lawns for Reduced Irrigation			
Region: Districtwide	Project Category: Institute of Food & Agricultural Sciences Research			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☐	Natural Systems: ☐	Flood Protection: ☐
Description				
Description:	This Institute of Food and Agricultural Sciences (IFAS) research project builds on previous research conducted under Evaluation of Water Use and Water Quality Effects of Amending Soils and Lawns (P446). It will evaluate the water quantity and quality effects of compost topdressing applications. The objective of this research is to gain a better understanding of the irrigation reduction potential from topdressing existing lawns with compost.			
Benefit:	Determine how lawns respond to compost topdressing applications. Understanding the combined irrigation reduction potential and water quality effects of compost topdressing applications could provide new irrigation recommendations for existing landscapes that are topdressed with compost.			
Cost:	Total project cost: \$58,000 District: \$58,000 with \$35,000 budgeted in prior years, and \$23,000 requested in FY2024.			
Evaluation				
Resource Benefit:	Potential reduction in residential irrigation water use.			
Cost Effectiveness:	Project is consistent with other similar District funded research projects.			
Project Readiness:	Project is ready to begin on or before December 1, 2023.			
Strategic Goals				
Strategic Initiatives:	- Conservation - Water Quality Assessment and Planning			
Regional Priorities:	- Northern: Ensure long-term sustainable water supply. - Tampa Bay: Implement the Lower Hillsborough River MFLs Recovery Strategy and Monitor Other MFLs. - Heartland: Implement SWUCA Recovery Strategy. - Southern: Implement SWUCA Recovery Strategy.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$35,000	\$23,000	\$0	\$58,000
Total	\$35,000	\$23,000	\$0	\$58,000

Project No: SZ00	Surplus Lands Assessment Program			
Region: Districtwide	Project Category: Land Acquisition			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	Funding for this program will be used to perform due diligence associated with the disposition of surplus lands. Lands identified for surplus include those that no longer meet the original acquisition purpose or do not provide water resource benefits such as flood control, recharge, water storage, water management, conservation and protection of water resources, water resource and water supply development, or preservation of wetlands, streams and lakes.			
Benefit:	The District conducts a thorough review of its land holdings to ensure they support the District's areas of responsibility (AOR) of water supply, flood protection, water quality and natural systems; thereby, ensuring the diligent and efficient stewardship of both land and financial resources for the citizens of Florida. Conducted in a transparent public decision making process, the review process identifies lands that no longer meet the original acquisition purpose and current water management benefits within the four AORs.			
Cost:	Total FY2024 request: \$127,500 District: \$127,500			
Evaluation				
Resource Benefit:	Lands that no longer meet the District's core mission may be declared surplus by the Governing Board and sold. The funds received from this effort would then be utilized to buy lands that significantly meet the District's core mission.			
Cost Effectiveness:	If District owned lands no longer meet the original acquisition purpose and current water management benefits within the four AORs, the District should surplus these lands no longer needed by the District. Costs for this program are appropriate compared to previously funded projects.			
Project Readiness:	Program is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Conservation and Restoration			
Regional Priorities:	- None			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$127,500	Annual Request	\$127,500
Total	Annual Request	\$127,500	Annual Request	\$127,500

Project No: P189	Aquifer Recharge Testing at Flatford Swamp			
Region: Districtwide	Project Category: Aquifer Storage & Recovery Feasibility and Pilot Testing			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This is a pilot project to test aquifer recharge at Flatford Swamp utilizing surface water. Aquifer recharge at the Flatford Swamp test well must meet primary drinking water standards and confirm arsenic mobilization is minimized.			
Benefit:	Economical and efficient methods for aquifer recharge, to the greatest extent possible, is necessary to support water use caution area recovery strategies and identify potential environmental restoration benefits.			
Cost:	Total project cost: \$525,000 District: \$525,000 with \$250,000 budgeted in prior years, and \$275,000 requested in FY2024.			
Evaluation				
Resource Benefit:	Development of cost effective methods to recharge the aquifer systems will help provide necessary minimum flow and minimum water level (MFL) recovery strategies, while supporting development of new alternative water supplies.			
Cost Effectiveness:	Cost saving measures have been developed utilizing EPA approved biological testing methods that will provide near real time monitoring. Costs based off recent quotes.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Regional Water Supply Planning - Alternative Water Supplies			
Regional Priorities:	- Northern: Ensure long-term sustainable water supply. - Heartland: Implement SWUCA Recovery Strategy. - Southern: Implement SWUCA Recovery Strategy.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$250,000	\$275,000	\$0	\$525,000
Total	\$250,000	\$275,000	\$0	\$525,000

Project No: P429	FARMS Meter Accuracy Support			
Region: Districtwide	Project Category: Facilitating Agricultural Resource Management Systems			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☐	Natural Systems: ☐	Flood Protection: ☐
Description				
Description:	This project involves providing meter accuracy support via contracted services to eligible Facilitating Agricultural Resource Management Systems (FARMS) participants, which results in accurate reporting of FARMS offsets. To verify accurate reporting, Water Use Permit metering conditions require meter accuracy checks every five years, with results within a five percent accuracy range. FARMS staff coordinate with landowners to schedule testing and forward accuracy test results to the landowner and Water Use Permitting staff. If any calibration or other repairs are identified, the landowner is responsible for that work.			
Benefit:	This project will enable the District to collect accurate and timely pumpage data from permittees that have participated in the FARMS program. This information is used to track groundwater offsets achieved through FARMS projects.			
Cost:	Total FY2024 request: \$12,500 District: \$12,500			
Evaluation				
Resource Benefit:	This information is used to verify accuracy of groundwater offsets from FARMS projects. The information can also be used to track permit compliance.			
Cost Effectiveness:	This information is used to determine the cost effectiveness of each FARMS project that is implemented. Groundwater offsets accomplished through FARMS projects to date have a cost of approximately \$2.37 per 1,000 gallons saved.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Alternative Water Supplies - Conservation			
Regional Priorities:	- Northern: Ensure long-term sustainable water supply. - Heartland: Implement SWUCA Recovery Strategy. - Southern: Implement SWUCA Recovery Strategy.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$12,500	Annual Request	\$12,500
Total	Annual Request	\$12,500	Annual Request	\$12,500

Project No: H400	Lower Hillsborough River Recovery Strategy Implementation			
Region: Tampa Bay	Project Category: Minimum Flows and Minimum Water Levels Recovery			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project includes hydrological, biological, chemical, and bathymetric data collection and modeling in support of the Lower Hillsborough River Recovery Strategy (LHRRS). The LHRRS specifies that salinity, biological and water quality information for the lower river will be evaluated as part of the recovery strategy.			
Benefit:	This project provides data critical to the assessment of the minimum flows for the LHR. It also enhances the District's knowledge of the river system.			
Cost:	Total FY2024 request: \$40,000 District: \$40,000			
Evaluation				
Resource Benefit:	Collecting data in support of the minimum flows established for the LHR provides an evaluation of conditions in the river system.			
Cost Effectiveness:	The cost for this project is within the range of similar projects performed in the past, including the data collection effort in support of the first, second and third five-year assessment of the minimum flows for the LHR.			
Project Readiness:	This project is ready to begin on October 1, 2023.			
Strategic Goals				
Strategic Initiatives:	- Minimum Flows and Levels Establishment and Monitoring			
Regional Priorities:	- Tampa Bay: Implement the Lower Hillsborough River MFLs Recovery Strategy and Monitor Other MFLs.			
Additional Information				
Additional Information:	The recovery strategy requires that in 2013, and for each five-year period through 2023, the District shall evaluate the strategy regarding its effects on the hydrology, dissolved oxygen, salinity, temperature, pH, and biological characteristics of the LHR that have been achieved from minimum flows implementation. Two five-year assessments have been conducted to date.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$40,000	Annual Request	\$40,000
Total	Annual Request	\$40,000	Annual Request	\$40,000

Project No: H404	Lower Hillsborough River Recovery Strategy Morris Bridge Sink			
Region: Tampa Bay	Project Category: Minimum Flows and Minimum Water Levels Recovery			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project includes monitoring of a potential permitted consumptive use. Water may be pumped from Morris Bridge Sink to augment flows in the Hillsborough River during drought conditions to assist in maintaining minimum flows and levels in the Lower Hillsborough River (LHR). This monitoring is required as part of a condition of a Florida Department of Environmental Protection (FDEP) Consumptive Use Permit issued to the District to implement an environmental monitoring plan to evaluate the potential impacts to the neighboring wetlands from any significant drawdown of the Upper Floridan and surficial aquifers resulting from withdrawals from Morris Bridge Sink.			
Benefit:	This project provides environmental monitoring and reporting to FDEP that is required by Water Use Permit No. 20020574.			
Cost:	Total FY2024 request: \$165,000 District: \$165,000			
Evaluation				
Resource Benefit:	The resource benefit of this project is the protection of the Morris Bridge Sink wetlands.			
Cost Effectiveness:	The cost of this project is cost effective compared with other projects of this scope.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Minimum Flows and Levels Establishment and Monitoring			
Regional Priorities:	- Tampa Bay: Implement the Lower Hillsborough River MFLs Recovery Strategy and Monitor Other MFLs.			
Additional Information				
Additional Information:	At its August 2007 meeting, the Governing Board established minimum flows and approved a recovery strategy for the LHR. The recovery strategy was adopted as required by statute, because flows in the LHR were below the established minimum flows. The recovery strategy includes a number of projects to divert water from various sources to help meet the minimum flows. The Morris Bridge Sink project is included in the recovery strategy. The Consumptive Use Permit expires in 2036.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$165,000	Annual Request	\$165,000
Total	Annual Request	\$165,000	Annual Request	\$165,000

Project No: P964	Water Use Evaluations for Non-Agricultural Users			
Region: Districtwide	Project Category: Conservation Rebates and Retrofits			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☐	Natural Systems: ☐	Flood Protection: ☐
Description				
Description:	The Water Use Evaluations for Non Agricultural Users will assist in meeting the District's strategic goals associated with increased water use efficiency. This program will focus on promoting the implementation of water conservation projects by providing non agricultural water users with water use evaluations to include a report with recommendations for improving water use efficiency. These evaluations and recommendations will steer quality projects toward the WISE program and will encourage participation of, but not be limited to, entities who historically have not participated in either the CFI or WISE programs. District staff will partner with utilities to select customers for evaluations, as well as evaluate individual water use permittees for participation. This funding request is to provide additional funding for hiring a third-party consultant to perform the work identified in the FY2023 request. Per the FY2023 request, this consultant is to perform approximately 20 evaluations and develop the associated reports with water use efficiency recommendations, as well as provide the District with a final report summarizing their key findings during the evaluations. This additional FY2024 funding request shall also allow for additional professional and technical services to be performed by the third-party consultant at the request of the District. Should actual costs be less than anticipated, the third party consultant may perform more evaluations as the availability of funds allow.			
Benefit:	The benefits of this project include an increase in water use efficiency, a more sustainable water supply for water users within the District, and protection of environmental resources.			
Cost:	Total project cost: \$103,400 District: \$103,400 with \$75,000 budgeted in prior years, and \$28,400 requested in FY2024.			
Evaluation				
Resource Benefit:	Actual water savings will vary based on sites selected for an evaluation. The Conserve Florida Water Clearinghouse EZ Guide tool estimated savings at 591.7 gpd per industrial/commercial/institutional evaluation. For 20 evaluations, this equals 11,834 gpd.			
Cost Effectiveness:	Actual cost effectiveness will vary based on sites selected for an evaluation. Using the theoretical savings of 11,834 gpd, cost effectiveness would be \$6.00 per thousand gallons saved.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Conservation			
Regional Priorities:	- Northern: Ensure long-term sustainable water supply. - Tampa Bay: Implement the Lower Hillsborough River MFLs Recovery Strategy and Monitor Other MFLs. - Heartland: Implement SWUCA Recovery Strategy. - Southern: Implement SWUCA Recovery Strategy.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$75,000	\$28,400	\$0	\$103,400
Total	\$75,000	\$28,400	\$0	\$103,400

Project No: P542	Evaluation of Metrics for Cooperative Funding Initiative Projects			
Region: Districtwide	Project Category: Water Supply Development Assistance Support			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☒	Natural Systems: ☒	Flood Protection: ☒
Description				
Description:	Consistent with the Cooperative Funding Initiative (CFI) District Procedure, the District periodically assesses and updates evaluation criteria and metrics used in the program. Criteria such as project benefits and cost effectiveness metrics are used in evaluating CFI applications each year. As costs change over time and the District has better data, it is important to revise cost effectiveness metrics used in the evaluation process. In the past five years this analysis has been performed with a combination of District staff and a consultant. A scoring system to evaluate the cost effectiveness and other parameters of each CFI project will also be investigated. Changes implemented as a result of this effort will be reflected in the CFI Guidelines and evaluation form and communicated at CFI workshops.			
Benefit:	Updating cost effectiveness, ranking, and scoring metrics for CFI projects on a routine basis will ensure the CFI program funds the most valuable projects each year. These metrics can also be used in evaluating District Initiative projects.			
Cost:	Total FY2024 request: \$41,000 District: \$41,000			
Evaluation				
Resource Benefit:	The project will enhance the District's ability to identify a better way to differentiate the benefits and cost effectiveness of the CFI applications resulting in data driven decision making to fund the best projects on an annual basis.			
Cost Effectiveness:	The project will enhance the District's ability to identify projects that are cost effective based historical data and cost trends. These metrics will help the District make better data driven decisions on an annual basis.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Regional Water Supply Planning - Alternative Water Supplies - Reclaimed Water - Conservation - Water Quality Maintenance and Improvement - Conservation and Restoration - Flood Protection Maintenance and Improvement			
Regional Priorities:	- None			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$41,000	Annual Request	\$41,000
Total	Annual Request	\$41,000	Annual Request	\$41,000

Project No: B099	Quality of Water Improvement Program			
Region: Districtwide	Project Category: Quality of Water Improvement Program - Well Plugging			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☒	Natural Systems: ☐	Flood Protection: ☐
Description				
Description:	The Quality of Water Improvement Program (QWIP) provides funding assistance to landowners for the proper abandonment of artesian wells. Pursuant to Ch. 373.206, Florida Statutes any abandoned artesian well having a detrimental impact on the District's water resources must be properly plugged. The program reimburses landowners up to 100 percent of the well plugging costs in qualified counties. The maximum reimbursement per well is \$6,000, and the annual maximum per landowner is \$18,000. Approximately 200 wells are properly plugged each year. Over \$15 million has been reimbursed to landowners since the program's inception in 1974.			
Benefit:	The abandonment of wells prevents the waste and contamination of potable water from deteriorated or improperly constructed water wells. Abandoned artesian wells may flow at the surface wasting potable water. Wells with deteriorated or insufficient casing depths allow water from normally isolated aquifers to mix, resulting in aquifer contamination.			
Cost:	Total FY2024 request: \$645,000 District: \$645,000 FY2024 funding will be used for: - District Grants: well plug reimbursements to landowners (\$620,000) - Contracted Services for District Projects: Manatee and Sarasota County delegated well abandonment oversight (\$25,000)			
Evaluation				
Resource Benefit:	Plugging abandoned or unused wells prevents flowing wells from wasting potable water. Plugging abandoned or unused wells with deteriorated or insufficient casing prevents aquifer contamination.			
Cost Effectiveness:	Plugging abandoned or unused flowing wells helps to sustain groundwater levels and saves potable water, which in turn reduces the need and cost to develop additional groundwater or alternative water sources.			
Project Readiness:	Program is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Regional Water Supply Planning - Conservation - Water Quality Maintenance and Improvement - Conservation and Restoration			
Regional Priorities:	- Heartland: Implement SWUCA Recovery Strategy. - Southern: Implement SWUCA Recovery Strategy. - Southern: Improve Charlotte Harbor, Sarasota Bay, Shell/Prairie/Joshua creeks.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$645,000	Annual Request	\$645,000
Total	Annual Request	\$645,000	Annual Request	\$645,000

Project No: H014	Lake Hancock Outfall Treatment System			
Region: Heartland	Project Category: Stormwater Improvements - Water Quality			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☒	Natural Systems: ☐	Flood Protection: ☐
Description				
Description:	This project is to support data acquisition and operational monitoring of the Lake Hancock Outfall Treatment System. Activities include aerial imagery, water and sediment monitoring, vegetation monitoring, field tests, and consultant services to evaluate data and make operational recommendations.			
Benefit:	Monitoring and data acquisition will inform operational decisions for the Lake Hancock Outfall Treatment project, an important water quality project operated by the District to reduce nitrogen loading to the Peace River and ultimately Charlotte Harbor, a Surface Water Improvement and Management (SWIM) priority water body.			
Cost:	Total FY2024 request: \$18,000 District: \$18,000			
Evaluation				
Resource Benefit:	The resource benefit is the operational guidance derived from the data and testing to optimize treatment efficiency in the wetland.			
Cost Effectiveness:	The budget request is consistent with the cost of the data collection and consultant services for other District projects.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Water Quality Assessment and Planning - Water Quality Maintenance and Improvement - Minimum Flows and Levels Establishment and Monitoring - Conservation and Restoration			
Regional Priorities:	- Southern: Improve Charlotte Harbor, Sarasota Bay, Shell/Prairie/Joshua creeks.			
Additional Information				
Additional Information:	The Lake Hancock Outfall Treatment project is a District Initiative aimed at improving water quality in the Peace River and protecting Charlotte Harbor. In February 2006, the Governing Board approved utilizing treatment wetlands to achieve a goal of a 27 percent annual nitrogen load reduction in discharges from Lake Hancock. Construction of the 1,000-acre treatment wetland was completed in June 2014. Operation has focused on promoting growth and recruitment of emergent wetland vegetation.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$18,000	Annual Request	\$18,000
Total	Annual Request	\$18,000	Annual Request	\$18,000

Project No: P380	Restoration Project Site Assessments			
Region: Districtwide	Project Category: Restoration Initiatives			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☒	Natural Systems: ☒	Flood Protection: ☒
Description				
Description:	This project will continue to evaluate completed natural systems restoration projects to ensure they are meeting restoration goals and to document any outstanding issues, such as plant establishment, that need to be addressed by the District or cooperators based on contractual obligations. In addition, information gathered by this evaluation will be used to the benefit of future restoration designs.			
Benefit:	This evaluation will provide current information on the performance of previously constructed restoration projects and identify any maintenance requirements that need to be addressed.			
Cost:	Total FY2024 request: \$100,000 District: \$100,000			
Evaluation				
Resource Benefit:	The information gained through this effort will assist in addressing any maintenance needs to ensure the projects are continuing to meet their restoration goals. In addition, this information will be helpful in the design of future restoration projects to reduce maintenance and maximize resource benefits.			
Cost Effectiveness:	The project cost is consistent with other similar efforts.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Conservation - Conservation and Restoration			
Regional Priorities:	- Northern: Improve Chassahowitzka River, Crystal River/Kings Bay, Homosassa River, Rainbow River and Weeki Wachee River and associated springs. - Tampa Bay: Improve Tampa Bay and lakes Seminole, Tarpon and Thonotosassa. - Heartland: Improve Winter Haven Chain of Lakes and Ridge Lakes. - Southern: Improve Charlotte Harbor, Sarasota Bay, Shell/Prairie/Joshua creeks.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$100,000	Annual Request	\$100,000
Total	Annual Request	\$100,000	Annual Request	\$100,000

Project No: SA68	Terra Ceia Huber Restoration Establishment			
Region: Southern	Project Category: Restoration Initiatives			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	Site maintenance responsibility for the Huber Tract associated with the Terra Ceia Ecosystem Restoration project has been transferred from the Surface Water Improvement and Management Program (SWIM) to the Operations and Land Resources bureaus. Funding will ensure required invasive plant control operations and other land management work such as repair/maintenance of road and wet crossings, establishment of fire management infrastructure to allow controlled burns when appropriate, and mowing and fencing to prepare this project for long term, routine conservation land management.			
Benefit:	Invasive plant control and other land management maintenance activities are required to ensure the continued success of the Huber Tract restoration project as it transitions from a construction project to a managed conservation land. Newly planted and establishing native plant communities/habitats will be damaged or replaced by invasive plant species without proper maintenance. As the project matures, fire may need to be introduced to help maintain the restored natural plant communities, maintain fuel loads at a manageable level, help control invasive plants and improve ecosystem function. Existing roads and wet crossings need maintenance and fencing needs to be maintained to prevent unauthorized vehicle access and dumping.			
Cost:	Total project cost: \$206,800 District: \$206,800 with \$66,800 budgeted in prior years, \$70,000 requested in FY2024, and \$70,000 anticipated to be requested in future years.			
Evaluation				
Resource Benefit:	Without effective invasive plant maintenance and other necessary land management activities, the many resource benefits of the Terra Ceia Ecosystem Restoration project will be negatively impacted, potentially requiring future large-scale restoration efforts. This restoration includes approximately 170 acres of upland coastal habitats along Tampa Bay. The project helps to restore the area's hydrology, improve the bay's water quality, create fisheries habitat, and supplement important bird nesting and feeding habitats.			
Cost Effectiveness:	The costs are based on current competitive bids.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Water Quality Maintenance and Improvement - Conservation and Restoration			
Regional Priorities:	- Tampa Bay: Improve Tampa Bay and lakes Seminole, Tarpon and Thonotosassa.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$66,800	\$70,000	\$70,000	\$206,800
Total	\$66,800	\$70,000	\$70,000	\$206,800

Project No: SA81	Rock Ponds Restoration Establishment			
Region: Tampa Bay	Project Category: Restoration Initiatives			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	Site maintenance responsibility for the Tampa Electric Company (TECO) Rock Ponds project was transferred from the Surface Water Improvement and Management Program (SWIM) to the Operations and Land Resources bureaus in FY2020. Funding will be required for the continued management for invasive plant control operations and other land management work such as repair/maintenance of road and wet crossings, establishment of fire management infrastructure to allow controlled burns when appropriate, and mowing and fencing to prepare this project for long term, routine conservation land management.			
Benefit:	Invasive plant control and other land management maintenance activities are required to ensure the continued success of the TECO Rock Ponds project as it transitions from a construction project to a managed conservation land. Newly planted and establishing native plant communities/habitats will be damaged or replaced by invasive plant species without proper maintenance. As the project matures, fire needs to be introduced to help maintain the restored natural plant communities, maintain fuel loads at a manageable level, help control invasive plants and improve ecosystem function. Existing roads and wet crossings need maintenance, fencing needs to be maintained to prevent unauthorized vehicle access and dumping.			
Cost:	Total project cost: \$1,305,000 District: \$1,125,000 with \$775,000 budgeted in prior years, \$175,000 requested in FY2024, and \$175,000 anticipated to be requested in future years. Land Acquisition Trust Fund: \$180,000 budgeted in prior years.			
Evaluation				
Resource Benefit:	Without effective invasive plant maintenance, application of fire and other necessary land management activities, the many resource benefits of the SWIM TECO Rock Ponds restoration project will be negatively impacted, potentially requiring future large-scale restoration efforts. This restoration project is the largest coastal restoration project ever performed for Tampa Bay. Approximately 645 acres of upland coastal habitats and 398 acres of various estuarine and freshwater habitats were created or restored along with more than 16 miles of new Tampa Bay shoreline. The project creatively helped restore the area's hydrology, improved the bay's water quality, created fisheries habitat, and supplemented important bird nesting and feeding habitats.			
Cost Effectiveness:	Site maintenance of the TECO Rock Ponds project will be primarily performed by contracted labor secured by using the District's existing procurement policies. The costs are based on current competitive bids.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Water Quality Maintenance and Improvement - Conservation and Restoration			
Regional Priorities:	- Tampa Bay: Improve Tampa Bay and lakes Seminole, Tarpon and Thonotosassa.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$775,000	\$175,000	\$175,000	\$1,125,000
Land Acquisition Trust Fund	\$180,000	\$0	\$0	\$180,000
Total	\$955,000	\$175,000	\$175,000	\$1,305,000

Project No: W204	Cypress Creek Hydrologic Restoration and Upland Enhancement			
Region: Tampa Bay	Project Category: Restoration Initiatives			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☒	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project will use consultant services to complete design and permitting for the wetland and upland restoration and enhancement of up to 650 acres on Cypress Creek Well Field. The final acres will be determined through the completion of the feasibility study. The restoration is on an area formerly modified for cattle production and the hydrologic restoration in the adjacent floodplain. The property is owned and managed by the District.			
Benefit:	The results of this project will design and permit natural systems and hydrologic restoration opportunities in wetland and upland communities on District land within the Tampa Bay watershed, a SWIM priority water body.			
Cost:	Total project cost: \$250,000 (Feasibility, Design and Permitting) District: \$250,000 with \$100,000 budgeted in prior years for feasibility, and \$150,000 requested in FY2024 for design and permitting. *Funding for construction anticipated to be requested in future years.			
Evaluation				
Resource Benefit:	Restoration and enhancement of up to 650 acres of wetlands and associated uplands with final acres to be determined through the completion of the feasibility study.			
Cost Effectiveness:	This cost is consistent with other similar projects.			
Project Readiness:	This project is ready to begin on or before December 1, 2023.			
Strategic Goals				
Strategic Initiatives:	- Water Quality Maintenance and Improvement - Conservation and Restoration			
Regional Priorities:	- Tampa Bay: Improve Tampa Bay and lakes Seminole, Tarpon and Thonotosassa.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$100,000	\$150,000	\$0	\$250,000
Total	\$100,000	\$150,000	\$0	\$250,000

Project No: W312	Tampa Bay Habitat Restoration Regional Coordination			
Region: Tampa Bay	Project Category: Restoration Initiatives			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	The project provides funds for general support to Surface Water Improvement and Management (SWIM) natural system restoration efforts for Tampa Bay. Funds for this project allow for planning of future projects and facilitate SWIM coordination with local governments, agencies, and various environmental committees and task forces (e.g. various committees of the Tampa Bay Estuary Program (TBEP), Tampa Bay Regional Planning Council, FDEP, FWC, EPC). Funds may also be used to facilitate implementation of natural system restoration projects in Tampa Bay.			
Benefit:	This project is important for meeting management goals of SWIM and the TBEP. Coordination and planning of existing and future habitat restoration projects is a critical component of long-term success of both programs.			
Cost:	Total FY2024 request: \$40,000 District: \$40,000			
Evaluation				
Resource Benefit:	The SWIM plan for Tampa Bay outlines goals to protect and restore water quality and natural systems in the Tampa Bay watershed. The objectives of this project are consistent with these goals.			
Cost Effectiveness:	Cost effectiveness will be evaluated, prior to implementation, for each project proposed to utilize these funds.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Water Quality Assessment and Planning - Water Quality Maintenance and Improvement - Conservation and Restoration			
Regional Priorities:	- Tampa Bay: Improve Tampa Bay and lakes Seminole, Tarpon and Thonotosassa.			
Additional Information				
Additional Information:	Tampa Bay is a SWIM priority water body that was designated an estuary of national significance by the United States Congress in 1990. Since 1950, about 50 percent of the bay's natural shoreline and 40 percent of its seagrass acreage were lost as a result of physical destruction and water quality impairment. This resulted in a decline in the aesthetic, recreational, and commercial value of the bay, as well as a loss of habitat for native plants and animals. The SWIM plan for Tampa Bay outlines goals to restore habitat and reduce pollutants entering Tampa Bay. The objectives of this project are consistent with these goals.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$40,000	Annual Request	\$40,000
Total	Annual Request	\$40,000	Annual Request	\$40,000

Project No: W519	Flatford Swamp Assessment			
Region: Southern	Project Category: Restoration Initiatives			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☒	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project will include an assessment of the current status of natural systems within District owned Flatford Swamp, located in eastern Manatee County. The assessment will include data collection and analysis of the natural systems and water quality and compare to historical values.			
Benefit:	This assessment will provide data and analysis that will support future management actions.			
Cost:	Total project cost: \$200,000 District: \$200,000 with \$200,000 requested in FY2024.			
Evaluation				
Resource Benefit:	The information from this assessment will be used to direct future management actions at the District owned Flatford Swamp.			
Cost Effectiveness:	The project cost is consistent with other similar efforts.			
Project Readiness:	The project is ready to begin on or before December 1, 2023.			
Strategic Goals				
Strategic Initiatives:	- Conservation and Restoration			
Regional Priorities:	- Southern: Improve Charlotte Harbor, Sarasota Bay, Shell/Prairie/Joshua creeks.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$0	\$200,000	\$0	\$200,000
Total	\$0	\$200,000	\$0	\$200,000

Project No: D040	FDOT Mitigation Maintenance & Monitoring			
Region: Districtwide	Project Category: FDOT Mitigation			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	The request is to continue maintenance, monitoring and compliance activities of the Florida Department of Transportation (FDOT) Mitigation program consistent with Section 373.4137, Florida Statutes. FDOT funding will be used to conduct wetland monitoring reports and maintenance activities to achieve compliance as required by United States Army Corps of Engineers (USACE) permits.			
Benefit:	The FDOT mitigation projects provide wetland mitigation to offset wetland impacts associated with multiple FDOT roadway projects.			
Cost:	Total FY2024 request: \$701,000 FDOT: \$701,000			
Evaluation				
Resource Benefit:	Supports natural system enhancement and restoration efforts on various FDOT mitigation projects throughout the District.			
Cost Effectiveness:	This project is cost effective based on previous costs of monitoring reports and maintenance for FDOT mitigation sites.			
Project Readiness:	Monitoring and maintenance of these mitigation projects along with program development, planning, and support are ongoing.			
Strategic Goals				
Strategic Initiatives:	- Conservation and Restoration			
Regional Priorities:	- None			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
Florida Department of Transportation	Annual Request	\$701,000	Annual Request	\$701,000
Total	Annual Request	\$701,000	Annual Request	\$701,000

Project No: D999	FDOT Mitigation Program Development, Planning & Support			
Region: Districtwide	Project Category: FDOT Mitigation			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	The request is for ongoing program management, planning, and support for the Florida Department of Transportation (FDOT) Mitigation program consistent with Section 373.4137, Florida Statutes. FDOT funding will be used to hire consultants to provide assistance administering the program in compliance with Florida Statute and United States Army Corps of Engineers (USACE) permits.			
Benefit:	The FDOT mitigation projects provide wetland mitigation to offset wetland impacts associated with multiple FDOT roadway projects.			
Cost:	Total FY2024 request: \$50,000 FDOT: \$50,000			
Evaluation				
Resource Benefit:	Supports natural system enhancement and restoration efforts on various FDOT mitigation projects throughout the District.			
Cost Effectiveness:	This project is cost effective based on previous costs of monitoring reports and maintenance for FDOT mitigation sites.			
Project Readiness:	Program planning and development support is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Conservation and Restoration			
Regional Priorities:	- None			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
Florida Department of Transportation	Annual Request	\$50,000	Annual Request	\$50,000
Total	Annual Request	\$50,000	Annual Request	\$50,000

Project No: SI08	Green Swamp West Road & Culvert Replacement			
Region: Heartland	Project Category: Land Management Projects			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	Request funds for improvements such as repair/maintenance of roads, culverts, and wet crossings to allow for long term routine conservation and land management. There is currently a backlog of corrective action maintenance activities in Green Swamp West, and this request will assist in the acceleration of delayed projects.			
Benefit:	The improvements to the roads, culverts, and wet crossings will assist with staff efficiently meeting statutory land management requirements.			
Cost:	Total project cost: \$75,000 District: \$75,000 with \$75,000 requested in FY2024.			
Evaluation				
Resource Benefit:	These land management activities are required for application of fire and other necessary land management activities.			
Cost Effectiveness:	The corrective maintenance will be primarily performed by contracted labor secured by using the District's existing procurement policies. The costs are appropriate based on past competitive bids and spending history on conservation lands.			
Project Readiness:	Project will be ready to start in the beginning of FY2024.			
Strategic Goals				
Strategic Initiatives:	- Conservation and Restoration			
Regional Priorities:	- None			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$0	\$75,000	\$0	\$75,000
Total	\$0	\$75,000	\$0	\$75,000

Project No: SL09	Starkey Anclote Ranch Easement Access Road			
Region: Tampa Bay	Project Category: Land Management Projects			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project consists of improving an access easement road from Rangeland Blvd to the Anclote Ranch tract of Starkey Preserve (Anclote Ranch). The easement improvements being proposed will provide long-term and reliable access to the Anclote Ranch. This improvement is required for the District to have all-weather access to conduct land management activities as well as for emergency response in the event of wildfires or search and rescue missions. The land management activities the District employs on this tract includes repair/maintenance of roads, culverts, wet crossings, and bridges; wildland fire activities; restoration and enhancement projects; invasive exotics treatments; and timber harvests to allow for long term management of this conservation land tract.			
Benefit:	The improvements to the roads, culverts, and wet crossings will assist with staff efficiently meeting statutory land management requirements.			
Cost:	Total project cost: \$100,000 District: \$100,000 with \$100,000 requested in FY2024.			
Evaluation				
Resource Benefit:	Reliable access is necessary for staff to conduct land management activities referenced previously.			
Cost Effectiveness:	The construction will primarily be performed by contracted labor secured by using the District's existing procurement policies. The costs are appropriate based on past competitive bids and spending history on conservation lands.			
Project Readiness:	Project construction will be ready to start in the beginning of FY2024.			
Strategic Goals				
Strategic Initiatives:	- Conservation and Restoration			
Regional Priorities:	- None			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$0	\$100,000	\$0	\$100,000
Total	\$0	\$100,000	\$0	\$100,000

Project No: SL99	USDA Old World Climbing Fern Bio-control			
Region: Districtwide	Project Category: Land Management Projects			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	The invasive plant Old World Climbing Fern (OWCF) is expanding rapidly on District conservation lands resulting in negative impacts to native plant communities, wildlife habitat and fire behavior. Herbicide control is currently the only feasible control method, but it is expensive and labor intensive. These funds are to continue a three-year agreement (year 2 of 3) with the U. S. Department of Agriculture (USDA), Agricultural Research Service (ARS) to support efforts to find and develop effective biocontrol agents for OWCF. Funding covers development of agents, mass rearing, releases on District conservation lands, and monitoring of the biocontrol agents.			
Benefit:	As OWCF continues to expand northward into Central Florida, additional District conservation lands in the northern portion of the District will be affected. Hundreds of infestations have been detected and treated in the Green Swamp which provides an excellent habitat for OWCF. Infestations have been detected on 19 of the District's Conservation Lands. Developing and introducing effective biological control agents would result in a long-term management solution that would reduce the resources (materials, services, and labor) required to protect and preserve District conservation lands.			
Cost:	Total project cost: \$240,000 District: \$240,000 with \$80,000 budgeted in prior years, \$80,000 requested in FY2024, and \$80,000 anticipated to be requested in future years.			
Evaluation				
Resource Benefit:	Resources required to control OWCF on District lands are increasing, and in some difficult to access areas where herbicide control is not feasible. This trend will continue as existing OWCF infestations on District lands in southern and central portions of the District worsen and properties in the northern portion of the District become infested. OWCF is also negatively impacting privately-owned lands. Once released, biocontrol agents (moths, beetles, stem borers, etc.) can freely move about, potentially providing control in difficult to access areas where herbicide control is not feasible and on affected private lands.			
Cost Effectiveness:	Finding effective and safe biocontrol agents is expensive as it requires overseas research to locate potential agents, research in approved quarantine facilities in the U.S. (Ft. Lauderdale) to determine mass rearing techniques, document effectiveness and determine that they will not harm non-targeted species. Additionally, there is a complex process to get required approval from several federal agencies to release biocontrol agents. For these reasons, this process is handled by the USDA-ARS with financial support from stakeholders such as the District.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Conservation and Restoration			
Regional Priorities:	- None			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$80,000	\$80,000	\$80,000	\$240,000
Total	\$80,000	\$80,000	\$80,000	\$240,000

Project No: SN99	USDA Cogon Grass Bio-control			
Region: Districtwide	Project Category: Land Management Projects			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	The invasive plant Cogon Grass is a highly invasive plant species which infests District conservation lands resulting in negative impacts to native plant communities, wildlife habitat and fire behavior. Herbicide control is currently the only feasible control method, but it is expensive and labor intensive. These funds are to enter into a new three-year agreement (year 1 of 3) with the U. S. Department of Agriculture (USDA), Agricultural Research Service (ARS) to support efforts to find and develop effective biocontrol agents for Cogon Grass. Funding covers development of agents, mass rearing, releases on District conservation lands, and monitoring of the biocontrol agents.			
Benefit:	The District treats Cogon Grass infestations on hundreds of acres every year. Infestations have been detected on all of the District's Conservation Lands. Developing and introducing effective biological control agents would result in a long-term management solution that would reduce the resources (costs and manpower) required to protect and preserve District conservation lands. Currently, Cogon Grass makes up approximately 48% of all invasive plant species recorded on District conservation land.			
Cost:	Total project cost: \$120,000 District: \$120,000 with \$40,000 requested in FY2024, and \$80,000 anticipated to be requested in future years.			
Evaluation				
Resource Benefit:	Resources required to control Cogon Grass on District lands are increasing. This trend will continue as new Cogon Grass infestations are located on District lands. Additionally, Cogon Grass negatively impacts other public lands and privately-owned lands. Once released, biocontrol agents (moths, beetles, stem borers, etc.) can freely move about, potentially providing control in difficult to access areas where herbicide control is not feasible and on affected private lands.			
Cost Effectiveness:	Finding effective and safe biocontrol agents is expensive as it requires overseas research to locate potential agents, research in approved quarantine facilities in the U.S. (Ft. Lauderdale) to determine mass rearing techniques, document effectiveness and determine that they will not harm non-targeted species. Additionally, there is a complex process to get required approval from several federal agencies to release biocontrol agents. For these reasons, this process is handled by the USDA-ARS with financial support from stakeholders such as the District.			
Project Readiness:	Project will be ready at the start of FY2024.			
Strategic Goals				
Strategic Initiatives:	- Conservation and Restoration			
Regional Priorities:	- None			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$0	\$40,000	\$80,000	\$120,000
Total	\$0	\$40,000	\$80,000	\$120,000

Project No: B888	Engineering Services for Water Control Structures			
Region: Districtwide	Project Category: Structure Operation & Maintenance			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☐	Natural Systems: ☒	Flood Protection: ☒
Description				
Description:	This request is for engineering design and other professional consultant services associated with projects identified in the District's Capital Improvement Plan (CIP). Services may include development and management of planning documents, design plans, technical specifications, permitting, cost estimating, bidding services, construction management, construction inspections, and other professional services in support of the District's flood control and water conservation structure CIPs. As CIP projects are prioritized, funds will be transferred to the specific project.			
Benefit:	Dedicating funding for design and construction services to maintain and improve the District's water control and water conservation infrastructure is critical so the District can continue to provide the level of service and intended benefits the infrastructure provides for flood protection and natural systems.			
Cost:	Total FY2024 request: \$600,000 District: \$600,000			
Evaluation				
Resource Benefit:	This project will allow the District to better prioritize and more efficiently allocate funding for the design of various capital improvement projects of District-owned water control structures.			
Cost Effectiveness:	The cost of these consultant services will be comparable to rates charged in similar capital improvement projects.			
Project Readiness:	The project is ready to begin October 1, 2023.			
Strategic Goals				
Strategic Initiatives:	- Floodplain Management - Flood Protection Maintenance and Improvement - Emergency Flood Response			
Regional Priorities:	- None			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$600,000	Annual Request	\$600,000
Total	Annual Request	\$600,000	Annual Request	\$600,000

Project No: P243	Districtwide Regulation Model Steady State & Transient Calibrations			
Region: Districtwide	Project Category: Water Use Permitting			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☐	Natural Systems: ☐	Flood Protection: ☐
Description				
Description:	This is an ongoing project to update the existing Districtwide Regulation Models (DWRM3 and DWRM4). The existing model versions were recently calibrated to steady-state and transient conditions (2005 and 1996 through 2014, respectively). A peer review of the models will be completed using FY2023 funds and suggested changes/enhancements to the models shall be performed in FY2024 to complete the model updates.			
Benefit:	DWRM3 and DWRM4 are major modeling tools for the District, that are used for core business practices including water use permitting and water resource evaluation. Independent peer review of these models may require specific enhancements of the conceptualization, input parameters, calibration results, and utilities. Completion of the suggested enhancements will ensure confidence in the models for District staff and water resource consultants.			
Cost:	Total project cost: \$495,000 District: \$495,000 with \$435,000 budgeted in prior years, and \$60,000 requested in FY2024.			
Evaluation				
Resource Benefit:	Protection of water resources with accurate evaluation of resource impacts resulting from existing permitted and future groundwater withdrawals using peer reviewed and enhanced DWRM models.			
Cost Effectiveness:	Cost is reasonable for the scope of the consulting services. The project costs are consistent with the range of costs for similarly funded District projects.			
Project Readiness:	Project is ongoing and contingent upon completion of the DWRM3 and DWRM4 peer review. Successful completion of a peer review of the model will dictate the funding needs for future years.			
Strategic Goals				
Strategic Initiatives:	- Regional Water Supply Planning - Alternative Water Supplies - Conservation - Minimum Flows and Levels Establishment and Monitoring			
Regional Priorities:	- Northern: Ensure long-term sustainable water supply. - Tampa Bay: Implement the Lower Hillsborough River MFLs Recovery Strategy and Monitor Other MFLs. - Heartland: Implement SWUCA Recovery Strategy. - Southern: Implement SWUCA Recovery Strategy.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$435,000	\$60,000	\$0	\$495,000
Total	\$435,000	\$60,000	\$0	\$495,000

Project No: P443	Dover/Plant City Automatic Meter Reading Program			
Region: Tampa Bay	Project Category: Water Use Permitting			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☐	Natural Systems: ☐	Flood Protection: ☐
Description				
Description:	The Dover/Plant City Water Use Caution Area (DPCWUCA) was created in 2011. These rules include water withdrawal metering and reporting requirements that the District funded for existing agricultural permit holders. Metering was required for all frost/freeze protection that use groundwater and/or surface water. The installation of automatic meter reading (AMR) devices was also required. This required 539 flow meters and 873 AMR devices associated with 455 water use permits within the DPCWUCA. The installation of flow meters was accomplished through a reimbursement program where the permittee was responsible for the flow meter installation and reimbursement. The installation of AMR devices was performed by District contracted services. The installation of flow meters was completed by December 31, 2018, and the installation of the AMR devices was completed by September 30, 2020. The first phase of the program was extended to allow for replacement of 457 3G modems with 4G Verizon compatible modems. The second phase of the contract, which began October 1, 2019, includes limited AMR, and retrofit kit installations. The second phase of the program will last a duration of five-years. The third phase of the program will be executed with a start date of October 1, 2024 and will last a duration of five-years. The third phase of the program will include limited AMR installations and flow-comm installations.			
Benefit:	This program will enable the District to collect accurate and timely pumpage data from permittees within the DPCWUCA. This will ensure consistent data and eliminate the cost of programming the ePermitting system to accept various data formats.			
Cost:	Total project cost: \$590,796 District: \$590,796 with \$457,311 budgeted in prior years, and \$133,485 requested in FY2024. *Funding for the first phase is excluded from the total project costs shown here since it is complete. **Funding for the third phase is excluded from the total project costs and future funding costs shown here since it will not be requested until FY2025.			
Evaluation				
Resource Benefit:	This information will be used by staff to make resource decisions related to water allocation, well mitigation responsibilities, permit compliance, and groundwater modeling.			
Cost Effectiveness:	Funding request is for limited new AMR device installations and possible contract transfer that will be performed in FY2024 as part of the final year of the second phase of the program.			
Project Readiness:	Program is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Regional Water Supply Planning - Minimum Flows and Levels Establishment and Monitoring			
Regional Priorities:	- Northern: Ensure long-term sustainable water supply. - Tampa Bay: Implement the Lower Hillsborough River MFLs Recovery Strategy and Monitor Other MFLs.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District.	\$457,311	\$133,485	\$0	\$590,796
Total	\$457,311	\$133,485	\$0	\$590,796

Project No: B277	Florida Water Star Builder Conservation Education Program			
Region: Districtwide	Project Category: Water Resource Education			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☒	Natural Systems: ☐	Flood Protection: ☐
Description				
Description:	Florida Water Star (FWS) is a voluntary statewide water conservation certification program for new and existing homes and commercial developments. To achieve certification, buildings must meet specific water saving criteria inside and outside the property. The program educates the building industry about water efficient building practices and provides incentives to make these practices common to the marketplace. In addition, the program offers opportunities for local governments and municipalities to reduce water consumption through incorporating FWS criteria into ordinances and building codes. Funding will be used for industry professionals training and program promotion, including a public service advertising campaign that encourages homebuyers to ask their builders and realtors about FWS when purchasing a new home.			
Benefit:	This project supports the District's Strategic Plan by reducing residential and commercial water use and helps to improve water quality by reducing polluted stormwater runoff in the building industry. Water use is reduced through the installation of WaterSense and ENERGY Star rated fixtures and appliances, as well as through the installation of drought tolerant plants, a reduction in high volume irrigation and the installation of water efficient irrigation components. Water quality is benefited through the reduction of fertilizers and pesticides that would typically enter water bodies through stormwater runoff.			
Cost:	Total FY2024 request: \$32,300 District: \$32,300			
Evaluation				
Resource Benefit:	Through education and outreach to builders and developers, as well as irrigation and landscape designers and installers, this project reduces water use and stormwater runoff throughout the District. Based on estimates, a FWS certified home uses approximately 48,301 gallons of water less per year compared to a home meeting Florida state code requirements and 100 percent high volume irrigation, which is traditionally seen in Florida. In addition, two examples of quantified results illustrate program benefits: 1) a Polk County commercial property used 76 percent less water than a similar property in the same area in a one year period; and 2) a retrofit project for a FWS-certified apartment building in Pasco County showed water savings of 1.3 million gallons or 55.73 percent in a one-year time period compared to a baseline conducted prior to the onset of the retrofit project.			
Cost Effectiveness:	Assuming a 10-year life and \$1,400 cost per implementation, the cost per 1,000 gallons of water saved is \$4.32.			
Project Readiness:	Program is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Conservation - Water Quality Maintenance and Improvement			
Regional Priorities:	- Northern: Ensure long-term sustainable water supply. - Tampa Bay: Implement the Lower Hillsborough River MFLs Recovery Strategy and Monitor Other MFLs. - Tampa Bay: Improve Tampa Bay and lakes Seminole, Tarpon and Thonotosassa. - Heartland: Implement SWUCA Recovery Strategy. - Heartland: Improve Winter Haven Chain of Lakes and Ridge Lakes. - Southern: Implement SWUCA Recovery Strategy. - Southern: Improve Charlotte Harbor, Sarasota Bay, Shell/Prairie/Joshua creeks.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$32,300	Annual Request	\$32,300
Total	Annual Request	\$32,300	Annual Request	\$32,300

Project No: P259	Youth Water Resources Education Program			
Region: Districtwide	Project Category: Water Resource Education			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☒	Natural Systems: ☒	Flood Protection: ☒
Description				
Description:	Each year, this program educates an estimated 125,000 students and teachers about freshwater resources through Splash! school grants, grade-level field trip programs, teacher trainings, the Envirothon and other hands on programming in 15 county school districts. The program also offers additional educational resources to help increase students' knowledge of freshwater resources, such as publications, electronic teaching tools and water test kits. Project pre and post tests confirm an average water resources knowledge gain of 30 percent in participating students.			
Benefit:	This program helps fulfill the District's Strategic Plan, which includes engagement through outreach and education under the Core Business Processes. In eight counties, school districts have incorporated District materials into their curriculum, ensuring across the board student impacts. District grants, field trips and education materials are the catalyst for a level of water resources education that would not occur without this program.			
Cost:	Total FY2024 request: \$548,525 District: \$548,525 FY2024 funding will be used for: - Contracted Services for District Projects: Teacher training and curriculum tool development (\$18,525) - District Grants: Programming in 15 county school districts for students and teachers (\$530,000)			
Evaluation				
Resource Benefit:	Research shows that hands on learning experiences, like those incorporated in this program, are more likely to result in sustainable knowledge gain and behavior change by instilling in students at a young age the importance of water resources protection and conservation. By promoting the conservation and protection of water resources, the District delays the need for initiating costly water resource development or restoration projects.			
Cost Effectiveness:	The annual cost and reach of this program averages out to \$3.43 per student reached			
Project Readiness:	Program is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Conservation - Water Quality Maintenance and Improvement			
Regional Priorities:	- Northern: Ensure long-term sustainable water supply. - Tampa Bay: Implement the Lower Hillsborough River MFLs Recovery Strategy and Monitor Other MFLs. - Tampa Bay: Improve Tampa Bay and lakes Seminole, Tarpon and Thonotosassa. - Heartland: Implement SWUCA Recovery Strategy. - Heartland: Improve Winter Haven Chain of Lakes and Ridge Lakes. - Southern: Implement SWUCA Recovery Strategy. - Southern: Improve Charlotte Harbor, Sarasota Bay, Shell/Prairie/Joshua creeks.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$548,525	Annual Request	\$548,525
Total	Annual Request	\$548,525	Annual Request	\$548,525

Project No: P268	Public Water Resources Education Program			
Region: Districtwide	Project Category: Water Resource Education			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☒	Natural Systems: ☒	Flood Protection: ☒
Description				
Description:	This program educates the public about the District's core mission through 1) decision-maker water schools; and 2) public service announcements through social media.			
Benefit:	This program helps fulfill the District's Strategic Plan, which includes engagement through outreach and education under the Core Business Processes. Decision-maker water schools provide elected officials, community leaders, and other decision makers with factual information about their county's water resources and encourage improved public policy and decision-making regarding water resource issues. Social Media allows the District to send information to the public in a timely, cost-efficient manner. The District's social media platforms are used to communicate the District's mission, goals and culture.			
Cost:	Total FY2024 request: \$10,000 District: \$10,000 FY2024 funding will be used for: - Contracted Services for District Projects: Public service announcements (\$5,000) - District Grants: Decision-maker water schools with government agencies (\$5,000)			
Evaluation				
Resource Benefit:	By promoting the conservation and protection of water resources, the District delays the need for developing costly water resource development or restoration projects.			
Cost Effectiveness:	Through these outreach efforts, approximately 3.3 million people were reached with messaging in FY2022 at a cost less than \$.01 per person reached. On average, annually the decision-maker water schools educate around 400 elected officials, municipal and county staff, stakeholders and the general public at a cost of \$13.75 per person.			
Project Readiness:	Program is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Conservation			
Regional Priorities:	- Northern: Ensure long-term sustainable water supply. - Tampa Bay: Implement the Lower Hillsborough River MFLs Recovery Strategy and Monitor Other MFLs. - Tampa Bay: Improve Tampa Bay and lakes Seminole, Tarpon and Thonotosassa. - Heartland: Implement SWUCA Recovery Strategy. - Heartland: Improve Winter Haven Chain of Lakes and Ridge Lakes. - Southern: Implement SWUCA Recovery Strategy. - Southern: Improve Charlotte Harbor, Sarasota Bay, Shell/Prairie/Joshua creeks.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$10,000	Annual Request	\$10,000
Total	Annual Request	\$10,000	Annual Request	\$10,000

Project No: P269	Conservation Education Program			
Region: Districtwide	Project Category: Water Resource Education			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☐	Natural Systems: ☐	Flood Protection: ☐
Description				
Description:	The District will coordinate with targeted utilities, UF/IFAS Extension offices or homeowner associations to develop, implement, fund and evaluate educational outreach projects that help to increase residents' knowledge and, ultimately, behaviors that lead to water conservation. When possible, water savings will be calculated, and social marketing research used to report behavior change and aid in the development of campaign messages and educational materials. Examples of potential costs can include, but are not limited to, online survey website fees, advertisements, signage, research contractor, printing, exhibits, postage, irrigation evaluations, demonstration landscapes, etc.			
Benefit:	The Conservation Education Program (CEP) supports the District's mission to ensure the public's water needs are met and the District's strategic goal to enhance efficiencies in all water-use sectors to ensure beneficial use. It was established as a solution to utility feedback received during Water Conservation Initiative team meetings. Utilities recognized that residential education is needed to help reduce water use. However, utilities expressed that they had limited staff time, funding and expertise to implement effective, widespread and long-term educational programs. The CEP aims to enable utilities, Extension offices and homeowner associations to implement educational projects that may not otherwise be implemented due to the identified barriers.			
Cost:	Total FY2024 request: \$20,000 District: \$20,000			
Evaluation				
Resource Benefit:	Conservation education for residential customers will encourage behaviors that reduce water use. Primary outreach will be conducted to utilities within high per capita areas. Pending project type, the District will be collecting water use data to effectively determine quantifiable water savings resulting from program implementation.			
Cost Effectiveness:	To be determined, dependent on project type.			
Project Readiness:	Program is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Conservation			
Regional Priorities:	- Northern: Ensure long-term sustainable water supply. - Tampa Bay: Implement the Lower Hillsborough River MFLs Recovery Strategy and Monitor Other MFLs. - Heartland: Implement SWUCA Recovery Strategy. - Southern: Implement SWUCA Recovery Strategy.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$20,000	Annual Request	\$20,000
Total	Annual Request	\$20,000	Annual Request	\$20,000

Project No: W466	Springs Protection Outreach Program			
Region: Districtwide	Project Category: Water Resource Education			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☒	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project implements strategic communications plans that position the District as the leading scientific agency taking the right actions to improve the health of local springs and promotes actions the public can do to reduce ecological impacts caused by recreation. The project occurs in Citrus, Hernando and Marion counties where five first-magnitude springs are located. Messaging targets the media, elected officials, stakeholders, citizen groups and the general public about what the District is doing to address springs issues and what residents can do to help. Specific outreach is achieved through media coordination, special events, social media, email, project webpages and signage.			
Benefit:	This project is implemented in close coordination with staff in the District's Surface Water Improvement and Management (SWIM) Program to provide increased public awareness about the District's efforts to protect springs, while educating stakeholders and the general public on how they can help. Improving springs is a regional priority in the District's Strategic Plan, and the community support and involvement implemented through this project is key in helping the District meet this priority. Additionally, communications and education are a component of the District's Springs Management Plan and is facilitated through this program. All five first-magnitude springs in the District are designated SWIM priority water bodies and this project helps meet those goals and objectives as well.			
Cost:	Total FY2024 request: \$30,000 District: \$30,000			
Evaluation				
Resource Benefit:	Through education and outreach, this project benefits all five first-magnitude spring systems in the District, which are all SWIM priority waterbodies. It benefits the springsheds and surface waterbodies of these natural systems by educating the media, elected officials, stakeholders, citizen groups and the general public about how they can help protect springs.			
Cost Effectiveness:	Through these outreach efforts, more than 1.6 million people were reached with messaging in FY2022 at a cost less than \$.01 per person reached.			
Project Readiness:	Program is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Conservation			
Regional Priorities:	- Northern: Improve Chassahowitzka River, Crystal River/Kings Bay, Homosassa River, Rainbow River and Weeki Wachee River and associated springs.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$30,000	Annual Request	\$30,000
Total	Annual Request	\$30,000	Annual Request	\$30,000

Project No. Q272		AWS - PRMRWSA Peace River Regional Reservoir No. 3			
PRMRWSA		FY2024			
Risk Level:	Type 2		Multi-Year Contract: Yes, Year 3 of 7		
Description					
Description:	Third-party review (TPR), design, permitting, and construction of the Peace River Reservoir No. 3 project including a 9 billion-gallon, off-stream raw water storage reservoir, new river intake pump station, new reservoir pump station, and new conveyance pipelines to transport water from the new pumping station to the reservoir and treatment facility. The project will couple with a future treatment facility expansion project to meet regional demands with alternative water sources in the SWUCA. FY2022 funding was approved for 30% design and TPR. The District required a TPR, as this project has a conceptual cost greater than \$5 million. FY2024 funding is requested to complete design and construction.				
Measurable Benefit:	The contractual measurable benefit will be the construction of a 9 billion gallon reservoir and associated infrastructure that will expand storage capacity needed to meet regional demands with AWS sources through 2042. Construction will be done in accordance with permitted plans.				
Costs:	Total conceptual project cost: \$551,655,000 (design, permitting, TPR, and construction), initial board-approved project amount \$231,400,000 Authority: \$428,705,000 District: \$115,700,000 with \$3,625,000 budgeted in previous years, \$15,057,867 requested in FY2024, and \$97,017,133 anticipated to be requested in future years. FDEP: \$7,250,000				
Evaluation					
Initial Application Quality:	All information identified in the CFI Guidelines was provided at the time of application.				
Project Benefit:	Substantial resource benefit expected from 9 billion gallons of off-stream storage to meet regional water supply demands while reducing stress on the Upper Floridan aquifer, lakes, and wetlands.				
Cost Effectiveness:	The initial cost estimate for the project is preliminary and will be refined as the project moves through the design phase and TPR. The TPR work is scheduled to be completed in FY 2023.				
Past Performance:	Based upon an assessment of the schedule and budget for the 6 ongoing projects.				
Complementary Efforts:	Applicant has complementary efforts that promotes water conservation via education/outreach with the public and member governments.				
Project Readiness:	Project is ongoing and on schedule.				
Strategic Goals					
Strategic Goals:	Strategic Initiative - Alternative Water Supply: Increase development of alternative sources of water to ensure groundwater and surface water sustainability Southern Region Priority: Implement Southern Water Use Caution Area (SWUCA) Recovery Strategy.				
Overall Ranking and Recommendation					
AWS	It is anticipated that 30 percent design and TPR will be completed in FY2023. Contractually, the PRMRWSA will need Governing Board approval to proceed beyond this task. Anticipating favorable information from the third-party review, and with the understanding that the Governing Board will need to provide approval to proceed, Staff is recommending FY2024 funding to complete design and continue with construction. The project will assist in meeting regional water supply demands and implementation of SWUCA Recovery Strategy. Total conceptual project cost shown is consistent with information presented at the November 2022 Governing Board Workshop. Updated cost estimates will be presented with the TPR to the Governing Board.				
Funding					
Funding Source		Prior	FY2024	Future	Total*
District		\$3,625,000	\$15,057,867	\$97,017,133	\$115,700,000
PRMRWSA		\$3,625,000	\$59,442,133	\$365,637,867	\$428,705,000
FDEP		\$7,250,000	\$0	\$0	\$7,250,000
Total		\$14,500,000	\$74,500,000	\$462,655,000	\$551,655,000

*Conceptual cost estimate, subject to Governing Board Approval

Project No. Q313		Interconnects – PRMRWSA Regional Integrated Loop System Phase 3C			
PRMRWSA					
Risk Level:		Type 2	Multi-Year Contract: Yes, Year 2 of 3		
Description					
Description:	Third-Party Review (TPR), design, permitting and construction of a potable water transmission interconnection to supply additional alternative water, a booster pump and underground storage tank are included. This interconnect is part of the Regional Integrated Loop System to extend the system further north from its current terminus at Clark Road (SR-72) to Fruitville Road. This segment will be approximately 10 miles long and expected to have a max day capacity of 40 MGD to supply anticipated demand from a high growth area in Sarasota County. This project is a follow-up project to Q205, PRMRWSA Phase 3C Integrated Loop Routing Feasibility Study. FY2024 funds are for design and construction.				
Measurable Benefit:	The contractual measurable benefit is the design, permitting, testing and construction of the pipeline, underground storage tank, and booster pump. Including the completion of an independent performance evaluation.				
Costs:	Total conceptual cost: \$67,600,000 (design, third-party review, permitting, and construction), initial board-approved project amount \$53,100,000 PRMRWSA: \$38,550,000 District: \$26,550,000 with \$2,500,000 budgeted in previous fiscal years, \$10,744,319 requested in FY2024, and \$13,305,681 anticipated to be requested in future years. FDEP: \$2,500,000 with \$2,500,000 awarded in FY2023				
Evaluation					
Initial Application Quality:	All Information identified in the CFI guidelines was provided at the time of application.				
Project Benefit:	The benefit of this project is the construction of a max day capacity of 40MGD regional potable water transmission pipeline to supply alternative water to a high growth area of Sarasota County.				
Cost Effectiveness:	The initial total cost estimate for the project is preliminary and will be refined as the project moves through the design phase and TPR. The TPR work is scheduled to be completed in FY2023.				
Past Performance:	Based upon an assessment of the schedule and budget for the 6 ongoing projects.				
Complementary Efforts:	Applicant has complementary efforts that promotes water conservation via education/outreach with the public and member governments.				
Project Readiness:	Project is ongoing and on schedule.				
Strategic Goals					
Strategic Goals:	Strategic Initiative - Alternative Water Supply: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Southern Region Priority: Implement Southern Water Use Caution Area (SWUCA) Recovery Strategy.				
Overall Ranking and Recommendation					
AWS	It is anticipated that the 30% design and the TPR will be completed in FY2023. Contractually, PRMRWSA will need Governing Board approval to proceed beyond this task. Anticipating favorable information from the TPR, and with the understanding that the Governing Board will need to provide approval to proceed, staff is recommending FY2024 funding for design and construction. Total conceptual project cost shown is consistent with information presented at the November 2022 Governing Board Workshop. Updated cost estimates will be presented with the TPR to the Governing Board.				
Funding					
Funding Source		Prior	FY2024	Future	Total*
District		\$2,500,000	\$10,744,319	\$13,305,681	\$26,550,000
PRMRWSA		\$2,500,000	\$18,115,681	\$17,934,319	\$38,550,000
FDEP		\$2,500,000	\$0	\$0	\$2,500,000
Total		\$7,500,000	\$28,860,000	\$31,240,000	\$67,600,000

*Conceptual cost estimate, subject to Governing Board Approval

Project No. Q355	Interconnects – PRMRWSA Regional Integrated Loop System Phase 2B			
PRMRWSA	FY2024			
Risk Level: Type 2		Multi-Year Contract: Yes, Year 2 of 4		
Description				
Description:	Third-party review (TPR), design, permitting, and construction of a potable water transmission interconnection to supply additional alternative water. This interconnect is part of the Regional Integrated Loop System to extend the system south from Serris Boulevard to Gulf Cove Water Booster Pump Station in Charlotte County. Phase 2B is approximately 13 miles long and is expected to have a max daily capacity of 40 MGD. The pipeline will deliver only alternative water supplies under normal operating conditions. District funding in FY2023 included 30% design and TPR, as the project has a conceptual cost greater than \$5 million dollars. The FY2024 funding request is to complete design and construction.			
Measurable Benefit:	The contractual Measurable Benefit will be the construction of an approximately 13 mile long, potable water transmission interconnection, with a max daily capacity of 40 MGD. The system is being constructed to supply additional alternative water and will be done in accordance with the permitted plans.			
Costs:	Total conceptual project cost: \$73,000,000 (design, third-party review, permitting, and construction), initial board-approved project amount \$72,300,000 PRMRWSA: \$35,750,000 FDEP: \$1,500,000 with \$1,500,000 awarded in FY2023. District: \$35,750,000 with \$1,500,000 budgeted in previous years, \$13,896,094 requested in FY2024, and \$20,353,906 anticipated to be requested in future years.			
Evaluation				
Initial Application Quality:	All information identified in the CFI guidelines was provided at the time of application.			
Project Benefit:	The benefit of this project, if constructed, will be to provide alternative water supplies to high growth areas of Charlotte County.			
Cost Effectiveness:	The initial total cost estimate for the project is preliminary and will be refined as the project moves through the design phase and TPR. The TPR work is scheduled to be completed in FY2023.			
Past Performance:	Based upon an assessment of the schedule and budget for the 6 ongoing projects.			
Complementary Efforts:	Applicant has the complementary efforts of promotes water conservation via education/outreach with the public and member governments.			
Project Readiness:	Project is ongoing and on schedule.			
Strategic Goals				
Strategic Goals:	Strategic Initiative - Alternative Water Supply: Increase development of alternative sources of water to ensure groundwater and surface water sustainability Southern Region Priority: Implement Southern Water Use Caution Area (SWUCA) Recovery Strategy.			
Overall Ranking and Recommendation				
AWS	It is anticipated that the 30% design and TPR will be completed in FY2023. Contractually, the PRMRWSA will need Governing Board approval to proceed beyond this task. Anticipating favorable information from the TPR, and with the understanding that the Governing Board will need to provide approval to proceed, Staff is recommending FY2024 funding for design and construction. Total conceptual project cost shown is consistent with information presented at the November 2022 Governing Board Workshop. Updated cost estimates will be presented with the TPR to the Governing Board.			
Funding				
Funding Source	Prior	FY2024	Future	Total*
District	\$1,500,000	\$13,896,094	\$20,353,906	\$35,750,000
PRMRWSA	\$1,500,000	\$13,896,094	\$20,353,906	\$35,750,000
FDEP	\$1,500,000	\$0	\$0	\$1,500,000
Total	\$4,500,000	\$27,792,188	\$40,707,812	\$73,000,000

*Conceptual cost estimate, subject to Governing Board Approval

Project No. Q241		Interconnects – TBW Southern Hillsborough County Transmission Expansion			
Tampa Bay Water		FY2024			
Risk Level: Type 2		Multi-Year Contract: Yes, Year 3 of 8			
Description					
Description:	Third-party Review (TPR), design, permitting, and construction of a potable water transmission interconnection to supply additional alternative water from Tampa Bay Water's High Service Pump Station to Hillsborough County. The transmission interconnection will be approximately 26 miles long and expected to have a maximum day capacity of 65 MGD. The pipeline will deliver only alternative water supplies under normal operating conditions. District funding in FY 2022 included 30% design and TPR as this project has a conceptual construction estimate greater than \$5 million dollars. Funding in FY2024 will support construction costs.				
Measurable Benefit:	The Measurable Benefit, which will be the contractual requirement, is the construction of a potable water interconnect to deliver an estimated 65 MGD maximum day capacity of alternative water supplies, promote regional resource management efforts, and support water supply goals within the Tampa Bay region.				
Costs:	Total conceptual cost: \$426,000,000 (TPR, design, permitting, and construction), initial board-approved project amount \$290,108,000 Tampa Bay Water: \$278,046,000 FDEP: \$2,900,000 with \$2,900,000 awarded in FY2023 District: \$145,054,000 with \$7,359,207 requested in previous years, \$5,000,000 in FY2024, and \$132,694,793 anticipated to be requested in future years.				
Evaluation					
Initial Application Quality:	Application included all the required information identified in the CFI Guidelines				
Project Benefit:	The benefit of this project, if constructed, will be to provide alternative water supplies to a high growth are of Tampa Bay Water.				
Cost Effectiveness:	The initial total cost estimate for the project is preliminary and will be refined as the project moves through the design phase and TPR. The TPR work is scheduled to be completed in FY2023.				
Past Performance:	Based upon an assessment of the schedule and budget for the 7 ongoing projects.				
Complementary Efforts:	Applicant has the complementary efforts of a demand management plan, an active conservation program, and promotes water conservation via education/outreach with the public and member governments.				
Project Readiness:	The project is ongoing and on schedule.				
Strategic Goals					
Strategic Goals:	Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery Strategies.				
Overall Ranking and Recommendation					
AWS	It is anticipated that post 30% design and permitting will be ongoing in FY2024. Contractually, Tampa Bay Water will need Governing Board approval to proceed beyond this task. Anticipating favorable information from the third-party review, and with the understanding that the Governing Board will need to provide approval to proceed, Staff is recommending FY2024 funding to continue design plans. Total conceptual project cost shown is consistent with information presented at the November 2022 Governing Board Workshop. Updated cost estimates will be presented with the TPR to the Governing Board.				
Funding					
Funding Source		Prior	FY2024	Future	Total*
District		\$7,359,207	\$5,000,000	\$132,694,793	\$145,054,000
Tampa Bay Water		\$7,359,207	\$5,000,000	\$265,686,793	\$278,046,000
FDEP		\$2,900,000	\$0	\$0	\$2,900,000
Total		\$17,618,414	\$10,000,000	\$398,381,586	\$426,000,000

*Conceptual cost estimate, subject to Governing Board Approval

Project No. Q230		WMP – Gum Swamp & Big Jones Creek Watershed Management Plan Update			
Marion County					
Risk Level:	Type 4		Multi-Year Contract: Yes, Year 3 of 4		
Description					
Description:	Complete a Watershed Management Plan (WMP) update for Gum Swamp & Big Jones Creek Watershed in Marion County, including watershed evaluation, floodplain analysis, and alternatives analysis. FY2024 funding will be used to continue the floodplain analysis.				
Measurable Benefit:	The contractual Measurable Benefit will be the completion of an updated WMP and floodplain delineation using digital topographic information, ERP data, and land use updates.				
Costs:	Total project cost (initial board-approved project amount): \$1,015,000 Marion County: \$507,500 District: \$507,500 with \$253,750 budgeted in previous years, \$126,875 requested in FY2024, and \$126,875 anticipated to be requested for future funding.				
Evaluation					
Initial Application Quality:	Application included all the required information identified in the CFI Guidelines.				
Project Benefit:	The WMP will re-evaluate flooding problems that exist in the watershed. Currently flood analysis models are available, the watershed has experienced moderate changes since last study, and the watershed includes regional or intermediate stormwater systems.				
Cost Effectiveness:	Project cost per square mile is within the mid-range of historic costs (\$15,001-\$22,000 / sq. mile) for WMP updates completed in mixed watersheds.				
Past Performance:	Based upon an assessment of the schedule and budget for the 2 ongoing projects.				
Complementary Efforts:	Cooperator's Community Rating System is 7 and is in the 6-9 range.				
Project Readiness:	Project is ongoing and on schedule.				
Strategic Goals					
Strategic Goals:	Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives.				
Overall Ranking and Recommendation					
1A	This ongoing project updates flood risk in an area with existing flood analysis that is 5 to 10 years old. The resulting product will be utilized for flood zone determination, to help implement solutions that alleviate flood risk, and to enhance the planning of future development in the project.				
Funding					
Funding Source		Prior	FY2024	Future	Total
District		\$253,750	\$126,875	\$126,875	\$507,500
Marion County		\$253,750	\$126,875	\$126,875	\$507,500
Total		\$507,500	\$253,750	\$253,750	\$1,015,000

Project No. Q231		WMP – Rainbow River Watershed Management Plan Update			
Marion County					
Risk Level:	Type 4		Multi-Year Contract: Yes, Year 3 of 4		
Description					
Description:	Complete a Watershed Management Plan (WMP) update for the Rainbow River Watershed in Marion County including Watershed Evaluation, floodplain analysis, and Alternative Analysis. There has been moderate development in Marion County since the last WMP update.				
Measurable Benefit:	The contractual Measurable Benefit will be the completion of an updated WMP, assessment of flood risks, floodplain delineation, and identification of hot spots for water quality projects.				
Costs:	Total Project Cost (initial board-approved project amount): \$1,538,000 Marion County: \$769,000 District: \$769,000 with \$358,800 budgeted in prior years, \$205,000 requested in FY2024, and \$205,200 anticipated to be requested in future years.				
Evaluation					
Initial Application Quality:	Application included all of the required information identified in the CFI guidelines.				
Project Benefit:	The WMP will re-evaluate flooding problems that exist in the watershed. Current flood analysis models are available. The watershed has experienced moderate changes since the last study and includes regional or intermediate stormwater systems. The Rainbow River Watershed is one of the District's top 20 priority watersheds for WMP updates.				
Cost Effectiveness:	Project cost per square mile is within the mid-range of historic costs (\$16,000-\$21,000 / sq mi) for WMP updates completed in mixed watersheds.				
Past Performance:	Based upon an assessment of the schedule and budget for the 2 ongoing projects.				
Complementary Efforts:	Cooperator's Community Rating System class is 7				
Project Readiness:	The project is ongoing and on schedule.				
Strategic Goals					
Strategic Goals:	Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Strategic Initiative - Water Quality Assessment and Planning: Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives.				
Overall Ranking and Recommendation					
1A	This ongoing project updates flood risk in an area with an existing flood analysis that is 5 to 10 years old. The project will utilize existing watershed models to complete the new floodplain analysis. The resulting product will be used for flood zone determination, to help implement solutions that alleviate flood risk and improve water quality and enhance the planning of future development in the project area. The Rainbow River Watershed is one of the Districts top 20 priority watersheds for WMP updates.				
Funding					
Funding Source		Prior	FY2024	Future	Total
District		\$358,800	\$205,000	\$205,200	\$769,000
Marion County		\$358,800	\$205,000	\$205,200	\$769,000
Total		\$717,600	\$410,000	\$410,400	\$1,538,000

Project No. Q330		WMP – West Central Marion Watershed Management Plan			
Marion County					
Risk Level:	Type 4		Multi-Year Contract: Yes, Year 2 of 4		
Description					
Description:	Complete a Watershed Management Plan (WMP) update for the Martel, Cotton Plant 1 & 2, and Blitchton Watersheds in Marion County, including Watershed Evaluation, Floodplain Analysis, and Alternatives Analysis.				
Measurable Benefit:	The contractual Measurable Benefit will be the completion of an updated WMP and floodplain delineation using digital topographic information, permit data, and land use updates.				
Costs:	Total project cost (initial board-approved project amount): \$800,000 Marion County: \$400,000 District: \$400,000 with \$100,000 requested in the previous year, \$100,000 requested for FY2024, and \$200,000 to be requested in future years.				
Evaluation					
Initial Application Quality:	All information identified in the CFI Guidelines was provided at the time of application.				
Project Benefit:	The WMP will re-evaluate flooding problems that exist in the watershed. Currently flood analysis models are available, the watershed has experienced moderate changes since last study, and the watershed includes regional or intermediate stormwater systems. The watershed is one of the District's top 20 priority watersheds for WMP updates.				
Cost Effectiveness:	Project cost per square mile is within the range of historic costs (\$19,000 - \$22,000 / sq mi) for WMP updates completed in mixed watersheds.				
Past Performance:	Based upon an assessment of the schedule and budget for the 2 ongoing projects.				
Complementary Efforts:	Cooperator's Community Rating System Class is 7.				
Project Readiness:	Project is ongoing and on schedule.				
Strategic Goals					
Strategic Goals:	Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Strategic Initiative - Water Quality Assessment and Planning: Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives.				
Overall Ranking and Recommendation					
1A	This ongoing project updates flood risk in an area with existing flood analysis that is 5 to 10 years old. The resulting product will be utilized for flood zone determination, to help implement solutions that alleviate flood risk, and to enhance the planning of future development in the project area. The watershed is one of the District's top 20 priority watersheds for WMP updates.				
Funding					
Funding Source		Prior	FY2024	Future	Total
District		\$100,000	\$100,000	\$200,000	\$400,000
Marion County		\$100,000	\$100,000	\$200,000	\$400,000
Total		\$200,000	\$200,000	\$400,000	\$800,000

Project No. Q050		ASR – City of Venice Reclaimed Water ASR			
City of Venice		FY2024			
Risk Level:	Type 3		Multi-Year Contract: Yes, Year 5 of 5		
Description					
Description:	Design, permitting, construction, testing, and independent performance evaluation (IPE) of a reclaimed water Aquifer Storage and Recovery (ASR) system (and other appurtenances) to store and recover at least 60 million gallons per year (mgy) of reclaimed water on-site at the City's Eastside Water Reclamation Facility. The ASR facility would enable the City to provide seasonal storage to better provide reclaimed water service and maximize reclaimed water utilization. Funding was previously approved for 30% design, third party review (TPR), final design, and construction permitting. The TPR was approved at the September 2021 Governing Board meeting. The FY2024 funding request is to complete construction.				
Measurable Benefit:	The contractual Measurable Benefit is the design, permitting, construction, testing, and independent performance evaluation of an ASR system that will operate for 20 years at a minimum storage and recovery rate of 60 mgy calculated using a 5-year moving average. Construction will be done in accordance with the permitted plans.				
Costs:	Total project cost (initial board-approved project amount): \$5,489,752 (design, permitting, construction, testing, TPR, and IPE) City of Venice: \$2,744,876 District: \$2,744,876 with \$2,532,500 budgeted in previous years, \$212,376 requested in FY2024.				
Evaluation					
Initial Application Quality:	Application included all the required information identified in the CFI Guidelines.				
Project Benefit:	The benefit is the seasonal storage of at least 60 mgd to supply existing and future reclaimed water customers and maximizing utilization of water in the SWUCA.				
Cost Effectiveness:	The project cost of \$5.49 million for a 2.5 mgd capacity ASR facility is more than 10 percent less expensive per mgd than a previous facility funded by the District (in 2020 dollars).				
Past Performance:	Based upon an assessment of the schedule and budget for the 2 ongoing projects.				
Complementary Efforts:	Cooperator has a program in place that includes metering and an incentivized-based reuse rate structure for high volume users. Cooperator has a program in place that has proactive reclaimed expansion policies, which maximize utilization and environmental benefits.				
Project Readiness:	Project is ongoing and on schedule.				
Strategic Goals					
Strategic Goals:	Strategic Initiative - Conservation: Enhance efficiencies in all water-use sectors to ensure beneficial use. Southern Region Priority: Implement Southern Water Use Caution Area (SWUCA) Recovery Strategy.				
Overall Ranking and Recommendation					
1A	This ongoing project is recommended for funding as it will enable the seasonal storage of reclaimed water and reduce reliance on traditional water sources in the SWUCA and is cost effective.				
Funding					
Funding Source		Prior	FY2024	Future	Total
District		\$2,532,500	\$212,376	\$0	\$2,744,876
City of Venice		\$2,532,500	\$212,376	\$0	\$2,744,876
Total		\$5,065,000	\$424,752	\$0	\$5,489,752

Project No. Q315		WMP – Piney Pointe, Bishops Harbor and Curiosity Creek WMP			
Manatee County					
Risk Level:	Type 4		Multi-Year Contract: Yes, Year 2 of 2		
Description					
Description:	Complete a Watershed Management Plan (WMP) including floodplain analysis, Stormwater Level of Service analysis (LOS), Surface Water Resource Assessment (SWRA), and Best Management Practices (BMP) alternative analysis for the Piney Pointe, Bishops Harbor, and Curiosity Creek watersheds in Manatee County. FY2024 funding will be utilized to complete the Watershed Evaluation, and Watershed Management Plan phases of the project.				
Measurable Benefit:	The contractual Measurable Benefit will be the completion of a WMP that will develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage.				
Costs:	Total project cost (initial board-approved project amount): \$1,441,500 Manatee County: \$720,750 District: \$720,750 with \$360,375 budgeted in previous years, and \$360,375 requested in FY2024.				
Evaluation					
Initial Application Quality:	Application included all the required information identified in the CFI Guidelines.				
Project Benefit:	The WMP will analyze flooding and water quality problems that exist in the watershed. Currently, flood analysis models are not available or are over 10 years old, and the watershed includes regional or intermediate stormwater systems.				
Cost Effectiveness:	Project cost per square mile is in the high-range of historic costs (between \$45,000 - \$55,000/sq. mi.) for WMPs completed in mixed watersheds.				
Past Performance:	Based upon an assessment of the schedule and budget for the 2 ongoing projects.				
Complementary Efforts:	Cooperator's Community Rating System class is 5.				
Project Readiness:	Project is ongoing and on schedule.				
Strategic Goals					
Strategic Goals:	Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Strategic Initiative - Water Quality Assessment and Planning: Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives.				
Overall Ranking and Recommendation					
1A	This ongoing project identifies flood risk in an area with limited detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality and enhance the planning of future development in the project area.				
Funding					
Funding Source		Prior	FY2024	Future	Total
District		\$360,375	\$360,375	\$0	\$720,750
Manatee County		\$360,375	\$360,375	\$0	\$720,750
Total		\$720,750	\$720,750	\$0	\$1,441,500

Project No. Q325		WMP – Buffalo Canal/Frog Creek WMP			
Manatee County					
Risk Level:		Type 4		Multi-Year Contract: Yes, Year 2 of 2	
Description					
Description:		Complete a Watershed Management Plan (WMP) including floodplain analysis, Stormwater Level of Service analysis (LOS), Surface Water Resource Assessment (SWRA), and Best Management Practices (BMP) alternative analysis for the Buffalo Canal/Frog Creek watershed in Manatee County. FY2024 funding will be utilized to complete the Watershed Evaluation, and Watershed Management Plan phases of the project.			
Measurable Benefit:		The contractual Measurable Benefit will be the completion of a WMP that will develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage.			
Costs:		Total project cost (initial board-approved project amount): \$930,000 Manatee County: \$465,000 District: \$465,000 with \$232,500 budgeted in previous years, and \$232,500 requested in FY2024.			
Evaluation					
Initial Application Quality:		Application included all the required information identified in the CFI Guidelines.			
Project Benefit:		The WMP will analyze flooding and water quality problems that exist in the watershed. Currently, flood analysis models are not available or are over 10 years old, and the watershed includes regional or intermediate stormwater systems.			
Cost Effectiveness:		Project cost per square mile is in the high-range of historic costs (between \$45,000 - \$55,000/sq. mi.) for WMP’s completed in mixed watersheds.			
Past Performance:		Based upon an assessment of the schedule and budget for the 2 ongoing projects.			
Complementary Efforts:		Cooperator's Community Rating System class is 5.			
Project Readiness:		Project is ongoing and on schedule.			
Strategic Goals					
Strategic Goals:		Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Strategic Initiative - Water Quality Assessment and Planning: Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives.			
Overall Ranking and Recommendation					
1A		This ongoing project identifies flood risk in an area with limited detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality and enhance the planning of future development in the project area.			
Funding					
Funding Source		Prior	FY2024	Future	Total
District		\$232,500	\$232,500	\$0	\$465,000
Manatee County		\$232,500	\$232,500	\$0	\$465,000
Total		\$465,000	\$465,000	\$0	\$930,000

Project No. Q329	WMP – Cedar Hammock West and South and Palma Sola WMP			
Manatee County	FY2024			
Risk Level:	Type 4	Multi-Year Contract: Yes, Year 2 of 2		
Description				
Description:	Complete a Watershed Management Plan (WMP) including floodplain analysis, Stormwater Level of Service analysis (LOS), Surface Water Resource Assessment (SWRA), and Best Management Practices (BMP) alternative analysis for the Cedar Hammock West and South, and Palma Sola watersheds in Manatee County. FY2024 funding will be utilized to complete the Watershed Evaluation, and Watershed Management Plan phases of the project.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of a WMP that will develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage.			
Costs:	Total project cost (initial board-approved project amount): \$837,000 Manatee County: \$418,500 District: \$418,500 with \$209,250 budgeted in previous years, and \$209,250 requested in FY2024.			
Evaluation				
Initial Application Quality:	Application included all the required information identified in the CFI Guidelines.			
Project Benefit:	The WMP will analyze flooding and water quality problems that exist in the watershed. Currently, flood analysis models are not available or are over 10 years old, and the watershed includes regional or intermediate stormwater systems.			
Cost Effectiveness:	Project cost per square mile is in the low-range of historic costs (less than \$66,000/sq. mi.) for WMPs completed in urban watersheds.			
Past Performance:	Based upon an assessment of the schedule and budget for the 2 ongoing projects.			
Complementary Efforts:	Cooperator's Community Rating System class is 5.			
Project Readiness:	Project is ongoing and on schedule.			
Strategic Goals				
Strategic Goals:	Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Strategic Initiative - Water Quality Assessment and Planning: Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives.			
Overall Ranking and Recommendation				
1A	This ongoing project identifies flood risk in an area with limited detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality and enhance the planning of future development in the project area.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$209,250	\$209,250	\$0	\$418,500
Manatee County	\$209,250	\$209,250	\$0	\$418,500
Total	\$418,500	\$418,500	\$0	\$837,000

Project No. Q347		WMP – Braden River WMP Update			
Manatee County					
Risk Level:		Type 4		Multi-Year Contract: Yes, Year 2 of 2	
Description					
Description:		Complete a Watershed Management Plan (WMP) update including floodplain analysis, Stormwater Level of Service analysis (LOS), Surface Water Resource Assessment (SWRA), and Best Management Practices (BMP) alternative analysis for the Braden River watershed in Manatee County. FY2024 funding will be utilized to complete the Watershed Evaluation, and Watershed Management Plan phases of the project.			
Measurable Benefit:		The contractual Measurable Benefit will be the completion of a WMP that will develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage.			
Costs:		Total project cost (initial board-approved project amount): \$2,278,500 Manatee County: \$1,139,250 District: \$1,139,250 with \$569,625 budgeted in previous years, and \$569,625 requested in FY2024.			
Evaluation					
Initial Application Quality:		Application included all the required information identified in the CFI Guidelines.			
Project Benefit:		The WMP will analyze flooding and water quality problems that exist in the watershed. Currently, flood analysis models are not available or are over 10 years old, and the watershed includes regional or intermediate stormwater systems. The Braden River watershed is one of the District's top 20 priority watersheds for WMP updates.			
Cost Effectiveness:		Project cost per square mile is in the high-range of historic costs (between \$44,000 - \$55,000/sq. mi.) for WMP updates completed in urban watersheds.			
Past Performance:		Based upon an assessment of the schedule and budget for the 2 ongoing projects.			
Complementary Efforts:		Cooperator's Community Rating System class is 5.			
Project Readiness:		Project is ongoing and on schedule.			
Strategic Goals					
Strategic Goals:		Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Strategic Initiative - Water Quality Assessment and Planning: Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives.			
Overall Ranking and Recommendation					
1A		This ongoing project identifies flood risk in an area with limited detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality and enhance the planning of future development in the project area. The Braden River watershed is one of the District's top 20 priority watersheds for WMP updates.			
Funding					
Funding Source		Prior	FY2024	Future	Total
District		\$569,625	\$569,625	\$0	\$1,139,250
Manatee County		\$569,625	\$569,625	\$0	\$1,139,250
Total		\$1,139,250	\$1,139,250	\$0	\$2,278,500

Project No. W105		SW IMP – Water Quality – Central Holmes Beach BMPs - Phases F, G, and H			
Holmes Beach					
Risk Level: Type 3		Multi-Year Contract: Yes, Year 3 of 3			
Description					
Description:		Design, permitting, and construction of stormwater retrofits in the City of Holmes Beach to improve water quality discharging to Tampa Bay, a SWIM priority water body.			
Measurable Benefit:		The contractual Measurable Benefit will be the design, permitting, and construction of stormwater retrofits to treat approximately 30 acres of highly urbanized stormwater runoff. Construction will be done in accordance with permitted plans.			
Costs:		Total project cost (initial board-approved project amount):\$1,537,500 (Design, permitting, construction) City of Holmes Beach: \$768,750 District: \$768,750, with \$512,000 budgeted in previous years, and \$256,250 requested in FY2024.			
Evaluation					
Initial Application Quality:		Application included most of the required information identified in the CFI Guidelines.			
Project Benefit:		The Resource Benefit of the project is the reduction of pollutant loads to Tampa Bay and Sarasota Bay, SWIM priority water bodies, by an estimated 284 lb/yr TN and 47 lb/yr TP. There will be no monitoring or performance testing requirements. This project will also have ancillary flood protection benefits.			
Cost Effectiveness:		The estimated cost/lb of TN removed is within the historical average range of \$225 to \$300/lb.			
Past Performance:		Based upon an assessment of the schedule and budget for the 1 ongoing project.			
Complementary Efforts:		Applicant has a Comprehensive Drainage Plan, an active stormwater utility that collects fees, street weeping and stormwater maintenance programs, and fertilizer and pet waste ordinances, an active education campaign and a Water Quality Advisory Committee.			
Project Readiness:		Project is ongoing and on schedule.			
Strategic Goals					
Strategic Goals:		Strategic Initiative - Water Quality Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve water quality. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole.			
Overall Ranking and Recommendation					
1A		This ongoing project is cost effective and improves water quality discharging to Tampa Bay, a SWIM priority water body. This project will also have ancillary flood protection benefits. The Governor's Executive Order 19-12 instructs the five water management districts to prioritize funding to focus on projects that will address harmful algal blooms and maximize nutrient reductions.			
Funding					
Funding Source		Prior	FY2024	Future	Total
District		\$512,500	\$256,250	\$0	\$768,750
Holmes Beach		\$512,500	\$256,250	\$0	\$768,750
Total		\$1,025,000	\$512,500	\$0	\$1,537,500

Project No. N850		SW IMP – Flood Protection – Sea Pines Neighborhood Flood Abatement				
Pasco County						
Risk Level:	Type 3		Multi-Year Contract: Yes, Year 4 of 5			
Description						
Description:	Land acquisition, design, permitting, and construction of a new and upgraded stormwater conveyance systems and storage ponds within the Sea Pines neighborhood in western Pasco County. Funding was approved in FY2018 for 30% design and third-party review (TPR). At their August 2022 meeting, the Governing Board approved moving forward with this project after the TPR. The FY24 request will be to continue construction.					
Measurable Benefit:	The contractual Measurable Benefit will be the design, permitting and construction of stormwater conveyance and storage systems within the Sea Pines neighborhood. Construction will be in accordance with the permitted plans.					
Costs:	Total project cost: \$7,040,318 (land acquisition, design, TPR, permitting, and construction), initial board-approved project amount \$3,300,000 Pasco County: \$5,390,318 (includes \$250,000 of land acquisition costs as funding match) District: \$1,650,000 with \$850,000 budgeted in previous years, \$550,000 requested in FY2024 and \$250,000 anticipated to be requested in future years.					
Evaluation						
Initial Application Quality:	Majority of information was provided in application.					
Project Benefit:	The Resource Benefit of this project will reduce the existing flooding problem during the 100 year, 24-hour storm event. Structure and street flooding currently occur in the project area and the project impacts the regional or intermediate drainage system.					
Cost Effectiveness:	Benefit/cost ratio is greater than 1. Benefits include avoided damages to structures and roads.					
Past Performance:	Based upon an assessment of the schedule and budget for the 14 ongoing projects.					
Complementary Efforts:	Cooperator's Community Rating System class is 6.					
Project Readiness:	Project is ongoing and on schedule.					
Strategic Goals						
Strategic Goals:	Strategic Initiative – Flood Protection Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve flood protection, and operate District flood control and conservation structures to minimize flood damage while preserving the water resource Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds.					
Overall Ranking and Recommendation						
1A	This ongoing project consists of the construction of best management practices that will reduce flood risk in the Sea Pines Community of Pasco County. It will provide flood protection for the 100 year, 24-hour event that experiences structure and street flooding and is cost effective.					
Funding						
Funding Source		Prior	FY2024	Future	Total	
District		\$850,000	\$550,000	\$250,000	\$1,650,000	
Pasco County		\$850,000	\$550,000	\$3,990,318	\$5,390,318	
Total		\$1,700,000	\$1,100,000	\$4,240,318	\$7,040,318	

Project No. N865	SW IMP – Flood Protection – Magnolia Valley Storage and Wetland Enhancement Project			
Pasco County	FY2024			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 5 of 6		
Description				
Description:	Design, permitting, and construction of the Magnolia Valley Storage and Wetland Enhancement Area. This project consists of conveyance improvements in contributing areas and excavation to provide stormwater storage and wetland enhancement on a former golf course purchased by the County as part of the previous cooperatively funded Magnolia Valley Stormwater Facility and Pump Station Project (N835). Funding was approved in FY2018 for 30% design and third-party review (TPR). At their July 2021 meeting, the Governing Board approved moving forward with this project after the TPR. The FY2024 funding request is to continue construction.			
Measurable Benefit:	The contractual Measurable Benefit will be the design, permitting and construction of stormwater storage and wetland enhancements within the Magnolia Valley contributing area. Construction will be in accordance with the permitted plans.			
Costs:	Total project cost (initial board-approved project amount): \$8,976,900* (design, TPR, permitting, and construction) *This amount was approved by the Board with the TPR. Pasco County: \$4,488,450 District: \$4,488,450 with \$950,000 budgeted in previous years, \$3,000,000 requested in FY2024 and \$538,450 anticipated to be requested in future years.			
Evaluation				
Initial Application Quality:	Only clarification was needed about some of the application information.			
Project Benefit:	The Resource Benefit of this project will reduce the existing flooding problem during the 100 year, 24-hour storm event. Structure and street flooding currently occur in the project area and the project impacts the regional or intermediate drainage system.			
Cost Effectiveness:	Benefit/cost ratio is between 0.70-0.90. Benefits include avoided damages to structures and roads. Ancillary water quality benefits were demonstrated along with flood protection benefits.			
Past Performance:	Based upon an assessment of the schedule and budget for the 14 ongoing projects.			
Complementary Efforts:	Cooperator's Community Rating System class is 6.			
Project Readiness:	The project is ongoing.			
Strategic Goals				
Strategic Goals:	Strategic Initiative - Water Quality Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve water quality. Strategic Initiative – Flood Protection Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve flood protection, and operate District flood control and conservation structures to minimize flood damage while preserving the water resource Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds.			
Overall Ranking and Recommendation				
1A	This ongoing project is designed to reduce existing structure and street flooding with ancillary water quality benefits.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$950,000	\$3,000,000	\$538,450	\$4,488,450
Pasco County	\$950,000	\$3,000,000	\$538,450	\$4,488,450
Total	\$1,900,000	\$6,000,000	\$1,076,900	\$8,976,900

Project No. N949		SW IMP – Flood Protection – Southeast Seminole Heights Flood Relief			
City of Tampa		FY2024			
Risk Level:	Type 3		Multi-Year Contract: Yes, Year 5 of 5		
Description					
Description:	Design, permitting, and construction of regional stormwater improvements to serve an area of approximately 870 acres of urban environment discharging into the Hillsborough River south of the Hillsborough River Dam in the Southeast Seminole Heights area of the City of Tampa. The City’s intent is to construct and implement several flood relief efforts in the watershed to alleviate frequent and dangerous flooding on critical evacuation routes and in residential neighborhoods. These flood relief efforts include upsizing existing pipes, installing higher capacity trunklines, and adding stormwater treatment systems for water quality purposes. Funding was approved in FY2019 for 30% design and third-party review (TPR). At their July 2021 meeting, the Governing Board approved moving forward with this project after the TPR. The FY2024 funding request is to complete construction.				
Measurable Benefit:	The contractual Measurable Benefit will be the design, permitting, and construction of drainage conveyance system BMPs to reduce flooding in a highly urbanized basin of approximately 870 acres. Construction will be in accordance with permitted plans.				
Costs:	Total project cost (initial board-approved project amount): \$31,540,049* (design, TPR, permitting and construction) *This amount was approved by the Board with the TPR. City of Tampa: \$15,770,025. District: \$15,770,024 with \$14,770,024 budgeted in previous years, and \$1,000,000 requested in FY2024.				
Evaluation					
Initial Application Quality:	All information identified in the CFI Guidelines was provided at the time of application.				
Project Benefit:	The Resource Benefit of this project will reduce the existing flooding problem during the design storm event. Structure and street flooding currently occurs in the project area and the project impacts the regional or intermediate drainage system. Ancillary water quality benefits were demonstrated along with the flood protection benefits.				
Cost Effectiveness:	Benefit/Cost ratio is less than 1 but greater than or equal to 0.7. Benefits include avoided damages to structures and roads.				
Past Performance:	Based upon an assessment of the schedule and budget for the 5 ongoing projects.				
Complementary Efforts:	Cooperator’s Community Rating System class is 5 and is in the 5 or less range.				
Project Readiness:	The project is ongoing and on schedule.				
Strategic Goals					
Strategic Goals:	Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds.				
Overall Ranking and Recommendation					
1A	This ongoing project is designed to reduce existing structure and street flooding.				
Funding					
Funding Source		Prior	FY2024	Future	Total
District		\$14,770,024	\$1,000,000	\$0	\$15,770,024
City of Tampa		\$14,770,025	\$1,000,000	\$0	\$15,770,025
Total		\$29,540,049	\$2,000,000	\$0	\$31,540,049

Project No. Q190		SW IMP – Flood Protection – Lower Peninsula Stormwater Improvements - Southeast Region			
City of Tampa					
Risk Level:	Type 3		Multi-Year Contract: Yes, Year 4 of 4		
Description					
Description:	Design, permitting and construction of stormwater conveyance lines south to the MacDill 48 ELAPP property, which will serve as flood storage, then a conveyance line east to an outfall in Tampa Bay. Funding was approved in FY2021 for 30% design and third-party review (TPR). At their August 2022 meeting, the Governing Board approved moving forward with this project after the TPR. The FY2024 funding request is to complete construction.				
Measurable Benefit:	The contractual Measurable Benefit will be the construction of drainage conveyance system BMPs to reduce flooding in a highly-urbanized basin of approximately 550 acres. Construction will be in accordance with permitted plans.				
Costs:	Total project cost: \$46,144,634 (post 30% design, TPR, permitting and construction), initial board-approved project amount \$25,000,000 City of Tampa: \$33,644,634 District: \$12,500,000 with \$9,267,500 budgeted in previous years, and \$3,232,500 requested in FY2024.				
Evaluation					
Initial Application Quality:	Application included all the required information identified in the CFI Guidelines.				
Project Benefit:	The Resource Benefit of this project, if constructed, will reduce the existing flooding problem during the 5-year, 8-hour storm event. Street flooding occurs in the project area and the project impacts the regional or intermediate drainage system. Ancillary water quality benefits were demonstrated along with the flood protection benefits.				
Cost Effectiveness:	Benefit/Cost ratio is less than 0.9, but greater than or equal to 0.7.				
Past Performance:	Based on an assessment of the schedule and budget for 5 ongoing projects.				
Complementary Efforts:	Cooperator's Community Rating System class is 5 and is in the 5 or less range.				
Project Readiness:	Project is ongoing and on schedule.				
Strategic Goals					
Strategic Goals:	Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds.				
Overall Ranking and Recommendation					
1A	This ongoing project is designed to reduce existing structure and street flooding.				
Funding					
Funding Source		Prior	FY2024	Future	Total
District		\$9,267,500	\$3,232,500	\$0	\$12,500,000
City of Tampa		\$9,267,500	\$24,377,134	\$0	\$33,644,634
Total		\$18,535,000	\$27,609,634	\$0	\$46,144,634

Project No. Q225		SW IMP – Flood Protection – Lafitte Drive			
Pasco County					
Risk Level:	Type 3		Multi-Year Contract: Yes, Year 2 of 5		
Description					
Description:	Design, permitting, and construction of flood protection best management practices (BMPs) to improve the intermediate or regional stormwater system in the vicinity of Lafitte Drive in the Sea Pines Community, located within the Hammock Creek Watershed in Pasco County. Requested FY2024 funds would be used for construction.				
Measurable Benefit:	The contractual Measurable Benefit will be the design, permitting and construction of stormwater BMPs. Construction will be done in accordance with permitted plans.				
Costs:	Total Project Cost (initial board-approved project amount): \$3,762,834 (land acquisition, design, permitting, and construction) Pasco County: \$1,881,417 (includes \$250,000 of land acquisition costs as funding match) District: \$1,881,417 with \$250,000 budgeted in previous years, \$900,000 requested in FY2024 and \$731,417 anticipated to be requested in future years.				
Evaluation					
Initial Application Quality:	Application included most of the required information identified in the CFI guidelines. District PM had to work with cooperator to obtain remaining required information.				
Project Benefit:	The Resource Benefit of this project will reduce the existing flooding problem during the 100 year, 24-hour storm event. Structure and street flooding currently occurs in the project area and the project impacts the regional or intermediate drainage system.				
Cost Effectiveness:	Benefit/cost ratio is greater than 1. Benefits include avoided damages to structures and roads.				
Past Performance:	Based upon an assessment of the schedule and budget for the 14 ongoing projects.				
Complementary Efforts:	Cooperator's Community Rating System class is 6.				
Project Readiness:	The project is ongoing.				
Strategic Goals					
Strategic Goals:	Strategic Initiative – Flood Protection Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve flood protection, and operate District flood control and conservation structures to minimize flood damage while preserving the water resource Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds.				
Overall Ranking and Recommendation					
1A	This ongoing project consists of the construction of best management practices that will reduce flood risk in the Sea Pines Community of Pasco County. It will provide flood protection for the 100 year, 24-hour event that experiences structure and street flooding and is cost effective.				
Funding					
Funding Source		Prior	FY2024	Future	Total
District		\$250,000	\$900,000	\$731,417	\$1,881,417
Pasco County		\$250,000	\$900,000	\$731,417	\$1,881,417
Total		\$500,000	\$1,800,000	\$1,462,834	\$3,762,834

Project No. Q233		Study – Clearwater Harbor/St Joseph Sound Nitrogen Source Identification			
Pinellas County					
Risk Level:	Type 3			Multi-Year Contract: Yes, Year 3 of 4	
Description					
Description:	Review of existing water resource data in Clearwater Harbor/St Joseph's Sound (CHSJS) watershed and waterbodies to develop a targeted water quality sampling effort to better understand nutrient sources and propose management practices aimed at reducing nutrients to CHSJS. The project will quantify benefits and develop cost estimates.				
Measurable Benefit:	The contractual measurable benefit will be the completion of this study.				
Costs:	Total project cost (initial board-approved project amount): \$400,000 Pinellas County: \$200,000 District: \$200,000 with \$75,000 budgeted in previous years, \$75,000 requested in FY2024, and \$50,000 anticipated to be requested in future years.				
Evaluation					
Initial Application Quality:	All information identified in the CFI Guideline was provided at the time of application.				
Project Benefit:	The benefit of this project is the identification of nutrient loading into CHSJS waterbody and a quantified benefits and preliminary project costs to reduce these nutrients. The CHSJS waterbody has shown an increase in nitrogen loading and has exceeded state water quality criteria for the last three years.				
Cost Effectiveness:	The cost effectiveness for this study is slightly higher than comparable past projects.				
Past Performance:	Based upon assessment of the schedule and budget for the 18 ongoing projects.				
Complementary Efforts:	Applicant has an active stormwater utility that collects fees.				
Project Readiness:	The project is ongoing and on schedule.				
Strategic Goals					
Strategic Goals:	Strategic Initiative - Water Quality Assessment and Planning: Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives.				
Overall Ranking and Recommendation					
1A	This ongoing project will collect water resource data, assess nutrients, identify nutrient sources and propose conceptual BMP's to reduce nutrient loading. The project will quantify benefits and develop cost estimates.				
Funding					
Funding Source		Prior	FY2024	Future	Total
District		\$75,000	\$75,000	\$50,000	\$200,000
Pinellas County		\$75,000	\$75,000	\$50,000	\$200,000
Total		\$150,000	\$150,000	\$100,000	\$400,000

Project No. Q337		WMP – Hillsborough County Watershed BMP Alternatives Analysis			
Hillsborough County					
Risk Level:	Type 3			Multi-Year Contract: Yes, Year 2 of 3	
Description					
Description:	Development of comprehensive Countywide Best Management Practice (BMP) Alternatives Analysis. The analysis will be based on most recently updated Watershed Management Plans (WMPs) to identify projects which provide flood reduction and water quality improvement. The analysis will also incorporate sea level rise (SLR) scenarios as directed by Senate Bill 1954 Statewide Flooding and Sea Level Rise Resilience. FY2024 funding will be used to continue BMP Alternatives Analysis according to County’s priority list of watersheds.				
Measurable Benefit:	The contractual Measurable Benefit will be the completion of Countywide BMP Alternatives Analysis.				
Costs:	Total project cost (initial board-approved project amount): \$1,500,000 Hillsborough County: \$750,000 District: \$750,000 with \$250,000 budgeted in previous years, \$250,000 requested in FY2024, and \$250,000 anticipated to be requested in future years.				
Evaluation					
Initial Application Quality:	All information identified in the CFI Guidelines was provided at the time of application.				
Project Benefit:	Studies solutions to a regional priority issue. Study develops alternative solutions, benefit calculations, cost estimates, and information to implement next phase.				
Cost Effectiveness:	Project cost is comparable to other prior projects with similar scope.				
Past Performance:	Based upon an assessment of the schedule and budget for the 14 ongoing projects.				
Complementary Efforts:	Cooperator's Community Rating System class is 5 and is in the 5 or better range.				
Project Readiness:	Project is ongoing and on schedule.				
Strategic Goals					
Strategic Goals:	Strategic Initiative - Water Quality Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve water quality. Strategic Initiative – Flood Protection Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve flood protection, and operate District flood control and conservation structures to minimize flood damage while preserving the water resource				
Overall Ranking and Recommendation					
1A	The ongoing project will perform a Countywide BMP Alternatives Analysis to identify flood reduction and water quality improvement projects. The analysis will be based on most recently updated WMPs and incorporate SLR scenarios for resiliency planning.				
Funding					
Funding Source		Prior	FY2024	Future	Total
District		\$250,000	\$250,000	\$250,000	\$750,000
Hillsborough County		\$250,000	\$250,000	\$250,000	\$750,000
Total		\$500,000	\$500,000	\$500,000	\$1,500,000

Project No. Q371		Conservation - Polk County Irrigation System Evaluation Program, Phase 8		
Polk County		FY2024		
Risk Level: Type 1		Multi-Year Contract: No		
Description				
Description:	Make available services to customers for up to three conservation activities, including: irrigation evaluations, installation of rain sensors, and installation of WaterSense-labeled irrigation controllers and necessary components. This is a labor only project, and hardware items will be covered by a separate Heartland Headwaters grant. Also included are educational materials, program promotion, program administration, and follow-up irrigation evaluations to ensure the success of the program. Should actual costs be less than anticipated, the Cooperator may perform more installations/evaluations as the availability of funds allow.			
Measurable Benefit:	The contractual Measurable Benefit will be the implementation of the program and the completion of a final report.			
Costs:	Total Project Cost (initial board-approved project amount): \$178,750 Polk County: \$72,500 District: \$72,500 Heartland Headwaters: \$33,750			
Evaluation				
Initial Application Quality:	5	All information identified in the the CFI Guidelines was provided at the time of application.		
Project Benefit:	25	The benefit of this project is an estimated 32,357 - 53,672 gallons per day of water conserved in the Southern Water Use Caution Area (SWUCA) and Central Florida Water Initiative (CFWI). Savings will vary based on the participation rate across the three possible conservation activities.		
Cost Effectiveness:	25	Project cost effectiveness is less than \$2.50 per thousand gallons saved. Cost effectiveness will vary based on the participation rate across the three possible conservation activities.		
Past Performance:	5	Based upon an assessment of the schedule and budget for the 8 ongoing projects.		
Complementary Efforts:	8	Applicant has the complementary efforts of: has adopted an ordinance to support year-round 2-day per week irrigation restrictions, actively enforces irrigation restrictions, has an active conservation program, and has a water loss less than the District average.		
Project Readiness:	7	Project starts by March 1, 2023, and the Conservation Program is already established.		
Strategic Goals				
Strategic Goals:	25	Strategic Initiative - Conservation: Enhance efficiencies in all water-use sectors to ensure beneficial use. Heartland Region Priority: Implement Southern Water Use Caution Area (SWUCA) Recovery Strategy		
Overall Ranking and Recommendation				
CFI	100	Project will conserve water in the SWUCA and CFWI and is cost effective.		
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$0	\$72,500	\$0	\$72,500
Polk County	\$0	\$72,500	\$0	\$72,500
Heartland Headwaters	\$0	\$33,750	\$0	\$33,750
Total	\$0	\$178,750	\$0	\$178,750

Project No. Q373		WMP - Lake Hancock Watershed Management Plan			
Polk County					
Risk Level:		Type 4		Multi-Year Contract: Yes, Year 1 of 4	
Description					
Description:		Complete a Watershed Management Plan (WMP) for the Lake Hancock watershed in Polk County, through and including Project Development, Watershed Evaluation, Floodplain Analysis, Level of Service (LOS) determination, Surface Water Resource Assessment (SWRA), and Best Management Practice (BMP) Analysis.			
Measurable Benefit:		The contractual Measurable Benefit will be the completion of a WMP that identifies floodplains, establishes LOS, performs SWRA, and evaluates BMPs to address flooding concerns, improve water quality, and enhance natural systems in the watershed.			
Costs:		Total project cost (initial board-approved project amount): \$2,500,000 Polk County: \$1,250,000 District: \$1,250,000			
Evaluation					
Initial Application Quality:		5	All information identified in the CFI Guidelines was provided at the time of application.		
Project Benefit:		25	The watershed covers at least one entire planning unit. The WMP will analyze flooding and water quality problems that exist in the watershed. Currently, flood analysis models are not available or are over 10 years old, and the watershed includes regional or intermediate stormwater systems. Results developed from the WMP will be used for Digital Flood Insurance Rate Map (DFIRM) update. The watershed is one of the District's top 20 priority watersheds for WMP updates.		
Cost Effectiveness:		25	Project cost per square mile is within the low range of historic costs (< \$17,000 / sq. mi) for WMP completed in mixed watersheds.		
Past Performance:		5	Based upon an assessment of the schedule and budget for the 8 ongoing projects.		
Complementary Efforts:		8	Cooperator's Community Rating System class is 6.		
Project Readiness:		10	Project starts before December 1, 2023. WMP with available LiDAR as of December 1, 2023.		
Strategic Goals					
Strategic Goals:		25	Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Strategic Initiative - Water Quality Assessment and Planning: Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives.		
Overall Ranking and Recommendation					
CFI		103	This project identifies flood risk in an area with limited detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality and enhance the planning of future development in the project area.		
Funding					
Funding Source		Prior	FY2024	Future	Total
District		\$0	\$1,250,000	\$0	\$1,250,000
Polk County		\$0	\$250,000	\$1,000,000	\$1,250,000
Total		\$0	\$1,500,000	\$1,000,000	\$2,500,000

Project No. Q357		SW IMP – Water Quality – Anna Maria BMPs Phase N			
City of Anna Maria		FY2024			
Risk Level:	Type 3		Multi-Year Contract: No		
Description					
Description:	Design, permitting, and construction of stormwater retrofits in the City of Anna Maria to improve water quality discharging to Tampa Bay, a SWIM priority water body.				
Measurable Benefit:	The contractual Measurable Benefit will be the design, permitting, and construction of stormwater retrofits to treat approximately 50 acres of highly urbanized stormwater runoff. Construction will be done in accordance with permitted plans.				
Costs:	Total project cost (initial board-approved project amount): \$869,980 (Design, permitting, construction) City of Anna Maria: \$434,990 (includes up to \$86,998 of design and permitting costs as funding match) District: \$434,990				
Evaluation					
Initial Application Quality:	5	All information identified in the CFI Guidelines was provided at the time of application.			
Project Benefit:	20	The Resource Benefit of the project is the reduction of pollutant loads to Tampa Bay, a SWIM priority water body, by an estimated 217 lb/yr TN. There will be no monitoring or performance testing requirements. This project also has ancillary flood protection benefits.			
Cost Effectiveness:	20	The estimated cost/lb of TN removed is between \$150 and \$225/lb.			
Past Performance:	5	Based upon an assessment of the schedule and budget for the 2 ongoing projects.			
Complementary Efforts:	10	The City of Anna Maria has an active stormwater utility that collects fees, street sweeping and stormwater maintenance programs, participates in the Manatee County fertilizer ordinance, has an active education campaign and other complementary efforts that maintain or improve water quality.			
Project Readiness:	10	This project starts before December 1, 2023.			
Strategic Goals					
Strategic Goals:	25	Strategic Initiative - Water Quality Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve water quality. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole.			
Overall Ranking and Recommendation					
CFI	95	This project is cost effective and improves water quality discharging to Tampa Bay, a SWIM priority water body. This project will also have ancillary flood protection benefits. The Governor's Executive Order 19-12 instructs the five water management districts to prioritize funding to focus on projects that will address harmful algal blooms and maximize nutrient reductions.			
Funding					
Funding Source		Prior	FY2024	Future	Total
District		\$0	\$434,990	\$0	\$434,990
City of Anna Maria		\$0	\$434,990	\$0	\$434,990
Total		\$0	\$869,980	\$0	\$869,980

Project No. Q387		Conservation - St. Petersburg Sensible Sprinkling Program, Phase 11			
City of St Petersburg					
Risk Level:	Type 1		Multi-Year Contract: No		
Description					
Description:	Make available financial incentives and services to customers for approximately 300 irrigation evaluations and rain sensor installations. Also included are educational materials, program promotion and surveys necessary to ensure the success of the program. Should actual costs be less than anticipated, the cooperator may perform more installations/evaluations as funds are available.				
Measurable Benefit:	The contractual Measurable Benefit will be the implementation of the program and the completion of a final report.				
Costs:	Total Project Cost (initial board-approved project amount): \$100,000 City of St Petersburg: \$50,000 District: \$50,000				
Evaluation					
Initial Application Quality:	5	All information identified in the CFI Guidelines was provided at the time of application.			
Project Benefit:	25	The benefit of this project is an estimated 54,900 gallons per day of water conserved in the Tampa Bay Planning Region.			
Cost Effectiveness:	25	Project cost effectiveness is less than \$2.50 per thousand gallons saved.			
Past Performance:	5	Based upon an assessment of the schedule and budget for the 4 ongoing projects.			
Complementary Efforts:	4	Applicant has the complementary efforts of: has adopted an ordinance to support year-round 2-day per week irrigation restrictions and has an active conservation program.			
Project Readiness:	10	Project starts before December 1, 2023, and the Conservation Program is already established.			
Strategic Goals					
Strategic Goals:	25	Strategic Initiative - Conservation: Enhance efficiencies in all water-use sectors to ensure beneficial use. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery Strategies.			
Overall Ranking and Recommendation					
CFI	99	Project will conserve water in the NTBWUCA and is cost effective.			
Funding					
Funding Source		Prior	FY2024	Future	Total
District		\$0	\$50,000	\$0	\$50,000
City of St Petersburg		\$0	\$50,000	\$0	\$50,000
Total		\$0	\$100,000	\$0	\$100,000

Project No. Q391		WMP - Trout Creek Watershed Management Plan Update			
Pasco County					
Risk Level:	Type 4		Multi-Year Contract: Yes, Year 1 of 3		
Description					
Description:	Complete a Watershed Management Plan (WMP) update for the Trout Creek watershed in Pasco County, through and including Project Development, Watershed Evaluation, Floodplain Analysis, Level of Service (LOS) determination, Surface Water Resource Assessment (SWRA), and Best Management Practice (BMP) Analysis.				
Measurable Benefit:	The contractual Measurable Benefit will be the completion of an updated WMP that identifies floodplains, establishes LOS, performs SWRA, and evaluates BMPs to address flooding concerns and improve water quality in the watershed.				
Costs:	Total project cost (initial board-approved project amount): \$770,000 Pasco County: \$385,000 District: \$385,000				
Evaluation					
Initial Application Quality:	5	All information identified in the CFI Guidelines was provided at the time of application.			
Project Benefit:	25	The watershed covers at least one entire planning unit. The WMP update will analyze flooding and water quality problems that exist in the watershed. Currently, flood analysis models are over 10 years old, and the watershed includes regional or intermediate stormwater systems. Results developed from the updated WMP will be used for Digital Flood Insurance Rate Map (DFIRM) update. The watershed is one of the District's top 20 priority watersheds for WMP updates.			
Cost Effectiveness:	25	Project cost per square mile is within the low range of historic costs (< \$25,000 / sq. mi) for WMP updates completed in urban watersheds.			
Past Performance:	0	Based upon an assessment of the schedule and budget for the 14 ongoing projects.			
Complementary Efforts:	8	Cooperator's Community Rating System class is 6.			
Project Readiness:	10	Project starts before December 1, 2023. WMP with available LiDAR as of December 1, 2023.			
Strategic Goals					
Strategic Goals:	25	Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Strategic Initiative - Water Quality Assessment and Planning: Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives.			
Overall Ranking and Recommendation					
CFI	98	This project updates flood risk in an area with existing flood analysis that is more than 10 years old. The resulting product will be utilized for flood zone determination, to help implement solutions that alleviate flood risk, and to enhance the planning of future development in the project area. The watershed is one of the District's top 20 priority watersheds for WMP updates.			
Funding					
Funding Source		Prior	FY2024	Future	Total
District		\$0	\$385,000	\$0	\$385,000
Pasco County		\$0	\$90,000	\$295,000	\$385,000
Total		\$0	\$475,000	\$295,000	\$770,000

Project No. W024		FY2024 Tampa Bay Environmental Restoration Fund			
Tampa Bay Estuary Program					
Risk Level:		Type 3		Multi-Year Contract: No	
Description					
Description:		The Tampa Bay Environmental Restoration Fund (TBERF) was established to fund restoration, research, and education initiatives in Tampa Bay. The Tampa Bay Estuary Program (TBEP) manages the fund and secures local funding to leverage with funds obtained nationally by the Restore America's Estuaries (RAE) through environmental fines and philanthropic gifts.			
Measurable Benefit:		The project will fund numerous water quality improvement and habitat restoration projects throughout the Tampa Bay watershed.			
Costs:		Total project cost (initial board-approved project amount): \$700,000 TBEP: \$350,000 District: \$350,000 requested in FY2024 (District share includes a 10% administrative fee for each grant managed by the TBEP).			
Evaluation					
Initial Application Quality:		5	All information identified in the CFI Guidelines was provided at the time of application.		
Project Benefit:		25	Water quality improvement and natural systems restoration in Tampa Bay, a SWIM priority water body.		
Cost Effectiveness:		20	District funds will be leveraged with other local, federal, private, and penalty funds.		
Past Performance:		5	Based upon an assessment of the schedule and budget for the 3 ongoing projects.		
Complementary Efforts:		2	Applicant funds projects that are complimentary to preserve natural systems and improve water quality.		
Project Readiness:		10	Project is ready to begin on or before December 1, 2023 and program is already established.		
Strategic Goals					
Strategic Goals:		25	Strategic Initiative - Conservation and Restoration: Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources. Strategic Initiative - Water Quality Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve water quality. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole.		
Overall Ranking and Recommendation					
CFI		92	Due to the leveraging of local, federal, private, and penalty funds, this project is a very cost effective means to implement water quality and habitat restoration projects for Tampa Bay, a SWIM priority water body. The District has provided funding for the TBERF since FY2013. For FY2013-FY2022,TBERF funded 88 projects at a total grant amount of more than \$8.1 million. Nine District projects have been funded at a grant amount of \$1.45 million.		
Funding					
Funding Source		Prior	FY2024	Future	Total
District		\$0	\$350,000	\$0	\$350,000
Tampa Bay Estuary Program		\$0	\$350,000	\$0	\$350,000
Total		\$0	\$700,000	\$0	\$700,000

Project No: W027	Tampa Bay Estuary Program - Comprehensive Management Plan Development and Implementation			
Region: Tampa Bay	Project Category: Water Body Protection & Restoration Planning			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☒	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project provides funding for the Tampa Bay Estuary Program (TBEP) as outlined in the Interlocal Agreement which established the TBEP as an independent special district in 1998. The District has contributed funding to the TBEP since 1990 to carry out the administration and implementation of projects identified in the TBEP Comprehensive Conservation and Management Plan (CCMP). The District also provides staff to sit on the technical, management and policy (Governing Board Member) boards and the Nitrogen Management Consortium promoting consistency between the District and TBEP program objectives. In FY2022, the District and the TBEP entered into a multi-year agreement to provide annual funding for the TBEP through FY2026.			
Benefit:	This project's support of the TBEP creates an opportunity for a cohesive effort between the District, TBEP and other state and local agencies to implement resource management decisions and restoration activities. Additionally, this project provides the opportunity to leverage funds between the partners.			
Cost:	Total project cost: \$1,012,525 District: \$1,012,525 with \$405,010 budgeted in prior years, \$202,505 requested in FY2024, and \$405,010 anticipated to be requested in future years. The Interlocal Agreement was amended in May 2021 and approved by the Governing Board. The amended Interlocal Agreement allows for an option to review the proposed annual contribution.			
Evaluation				
Resource Benefit:	This project creates an opportunity for a cohesive effort between the District, TBEP and other state and local agencies to implement resource management decisions and restoration activities through the support of the TBEP.			
Cost Effectiveness:	Costs are consistent with the annual funding contribution to the TBEP identified in the Amendment and Restated Interlocal Agreement.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Water Quality Assessment and Planning - Water Quality Maintenance and Improvement - Conservation and Restoration			
Regional Priorities:	- Tampa Bay: Improve Tampa Bay and lakes Seminole, Tarpon and Thonotosassa.			
Additional Information				
Additional Information:	Tampa Bay is a SWIM Priority water body and was identified by the United States Environmental Protection Agency (USEPA), in 1990 as an estuary of Federal Significance and included it in the National Estuary Program. The Tampa Bay National Estuary Program was established in 1991 (with the District as a founding partner) to assist the region in developing a comprehensive plan for the restoration and protection of Tampa Bay. Partners include the District, USEPA, Florida Department of Environmental Protection (FDEP). Hillsborough, Manatee and Pinellas counties and the cities of St. Petersburg, Tampa and Clearwater. The goals and strategies for the Bay are identified in the CCMP for Tampa Bay which provides guidance for each entity on their role to protect and restore the Bay.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$405,010	\$202,505	\$405,010	\$1,012,525
Total	\$405,010	\$202,505	\$405,010	\$1,012,525

Project No: W526	Coastal and Heartland National Estuary Partnership - Comprehensive Management Plan Development and Implementation			
Region: Southern	Project Category: Water Body Protection & Restoration Planning			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☒	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project provides funding for the Coastal and Heartland National Estuary Partnership (CHNEP), formally known as Charlotte Harbor National Estuary Program, Annual Work Plan. The District has contributed annual funding to CHNEP since 1997 to carry out the administration and implementation of projects identified in the CHNEP Comprehensive Conservation and Management Plan (CCMP). The District also provides staff to sit on the technical, management and policy committees (Governing Board Member) promoting consistency between the District and CHNEP program objectives. The District enters into annual cooperative agreements with Charlotte County (the Host Agency for the CHNEP) to implement projects identified in the Annual Work Plan.			
Benefit:	This project's support of the CHNEP creates an opportunity for a cohesive effort between the District, CHNEP and other state and local agencies to implement resource management decisions and restoration activities. Additionally, this project provides the opportunity to leverage funds between the partners.			
Cost:	Total FY2024 request: \$130,000 District: \$130,000			
Evaluation				
Resource Benefit:	Projects contained within the CHNEP Annual Work Plan provide opportunities for hydrologic and natural systems restoration and water quality improvements within the Peace and Myakka River watersheds and the Charlotte Harbor estuary.			
Cost Effectiveness:	Project is cost effective and at the same funding level previously approved by the Governing Board. Funding will be leveraged with other partners to implement projects identified in the Annual Work Plan.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Water Quality Assessment and Planning - Water Quality Maintenance and Improvement - Conservation and Restoration			
Regional Priorities:	- Southern: Improve Charlotte Harbor, Sarasota Bay, Shell/Prairie/Joshua creeks.			
Additional Information				
Additional Information:	Charlotte Harbor is a SWIM priority water body and was identified by the United States Environmental Protection Agency (USEPA) in 1995 as an estuary of Federal Significance and subsequently included in the National Estuary Program. The CHNEP was established in 1997 (with the District as a founding partner) to assist the region in developing a comprehensive plan for the restoration and protection of Charlotte Harbor. In 2019, the CHNEP implemented a major revision and update to its (CCMP) and with this update changed its formal name to the Coastal and Heartland National Estuary Partnership, thus retaining its well-known acronym, CHNEP. Partners in the CHNEP include the District and South Florida Water Management District, USEPA, Florida Department of Environmental Protection, other state, federal, and local agencies from the watershed. The goals and strategies for the Harbor are identified in the CCMP for Charlotte Harbor which provides guidance to each entity on there role to protect and restore the Harbor.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$130,000	Annual Request	\$130,000
Total	Annual Request	\$130,000	Annual Request	\$130,000

Project No: W612	Sarasota Bay Estuary Program - Comprehensive Management Plan Development and Implementation			
Region: Southern	Project Category: Water Body Protection & Restoration Planning			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☒	Natural Systems: ☒	Flood Protection: ☐
Description				
Description:	This project provides funding for the Sarasota Bay Estuary Program (SBEP) as outlined in the Interlocal Agreement which established the SBEP as an independent special district in 2005. The District has contributed annual funding to the SBEP since 1990 to carry out administration and implementation of projects identified in the SBEP Comprehensive Conservation and Management Plan (CCMP). The District also provides staff to sit on the technical, management and policy (Governing Board Member) committees promoting consistency between the District and SBEP program objectives. In FY2020, the District and the SBEP entered into a multi-year agreement to provide annual funding for the SBEP through FY2024.			
Benefit:	This project's support of the SBEP creates an opportunity for a cohesive effort between the District, SBEP and other state and local agencies to implement resource management decisions and restoration activities. Additionally, this project provides the opportunity to leverage funds between the partners.			
Cost:	Total project cost: \$665,000 District: \$665,000 with \$532,000 budgeted in prior years, and \$133,000 requested in FY2024.			
Evaluation				
Resource Benefit:	This project creates an opportunity for a cohesive effort between the District, SBEP and other state and local agencies to implement resource management decisions and restoration activities through the support of SBEP.			
Cost Effectiveness:	Costs are consistent with prior year funding to the SBEP as identified in the Interlocal Agreement.			
Project Readiness:	Project is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Water Quality Assessment and Planning - Water Quality Maintenance and Improvement - Conservation and Restoration			
Regional Priorities:	- Southern: Improve Charlotte Harbor, Sarasota Bay, Shell/Prairie/Joshua creeks.			
Additional Information				
Additional Information:	Sarasota Bay is a SWIM priority water body and was identified by the US Environmental Protection Agency (USEPA) in 1989 as an estuary of Federal Significance and subsequently included in the National Estuary Program. The Sarasota Bay National Estuary Program was established in 1989 (within the District as a founding partner) to assist the region in developing a comprehensive plan for the restoration and protection of Sarasota Bay. Partners in the SBEP include the District, USEPA, Florida Department of Environmental Protection, Sarasota and Manatee counties, the cities of Sarasota and Bradenton, and the town of Longboat Key. The goals and strategies for the Bay are identified in the Comprehensive Conservation and Management Plan CCMP for Sarasota Bay which provides the guidance for each entity on their role to protect and restore the Bay.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$532,000	\$133,000	\$0	\$665,000
Total	\$532,000	\$133,000	\$0	\$665,000

Project No: B087	Florida Flood Hub			
Region: Districtwide	Project Category: Watershed Management Planning			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☐	Natural Systems: ☐	Flood Protection: ☒
Description				
Description:	The Florida Flood Hub for Applied Research and Innovation's goal is to improve flood forecasting and inform science based policy, planning, and management. The Flood Hub was established by the state, with the work based out of the University of South Florida College of Marine Science. This effort focuses on resiliency - the ability of communities to prepare for, withstand, and rebound from flood events and other natural hazards. The project consists of creating a "hub" for regional models across the state. The regional models will be used to simulate historical conditions and future conditions to evaluate their performance. The regional models can also be used to set the boundary conditions for high resolution (1km scale) climate models that are currently being developed for Florida that will allow communities to better capture extreme rainfall events.			
Benefit:	Key to this effort is conveying information in ways that are accessible and compelling to scientists and non scientists alike. Working in concert with the Resilient Florida Program, the Flood Hub supports statewide efforts to protect people, businesses, natural resources, and coastal infrastructure.			
Cost:	Total project cost: \$150,000 District: \$150,000 with \$50,000 requested in FY2024, and \$100,000 anticipated to be requested in future years.			
Evaluation				
Resource Benefit:	The open source products and services inform vulnerability assessments, risk analyses, economic investments, and strategies to help communities mitigate and adapt to flood related hazards.			
Cost Effectiveness:	Funding will be leveraged with other partners to allow for statewide coordination in flood prevention.			
Project Readiness:	The project is ready to begin by December 2023.			
Strategic Goals				
Strategic Initiatives:	- Floodplain Management - Flood Protection Maintenance and Improvement - Emergency Flood Response			
Regional Priorities:	- None			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	\$0	\$50,000	\$100,000	\$150,000
Total	\$0	\$50,000	\$100,000	\$150,000

Project No: H015	Wells with Poor Water Quality in the Southern Water Use Caution Area Back-Plugging Program			
Region: Districtwide	Project Category: Facilitating Agricultural Resource Management Systems			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☒	Natural Systems: ☐	Flood Protection: ☐
Description				
Description:	This is an ongoing initiative for cost-share and technical assistance to well owners within the Southern Water Use Caution Area (SWUCA) for back-plugging irrigation wells that produce highly mineralized groundwater, which has the potential to become a significant constituent of the watershed ecosystem. Since program inception in FY2002 through FY2023, the District's total reimbursement for this program is \$461,961. Qualifying landowners are reimbursed to a maximum of \$6,500 per well, with reimbursement determined by dimensions of the back-plug borehole interval. The Shell, Prairie, and Joshua Creek (SPJC) watersheds are priority areas for this program.			
Benefit:	Back-plugging is a recommended practice to modify irrigation wells by identifying and restricting the intrusion of highly mineralized groundwater that often occurs from deeper groundwater sources in certain areas of the District. Older or deeper irrigation wells with poorly constructed or damaged casing intervals can cross-connect and degrade upper aquifer zones, and the dissolved salts accumulated over long-term pumping can seriously affect the ecosystem and water quality downstream. For growers there are several advantages of well back-plugging. Research studies along with several years of successful back-plugging efforts have demonstrated that reduced salts in groundwater irrigation sources can result in elevated crop yields, decreased water requirements, and reduced corrosion or fouling of irrigation equipment.			
Cost:	Total FY2024 request: \$20,000 District: \$20,000			
Evaluation				
Resource Benefit:	This project will improve water quality to downstream receiving water bodies such as the SPJC watersheds. District-led back-plugging efforts within the SPJC watersheds have successfully reduced chloride concentrations in groundwater from irrigation wells an average of nearly 60 percent.			
Cost Effectiveness:	The cost for a typical back-plug since project inception averages about \$7,200 per completion, with well owners reimbursed a maximum of \$6,500 per well.			
Project Readiness:	Program is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Water Quality Maintenance and Improvement			
Regional Priorities:	- Southern: Improve Charlotte Harbor, Sarasota Bay, Shell/Prairie/Joshua creeks.			
Additional Information				
Additional Information:	In 2000, the City of Punta Gorda contacted Florida Department of Environmental Protection (FDEP) and the District with concerns for declining water quality trends observed in their public water supply reservoir. Field investigations indicated that highly mineralized groundwater produced from older, or deeper irrigation wells was the most likely source adversely impacting water quality in the Punta Gorda reservoir downstream. The Back-Plugging Initiative began in 2002 to improve water quality in watershed systems of the SWUCA, and later became an addition to the Facilitating Agricultural Resources Management Systems (FARMS) program in 2005.			
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$20,000	Annual Request	\$20,000
Total	Annual Request	\$20,000	Annual Request	\$20,000

Project No: H017	Facilitating Agricultural Resource Management Systems Program			
Region: Districtwide	Project Category: Facilitating Agricultural Resource Management Systems			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☒	Natural Systems: ☐	Flood Protection: ☐
Description				
Description:	The Facilitating Agricultural Resource Management Systems (FARMS) Program is an agricultural best management practice (BMP) cost-share reimbursement program. The program is a public/private partnership developed by the District and the Florida Department of Agriculture and Consumer Services (FDACS). The purpose of the FARMS initiative is to provide cost-share funding for agricultural BMPs.			
Benefit:	The FARMS Program has five specific goals: 1) Improve surface water quality which has been impacted by groundwater withdrawals, with priority given to projects located in Shell, Prairie, and Joshua Creek (SPJC) or Horse Creek watersheds; 2) Conserve, restore or augment the water resources and natural systems in the Upper Myakka River Watershed (UMRW); 3) Reduce groundwater use in the Southern Water Use Caution Area (SWUCA); 4) Reduce groundwater use for Frost/Freeze Protection within the Dover/Plant City Water Use Caution Area (DPCWUCA); and 5) Reduce Upper Floridan aquifer groundwater use and nutrient loading within the Northern District. These goals are critical in the District's overall strategy to manage water resources. Each project's performance is tracked to determine its effectiveness toward program goals.			
Cost:	Total FY2024 request: \$4,000,000 District: \$4,000,000			
Evaluation				
Resource Benefit:	It is estimated that FARMS projects have reduced groundwater use within the District by more than 31.5 million gallons per day.			
Cost Effectiveness:	Groundwater offsets accomplished through FARMS projects have a cost of approximately \$2.37 per 1,000 gallons saved.			
Project Readiness:	Program is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Regional Water Supply Planning - Alternative Water Supplies - Conservation - Water Quality Maintenance and Improvement			
Regional Priorities:	- Northern: Ensure long-term sustainable water supply. - Heartland: Implement SWUCA Recovery Strategy. - Southern: Implement SWUCA Recovery Strategy. - Southern: Improve Charlotte Harbor, Sarasota Bay, Shell/Prairie/Joshua creeks.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$4,000,000	Annual Request	\$4,000,000
Total	Annual Request	\$4,000,000	Annual Request	\$4,000,000

Project No: H529	Mini-FARMS Program			
Region: Districtwide	Project Category: Facilitating Agricultural Resource Management Systems			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☒	Natural Systems: ☐	Flood Protection: ☐
Description				
Description:	The Mini-FARMS Program complements the Facilitating Agricultural Resource Management Systems (FARMS) Program, which is a cost-share reimbursement program for agricultural projects that conserve water and protect water quality within the District. The Mini-FARMS Program (Program) is for small agricultural conservation projects and reimburses growers up to 75 percent of project costs up to a maximum of \$10,000. The District has partnered with the Florida Department of Agriculture and Consumer Services (FDACS) to promote the Program. The Program has funded a total of 339 projects through FY2022 with a total reimbursement of \$1,327,894.			
Benefit:	The Mini-FARMS Program compliments the FARMS Program by assisting in the five FARMS goals: 1) Improve surface water quality which has been impacted by groundwater withdrawals, with priority given to projects located in Shell, Prairie, and Joshua Creek (SPJC) or Horse Creek watersheds; 2) Conserve, restore or augment the water resources and natural systems in the Upper Myakka River Watershed (UMRW); 3) Reduce groundwater use in the Southern Water Use Caution Area (SWUCA); 4) Reduce groundwater use for Frost/Freeze Protection within the Dover/Plant City Water Use Caution Area (DPCWUCA); and 5) Reduce Upper Floridan aquifer groundwater use and implement nutrient reduction best management practices (BMPs) in the District. These goals are critical in the District's overall strategy to manage water resources.			
Cost:	Total FY2024 request: \$500,000 District: \$500,000			
Evaluation				
Resource Benefit:	Best management practices (BMPs) reimbursed through the Mini-FARMS Program have been shown to reduce groundwater use.			
Cost Effectiveness:	The maximum cost-share amount available from the Mini-FARMS Program is \$10,000 per eligible project.			
Project Readiness:	Program is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Regional Water Supply Planning - Alternative Water Supplies - Conservation - Water Quality Maintenance and Improvement			
Regional Priorities:	- Northern: Improve Chassahowitzka River, Crystal River/Kings Bay, Homosassa River, Rainbow River and Weeki Wachee River and associated springs. - Northern: Ensure long-term sustainable water supply. - Heartland: Implement SWUCA Recovery Strategy. - Southern: Implement SWUCA Recovery Strategy. - Southern: Improve Charlotte Harbor, Sarasota Bay, Shell/Prairie/Joshua creeks.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$500,000	Annual Request	\$500,000
Total	Annual Request	\$500,000	Annual Request	\$500,000

Project No: B015	Water Incentives Supporting Efficiency Program			
Region: Districtwide	Project Category: Conservation Rebates and Retrofits			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☐	Natural Systems: ☐	Flood Protection: ☐
Description				
Description:	The Water Incentives Supporting Efficiency (WISE) program is a cost reimbursement program that supports the implementation of water conservation projects by non agricultural water users. This will assist in meeting the District's strategic goals associated with increased water use efficiency. The program reimburses 50 percent of eligible project costs up to \$20,000 per project. Potential applicants include various public and private entities such as hospitals, schools, homeowners' associations, golf courses, and water utilities. Applications are accepted year round, and funds are allocated on a first come, first served basis.			
Benefit:	The continuation and expansion of this program will increase water use efficiency and provide a more sustainable water supply for the region.			
Cost:	Total FY2024 request: \$225,000 District: \$225,000			
Evaluation				
Resource Benefit:	Actual water savings will vary based on projects selected for funding. During prior fiscal years, a total of \$361,317 was committed to a total of 39 conservation projects. Total estimated water savings for all prior projects is approximately 195,132 gallons per day. Using the program's historical average cost effectiveness, the expected savings for FY2024 is 120,000 gallons per day.			
Cost Effectiveness:	Projects that have a cost effectiveness of less than or equal to \$6 per 1,000 gallons will be considered for funding, while projects with a cost effectiveness of greater than \$6 per 1,000 gallons will not be funded.			
Project Readiness:	Program is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Conservation			
Regional Priorities:	- Northern: Ensure long-term sustainable water supply. - Tampa Bay: Implement the Lower Hillsborough River MFLs Recovery Strategy and Monitor Other MFLs. - Heartland: Implement SWUCA Recovery Strategy. - Southern: Implement SWUCA Recovery Strategy.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$225,000	Annual Request	\$225,000
Total	Annual Request	\$225,000	Annual Request	\$225,000

Project No: H103	Water Supply & Water Resource Development Grant Program			
Region: Districtwide	Project Category: Other Water Supply Development Assistance			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☐	Natural Systems: ☐	Flood Protection: ☐
Description				
Description:	This program provides funding for regional water resource and water supply development projects to help protect our existing water resources and ensure the needs of existing and future users are met. Grants will be available to help communities plan for and implement conservation, reuse and other water supply and water resource development projects. Projects selected for funding will be prioritized by areas of greatest need and greatest benefit. Consideration of the following will be given when selecting projects: - provides regional benefits - benefits water bodies with adopted minimum flows and minimum water levels (MFLs), primarily those in recovery or prevention - provides dual benefits to water supply and water quality - provides complementary efforts such as conservation - can be timely implemented - evaluates the feasibility of the implementation of a regional project - the capital cost per 1,000 gallons of water made available			
Benefit:	The projected public supply demand increase for the District's region requires coordination between the District, the state and regional stakeholders in order to support Florida's growing economy. Projects providing a regional impact compared to localized areas provides a more sustainable benefit.			
Cost:	Total FY2024 request: \$16,000,000 Department of Environmental Protection: \$16,000,000			
Evaluation				
Resource Benefit:	The resource benefit is the development of viable regional water resources and water supply through reclaimed water, surface water storage, feasibility studies, conservation and other efforts to develop alternative water supplies.			
Cost Effectiveness:	Cost effectiveness of each project will be evaluated to leverage the greatest regional coordination and return on investment.			
Project Readiness:	Program is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Regional Water Supply Planning - Alternative Water Supplies - Reclaimed Water			
Regional Priorities:	- Northern: Ensure long-term sustainable water supply. - Tampa Bay: Implement the Lower Hillsborough River MFLs Recovery Strategy and Monitor Other MFLs. - Heartland: Implement SWUCA Recovery Strategy. - Southern: Implement SWUCA Recovery Strategy.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
Department of Environmental Protection	Annual Request	\$16,000,000	Annual Request	\$16,000,000
Total	Annual Request	\$16,000,000	Annual Request	\$16,000,000

Project No: B099	Quality of Water Improvement Program			
Region: Districtwide	Project Category: Quality of Water Improvement Program - Well Plugging			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☒	Natural Systems: ☐	Flood Protection: ☐
Description				
Description:	The Quality of Water Improvement Program (QWIP) provides funding assistance to landowners for the proper abandonment of artesian wells. Pursuant to Ch. 373.206, Florida Statutes any abandoned artesian well having a detrimental impact on the District's water resources must be properly plugged. The program reimburses landowners up to 100 percent of the well plugging costs in qualified counties. The maximum reimbursement per well is \$6,000, and the annual maximum per landowner is \$18,000. Approximately 200 wells are properly plugged each year. Over \$15 million has been reimbursed to landowners since the program's inception in 1974.			
Benefit:	The abandonment of wells prevents the waste and contamination of potable water from deteriorated or improperly constructed water wells. Abandoned artesian wells may flow at the surface wasting potable water. Wells with deteriorated or insufficient casing depths allow water from normally isolated aquifers to mix, resulting in aquifer contamination.			
Cost:	Total FY2024 request: \$645,000 District: \$645,000 FY2024 funding will be used for: - District Grants: well plug reimbursements to landowners (\$620,000) - Contracted Services for District Projects: Manatee and Sarasota County delegated well abandonment oversight (\$25,000)			
Evaluation				
Resource Benefit:	Plugging abandoned or unused wells prevents flowing wells from wasting potable water. Plugging abandoned or unused wells with deteriorated or insufficient casing prevents aquifer contamination.			
Cost Effectiveness:	Plugging abandoned or unused flowing wells helps to sustain groundwater levels and saves potable water, which in turn reduces the need and cost to develop additional groundwater or alternative water sources.			
Project Readiness:	Program is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Regional Water Supply Planning - Conservation - Water Quality Maintenance and Improvement - Conservation and Restoration			
Regional Priorities:	- Heartland: Implement SWUCA Recovery Strategy. - Southern: Implement SWUCA Recovery Strategy. - Southern: Improve Charlotte Harbor, Sarasota Bay, Shell/Prairie/Joshua creeks.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$645,000	Annual Request	\$645,000
Total	Annual Request	\$645,000	Annual Request	\$645,000

Project No: H104	Springs Initiative Grant Program			
Region: Northern	Project Category: Springs - Water Quality			
Areas of Responsibility:	Water Supply: ☐	Water Quality: ☒	Natural Systems: ☐	Flood Protection: ☐
Description				
Description:	This program provides funding for projects that protect the health of our unique springs resources. The District plans and implements projects to take an ecosystem level approach to springs management with emphasis on its five first magnitude spring systems: Rainbow, Crystal River/Kings Bay, Homosassa, Chassahowitzka, and Weeki Wachee. Projects such as shoreline restoration, wetland treatment, beneficial reclaimed water reuse, and septic to sewer conversions all serve to reduce pollutant loading into these aquatic systems. The selection of projects that will receive funding is based upon the consideration of a number of factors including nitrogen and sediment reduction and readiness to proceed.			
Benefit:	Projects selected through this program will help improve water quality, increase water flow, and protect habitat in the District's five first magnitude spring systems.			
Cost:	Total FY2024 request: \$4,000,000 District: \$1,350,000 Department of Environmental Protection: \$2,650,000			
Evaluation				
Resource Benefit:	Improve water quality and habitat through reduction of pollutant loading to springs and shoreline erosion.			
Cost Effectiveness:	The cost effectiveness will be compared with other projects of similar scope such as the estimated cost per pound of total nitrogen removed.			
Project Readiness:	Program is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Water Quality Maintenance and Improvement - Conservation and Restoration			
Regional Priorities:	- Northern: Improve Chassahowitzka River, Crystal River/Kings Bay, Homosassa River, Rainbow River and Weeki Wachee River and associated springs.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
Department of Environmental Protection	Annual Request	\$2,650,000	Annual Request	\$2,650,000
District	Annual Request	\$1,350,000	Annual Request	\$1,350,000
Total	Annual Request	\$4,000,000	Annual Request	\$4,000,000

Project No: P259	Youth Water Resources Education Program			
Region: Districtwide	Project Category: Water Resource Education			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☒	Natural Systems: ☒	Flood Protection: ☒
Description				
Description:	Each year, this program educates an estimated 125,000 students and teachers about freshwater resources through Splash! school grants, grade-level field trip programs, teacher trainings, the Envirothon and other hands on programming in 15 county school districts. The program also offers additional educational resources to help increase students' knowledge of freshwater resources, such as publications, electronic teaching tools and water test kits. Project pre and post tests confirm an average water resources knowledge gain of 30 percent in participating students.			
Benefit:	This program helps fulfill the District's Strategic Plan, which includes engagement through outreach and education under the Core Business Processes. In eight counties, school districts have incorporated District materials into their curriculum, ensuring across the board student impacts. District grants, field trips and education materials are the catalyst for a level of water resources education that would not occur without this program.			
Cost:	Total FY2024 request: \$548,525 District: \$548,525 FY2024 funding will be used for: - Contracted Services for District Projects: Teacher training and curriculum tool development (\$18,525) - District Grants: Programming in 15 county school districts for students and teachers (\$530,000)			
Evaluation				
Resource Benefit:	Research shows that hands on learning experiences, like those incorporated in this program, are more likely to result in sustainable knowledge gain and behavior change by instilling in students at a young age the importance of water resources protection and conservation. By promoting the conservation and protection of water resources, the District delays the need for initiating costly water resource development or restoration projects.			
Cost Effectiveness:	The annual cost and reach of this program averages out to \$3.43 per student reached			
Project Readiness:	Program is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Conservation - Water Quality Maintenance and Improvement			
Regional Priorities:	- Northern: Ensure long-term sustainable water supply. - Tampa Bay: Implement the Lower Hillsborough River MFLs Recovery Strategy and Monitor Other MFLs. - Tampa Bay: Improve Tampa Bay and lakes Seminole, Tarpon and Thonotosassa. - Heartland: Implement SWUCA Recovery Strategy. - Heartland: Improve Winter Haven Chain of Lakes and Ridge Lakes. - Southern: Implement SWUCA Recovery Strategy. - Southern: Improve Charlotte Harbor, Sarasota Bay, Shell/Prairie/Joshua creeks.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$548,525	Annual Request	\$548,525
Total	Annual Request	\$548,525	Annual Request	\$548,525

Project No: P268	Public Water Resources Education Program			
Region: Districtwide	Project Category: Water Resource Education			
Areas of Responsibility:	Water Supply: ☒	Water Quality: ☒	Natural Systems: ☒	Flood Protection: ☒
Description				
Description:	This program educates the public about the District's core mission through 1) decision-maker water schools; and 2) public service announcements through social media.			
Benefit:	This program helps fulfill the District's Strategic Plan, which includes engagement through outreach and education under the Core Business Processes. Decision-maker water schools provide elected officials, community leaders, and other decision makers with factual information about their county's water resources and encourage improved public policy and decision-making regarding water resource issues. Social Media allows the District to send information to the public in a timely, cost-efficient manner. The District's social media platforms are used to communicate the District's mission, goals and culture.			
Cost:	Total FY2024 request: \$10,000 District: \$10,000 FY2024 funding will be used for: - Contracted Services for District Projects: Public service announcements (\$5,000) - District Grants: Decision-maker water schools with government agencies (\$5,000)			
Evaluation				
Resource Benefit:	By promoting the conservation and protection of water resources, the District delays the need for developing costly water resource development or restoration projects.			
Cost Effectiveness:	Through these outreach efforts, approximately 3.3 million people were reached with messaging in FY2022 at a cost less than \$.01 per person reached. On average, annually the decision-maker water schools educate around 400 elected officials, municipal and county staff, stakeholders and the general public at a cost of \$13.75 per person.			
Project Readiness:	Program is ongoing.			
Strategic Goals				
Strategic Initiatives:	- Conservation			
Regional Priorities:	- Northern: Ensure long-term sustainable water supply. - Tampa Bay: Implement the Lower Hillsborough River MFLs Recovery Strategy and Monitor Other MFLs. - Tampa Bay: Improve Tampa Bay and lakes Seminole, Tarpon and Thonotosassa. - Heartland: Implement SWUCA Recovery Strategy. - Heartland: Improve Winter Haven Chain of Lakes and Ridge Lakes. - Southern: Implement SWUCA Recovery Strategy. - Southern: Improve Charlotte Harbor, Sarasota Bay, Shell/Prairie/Joshua creeks.			
Additional Information				
Additional Information:				
Funding				
Funding Source	Prior	FY2024	Future	Total
District	Annual Request	\$10,000	Annual Request	\$10,000
Total	Annual Request	\$10,000	Annual Request	\$10,000

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Project No: C005/C007	Data Collection Site Acquisitions			
Program:	Water Resource Planning and Monitoring			
Activity:	Research, Data Collection, Analysis and Monitoring			
Project Type:	Land and Interests in Land Acquired for Data Collection Sites			
Physical Location:	District's 16-County Region			
Physical Description:	To Be Determined			
Expected Completion Date:	Ongoing			
Plan Linkages:	Strategic Plan; Watershed Management Plans; Southern Water Use Caution Area; Regional Water Supply Plan; Five-Year Water Resource Development Work Program			
Area(s) of Responsibility:	Water Supply and Water Quality			
Description				
Background:	The District acquires perpetual easements for sites necessary to assess groundwater sustainability and development of water supply solutions and to preserve existing sites necessary to construct a Districtwide network of groundwater monitoring wells. The District relies upon a network of groundwater monitor wells to provide information on water levels and water quality of various aquifer systems. The data obtained from these wells is utilized for a large variety of tasks including potentiometric surface map construction, saltwater intrusion and other contaminant status reporting site-specific project work to establish and modify minimum levels, and assessment of current water supplies. Regulation of the Floridan and the intermediate aquifers depend on the data collected from these sites. District computer models also rely heavily on water level information.			
Alternative(s):	An alternative to obtaining permanent easement for key well sites that are used for minimum flows and minimum water levels (MFLs) and having an extensive history of data collection critical for performance monitoring of the MFLs program, as well as other District initiatives would be to obtain new sites. The cost to obtain a permanent easement on an existing well site is generally lower than the cost to replace that well site because the new site will still need to have some form of title interest, including well construction costs to replace the wells. In addition, the heterogeneity of the aquifer systems might impact the new well location and not allow for a good comparison of data from a destroyed well site to the new well site.			
Cost				
Basic Construction Costs:	The cost of well construction and related activities associated with upper and lower Floridan aquifers, wetland and lake monitoring is budgeted separately under Aquifer Exploration and Monitor Well Drilling Program. It includes contracted well construction of permanent and temporary wells and associated materials such as casings and cement.			
Other Project Costs:	For FY2024, \$150,000 is budgeted for acquisition of perpetual easements in support of the District's network of groundwater monitoring wells. This includes the purchase of perpetual easements and associated ancillary costs such as surveys, appraisals, title insurance, environmental site assessments, and documentary stamps. It is projected that \$150,000 will be required annually from FY2025 through FY2028 based on background information that has been acquired for the sites. Funding for future years pending Governing Board approval through the annual budget process.			
Anticipated Initial Operating Costs:	District staff time and travel costs associated with this project are to be determined and are excluded from the amounts referenced.			
Anticipated Continuing Operating Costs:	There are no additional recurring operating costs anticipated at this time.			
Funding				
FY2024 Requested	FY2025 Future Funding	FY2026 Future Funding	FY2027 Future Funding	FY2028 Future Funding
\$150,000	\$150,000	\$150,000	\$150,000	\$150,000

Project No: S097	Florida Forever Work Plan Land Purchases			
Program:	Land Acquisition, Restoration and Public Works			
Activity:	Land Acquisition			
Project Type:	Lands Acquired through the Florida Forever Program			
Physical Location:	District's 16-County Region			
Physical Description:	To Be Determined			
Expected Completion Date:	Ongoing			
Plan Linkages:	Strategic Plan; Watershed Management Plans; SWIM Plans; Southern Water Use Caution Area			
Area(s) of Responsibility:	Natural Systems			
Description				
Background:	The District has recognized land acquisition as one of its primary tools for achieving its statutory responsibilities. Section 373.139, Florida Statutes, authorizes the District to acquire fee simple or less-than-fee interests to the lands necessary for flood control, water storage, water management, conservation and protection of water resources, aquifer recharge, water resource and water supply development, and preservation of wetlands, streams and lakes. The District purchases land and interests in land through fee simple land acquisition and acquisition of less-than-fee simply interests (e.g., conservation easements) under the state's Florida Forever program. This program provides funding for land acquisition and capital improvements to state agencies; the water management districts (WMDs) and local governments.			
Alternative(s):	The alternatives to purchasing necessary land or interests to achieve statutory responsibilities would be to place additional regulations and restrictions on lands requiring protection. Many of these alternatives are not within the District's authority.			
Cost				
Basic Construction Costs:	No construction costs are associated with this request.			
Other Project Costs:	It is projected that the District will have an estimated \$15,628,908 available in prior year funds generated from the sale of land or real estate interests. For FY2024, \$15,600,000 is budgeted for land acquired through the Florida Forever Work Plan. This includes funds for land acquisition and associated ancillary costs such as surveys, appraisals, title insurance, environmental site assessments, and documentary stamps. No funding is currently projected for land acquisition and associated ancillary costs from FY2025 through FY2028.			
Anticipated Initial Operating Costs:	District staff time and travel costs associated with this project are to be determined and are excluded from the amounts referenced.			
Anticipated Continuing Operating Costs:	The District acquires real estate interests for projects that would enhance its existing ownership responsibilities or provide management benefits. Depending on the size of the property, location and interest acquired, the operating costs may increase and are evaluated at the time of acquisition.			
Funding				
FY2024 Requested	FY2025 Future Funding	FY2026 Future Funding	FY2027 Future Funding	FY2028 Future Funding
\$15,600,000	\$0	\$0	\$0	\$0

Project No: C219	Districtwide HVAC, Pavement and Roof Renovations			
Program:	Land Acquisition, Restoration and Public Works			
Activity:	Facilities Construction and Major Renovations			
Project Type:	Facility Renovations			
Physical Location:	Brooksville, Tampa, Sarasota and Lake Hancock Offices			
Physical Description:	HVAC, Pavement and Roof Renovations as Required			
Expected Completion Date:	Ongoing			
Plan Linkages:	Strategic Plan			
Area(s) of Responsibility:	Water Supply, Water Quality, Flood Protection and Natural Systems			
Description				
Background:	The District currently owns and maintains three public offices in Brooksville, Tampa, and Sarasota and one field office in Bartow at Lake Hancock. These facilities consist of approximately 70 acres with a total of 265,879 square feet of buildings under roof and over 725,408 square feet of paved parking and driveways. Some of the construction dates back more than 50 years. This ongoing program was created to proactively maintain District assets and provide a safe and healthy environment for staff and the public. Heating, ventilation and air conditioning systems (HVAC), pavement, and roof renovations are planned and budgeted according to a multi-year schedule that minimizes the opportunity for building damage and loss of staff productivity. Renovations do not change the function of existing facilities, they simply maintain them in the state of their intended use.			
Alternative(s):	If the Districtwide HVAC, pavement and roof renovations are not funded, the facilities maintenance costs are expected to increase significantly as additional maintenance activities are required to keep facilities in a safe and operational order. Not funding the projects would allow for degraded and deteriorated conditions requiring extensive restoration, such as moisture damage to buildings and expanded pavement cracks, resulting in higher costs than currently proposed. These projects are prioritized in a proactive effort to avoid damage and unnecessary costs while maximizing the life of the equipment, structures and grounds.			
Cost				
Basic Construction Costs:	Funding for future years pending Governing Board approval through the annual budget process. FY2024 - Brooksville Building 2 AHU and Chiller (Replacement): \$302,500 - Tampa Building 1 Chiller (Replacement): \$300,000 FY2025 - Tampa Building 1 Chiller (Replacement): \$243,000 The facilities assesment that will be completed this year will provide guidance on projects for FY2026 through FY2028.			
Other Project Costs:	There are no other additional project costs anticipated at this time.			
Anticipated Initial Operating Costs:	These costs are excluded from the funding table below.			
Anticipated Continuing Operating Costs:	There are unforeseen operating costs/savings that cannot be identified at this time.			
Funding				
FY2024 Requested	FY2025 Future Funding	FY2026 Future Funding	FY2027 Future Funding	FY2028 Future Funding
\$602,500	\$243,000	\$0	\$0	\$0

Project No: C223	Quick Change Oil Evacuation System			
Program:	Land Acquisition, Restoration and Public Works			
Activity:	Facilities Construction and Major Renovations			
Project Type:	Facility Upgrades to Fleet Shops			
Physical Location:	Tampa and Brooksville Offices			
Physical Description:	Oil recovery tanks and a pressurized oil recovery system at both locations			
Expected Completion Date:	07/2024			
Plan Linkages:	Strategic Plan			
Area(s) of Responsibility:	Water Supply, Water Quality, Flood Protection and Natural Systems			
Description				
Background:	The District provides preventative maintenance services for its fleet of vehicles, heavy equipment, agricultural equipment, boats, and small engines (units). When oil changes are performed, oil is put into the units through a modern pressurized oil pump system. Waste oil is drained and captured in and manually transferred to waste oil containers for later disposal by a vendor. This waste oil transfer practice does not allow for process controls to be placed for elimination or reduction of waste oil spillage. Putting in place a modern pressurized oil recovery system reduces the risk of spillage by direct transfer from the units to the waste oil tanks, allows safer conditions for oil changes, and eliminates the risk of oil leaks due to improper torque of the drain plug. Further, the system modernizes technologies used for fleet management processes.			
Alternative(s):	Continue with current business practices and associated risks.			
Cost				
Basic Construction Costs:	\$150,000			
Other Project Costs:	There are no other project costs anticipated at this time.			
Anticipated Initial Operating Costs:	There are no additional initial operating costs with this request.			
Anticipated Continuing Operating Costs:	There are no additional recurring operating costs with this request.			
Funding				
FY2024 Requested	FY2025 Future Funding	FY2026 Future Funding	FY2027 Future Funding	FY2028 Future Funding
\$150,000	\$0	\$0	\$0	\$0

Project No: SA12	Land Enhancement			
Program:	Operation and Maintenance of Works and Lands			
Activity:	Land Management			
Project Type:	Installation of a new septic system and construction of carport.			
Physical Location:	Potts Preserve property adjacent to the Dee River Road campground. There is an existing power-meter and well at this site along with a concrete slab.			
Physical Description:	Septic tank and drainfield to service volunteer campground host site, as well as a 30x35x12 (1,050 sq-ft) carport with 26ga Galvalume roofing.			
Expected Completion Date:	05/2024			
Plan Linkages:	Land Management is a core business process identified in the District's strategic plan. Protecting the equipment utilized to maintain District lands is a strategy to continue efficient management of conservation lands. As outlined in Ch. 373.1391, F.S. District lands shall be maintained to ensure a balance between public access, general public recreation, and protection and restoration of their natural state and condition.			
Area(s) of Responsibility:	Natural Systems			
Description				
Background:	The purpose of the septic system and carport is to create a camp host site for a volunteer to oversee and maintain the campgrounds at Potts Preserve. Having an onsite camp host will provide a presence to help minimize nefarious activities, as well as improve overall appearance of the campgrounds through an improved maintenance schedule without taking staff away from their other land management responsibilities.			
Alternative(s):	There are no alternatives to this request. If this site is not developed, the District will have to continue to operate as is and be a presence in the campgrounds when time permits.			
Cost				
Basic Construction Costs:	The FY2024 funding request of \$16,500 is for the installation of a new septic system and construction of carport. The cost includes all site preparation, materials, and installation/construction.			
Other Project Costs:	There are no other additional project costs anticipated with this request.			
Anticipated Initial Operating Costs:	Permitting and associated staff time to oversee installation of the septic system and construction of the carport.			
Anticipated Continuing Operating Costs:	Minimal costs are expected with the septic system which will include periodic maintenance of the septic system. In addition, there will be monthly utility fees associated with the camp host electricity usage, which is expected to be less than \$100/month.			
Funding				
FY2024 Requested	FY2025 Future Funding	FY2026 Future Funding	FY2027 Future Funding	FY2028 Future Funding
\$16,500	\$0	\$0	\$0	\$0

Project No: SK04/SH08	Pole Barn for Heavy Equipment Storage at Green Swamp East and West			
Program:	Operation and Maintenance of Works and Lands			
Activity:	Land Management			
Project Type:	Land Enhancement			
Physical Location:	Green Swamp East: Adjacent to the wildlife management area check-station where heavy equipment is currently stored not under cover. Green Swamp West: Adjacent to the well house where equipment is being stored and maintained on Ranch Road just east of the River Road Gate.			
Physical Description:	Green Swamp East/West: 40x96x16 Open Pole Barn with (1) 24' Header Truss, 29ga Galvalume roofing (3,840 sq-ft), and 8x8x22 posts with rebar at both properties.			
Expected Completion Date:	Green Swamp East: 05/2024 Green Swamp West: 05/2025			
Plan Linkages:	Land Management is a core business process identified in the District's strategic plan. Protecting the equipment utilized to maintain District lands is a strategy to continue efficient management of conservation lands.			
Area(s) of Responsibility:	Natural Systems			
Description				
Background:	The purpose of these pole barns are to keep District heavy equipment out of the elements while not being used. There will be up to 7 bays for storage of skidders, tractors, grader, dozer plow units, and transports. Additionally, these barns will provide a necessary under cover area out of the elements for Operations staff to perform routine maintenance activities, as well as Fleet staff to conduct on-site repairs or more involved maintenance.			
Alternative(s):	If these pole barns are not constructed, the heavy equipment will remain parked out in the elements, and there will continue to be no under cover area to maintain and repair this equipment which requires daily maintenance.			
Cost				
Basic Construction Costs:	The FY2024 funding request of \$35,000 is for construction of a pole barn at the Green Swamp East property. The cost of the pole barn of \$9.11 per square foot includes site preparation, materials, and construction. An additional \$35,000 will be requested in FY2025 for a pole barn at the Green Swamp West property. Funding for future years pending Governing Board approval through the annual budget process.			
Other Project Costs:	No other project costs associated with this request have been identified.			
Anticipated Initial Operating Costs:	There are no additional initial operating costs with this request.			
Anticipated Continuing Operating Costs:	There are no additional recurring operating costs with this request.			
Funding				
FY2024 Requested	FY2025 Future Funding	FY2026 Future Funding	FY2027 Future Funding	FY2028 Future Funding
\$35,000	\$35,000	\$0	\$0	\$0

Project No: SM04	Hampton Tract Security Site Improvements at Green Swamp East			
Program:	Operations and Maintenance of Works and Lands			
Activity:	Land Management			
Project Type:	Land Enhancement			
Physical Location:	Green Swamp East Property at 14980 Rock Ridge Road, Lakeland, Florida			
Physical Description:	30x45x14 (1,350 sq-ft) open pole barn with 29ga Galvalume roofing, as well as a concrete slab.			
Expected Completion Date:	09/2024			
Plan Linkages:	Land Management is a core business process identified in the District's strategic plan. Providing security on District Lands is a strategy to protect the District's investment in land resources. As outlined in Ch. 373.1391, F.S. District lands shall be maintained to ensure a balance between public access, general public recreation, and protection and restoration of their natural state and condition.			
Area(s) of Responsibility:	Natural Systems			
Description				
Background:	The purpose of replacing the existing residence with a pole barn is to retain ongoing security services performed by Florida Fish and Wildlife Conservation Commission (FWC) Law Enforcement in Green Swamp East and the surrounding area. This will allow officers with RV trailers to park beneath the pole barn while living onsite, and thus alleviating the District from ongoing maintenance of a residence. The existing residence is at end of useful life and is cost prohibitive to perform large maintenance or repairs. The District receives a greater cost benefit to security services on its lands by having onsite security than through the security contract.			
Alternative(s):	The two alternatives would be to 1.) Replace of the existing residence at a higher cost of up to \$90,000, or 2.) Remove the existing trailer and not facilitate a space for a new officer, which would result in the loss of an onsite security officer. Additionally, funds would be required to obtain comparable security services (minimum \$1,000/month per property covered) at the property.			
Cost				
Basic Construction Costs:	The FY2024 funding request of \$25,000 is for the cost (18.51 per sq-ft) of site preparation, materials, and installation/construction of the pole barn.			
Other Project Costs:	The demolition/hauling of the existing residence trailer is in the FY2024 budget for \$8,000.			
Anticipated Initial Operating Costs:	There are no other additional project costs anticipated with this request.			
Anticipated Continuing Operating Costs:	There are no additional recurring operating costs with this request.			
Funding				
FY2024 Requested	FY2025 Future Funding	FY2026 Future Funding	FY2027 Future Funding	FY2028 Future Funding
\$25,000	\$0	\$0	\$0	\$0

Project No: B67H	Flood Control Structure Gate Replacement and Drum & Cable Conversions																																												
Program:	Operation and Maintenance of Works and Lands																																												
Activity:	Works																																												
Project Type:	Structure Refurbishment/Modification																																												
Physical Location:	Districtwide																																												
Physical Description:	Structure Gates and Lifting Systems																																												
Expected Completion Date:	09/2028																																												
Plan Linkages:	Strategic Plan																																												
Area(s) of Responsibility:	Flood Protection																																												
Description																																													
Background:	The District owns 15 flood control structures most of which are associated with the Four River Basins Federal project. Five of the owned flood control structures are classified as High Hazard Potential Facilities, meaning that a failure or misoperation has the potential to result in loss of human life and significant property destruction. A failure of any of these flood control structures has the potential to cause public health and safety, property, financial, environmental, and function impacts. There are a total of 39 water control gates of various types and sizes associated with the 15 District-owned flood control structures. There are 28 gates with hydraulic lift systems that are aging which are the focus of this project. Fourteen of the 28 gates and hydraulic lift systems are over 50 years old. This project is for the replacement, where needed, of the existing carbon steel gates with stainless steel gates. These stainless steel gates will not require routine recoating, like carbon steel gates, greatly reducing future maintenance costs. Recoating of a carbon steel gate can cost as much as \$400,000 per gate each time it is needed (12-15 year cycles). This project also includes converting the existing hydraulic lift systems with electric drum and cable lift systems. These electric drum and cable systems will require less maintenance and are more reliable than the existing hydraulic systems.																																												
Alternative(s):	If the District does not replace the aging water control gates and associated hydraulic lift systems, maintenance costs will continue to increase and the reliability of these critical flood control structures will decrease resulting in increased risk of failures.																																												
Cost																																													
Basic Construction Costs:	Total Engineering and Construction Costs for Gate Replacements and Drum & Cable Lift System Conversions: \$25,250,000* Total Engineering Services for design and construction oversight: \$1,690,000 Total Construction: \$23,560,000 <table><tr><td></td><td>No. of</td><td>Gate</td><td>Lift System</td><td>Construction</td></tr><tr><td>Structure</td><td>Gates</td><td>Replacements</td><td>Conversions</td><td>per Structure</td></tr><tr><td>S-160</td><td>6</td><td>\$3,300,000</td><td>\$3,300,000</td><td>\$6,600,000</td></tr><tr><td>S-162</td><td>7</td><td>\$3,710,000</td><td>\$3,710,000</td><td>\$7,420,000</td></tr><tr><td>S-551</td><td>4</td><td>\$2,190,000</td><td>\$2,190,000</td><td>\$4,380,000</td></tr><tr><td>S-161</td><td>2</td><td>\$1,130,000</td><td>\$1,130,000</td><td>\$2,260,000</td></tr><tr><td>S-155</td><td>2</td><td>N/A</td><td>\$1,160,000</td><td>\$1,160,000</td></tr><tr><td>S-159u</td><td>2</td><td>N/A</td><td>\$1,740,000</td><td>\$1,740,000</td></tr></table> * Funding began in FY2021, with a total of \$340,000 through FY2023. Funding schedule is based on known information at this time. Future funding amounts and timing have the potential to change based on unforeseeable circumstances and subject to future Governing Board approval.						No. of	Gate	Lift System	Construction	Structure	Gates	Replacements	Conversions	per Structure	S-160	6	\$3,300,000	\$3,300,000	\$6,600,000	S-162	7	\$3,710,000	\$3,710,000	\$7,420,000	S-551	4	\$2,190,000	\$2,190,000	\$4,380,000	S-161	2	\$1,130,000	\$1,130,000	\$2,260,000	S-155	2	N/A	\$1,160,000	\$1,160,000	S-159u	2	N/A	\$1,740,000	\$1,740,000
	No. of	Gate	Lift System	Construction																																									
Structure	Gates	Replacements	Conversions	per Structure																																									
S-160	6	\$3,300,000	\$3,300,000	\$6,600,000																																									
S-162	7	\$3,710,000	\$3,710,000	\$7,420,000																																									
S-551	4	\$2,190,000	\$2,190,000	\$4,380,000																																									
S-161	2	\$1,130,000	\$1,130,000	\$2,260,000																																									
S-155	2	N/A	\$1,160,000	\$1,160,000																																									
S-159u	2	N/A	\$1,740,000	\$1,740,000																																									
Other Project Costs:	There are no other project costs anticipated at this time.																																												
Anticipated Initial Operating Costs:	District staff time and travel costs associated with this project are to be determined and are excluded from the amounts referenced.																																												
Anticipated Continuing Operating Costs:	There are no additional recurring operating costs anticipated at this time.																																												
Funding																																													
FY2024 Requested	FY2025 Future Funding	FY2026 Future Funding	FY2027 Future Funding	FY2028 Future Funding																																									
\$7,250,000	\$7,640,000	\$4,710,000	\$2,410,000	\$2,900,000																																									

Project No: C687	Water Control Structure Control System Replacements			
Program:	Operation and Maintenance of Works and Lands			
Activity:	Works			
Project Type:	Structure Enhancement			
Physical Location:	District Structures			
Physical Description:	Up to 43 water control structures			
Expected Completion Date:	09/2027			
Plan Linkages:	Strategic Plan			
Area(s) of Responsibility:	Flood Protection, Natural Systems, and Water Supply			
Description				
Background:	Previously, remote operability was added to structures without standardization of equipment, wiring, and routing. Structures lack wiring diagrams. Additionally, the main components associated with the remote operability have reached or exceeded their useful life. The remote operability of the District's water control structures is critical to protecting life and property within the region.			
Alternative(s):	If not funded, the remote operability of the District's most critical water control structures would be increasingly unreliable and unexpected failures would increase. These structures protect life and property so a failure or misoperation presents a significant risk. Additionally, the increasing number of failures will increase maintenance and repair costs.			
Cost				
Basic Construction Costs:	For FY2024, \$250,000 is budgeted for the design to replace the control system of up to 43 of the District's remotely operated structures. Construction costs in FY2025 are anticipated to be \$2,150,000 with implementation occurring over three years. Funding for future years pending Governing Board approval through the annual budget process.			
Other Project Costs:	There are no other additional project costs anticipated.			
Anticipated Initial Operating Costs:	There are no additional initial operating costs.			
Anticipated Continuing Operating Costs:	There are no additional ongoing operating costs.			
Funding				
FY2024 Requested	FY2025 Future Funding	FY2026 Future Funding	FY2027 Future Funding	FY2028 Future Funding
\$250,000	\$2,150,000	\$0	\$0	\$0

Project No: C689	Lake Hancock Wetland Treatment System Remote Operation			
Program:	Operation and Maintenance of Lands and Works			
Activity:	Works			
Project Type:	Facility Enhancement			
Physical Location:	Lake Hancock Wetland Treatment Facility Cell Structures			
Physical Description:	Five water control structures will have their operational capabilities upgraded from manual to remote			
Expected Completion Date:	09/2024			
Plan Linkages:	Strategic Plan			
Area(s) of Responsibility:	Water Quality			
Description				
Background:	Water is pumped from Lake Hancock into the wetland treatment cells. The five structures are used to control flow of water through the wetland treatment cells and control the water that flow out of the cells and eventually into the Peace River. Presently, these structures are operated manually which presents an operational inefficiency due to the location and frequency of operations. The project would provide operational capabilities of the five structures remotely.			
Alternative(s):	Without remote capabilities, these structures will need to be manually operated by staff.			
Cost				
Basic Construction Costs:	In FY2024, \$148,000 is budgeted to upgrade the Lake Hancock Treatment Cell structures from manual to remote capabilities. No future funding is required.			
Other Project Costs:	There are no other project costs anticipated at this time.			
Anticipated Initial Operating Costs:	There are no additional initial operating costs.			
Anticipated Continuing Operating Costs:	Future operating costs will include service fees for the IP modems at each structure and the electricity costs. However, there will be an overall reduction in operating costs when compared to the current operation costs.			
Funding				
FY2024 Requested	FY2025 Future Funding	FY2026 Future Funding	FY2027 Future Funding	FY2028 Future Funding
\$148,000	\$0	\$0	\$0	\$0

Project No: C691	S-551 Flood Control Structure Cathodic Protection System			
Program:	Operation and Maintenance of Works and Lands			
Activity:	Works			
Project Type:	Structure Enhancement			
Physical Location:	On Lake Tarpon Outfall Canal (C-531), south end of Lake Tarpon in Pinellas County			
Physical Description:	Reinforced-concrete, gated, four-bay spillway with ogee weirs. Each bay contains hydraulically-powered hoist machinery that operates a 22-foot-wide by 11.1 foot-high sluice gate installed on the crest of the weir. Each sluice gate is equipped with an independently operated set of 4 weir gates for a total of 16 weir gates.			
Expected Completion Date:	06/2025			
Plan Linkages:	Strategic Plan			
Area(s) of Responsibility:	Flood Protection			
Description				
Background:	Structure 551 (S-551) is a critical flood control structure on the Lake Tarpon Outfall Canal which provides flood protection benefits to Lake Tarpon and prevents saltwater intrusion into the lake. Construction of S-551 was completed in January of 1969 and has been in continuous operation since then. Construction was completed prior to the industry practice of utilizing coated rebar in reinforced concrete in saltwater-affected environments. As a result, the structure has experienced corrosion of the structural rebar resulting in damage to the concrete as documented by state-licensed engineers contracted by the District. According to the USDA Southeast Regional Climate Hub, "Salinization is expected to increase as sea levels continue to rise. Rising sea levels will inundate lands, increase tide and storm surge levels, and push saltwater farther inland through ditches and tidal creeks." The sea level rise will present two risks to Structure 551: (1) expose the structure to a higher salt concentration that is being pushed up the Lake Tarpon Outfall Canal, and (2) increases to the wetted area of the structure (more of the structure will be exposed to tide over time) increasing the area impacted by corrosive salt that migrates through the concrete to the steel rebar. This project will repair existing damage resulting from rebar corrosion in preparation to install a cathodic protection system to help prevent corrosion from the current and future saltwater conditions and extend the useful life of the reinforced concrete portion of this critical structure protecting lives, property, and the environment.			
Alternative(s):	If the project is not funded, the risks associated with the likelihood of failure would increase which would reduce or negate the flood protection level of service provided to the served communities. The repair costs associated with concrete damage would continue to increase while not addressing the root cause, rebar corrosion, which is expected to worsen as sea levels rise. This unmitigated corrosion and resulting concrete damage would likely decrease the useful life of the reinforced concrete portion of this structure, maintenance and repair costs (staff time, materials, and service costs) will continue to increase, and a costly capital project to replace the entire structure will be needed sooner than desired.			
Cost				
Basic Construction Costs:	Total anticipated cost of construction is \$1,151,725, with \$351,725 budgeted in prior years, and \$800,000 requested in FY2024.			
Other Project Costs:	\$128,275 has been budgeted in prior years for Design and Bid/Construction, Engineering, and Inspection Services			
Anticipated Initial Operating Costs:	\$28,000 for general operation and maintenance			
Anticipated Continuing Operating Costs:	\$28,000 for general operation and maintenance			
Funding				
FY2024 Requested	FY2025 Future Funding	FY2026 Future Funding	FY2027 Future Funding	FY2028 Future Funding
\$800,000	\$0	\$0	\$0	\$0

Project No: C692	S-160 Flood Control Structure Cathodic Protection System			
Program:	Operation and Maintenance of Works and Lands			
Activity:	Works			
Project Type:	Structure Enhancement			
Physical Location:	On the Tampa Bypass Canal (C-135), about 1,500 feet north of State Road 60 in Hillsborough County			
Physical Description:	Reinforced concrete, gated, six-bay spillway with ogee weirs. Each bay contains hydraulically-powered hoist machinery that operates a 22-foot-wide by 11.1 foot-high sluice gate installed on the crest of the weir. Each sluice gate is equipped with an independently operated set of 4 weir gates for a total of 24 weir gates.			
Expected Completion Date:	6/2025			
Plan Linkages:	Strategic Plan			
Area(s) of Responsibility:	Flood Protection and Water Supply			
Description				
Background:	Structure 160 (S-160) is a critical flood control structure that is part of the Tampa Bypass Canal system (TBC) which protects the cities of Tampa and Temple Terrace from river flooding during high rain events such as hurricanes. The TBC, including S-160, protects the cities by diverting water off the Hillsborough River and moves that water safely around the cities and out to McKay Bay. Construction of S-160 was completed in December of 1968 and has been in continuous operation since then. Construction was completed prior to the industry practice of utilizing coated rebar in reinforced concrete in saltwater-affected environments. As a result, the structure has experienced corrosion of the structural rebar resulting in damage to the concrete as documented by state-licensed engineers contracted by the District. According to the USDA Southeast Regional Climate Hub, "Salinization is expected to increase as sea levels continue to rise. Rising sea levels will inundate lands, increase tide and storm surge levels, and push saltwater farther inland through ditches and tidal creeks." The sea level rise will present two risks to Structure 160; (1) expose the structure to a higher salt concentration that is being pushed up tidal creeks like the Palm River, and (2) increases to the wetted area of the structure (more of the structure will be exposed to tide over time) increasing the area impacted by corrosive salt that migrates through the concrete to the steel rebar. This cathodic protection system will help prevent catastrophic failure of a flood control structure that is currently protecting lives and property. This project will repair existing damage resulting from rebar corrosion in preparation to install a cathodic protection system to help prevent corrosion from the current and future saltwater conditions and extend the useful life of the reinforced concrete portion of this critical structure protecting lives, property, and the environment.			
Alternative(s):	If the project is not funded, the risks associated with the likelihood of failure would increase which would reduce or negate the flood protection level of service provided to the served communities. The repair costs associated with concrete damage would continue to increase while not addressing the root cause, rebar corrosion, which is expected to worsen as sea levels rise. This unmitigated corrosion and resulting concrete damage would likely decrease the useful life of the reinforced concrete portion of this structure, maintenance and repair costs (staff time, materials, and service costs) will continue to increase, and a costly capital project to replace the entire structure will be needed sooner than desired.			
Cost				
Basic Construction Costs:	Total anticipated cost of construction is \$2,500,000 requested in FY2024.			
Other Project Costs:	\$233,975 has been budgeted in prior years for Design and Bid/Construction, Engineering, and Inspection Services			
Anticipated Initial Operating Costs:	\$24,000 for general operation and maintenance			
Anticipated Continuing Operating Costs:	\$24,000 for general operation and maintenance			
Funding				
FY2024 Requested	FY2025 Future Funding	FY2026 Future Funding	FY2027 Future Funding	FY2028 Future Funding
\$2,500,000	\$0	\$0	\$0	\$0

Project No: C005/C007	Aquifer Exploration and Monitor Well Drilling Program			
Program:	Water Resource Planning and Monitoring			
Activity:	Research, Data Collection, Analysis and Monitoring			
Project Type:	Monitor Well Construction and Associated Activities			
Physical Location:	District's 16-County Region			
Physical Description:	Monitor Wells			
Expected Completion Date:	Ongoing			
Plan Linkages:	Strategic Plan, CFWI Data Management and Investigations Team (DMIT) FY2020-FY2025 Hydrologic Data Section Work Plan, Water Quality Monitoring Program Section Work Plan, and the Geohydrologic Data Section FY2024 Work Plan.			
Area(s) of Responsibility:	Water Supply, Water Quality and Natural Systems			
Description				
Background:	This an ongoing program for coring, drilling, testing, and construction of monitor wells at Regional Observation and Monitor well Program (ROMP) sites and special project sites including the Central Florida Water Initiative (CFWI) region. The ROMP was established in 1974 to construct a Districtwide network of groundwater monitoring wells to provide key information concerning existing hydrologic conditions of groundwater sources (s. 373.145 Florida Statutes). In recent years, the ROMP has expanded to include the drilling and construction (and associated data collection activities) of numerous wells associated with key special projects such as the Northern Tampa Bay Water Use Caution Area wellfield recovery monitoring, the Northern Water Resources Assessment Project, and the Southern Water Use Caution Area and the Central Florida Water Initiative. Exploratory drilling and intensive data collection efforts are performed by District staff and well construction is generally performed under contract with private sector drilling firms. Drilling and testing will be performed at key well sites to characterize the hydrogeology from land surface to the salt water interface or base of the potable aquifer zone within the Upper Floridan aquifer. Certain sites will also include exploratory data collection activities to characterize the middle confining units and Lower Floridan aquifers. Each well site will have permanent monitor wells installed into the surficial, intermediate, Upper Floridan and Lower Floridan aquifers, as needed. In addition, most well sites will have temporary observation wells installed for conducting aquifer performance tests. The data collected during construction of the well sites will be used in numerous District projects including models for water supply development, rulemaking for minimum flows and levels, and long term water level and water quality monitoring.			
Alternative(s):	Impact: Hydrogeologic Data necessary for supporting groundwater modeling efforts, monitoring saltwater intrusion, establishing minimum flows and levels will not be collected. Alternative: The monitor wells are currently constructed by private sector well drilling companies. District would have to purchase well drilling drill rigs to perform the well construction in-house.			
Cost				
Basic Construction Costs:	The FY2024 funding request of \$3,742,000 is for construction of monitor wells at ROMP sites and special project sites including the CFWI region. Funding for future years pending Governing Board approval through the annual budget process. FY2024: \$3,742,000 FY2025: \$860,000 FY2026: \$1,339,000 FY2027: \$1,217,000 FY2028: \$3,869,000			
Other Project Costs:	No other project costs associated with this request have been identified.			
Anticipated Initial Operating Costs:	FY2024: Monitor Well Water Level Instrumentation Cost (Initial) Equipment and Supplies Cost: \$42,185 Installation Labor Cost: \$2,310			
Anticipated Continuing Operating Costs:	Monitor Well Water Level Instrumentation (Continuing) Annual O&M Labor Cost: \$3,606			
Funding				
FY2024 Requested	FY2025 Future Funding	FY2026 Future Funding	FY2027 Future Funding	FY2028 Future Funding
\$3,742,000	\$860,000	\$1,339,000	\$1,217,000	\$3,869,000