SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

Northern Region

FY2022 Cooperative Funding Initiative

Final Evaluations and Rankings

Southwest Florida Water Management District

FY2022 Proposed Cooperative Funding Initiative Projects

March 18, 2021

Page	Project	Cooperator	Project Name	Rank	District Prior Year Funding	FY2022 Proposed District Funding	District Future Funding
Northern							
Projects Ranked 1A Priority							
3	Q075	Lake County	Restoration – Pasture Reserve	1A	$200,000	$300,000	0
4	Q082	Wildwood	WMP - Wildwood Watershed Management Plan	1A	$70,000	$15,000	0
5	Q086	Dunnellon	WMP – Dunnellon Watershed Management Plan	1A	$95,000	$47,500	0
6	Q167	Citrus County	WMP – Red Level Watershed Management Plan	1A	$100,000	$75,000	$75,000
7	Q197	City of Williston	SW IMP – Flood Protection – John Henry Celebration Park Stormwater Improvements	1A	$300,000	$422,250	0
Projects Ranked High Priority							
8	Q231	Marion County	WMP – Rainbow River Watershed Management Plan Update	H	0	$153,800	$615,200
9	Q254	Citrus County	Conservation – Citrus County Water Conservation Program	H	0	$46,600	0
10	Q255	BLCCDD	Conservation – Bay Laurel CCD Water Conservation Program	H	0	$164,750	0
11	WR10	Marion County	SW IMP – Water Quality – Rainbow Springs 5th Replat Stormwater Retrofit	H	0	$424,047	0
12	WW10	Hernando County	Springs – Hernando County Septic to Sewer District A, Phase 1b	H	0	$250,000	$1,475,000
Projects Ranked Medium Priority							
13	Q207	Marion County	WMP – West Ocala WMP Update	M	0	$111,000	$111,000
14	Q230	Marion County	WMP – Gum Swamp & Big Jones Creek Watershed Management Plan Update	M	0	$126,875	$380,625
15	WH06	Citrus County	Springs – Citrus County Old Homosassa Downtown North Septic to Sewer	M	0	$250,000	$2,758,750
			Recommended for Funding Total:		**$765,000**	**$2,386,822**	**$5,415,575**
Projects Ranked Low and/or Not Recommended							
16	Q224	Citrus County	WMP – East Citrus/Withlacoochee Watershed Management Plan	L	0	$100,000	0
17	Q264	BLCCDD	Conservation – Bay Laurel Turf Grass Reduction Project	L	0	$75,000	0
18	Q043	Marion County	Springs – Marion County State Road 200 Septic to Sewer Project	N/R	0	$178,232	0
			Not Recommended for Funding Total:		**0**	**$353,232**	**0**
			Northern Region Total:		**$765,000**	**$2,740,054**	**$5,415,575**

Project No. Q075	**Restoration – Pasture Reserve**
Lake County	FY2022

Risk Level:	Type 3	**Multi-Year Contract:** Yes, Year 3 of 3

Description

Description:	Design, permitting and construction of restored uplands and wetlands, including cypress strands, marsh, mixed forested wetlands, pasture and pine flatwoods. The Cooperator will be required to convey a conservation easement over the project area to the District.
Measurable Benefit:	The contractual Measurable Benefit is the restoration and enhancement of 810 acres of uplands and wetlands. Construction will be done in accordance with permitted plans.
Costs:	Total Project Cost: $1,000,000 (Design, permitting, construction) Lake County: $500,000 District: $500,000 with $200,000 budgeted in previous years and $300,000 requested in FY2022.

Evaluation

Application Quality:	High	Application included all of the required information identified in the CFI guidelines.
Project Benefit:	High	The benefit of the project is the hydrologic restoration and enhancement of approximately 810 acres of uplands and wetlands in Pasture Reserve.
Cost Effectiveness:	High	The estimated cost/acre is below the historical average of $53,326/acre for Natural Systems Restoration.
Past Performance:	High	Based on the cooperator having no ongoing projects with the District they are ranked high.
Complementary Efforts:	High	Applicant has exotic removal/treatment Program(s), maintains “nature parks” or “open space” within its park system, and the applicant has other complementary efforts that preserve or restore natural systems.
Project Readiness:	High	Project is ongoing and on schedule.

Strategic Goals

Strategic Goals:	Medium	**Strategic Initiative - Conservation and Restoration:** Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources.

Overall Ranking and Recommendation

Fund as 1A Priority	This ongoing project is cost effective and will restore 810 acres of upland and wetland natural systems and hydrology, increasing aquifer recharge.

Funding

Funding Source	Prior	FY2022	Future	Total
District	$200,000	$300,000	$0	$500,000
Lake County	$200,000	$300,000	$0	$500,000
Total	**$400,000**	**$600,000**	**$0**	**$1,000,000**

Project No. Q082	WMP - Wildwood Watershed Management Plan
Wildwood	FY2022

Risk Level:	Type 4	**Multi-Year Contract:** Yes, Year 3 of 3

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 practice (BMP) alternative analysis for the Wildwood Watershed in Sumter County. FY2022 funding will be utilized to complete the LOS, SWRA, and BMP phase 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: $170,000 City of Wildwood: $85,000 District: $85,000 with $70,000 budgeted in previous years and $15,000 requested in FY2022.

Evaluation

Application Quality:	High	Application included all the required information identified in the CFI Guidelines.
Project Benefit:	High	The WMP will analyze flooding 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:	High	Project cost per square mile is below the historic costs ($69,100 / sq mi) for WMPs completed in urban watersheds.
Past Performance:	High	Based on the cooperator having no ongoing projects with the District they are ranked high.
Complementary Efforts:	Medium	Cooperator's Community Rating System class is 6 and is in the 6 to 9 range.
Project Readiness:	High	Project is ongoing and on schedule.

Strategic Goals

Strategic Goals:	High	**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

Fund as 1A Priority	This ongoing project identifies flood risk in an area with no detailed study information available. The resulting product will be utilized 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.

Funding

Funding Source	Prior	FY2022	Future	Total
District	$70,000	$15,000	$0	$85,000
Wildwood	$70,000	$15,000	$0	$85,000
Total	**$140,000**	**$30,000**	**$0**	**$170,000**

Project No. Q086	WMP – Dunnellon Watershed Management Plan
Dunnellon	FY2022

Risk Level:	Type 4	Multi-Year Contract: Yes, Year 3 of 3

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 practice (BMP) alternative analysis for the Dunnellon Watershed in Marion County. FY2022 funding will be utilized to complete the floodplain analysis, LOS, SWRA, and BMP elements 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: $285,000 City of Dunnellon: $142,500 District: $142,500 with $95,000 budgeted in previous years and $47,500 requested in FY2022.

Evaluation

Application Quality:	High	Application included all the required information identified in the CFI Guidelines.
Project Benefit:	High	The WMP will analyze flooding 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:	Medium	Project cost per square mile is in the mid-range of historic costs ($22,605 - $45,500 /sq mi) for WMPs completed in mixed watersheds.
Past Performance:	High	Based on the cooperator having no ongoing projects with the District they are ranked high.
Complementary Efforts:	Low	Cooperator does not participate in the CRS Program.
Project Readiness:	High	Project is ongoing and on schedule.

Strategic Goals

Strategic Goals:	High	**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

Fund as 1A Priority	This ongoing project identifies flood risk in an area with some detailed study information available. The resulting product will be utilized 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.

Funding

Funding Source	Prior	FY2022	Future	Total
District	$95,000	$47,500	$0	$142,500
Dunnellon	$95,000	$47,500	$0	$142,500
Total	**$190,000**	**$95,000**	**$0**	**$285,000**

Project No. Q167	WMP – Red Level Watershed Management Plan
Citrus County	FY2022

Risk Level:	Type 4	Multi-Year Contract: Yes, Year 2 of 3

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 practice (BMP) alternative analysis for the Red Level Watershed in Citrus County. FY2022 funding will be utilized to complete the watershed evaluation and begin the floodplain analysis phase 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: $500,000 Citrus County: $250,000 District: $250,000 with $100,000 budgeted in previous years, $75,000 requested in FY2022, and $75,000 anticipated to be requested in future years.

Evaluation		
Application Quality:	High	Application included all the required information identified in the CFI Guidelines.
Project Benefit:	High	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:	Medium	Project cost per square mile is in the mid-range of historic costs ($23,700 - $45,500 / sq mi) for WMPs completed in mixed watersheds.
Past Performance:	High	Based upon an assessment of the schedule and budget for the 6 ongoing projects.
Complementary Efforts:	High	Cooperator's Community Rating System class is 5 and is in the 5 or better range.
Project Readiness:	High	The project is ongoing and on schedule.

Strategic Goals		
Strategic Goals:	High	**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	
Fund as 1A Priority	This ongoing project identifies flood risk in an area with no 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	FY2022	Future	Total
District	$100,000	$75,000	$75,000	$250,000
Citrus County	$100,000	$75,000	$75,000	$250,000
Total	**$200,000**	**$150,000**	**$150,000**	**$500,000**

Project No. Q197	SW IMP – Flood Protection – John Henry Celebration Park Stormwater Improvements
City of Williston	FY2022

Risk Level:	Type 3	**Multi-Year Contract:** Yes, Year 2 of 2

Description

Description:	Design, permitting, and construction of stormwater improvements for the City-owned John Henry Park. Flooding occurs in the park and adjacent properties due to low topography and undersized stormwater infrastructure. The FY2022 funding request is to complete construction of the project.
Measurable Benefit:	The contractual Measurable Benefit will be the completion of design, permitting, and construction of the proposed stormwater improvement to relieve flooding at John Henry Park and adjacent properties. Construction will be done in accordance with the permitted plans.
Costs:	Total project cost: $963,000 (design, permitting, and construction) City of Williston: $240,750 (REDI Eligible Community) District: $722,250 with $300,000 budgeted in previous years and $422,250 requested in FY2022.

Evaluation

Application Quality:	High	Application included all the required information identified in the CFI Guidelines.
Project Benefit:	High	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. Ancillary water quality benefits were demonstrated along with the flood protection benefits.
Cost Effectiveness:	High	Benefit/cost ratio is greater than or equal to 1. Benefits include avoided damages to structures and roads.
Past Performance:	High	Based on the cooperator having no ongoing projects with the District they are ranked high.
Complementary Efforts:	Low	Cooperator is not participating in the CRS program at this time.
Project Readiness:	High	The project is ongoing and on schedule.

Strategic Goals

Strategic Goals:	Medium	**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

Fund as 1A Priority	This ongoing project will provide flood protection for structures and streets during the 100-year, 24-hour storm event at John Henry Park and adjacent properties and reduce pollutant loads. City of Williston qualifies for a 75% cost share as a REDI community as defined by Florida Statute. Under the Cooperative Funding Initiative Governing Board Policy, the Board can reduce the requirements for matching funds for REDI communities.

Funding

Funding Source	Prior	FY2022	Future	Total
District	$300,000	$422,250	$0	$722,250
City of Williston	$100,000	$140,750	$0	$240,750
Total	**$400,000**	**$563,000**	**$0**	**$963,000**

Project No. Q231	WMP – Rainbow River Watershed Management Plan Update
Marion County	FY2022

Risk Level:	Type 4	**Multi-Year Contract:** Yes, Year 1 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 Alternatives Analysis. FY2022 funding will be used to begin the Watershed Evaluation.
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: $1,538,000 Marion County: $769,000 District: $769,000 with $153,800 requested in FY2022 and $615,200 anticipated to be requested in future years.

Evaluation

Application Quality:	High	Application included all the required information identified in the CFI Guidelines.
Project Benefit:	High	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 Rainbow River Watershed is one of the District's top 20 priority watersheds for WMP updates.
Cost Effectiveness:	Medium	Project cost per square mile is within the mid-range of historic costs ($15,001 - $22,000 / sq mi) for WMP updates completed in mixed watersheds.
Past Performance:	High	Based upon an assessment of the schedule and budget for the 2 ongoing projects.
Complementary Efforts:	Medium	Cooperator's Community Rating System is 7 and is in the 6 to 9 range.
Project Readiness:	High	Project is ready to begin on or before December 1, 2021.

Strategic Goals

Strategic Goals:	Medium	**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

Fund as a High Priority	This 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 Rainbow River Watershed is one of the District's top 20 priority watersheds for WMP updates.

Funding

Funding Source	Prior	FY2022	Future	Total
District	$0	$153,800	$615,200	$769,000
Marion County	$0	$153,800	$615,200	$769,000
Total	**$0**	**$307,600**	**$1,230,400**	**$1,538,000**

Project No. Q254	Conservation – Citrus County Water Conservation Program
Citrus County	FY2022

Risk Level:	Type 1	Multi-Year Contract: No

Description

Description:	Make available financial incentives and services to customers for up to three conservation activities, including: residential high-efficiency toilets, residential Water Sense Labeled irrigation controllers and necessary components, and non-residential water use evaluations with a Water Sense Labeled irrigation controller and/or rain sensor where feasible and none exists. Also included are educational materials, program promotion, and surveys to ensure the success of the program. Should actual costs be less than anticipated, the Cooperator may perform more installations/rebates 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: $93,200 Citrus County: $46,600 District: $46,600

Evaluation

Application Quality:	High	Application included all the required information identified in the CFI Guidelines.
Project Benefit:	High	The benefit of this project is the conservation of approximately 16,740 to 17,677 gallons per day in the Northern Planning Region. Savings will vary based on the participation rate across the 3 possible conservation activities.
Cost Effectiveness:	Medium	Project cost effectiveness is between $3.01 and $6.00 per thousand gallons saved.
Past Performance:	High	Based upon an assessment of the schedule and budget for the 6 ongoing projects.
Complementary Efforts:	High	Applicant has the complementary efforts of: has adopted an ordinance to support year-round 1-day per week irrigation restriction, actively enforces irrigation restrictions, and has an active conservation program.
Project Readiness:	High	Project is ready to begin on or before December 1, 2021.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Conservation:** Enhance efficiencies in all water-use sectors to ensure beneficial use. **Northern Region Priority:** Ensure long-term sustainable water supply.

Overall Ranking and Recommendation

Fund as a High Priority	Project will conserve potable water in the Northern Planning Region and is cost effective.

Funding

Funding Source	Prior	FY2022	Future	Total
District	$0	$46,600	$0	$46,600
Citrus County	$0	$46,600	$0	$46,600
Total	**$0**	**$93,200**	**$0**	**$93,200**

Project No. Q255	Conservation – Bay Laurel CCD Water Conservation Program
BLCCDD	FY2022

Risk Level:	Type 1	Multi-Year Contract: No

Description

Description:	Make available financial incentives and services to residential and commercial customers for up to four conservation activities, including: replacing inefficient residential toilets with 1.28 gallon per flush high-efficiency toilets; replacing high volume shower heads with 2.0 gallons per minute WaterSense labeled showerheads; installation of evapotranspiration (ET) irrigation controllers; and landscape irrigation audits. Also included is program promotion to ensure the success of the program. Should actual costs be less than anticipated, the Cooperator may perform more installations/rebates 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: $329,500 BLCCDD share: $164,750 District: $164,750

Evaluation

Application Quality:	High	Application included all the required information identified in the CFI guidelines.
Project Benefit:	High	The benefit of this project is the conservation of approximately 27,492-35,958 gallons per day in the Northern Planning Region.
Cost Effectiveness:	Medium	Project cost effectiveness is between $3.01 and $6.01 per thousand gallons saved.
Past Performance:	High	Based upon an assessment of the schedule and budget for the 1 ongoing project.
Complementary Efforts:	High	Applicant has the complementary efforts of having an active conservation program, having water loss less than the District average, and being in the process of adopting high efficiency standards for new construction.
Project Readiness:	Medium	Project is ready to begin on or before March 1, 2022.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Conservation:** Enhance efficiencies in all water-use sectors to ensure beneficial use. **Northern Region Priority:** Ensure long-term sustainable water supply.

Overall Ranking and Recommendation

Fund as a High Priority	Project will conserve potable water supply in the Northern Planning Region and is cost effective.

Funding

Funding Source	Prior	FY2022	Future	Total
District	$0	$164,750	$0	$164,750
BLCCDD	$0	$164,750	$0	$164,750
Total	**$0**	**$329,500**	**$0**	**$329,500**

Project No. WR10	SW IMP – Water Quality – Rainbow Springs 5th Replat Stormwater Retrofit
Marion County	FY2022

Risk Level:	Type 2	**Multi-Year Contract:** No

Description	
Description:	Construction of stormwater BMP retrofits to improve water quality discharging into Rainbow Springs, a SWIM priority water body.
Measurable Benefit:	The contractual Measurable Benefit will be the construction of BMP retrofits to improve water quality discharging into Rainbow Springs from approximately 58 acres of residential watershed. Construction will be done in accordance with permitted plans. There will be no monitoring or performance testing requirements.
Costs:	Total Project Cost: $848,094 (construction) Marion County: $424,047 District: $424,047

Evaluation		
Application Quality:	High	Application included all the required information identified in the CFI Guidelines.
Project Benefit:	High	The Resource Benefit of the project is the reduction of Total Nitrogen loads to the Rainbow Springs by an estimated 102 lbs/yr.
Cost Effectiveness:	Medium	The estimated cost/lb of TN removed is between the historical average cost of $176 and $475/lb.
Past Performance:	High	Based upon an assessment of the schedule and budget for the 2 ongoing projects.
Complementary Efforts:	High	Applicant has an active stormwater utility that collects fees.
Project Readiness:	High	Project is ready to begin on or before December 1, 2021.

Strategic Goals		
Strategic Goals:	High	**Strategic Initiative - Water Quality Maintenance and Improvement:** Develop and implement programs, projects and regulations to maintain and improve water quality. **Northern Region Priority:** Improve Northern coastal spring systems.

Overall Ranking and Recommendation	
Fund as a High Priority	This project is cost effective and improves water quality discharging to Rainbow Springs, a SWIM priority water body. 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	FY2022	Future	Total
District	$0	$424,047	$0	$424,047
Marion County	$0	$424,047	$0	$424,047
Total	**$0**	**$848,094**	**$0**	**$848,094**

Project No. WW10	Springs – Hernando County Septic to Sewer District A, Phase 1b	
Hernando County		FY2022
Risk Level:	Type 2	**Multi-Year Contract:** No

Description	
Description:	30% design and third-party review of a regional wastewater collection system necessary for connection of existing residential homes in the Weeki Wachee Priority Focus Area (PFA). If constructed, a minimum of 224 existing septic systems will convert to sanitary sewer. The FY2022 funding request is for completion of 30% design and third-party review (TPR) as this project has an estimated cost greater than $5 million dollars. Governing Board approval of the TPR is required prior to initiating final design and construction.
Measurable Benefit:	The contractual Measurable Benefit will be the completion of 30% design of the proposed project for construction of a regional wastewater collection system.
Costs:	Total Project Cost: $1,666,667 (30% design, third-party review and additional design) Hernando County share: $250,000 District share: $250,000; The conceptual estimate for total project cost, including design completion, permitting and construction is $11,500,000. It is anticipated the County will request funding to complete design, permitting and construction in future years. FDEP share: $1,166,667 (additional design); $6,883,333 anticipated to be budgeted in future years.

Evaluation		
Application Quality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with cooperator to obtain remaining required information.
Project Benefit:	High	The Resource Benefit of this water quality project is the reduction of pollutant loads by an estimated 2,305 lbs/yr TN. There will be no monitoring or performance testing requirements. The project is located within the PFA of the Weeki Wachee basin management action plan (BMAP), a SWIM priority water body.
Cost Effectiveness:	Medium	For wastewater projects, the estimated cost/lb of TN ($166) is lower than the average cost of $176/lb for District funded water quality projects and is above what would be considered a highly effective project of $100/lb. On average, this project allocates approximately $51,339 for each residential septic tank removed.
Past Performance:	Medium	Based upon an assessment of the schedule and budget for the 2 ongoing projects.
Complementary Efforts:	Low	This project does not have a local ordinance in place in line with Section 381.0065, Florida Statutes, requiring sewage hookup within 365 days of availability.
Project Readiness:	High	Project is ready to begin on or before December 1, 2021.

Strategic Goals		
Strategic Goals:	High	**Strategic Initiative - Water Quality Maintenance and Improvement:** Develop and implement programs, projects and regulations to maintain and improve water quality. **Northern Region Priority:** Improve Northern coastal spring systems.

Overall Ranking and Recommendation	
Fund as a High Priority	The requested funds are to complete 30% design and TPR. The results will provide the District with better information to confirm the cost effectiveness of the project. This project is located within the Weeki Wachee PFA, a SWIM priority water body, and continues the County's efforts to improve water quality. If selected for funding, the District will only fund the project if FDEP also contributes funds and the Cooperator demonstrates appropriate controls are in place.

Funding

Funding Source	Prior	FY2022	Future	Total*
District	$0	$250,000	$1,475,000	$1,725,000
Hernando County	$0	$250,000	$1,475,000	$1,725,000
FDEP	$0	$1,166,667	$6,883,333	$8,050,000
Total	**$0**	**$1,666,667**	**$9,833,333**	**$11,500,000**

*Conceptual cost estimate, subject to Governing Board Approval

Project No. Q207	WMP – West Ocala WMP Update	
Marion County		FY2022
Risk Level:	Type 4	**Multi-Year Contract:** Yes, Year 1 of 2

Description	
Description:	Complete a Watershed Management Plan (WMP) update for the West Ocala Watershed in Marion County, including watershed evaluation, floodplain analysis, and alternatives analysis. FY2022 funding will be used to begin the watershed evaluation.
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: $444,000 Marion County: $222,000 District: $222,000 with $111,000 requested in FY2022 and $111,000 anticipated to be requested in future years.

Evaluation		
Application Quality:	High	Application included all the required information identified in the CFI Guidelines.
Project Benefit:	Medium	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:	Medium	Project cost per square mile is within the mid-range of historic costs ($15,001 - $22,000 / sq mi) for WMP updates completed in mixed watersheds.
Past Performance:	High	Based upon an assessment of the schedule and budget for the 2 ongoing projects.
Complementary Efforts:	Medium	Cooperator's Community Rating System is 7 and is in the 6 to 9 range.
Project Readiness:	High	Project is ready to begin on or before December 1, 2021.

Strategic Goals		
Strategic Goals:	Medium	**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	
Fund as a Medium Priority	This 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.

Funding

Funding Source	Prior	FY2022	Future	Total
District	$0	$111,000	$111,000	$222,000
Marion County	$0	$111,000	$111,000	$222,000
Total	**$0**	**$222,000**	**$222,000**	**$444,000**

Project No. Q230	WMP – Gum Swamp & Big Jones Creek Watershed Management Plan Update
Marion County	FY2022

Risk Level:	Type 4	**Multi-Year Contract:** Yes, Year 1 of 4

Description

Description:	Complete a Watershed Management Plan (WMP) update for the Gum Swamp & Big Jones Creek Watershed in Marion County, including Watershed Evaluation, Floodplain Analysis, and Alternatives Analysis. FY2022 funding will be used to begin the Watershed Evaluation.
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: $1,015,000 Marion County: $507,500 District: $507,500 with $126,875 requested in FY2022 and $380,625 anticipated to be requested in future years.

Evaluation

Application Quality:	High	Application included all the required information identified in the CFI Guidelines.
Project Benefit:	Medium	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:	Medium	Project cost per square mile is within the mid-range of historic costs ($15,001 - $22,000 / sq mi) for WMP updates completed in mixed watersheds.
Past Performance:	High	Based upon an assessment of the schedule and budget for the 2 ongoing projects.
Complementary Efforts:	Medium	Cooperator's Community Rating System is 7 and is in the 6 to 9 range.
Project Readiness:	High	Project is ready to begin on or before December 1, 2021.

Strategic Goals

Strategic Goals:	Medium	**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

Fund as a Medium Priority	This 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.

Funding

Funding Source	Prior	FY2022	Future	Total
District	$0	$126,875	$380,625	$507,500
Marion County	$0	$126,875	$380,625	$507,500
Total	**$0**	**$253,750**	**$761,250**	**$1,015,000**

Project No. WH06	Springs – Citrus County Old Homosassa Downtown North Septic to Sewer	
Citrus County		FY2022
Risk Level:	Type 2	**Multi-Year Contract:** No

Description	
Description:	30% design and third-party review (TPR) of a regional wastewater collection system necessary for connection of existing properties within the Homosassa-Chassahowitzka Priority Focus Area (PFA). If constructed, a minimum of 135 existing septic systems will convert to sewer. District funding is for 30% design and TPR as this project has an estimate greater than $5 million dollars.
Measurable Benefit:	The contractual Measurable Benefit of this project will be the completion of 30% design of this proposed project to construct a regional wastewater collection system.
Costs:	Total project cost: $1,000,000 (30% design, third-party review and additional design) Citrus County: $250,000 District: $250,000; The conceptual estimate for total project costs, including design completion, permitting, and construction is $12,035,000. It is anticipated the County will request funding to complete design, permitting and construction in future years. FDEP share: $500,000 (additional design); $5,517,500 anticipated to be budgeted in future years

Evaluation		
Application Quality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with County to obtain remaining required information.
Project Benefit:	Medium	The resource benefit, if constructed, is the reduction of pollutant loads by an estimated 1,389 lbs/yr TN. There will be no monitoring or performance testing requirements. The project is located within the PFA of the Chassahowitzka-Homosassa Springs basin management action plan. This benefit calculation differs from standard FDEP methodology as this project will impact the Homosassa River instead of the nearby spring vents.
Cost Effectiveness:	Low	For wastewater projects, the estimated cost/lb of TN ($288.74) is higher than the cost of $176/lb for District funded water quality projects. On average, this project allocates approximately $89,148 for each residential septic tank removed.
Past Performance:	High	Based upon an assessment of the schedule and budget for the 6 ongoing projects.
Complementary Efforts:	Medium	The Cooperator has an ordinance in line with F.S. 381.00655 to require sewage hookup within 365 days of availability.
Project Readiness:	High	Project is ready to begin on or before December 1, 2021.

Strategic Goals		
Strategic Goals:	High	**Strategic Initiative - Water Quality Maintenance and Improvement:** Develop and implement programs, projects and regulations to maintain and improve water quality. **Northern Region Priority:** Improve Northern coastal spring systems.

Overall Ranking and Recommendation	
Fund as a Medium Priority	Requested funds are to complete 30% design and TPR. The results will provide the District with better information to confirm the cost effectiveness of the project. This project is located within the Chassahowitzka-Homosassa PFA and continues the County's efforts to improve water quality. The project's lower cost effectiveness is primarily due to increased costs of construction within the unique karst geology of the project area. Given the proximity of the project within the Homsoassa Springs complex and Homosassa River, and the ability to further reduce nutrient loading to these systems, the overall project is ranked as Medium. If selected for funding, the District will only fund the project if FDEP also contributes funds and the Cooperator demonstrates appropriate controls are in place.

Funding

Funding Source	Prior	FY2022	Future	Total*
District	$0	$250,000	$2,758,750	$3,008,750
Citrus County	$0	$250,000	$2,758,750	$3,008,750
FDEP	$0	$500,000	$5,517,500	$6,017,500
Total	**$0**	**$1,000,000**	**$11,035,000**	**$12,035,000**

*Conceptual cost estimate, subject to Governing Board Approval

Project No. Q224	WMP – East Citrus/Withlacoochee Watershed Management Plan
Citrus County	FY2022

Risk Level:	Type 4	**Multi-Year Contract:** No

Description

Description:	Complete the alternative analysis portion of the Watershed Management Plan (WMP) for the East Citrus / Withlacoochee Watershed in Citrus County. Governing Board approved floodplains were developed in September 2015. Requested FY2022 funds would have been used to complete the alternative analysis tasks including stormwater level of service analysis (LOS), surface water resource assessment (SWRA), and best management practice (BMP) alternative analysis.
Measurable Benefit:	The contractual Measurable Benefit will be the completion of an alternative analysis to better identify risk of flood damage and cost effective alternatives for water quantity and quality deficiencies.
Costs:	Total project cost: $200,000 Citrus County: $100,000 District: $100,000

Evaluation

Application Quality:	High	Application included all the required information identified in the CFI Guidelines.
Project Benefit:	Low	The project does not provide additional beneficial information. The area north of SR44 is within the Crystal River, Kings Bay, Chassahowitska and Homosassa Springshed Primary Focus Areas (PFA). It is generally known that nutrient loadings would be improved when septic systems are converted to a more centralized or advanced treatment systems. The SWRA would likely not provide new findings. Majority of the watershed is within the Tsala Apopka Chain of Lakes, which is managed by water control structures. The LOS would likely not reanalyze the operation schedule of the structures.
Cost Effectiveness:	Medium	Project cost per square mile is in the mid-range of historic costs ($2,001 - $4,000 / sq mi) for WMPs completed in rural watersheds.
Past Performance:	High	Based upon an assessment of the schedule and budget for the 6 ongoing projects.
Complementary Efforts:	High	Cooperator's Community Rating System class is 5 and is in the 5 or better range.
Project Readiness:	High	Project is ready to begin on or before December 1, 2021.

Strategic Goals

Strategic Goals:	

Overall Ranking and Recommendation

Low Priority Not Recommended for funding	The project is not cost effective as the overall cost outweighs the benefits and does not provide additional beneficial information.

Funding

Funding Source	Prior	FY2022	Future	Total
District	$0	$100,000	$0	$100,000
Citrus County	$0	$100,000	$0	$100,000
Total	**$0**	**$200,000**	**$0**	**$200,000**

Project No. Q264	Conservation – Bay Laurel Turf Grass Reduction Project
BLCCDD	FY2022

Risk Level:	Type 1	**Multi-Year Contract:** No

Description

Description:	Make available financial incentives to residential and commercial customers for the reduction of approximately 150,000 square feet of irrigated turf using Florida friendly landscaping techniques. Should actual costs be less than anticipated, the Cooperator may perform more installations/rebates 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: $150,000 BLCCDD: $75,000 District: $75,000

Evaluation

Application Quality:	High	Application included all the required information identified in the CFI guidelines.
Project Benefit:	High	The benefit of this project is the conservation of approximately 9,726 gallons per day in the Northern Planning Region.
Cost Effectiveness:	Low	Project is not cost effective.
Past Performance:	High	Based upon an assessment of the schedule and budget for the 1 ongoing project.
Complementary Efforts:	High	Applicant has the complementary efforts of having an active conservation program, having water loss less than the District average, and being in the process of adopting high efficiency standards for new construction.
Project Readiness:	Medium	Project is ready to begin on or before March 1, 2022.

Strategic Goals

Strategic Goals:		

Overall Ranking and Recommendation

Low Priority Not Recommended for funding	Project will conserve potable water supply in the Northern Planning Region but is not cost effective.

Funding

Funding Source	Prior	FY2022	Future	Total
District	$0	$75,000	$0	$75,000
BLCCDD	$0	$75,000	$0	$75,000
Total	**$0**	**$150,000**	**$0**	**$150,000**

Project No. Q043	Springs – Marion County State Road 200 Septic to Sewer Project
Marion County	FY2022

Risk Level:	Type 2	Multi-Year Contract: Yes, Year 1 of 1

Description

Description:	Design, permitting and construction of a municipal sewer system connections including connection and impact fees, tank abandonment and necessary components located within the Rainbow River Basin Management Action Plan (BMAP) but outside of the Rainbow Springs Priority Focus Area (PFA) .
Measurable Benefit:	The contractual Measurable Benefit will be the connection of 4 parcels to an existing 16 inch force main which will result the abandonment of 5 septic tanks. Construction will be done in accordance with the permitted plans.
Costs:	Total Project Cost: $712,929 FDEP Springs Funding: $356,464 District: $178,232 Marion County: $178,232

Evaluation

Application Quality:		
Project Benefit:		
Cost Effectiveness:		
Past Performance:		
Complementary Efforts:		
Project Readiness:		

Strategic Goals

Strategic Goals:		

Overall Ranking and Recommendation

Not Recommended	This project is not recommended for funding, it is inconsistent with the FY2022 CFI guidelines which specify that for funding consideration septic to sewer projects must address issues within a Springs Priority Focus Area (PFA) of a Basin Management Action Plan (BMAP) area as identified by the FDEP and within the District boundaries. The project is located outside of the PFA of the Rainbow River BMAP.

Funding

Funding Source	Prior	FY2022	Future	Total
District	$0	$178,232	$0	$178,232
Marion County	$0	$178,232	$0	$178,232
FDEP Springs	$0	$356,464	$0	$356,464
Total	**$0**	**$712,929**	**$0**	**$712,929**

The Southwest Florida Water Management District (District) does not discriminate on the basis of disability. This nondiscrimination policy involves every aspect of the District's functions, including access to and participation in the District's programs, services and activities. Anyone requiring reasonable accommodation, or who would like information as to the existence and location of accessible services, activities, and facilities, as provided for in the Americans with Disabilities Act, should contact the Human Resources Office Chief, at 2379 Broad St., Brooksville, FL 34604-6899; telephone (352) 796-7211 or 1-800-423-1476 (FL only), ext. 4747; or email ADACoordinator@WaterMatters.org. If you are hearing or speech impaired, please contact the agency using the Florida Relay Service, 1-800-955-8771 (TDD) or 1-800-955-8770 (Voice). If requested, appropriate auxiliary aids and services will be provided at any public meeting, forum, or event of the District. In the event of a complaint, please follow the grievance procedure located at WaterMatters.org/ADA.