

Southern Region

FY2020 Cooperative Funding Initiative

Preliminary Project Evaluations and Rankings



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Southwest Florida Water Management District
Southern Region
FY2020 Proposed Project Funding
February 13, 2019

Project	Cooperator	Project Name	Rank	District Prior Funding	FY2020 Proposed District Funding	District Future Funding
N823	PRMRWSA	AWS - PRMRWSA Regional Loop System Phase 3B	1A	6,930,000	1,170,000	0
N991	Sarasota Co	WMP - Sarasota Bay WMP Alternative Analysis	1A	200,000	100,000	0
W215	Anna Maria	SW IMP - Water Quality - Anna Maria North Island BMPs Phase H and J	1A	307,231	149,519	0
W302	Palmetto	SW IMP - Water Quality - Southeast Riverside Water Quality Improvements	1A	100,000	600,000	0
W639	Bradenton Beach	SW IMP - Water Quality - Bradenton Beach BMPs Avenues B and C	1A	70,465	78,304	116,696
N786	Sarasota Co	Dona Bay Surface Water Storage Facility	H	2,000,000	2,000,000	0
N842	Bradenton	DAR - City of Bradenton Aquifer Protection Recharge Well	H	1,500,000	900,000	125,000
N854	PRMRWSA	ASR - PRMRWSA Partially Treated Water ASR	H	495,500	0	2,769,500
Q073	Palmetto	Conservation - Palmetto Toilet Rebate	H	0	20,000	0
Q111	Manatee Co	Conservation - Manatee Co Toilet Retrofit Phase 13	H	0	75,500	0
Q126	Venice	Conservation - Venice Toilet Rebate and Retrofit Phase 7	H	0	29,450	0
Q127	Marie Selby Bot Gardens	SW IMP - Water Quality - Selby Enhanced Stormwater Management	H	0	105,300	0
W212	Manatee Co	SW IMP - Water Quality - Rubonia Stormwater Quality Improvements	H	0	931,772	0
W502	Sarasota Co	Restoration - Alligator Creek In-Stream Restoration	H	0	75,000	0
W505	FDEP	Study - Downs' Water Control Structure	H	0	80,000	0
W641	Holmes Beach	SW IMP - Water Quality - Northern Holmes Beach BMPs - Basins 10 and 12	H	0	128,894	128,894
W642	Manatee Co	Study - Bowlees Creek Water Quality Plan	H	0	49,500	0
Q050	Venice	ASR - City of Venice Reclaimed Water ASR	M	0	82,500	0
Q079	Venice	Study - Stormwater Outfall Monitoring	M	0	75,000	0
N861	Charlotte Co	SW IMP - Flood Protection - Greater Port Charlotte Water Control Structure ELK 4.56	L	0	450,000	0
Q052	Venice	Brackish - Venice RO Efficiency Improvements	L	0	1,650,000	0
Q054	DeSoto Co	AWS - Desoto Co Dept of Corrections Potable Interconnect	L	0	225,000	0
Q077	Venice	AWS - Venice Interconnect, Pumping and Storage	L	0	3,000,000	0
Q080	DeSoto Co	SW IMP - Flood Protection - Spring Lake Stormwater Improvements	L	0	112,500	0
Q102	Manatee Co	Restoration - Johnson Preserve at Braden River	L	0	1,000,000	0
Q104	Sarasota Co	WMP - Lemon Bay WMP Alternative Analysis	L	0	117,500	117,500
Q114	North Port	Conservation - North Port Potable Distribution Looping FY2020	L	0	237,550	0
Southern Region Total:					\$13,443,289	\$3,257,590

Project No. N823	AWS - PRMRWSA Regional Loop System Phase 3B			
PRMRWSA	FY2020			
Risk Level:	Type 2	Multi-Year Contract: Yes, Year 4 of 4		
Description				
Description:	Design and construction of an extension of the Authority's Regional Integrated Loop System to provide a regional water transfer and delivery system for existing and future drinking water sources within the Authority's four-county service area. The project will extend the Authority's regional pipeline system from the current terminus of the Phase 3A Interconnect along Cow Pen Slough, northward approximately 5.2 miles to Clark Road (SR-72) in central Sarasota County. Funding in FY2020 will support construction phase.			
Measurable Benefit:	The Measurable Benefit which will be the contractual requirement is the construction of a component of the Regional Integrated Loop System to deliver an estimated 7 mgd of alternative water supplies, promote regional resource management efforts, and support water supply goals within the SWUCA.			
Costs:	Total project cost: \$16,700,000 (Design, permitting, third-party review, and construction) PRMRWSA: \$8,100,000 District: \$8,100,000 with \$6,930,000 budgeted in previous years and \$1,170,000 requested in FY2020 State: \$500,000, budgeted by PRMRWSA and applied to final design.			
Evaluation				
Application Quality:	High	Application included all required information identified in the CFI Guidelines		
Project Benefit:	High	The resource benefit is the improved regional distribution of alternative water supplies in the SWUCA.		
Cost Effectiveness:	High	The cost effectiveness appears reasonable and consistent with the District 's average costs for similar projects.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 4 ongoing projects		
Complementary Efforts:	High	Applicant provides wholesale alternative water supplies to Charlotte, DeSoto, and Sarasota Counties and the City of North Port.		
Project Readiness:	High	Project is ongoing and on schedule.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative - Alternative Water Supplies: 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				
Fund as 1A Priority.	The third-party review for this ongoing project was completed and was presented to the Governing Board on January 23rd, 2018. The Governing Board approved amending the Authority's Cooperative Funding Agreement to continue through project final design, permitting, and construction at a total project cost of \$16,700,000 with a District share of \$8,100,000.			
Funding				
Funding Source	Prior	FY2020	Future	Total
District	\$6,930,000	\$1,170,000	\$0	\$8,100,000
State	\$500,000	\$0	\$0	\$500,000
PRMRWSA	\$6,930,000	\$1,170,000	\$0	\$8,100,000
Total	\$14,360,000	\$2,340,000	\$0	\$16,700,000

Project No. N991	WMP - Sarasota Bay WMP Alternative Analysis			
Sarasota County	FY2020			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 2 of 2		
Description				
Description:	Complete a Watershed Management Plan for the Sarasota Bay Watershed in Sarasota County. A water quality model was previously developed for the Sarasota Bay Watershed, and floodplain models have been developed for each of the subwatersheds. These include the Coastal Fringe, Hudson Bayou, Phillippi Creek and Whitaker Bayou Watershed models. FY2020 funds will be used to complete flood protection and water quality alternative analysis tasks including Stormwater Level of Service analysis (LOS), Surface Water Resource Assessment (SWRA), and Best Management Practices (BMP) alternative analysis.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of alternative analysis information that is critical to better identify flood damage and cost effective alternatives for water quantity and quality.			
Costs:	Total project cost \$600,000 Sarasota County: \$300,000 District: \$300,000, with \$200,000 budgeted in previous years, and \$100,000 requested in FY2020.			
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 completion of a LOS analysis, SWRA, and BMP alternative analysis, and the identification of cost effective alternatives for water quantity and quality.		
Cost Effectiveness:	High	Project cost is comparable to other projects with similar scopes.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 7 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 - 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. Strategic Initiative - Floodplain Management: Develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage. Southern Region Priority: Improve Charlotte Harbor, Sarasota Bay and Shell/Prairie/Joshua creeks.		
Overall Ranking and Recommendation				
Fund as 1A Priority.	This ongoing project will utilize existing watershed models to complete flood protection and water quality alternative analysis tasks including Stormwater Level of Service analysis (LOS), Surface Water Resource Assessment (SWRA), and Best Management Practice (BMP) alternative analysis for the Sarasota Bay Watershed.			
Funding				
Funding Source	Prior	FY2020	Future	Total
Sarasota County	\$200,000	\$100,000	\$0	\$300,000
District	\$200,000	\$100,000	\$0	\$300,000
Total	\$400,000	\$200,000	\$0	\$600,000

Project No. W215	SW IMP - Water Quality - Anna Maria North Island BMPs Phase H and J			
City of Anna Maria	FY2020			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 2 of 2		
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 construction of LID BMPs to treat approximately 75 acres of highly urbanized stormwater runoff. Construction will be done in accordance with the permitted plans. There will be no monitoring or performance testing requirements.			
Costs:	Total project cost: \$913,500 (Design, permitting, construction) City of Anna Maria: \$456,750 District: \$456,750, with \$307,231 budgeted in FY2019, and \$149,519 requested in FY2020.			
Evaluation				
Application Quality:	High	Application included all of the required information identified in the CFI Guidelines.		
Project Benefit:	High	The Resource Benefit of the project is the reduction of pollutant loads to Tampa Bay, a SWIM priority water body, by an estimated 63,582 lb/yr TSS, and 1,468 lb/yr TN.		
Cost Effectiveness:	High	The estimated cost/lb of TSS is below the historical average of \$20/lb. The estimated cost/lb of TN removed is below the historical average of \$224/lb. Cost effectiveness for multi-year projects is based upon the metrics in place when project was originally approved.		
Past Performance:	High	Based on an assessment of the schedule and budget for the 1 ongoing project.		
Complementary Efforts:	High	The City has an active stormwater utility that collects fees.		
Project Readiness:	High	Project is ongoing and on schedule.		
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. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole.		
Overall Ranking and Recommendation				
Fund as 1A Priority.	This ongoing project is cost effective and will continue efforts by the City to reduce stormwater impacts to Tampa Bay, a SWIM priority water body.			
Funding				
Funding Source	Prior	FY2020	Future	Total
City of Anna Maria	\$307,231	\$149,519	\$0	\$456,750
District	\$307,231	\$149,519	\$0	\$456,750
Total	\$614,462	\$299,038	\$0	\$913,500

Project No. W302	SW IMP - Water Quality - Southeast Riverside Water Quality Improvements			
Palmetto	FY2020			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 2 of 2		
Description				
Description:	Design and construction of stormwater improvement BMPs and a collection system for currently untreated areas in the City of Palmetto to reduce pollutant loads to the Manatee River and ultimately Tampa Bay, a SWIM priority waterbody.			
Measurable Benefit:	The contractual Measurable Benefit will be the construction of BMPs to treat stormwater runoff from approximately 62 acres of urbanized watershed, in accordance with the permitted plans. There will be no monitoring or performance testing requirements.			
Costs:	Total Project Cost: \$1,400,000 (Design and Construction) City of Palmetto: \$700,000 District: \$700,000, with \$100,000 budgeted in FY2019, and \$600,000 requested in FY2020			
Evaluation				
Application Quality:	High	Application included all the required information identified in the CFI Guidelines.		
Project Benefit:	High	The Resource Benefit of this water quality project is the reduction of pollutant loads to the Manatee River and Tampa Bay by an estimated 155 lbs/year of TN.		
Cost Effectiveness:	Medium	The estimated cost/lb of TN removed is above the historical average cost of \$224/lb and the per acre treated is below the historical average cost of \$46,947 for coastal water quality projects. Cost effectiveness for multi-year projects is based upon the metrics in place when project was originally approved.		
Past Performance:	High	Based on an assessment of the schedule and budget for the 1 ongoing project.		
Complementary Efforts:	High	The City has an active stormwater utility that collects fees.		
Project Readiness:	High	Project is ongoing and on schedule.		
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. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole.		
Overall Ranking and Recommendation				
Fund as 1A Priority.	This ongoing project is cost effective and will reduce stormwater impacts to Tampa Bay, a SWIM priority waterbody through a reduction in nutrient loading.			
Funding				
Funding Source	Prior	FY2020	Future	Total
City of Palmetto	\$100,000	\$600,000	\$0	\$700,000
District	\$100,000	\$600,000	\$0	\$700,000
Total	\$200,000	\$1,200,000	\$0	\$1,400,000

Project No. W639	SW IMP - Water Quality - Bradenton Beach BMPs Avenues B and C			
Bradenton Beach	FY2020			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 2 of 3		
Description				
Description:	Design, permitting and construction of stormwater retrofits in the City of Bradenton Beach to improve water quality discharging to Sarasota Bay, a SWIM priority water body.			
Measurable Benefit:	The contractual Measurable Benefit will be the design, permitting, and construction of LID BMPs to treat approximately 34 acres of highly urbanized stormwater runoff. Construction will be done in accordance with the permitted plans. There will be no monitoring or performance testing requirements.			
Costs:	Total project cost: \$530,930 (Design, permitting, construction) City of Bradenton Beach: \$265,465 District: \$265,465, with \$70,465 budgeted in previous years, \$78,304 requested in FY2020, and \$116,696 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 Resource Benefit of the project is the reduction of pollutant loads to Sarasota Bay, a SWIM priority water body, by an estimated 24,105 lb/yr TSS, and 676 lb/yr TN.		
Cost Effectiveness:	High	The estimated cost/lb of TSS removed is below the historical average of \$20/lb. The estimated cost/lb of TN removed is below the historical average of \$224/lb. Cost effectiveness for multi-year projects is based upon the metrics in place when project was originally approved.		
Past Performance:	High	Based on an assessment of the schedule and budget for the 1 ongoing project.		
Complementary Efforts:	High	The City has an active stormwater utility that collects fees.		
Project Readiness:	High	Project is ongoing and on schedule.		
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. Southern Region Priority: Improve Charlotte Harbor, Sarasota Bay and Shell/Prairie/Joshua creeks.		
Overall Ranking and Recommendation				
Fund as 1A Priority.	This ongoing project is cost effective and will continue efforts by the City to reduce stormwater impacts to Sarasota Bay, a SWIM priority water body.			
Funding				
Funding Source	Prior	FY2020	Future	Total
City of Bradenton Beach	\$70,465	\$78,304	\$116,696	\$265,465
District	\$70,465	\$78,304	\$116,696	\$265,465
Total	\$140,930	\$156,608	\$233,392	\$530,930

Project No. N786	Dona Bay Surface Water Storage Facility			
Sarasota County	FY2020			
Risk Level:	Type 2	Multi-Year Contract: No		
Description				
Description:	Construction of a 380 acre surface water storage and treatment facility to improve water quality and natural systems in Dona Bay. This Facility is in the second stage of the implementation plan for Dona Bay. Project design and associated costs are currently being reviewed by the County.			
Measurable Benefit:	The contractual Measurable Benefit will be the construction of a 380 acre storage and treatment facility in accordance with the permitted plans. There will be no monitoring or performance testing requirements.			
Costs:	Total Project Cost: \$8,000,000 (Third Party Review and Construction. Final design will be subject to a District third party review to confirm cost estimate.) Sarasota County: \$4,000,000 District: \$4,000,000, with \$2,000,000 budgeted in previous years, \$2,000,000 requested in FY2020.			
Evaluation				
Application Quality:	High	The application included most of the required information identified in the CFI Guidelines.		
Project Benefit:	High	The Resource Benefits of the project is the reduction of pollutant loads by an estimated 940 lbs/year of TN and a 10% improvement in saltwater habitat of over 77 acres.		
Cost Effectiveness:	High	The estimated cost/lb of TN removed is higher than historical average of \$224/lb. However, the project will offer a significant benefit related to improved saltwater habitat and increased salinity in Dona Bay. Cost effectiveness for multi-year projects is based upon the metrics in place when project was originally approved.		
Past Performance:	High	Based on an assessment of the schedule and budget for the 7 ongoing projects.		
Complementary Efforts:	High	The County has an active stormwater utility that collects fees.		
Project Readiness:	Medium	Project is ongoing but not on schedule.		
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. Strategic Initiative - Conservation and Restoration: Identify critical environmentally sensitive ecosystems and implement plans for protection or restoration. Southern Region Priority: Improve Charlotte Harbor, Sarasota Bay and Shell/Prairie/Joshua creeks.		
Overall Ranking and Recommendation				
Fund as High Priority.	This ongoing project involves the District completing a third party review after the County finalizes project design anticipated in March 2019. In expectation of favorable results from the District third party review, and with the understanding that the Governing Board will need to provide approval to proceed, this project is recommended for funding. The Cooperator has funded design and permitting using its own funds.			
Funding				
Funding Source	Prior	FY2020	Future	Total
Sarasota County	\$2,000,000	\$2,000,000	\$0	\$4,000,000
District	\$2,000,000	\$2,000,000	\$0	\$4,000,000
Total	\$4,000,000	\$4,000,000	\$0	\$8,000,000

Project No. N842	DAR - City of Bradenton Aquifer Protection Recharge Well			
City of Bradenton	FY2020			
Risk Level:	Type 2	Multi-Year Contract: Yes, Year 3 of 5		
Description				
Description:	Continuation of the FY2019 project to include final design, permitting, construction, testing, and independent performance evaluation of one Upper Floridan aquifer treated wastewater recharge well site with monitor wells, and ancillary surface facilities. The site will consist of one 5 mgd recharge well, two monitoring wells, and necessary transmission and appurtenances for recharge and monitoring. Funding was approved in FY2018 for 30% design and third-party review (TPR). FY2020 funds are for well construction. Future funding will be for testing and an independent performance evaluation.			
Measurable Benefit:	The contractual Measurable Benefit is the design, permitting, construction and testing of the site, including completion of an independent performance review. If performance review results are favorable and with additional Governing Board approval, the contractual Measurable Benefit will include operation of the site for 20 years at a minimum injection rate of 5 mgd calculated using a five-year moving average. Construction will be done in accordance with the permitted plans.			
Costs:	Total project cost: \$5,050,000 (design, TPR, permitting, construction, testing, and independent performance review). City of Bradenton: \$2,525,000. District: \$2,525,000 with \$1,500,000 budgeted in previous years, \$900,000 requested in FY2020 and \$125,000 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 benefit of this project is to expand the use of reclaimed water to recharge non-potable portions of the Upper Floridan aquifer to improve aquifer water level conditions in the MIA of the SWUCA.		
Cost Effectiveness:	High	The project is consistent with the range of costs for similarly funded District projects.		
Past Performance:	High	Based on an assessment of the schedule and budget for 2 ongoing projects.		
Complementary Efforts:	High	The City developed and implemented a Water Demand Management Plan to manage and protect their water supply. It includes conservation measures and District water shortage orders enforceable pursuant to City Ordinance #2650.		
Project Readiness:	High	Project is ongoing and on schedule.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative - Reclaimed Water: Maximize beneficial use of reclaimed water to offset potable water supplies and restore water levels and natural systems. Southern Region Priority: Implement Southern Water Use Caution Area (SWUCA) Recovery Strategy.		
Overall Ranking and Recommendation				
Fund as High Priority.	The City anticipates receiving the UIC construction permit by March 2019 and subsequently completing 30% design and TPR by September 2019. Contractually, the City will need Governing Board approval to proceed beyond this task. Anticipating favorable results from the TPR, and understanding that the Governing Board will need to provide approval to proceed, staff is recommending FY2020 funding to complete construction of one Upper Floridan aquifer treated wastewater recharge well site with monitoring wells, and ancillary surface facilities. The City may pursue potential future net benefit or impact offset potable water supply based on this project. If pursued, contractually, the City will be required to be in compliance with District cooperative funding guidelines, policies, and procedures and water use permitting rules. If successful, this project is expected to improve aquifer water level conditions in the MIA of the SWUCA.			
Funding				
Funding Source	Prior	FY2020	Future	Total
District	\$1,500,000	\$900,000	\$125,000	\$2,525,000
City of Bradenton	\$1,500,000	\$900,000	\$125,000	\$2,525,000
Total	\$3,000,000	\$1,800,000	\$250,000	\$5,050,000

Project No. N854	ASR - PRMRWSA Partially Treated Water ASR			
PRMRWSA	FY2020			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 2 of 4		
Description				
Description:	Design, permitting and construction of a full scale partially treated water aquifer storage and recovery project located at the Peace River Manasota Regional Water Supply Authority (PRMRWSA) ASR facility. Funding was approved in FY18 for completion of site testing, 30% design and third-party review and in FY2019 for completion of design. The District required a third-party review because the conceptual construction estimate is greater than \$5 million dollars. The PRMRWSA is not requesting any FY2020 funding.			
Measurable Benefit:	The contractual Measurable Benefit will be completion of design, permitting and construction of the partially treated water ASR facility that will increase ASR system recovery efficiency by 3 mgd annual average and increase the PRMRWSA system reliability. Construction will be done in accordance with the permitted plans.			
Costs:	Total project cost: \$7,755,000 (design, third party review, permitting and construction) FDEP: \$1,000,000 PRMRWSA: \$3,490,000 District: \$3,265,000 with \$495,500 budgeted in previous years, \$0 requested in FY20 and \$2,769,500 anticipated to be requested in future years.			
Evaluation				
Application Quality:	High	Application included all the required information in the CFI Guidelines.		
Project Benefit:	High	The project will beneficially increase the PRMRWSA system drinking water supply capacity and reliability at the current facility by 3 mgd and will potentially improve water levels in the Southern Water Use Caution Area.		
Cost Effectiveness:	High	The capital cost for the facility supply capacity improvement is \$2.58 per gpd. Capital cost for the net long-term recharge is \$2.38 per gpd. These capital costs compare favorably with the less than \$9.99 standard for Total Capital Cost/gpd of water resource benefit.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 4 ongoing projects.		
Complementary Efforts:	High	Cooperator has a program in place that includes metering and an incentive based reuse rate structure for high volume users and has proactive reclaimed expansion policies which maximize utilization and environmental benefits.		
Project Readiness:	Medium	Project is ongoing and behind schedule due to permitting issues.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative - Alternative Water Supplies: 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				
Fund as High Priority.	The 30% design and third-party review are anticipated to be complete by May 2020. Contractually, the PRMRWSA will need Governing Board approval to proceed beyond third-party review. Anticipating favorable information from the third-party review, and with the understanding that the Governing Board will need to provide approval to proceed, FY2019 funding was budgeted for completion of design. The PRMRWSA is in the process of updating the project schedule to address FDEP permitting comments. A recently received State funding grant of \$1,000,000 is incorporated into the project funding equally reducing the District and cooperator project shares. It is expected that PRMRWSA will withdraw their FY2020 CFI application because no District funding is needed in FY2020.			
Funding				
Funding Source	Prior	FY2020	Future	Total
District	\$495,500	\$0	\$2,769,500	\$3,265,000
PRMRWSA	\$720,500	\$0	\$2,769,500	\$3,490,000
FDEP	\$0	\$100,000	\$900,000	\$1,000,000
Total	\$1,216,000	\$100,000	\$6,439,000	\$7,755,000

Project No. Q073	Conservation - Palmetto Toilet Rebate Project			
Palmetto	FY2020			
Risk Level:	Type 1	Multi-Year Contract: No		
Description				
Description:	Financial incentives to residential customers for the replacement of conventional toilets with high-efficiency toilets which use 1.28 gallons per flush or less and to commercial customers for the replacement of conventional toilets with ultra-low flow toilets which use 1.6 gallons per flush or less. This project will include rebates and program administration for the replacement of approximately 325 high flow toilets. Also included are educational materials, program promotion, conservation kits and surveys necessary to ensure the success of the program.			
Measurable Benefit:	The contractual Measureable Benefit will be the implementation of the program and the completion of a final report.			
Costs:	Total Project Cost: \$40,000 City of Palmetto: \$20,000 District: \$20,000			
Evaluation				
Application Quality:	High	Application included all the required information identified in the CFI Guidelines.		
Project Benefit:	High	The benefit of the project is the conservation of approximately 41,827 gallons per day in the Southwern Water Use Caution Area (SWUCA)		
Cost Effectiveness:	High	Project cost effectiveness is below \$3.00 per thousand gallons saved.		
Past Performance:	High	Based on an assessment of the schedule and budget for 1 ongoing projects.		
Complementary Efforts:	High	Cooperator per capita is below 75 gpcd.		
Project Readiness:	Medium	Project is ready to begin on or before March 1, 2020.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative - Conservation: Enhance efficiencies in all water-use sectors. Southern Region Priority: Implement Southern Water Use Caution Area (SWUCA) Recovery Strategy.		
Overall Ranking and Recommendation				
Fund as High Priority.	Project will conserve potable water supply in the SWUCA and is cost effective.			
Funding				
Funding Source	Prior	FY2020	Future	Total
City of Palmetto	\$0	\$20,000	\$0	\$20,000
District	\$0	\$20,000	\$0	\$20,000
Total	\$0	\$40,000	\$0	\$40,000

Project No. Q111	Conservation - Manatee Co Toilet Retrofit Phase 13			
Manatee County	FY2020			
Risk Level:	Type 1	Multi-Year Contract: No		
Description				
Description:	Financial incentives to residential customers for the replacement of conventional toilets with high-efficiency toilets that use 1.28 gallons per flush or less and to commercial customers for the replacement of conventional toilets with ultra-low flow toilets that use 1.6 gallons per flush or less. This project will include rebates and program administration for the replacement of approximately 1,000 high flow toilets. Also included are educational materials, program promotion, and surveys necessary to ensure the success of the program.			
Measurable Benefit:	The Measurable Benefit, which is the contractual requirement, will be the implementation of the program and the completion of a Final Report.			
Costs:	Total Project Costs: \$151,000 Manatee County: \$75,500 District: \$75,500			
Evaluation				
Application Quality:	High	Application included all of the required information identified in the CFI Guidelines.		
Project Benefit:	High	The benefit of this project is an estimated 26,380 gpd of water conserved in the Southern Water Use Caution Area (SWUCA).		
Cost Effectiveness:	High	Project cost effectiveness is below \$3.00 per thousand gallons saved.		
Past Performance:	High	Based upon the assessment of the schedule and budget for the 5 ongoing projects.		
Complementary Efforts:	Medium	Cooperator per capita is between 75 and 125 gpcd.		
Project Readiness:	Medium	Project is ready to begin on or before March 1, 2018.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative - Conservation: Enhance efficiencies in all water-use sectors. Southern Region Priority: Implement Southern Water Use Caution Area (SWUCA) Recovery Strategy.		
Overall Ranking and Recommendation				
Fund as High Priority.	This project conserves potable water supply in the SWUCA and is cost effective.			
Funding				
Funding Source	Prior	FY2020	Future	Total
District	\$0	\$75,500	\$0	\$75,500
Manatee County	\$0	\$75,500	\$0	\$75,500
Total	\$0	\$151,000	\$0	\$151,000

Project No. Q126	Conservation - Venice Toilet Rebate and Retrofit Phase 7			
City of Venice	FY2020			
Risk Level:	Type 1	Multi-Year Contract: No		
Description				
Description:	Financial incentives to residential customers for the replacement of conventional toilets with high-efficiency toilets which use 1.28 gallons per flush or less and to commercial customers for the replacement of conventional toilets with ultra-low flow toilets which use 1.6 gallons per flush or less. This project will include rebates and program administration for the replacement of approximately 249 high flow toilets. In addition, approximately 400 do-it-yourself conservation kits will be distributed. These include educational materials, low-flow showerheads, and leak detection dye tablets. Also included are program promotion and surveys necessary to ensure the success of the program.			
Measurable Benefit:	The Measurable Benefit, which is the contractual requirement, will be the implementation of the program and the completion of a Final Report.			
Costs:	Total project: \$58,900; City of Venice: \$29,450; District: \$29,450			
Evaluation				
Application Quality:	High	Application included all of the required information identified in the CFI Guidelines.		
Project Benefit:	High	The benefit of this project is an estimated 4,990 gpd of water conserved in the Southern Water Use Caution Area (SWUCA).		
Cost Effectiveness:	High	Project cost effectiveness is below \$3.00 per thousand gallons saved.		
Past Performance:	Medium	Based upon an assessment of the schedule and budget for the 2 ongoing projects.		
Complementary Efforts:	High	Cooperator per capita is below 75 gpcd.		
Project Readiness:	Medium	Project is ready to begin on or before March 1, 2020.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative - Conservation: Enhance efficiencies in all water-use sectors. Southern Region Priority: Implement Southern Water Use Caution Area (SWUCA) Recovery Strategy.		
Overall Ranking and Recommendation				
Fund as High Priority.	Project conserves potable water in the SWUCA and is cost effective.			
Funding				
Funding Source	Prior	FY2020	Future	Total
City of Venice	\$0	\$29,450	\$0	\$29,450
District	\$0	\$29,450	\$0	\$29,450
Total	\$0	\$58,900	\$0	\$58,900

Project No. Q127	SW IMP - Water Quality - Selby Enhanced Stormwater Management Project			
Marie Selby Gardens	FY2020			
Risk Level:	Type 2	Multi-Year Contract: No		
Description				
Description:	Construction of an enhanced stormwater management system to include bioswales, soil enhancement and pervious pavers providing treatment above permitting requirements for a currently untreated area draining directly to Hudson Bayou and ultimately Sarasota Bay, a SWIM priority waterbody.			
Measurable Benefit:	The contractual Measurable Benefit will be the construction of enhanced BMPs to treat stormwater runoff from approximately 4.7 acres of urbanized watershed above and beyond permitting requirements. Construction will be done in accordance with the permitted plans. There will be no monitoring or performance testing requirements.			
Costs:	Total Project Cost: \$210,600 (Construction) Marie Selby Botanical Gardens: \$105,300 District: \$105,300			
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 to Sarasota Bay by an estimated 3,355 lbs/year of TSS.		
Cost Effectiveness:	High	The estimated cost/lb of TSS removed is below the historical average cost of \$5/lb.		
Past Performance:	High	Based on the cooperator having no ongoing projects with the District, they are ranked high.		
Complementary Efforts:	Medium	Cooperator has several conservation and educational complementary efforts.		
Project Readiness:	Medium	Project is ready to begin on or before March 1, 2020.		
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. Southern Region Priority: Improve Charlotte Harbor, Sarasota Bay and Shell/Prairie/Joshua creeks.		
Overall Ranking and Recommendation				
Fund as High Priority.	This project is cost effective and will reduce stormwater impacts to Sarasota Bay, a SWIM priority waterbody.			
Funding				
Funding Source	Prior	FY2020	Future	Total
Marie Selby Botanical Garde	\$0	\$105,300	\$0	\$105,300
District	\$0	\$105,300	\$0	\$105,300
Total	\$0	\$210,600	\$0	\$210,600

Project No. W212	SW IMP - Water Quality - Rubonia Stormwater Quality Improvements			
Manatee County	FY2020			
Risk Level:	Type 2	Multi-Year Contract: No		
Description				
Description:	Construction of enhanced stormwater management system to include wet ponds and baffle boxes providing enhanced treatment above permitting requirements for currently untreated runoff from the historic Rubonia subdivision, in Manatee County and the reduction of pollutant loads to Tampa Bay, a SWIM Priority waterbody.			
Measurable Benefit:	The contractual Measurable Benefit will be the construction of stormwater BMPs to provide treatment for an approximately 41 acre urbanized watershed. Construction will be in accordance with the permitted plans. There will be no monitoring or performance testing requirements.			
Costs:	Total Project Cost: \$1,863,545 (Construction) Manatee County: \$931,773 District: \$931,772			
Evaluation				
Application Quality:	Medium	Application included most of the required information in the CFI guidelines. The Distict PM/CM had to work with the cooperator to obtain the remaining required information.		
Project Benefit:	High	The Resource Benefit of this water quality project is the reduction of pollutant loads to Tampa Bay by an estimated 13,979 pounds of TSS/year.		
Cost Effectiveness:	Medium	The estimated cost per/lb of TSS removed is between the historical average of \$5 and \$13/lb.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 5 ongoing projects.		
Complementary Efforts:	Medium	The County has adopted Pet Waste and Fertilizer ordinances and implements street sweeping, stormwater maintenance and stormwater education programs.		
Project Readiness:	High	The County is ready to begin on or before December 1, 2019.		
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. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole.		
Overall Ranking and Recommendation				
Fund as High Priority.	The project is cost effective and will reduce stormwater impacts to Tampa Bay, a SWIM Priority waterbody.			
Funding				
Funding Source	Prior	FY2020	Future	Total
District	\$0	\$931,772	\$0	\$931,772
Manatee County	\$0	\$931,773	\$0	\$931,773
Total	\$0	\$1,863,545	\$0	\$1,863,545

Project No. W502	Restoration - Alligator Creek In-Stream Restoration			
Sarasota County	FY2020			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 1 of 2		
Description				
Description:	Design, permitting, and construction of tidal creek habitat including restoration of the historic flow path, non-native vegetation removal, and native plantings within Alligator Creek in Sarasota County. The Cooperator will be required to convey a conservation easement over the project area to the District.			
Measurable Benefit:	The contractual Measurable Benefit will be the enhancement of riparian and upland habitat, provide bank stabilization to reduce erosion and sedimentation, and improve water quality along approximately 17,900 linear feet of tidal creek within the Charlotte Harbor Watershed, a SWIM priority water body.			
Costs:	Total project cost: \$1,150,000 (Design, permitting, and construction) Sarasota County: \$575,000 District: \$575,000, with \$75,000 requested in FY2020 and \$500,000 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 resource benefit of the project is the restoration and enhancement of natural systems within the Charlotte Harbor watershed, a SWIM priority waterbody.		
Cost Effectiveness:	High	Cost per linear foot of restoration estimate (\$64/ft) is below the average cost of historic shoreline restoration project activities.		
Past Performance:	High	Based on an assessment of the schedule and budget for the 7 ongoing projects.		
Complementary Efforts:	High	Applicant has a land management plan for property involved in CFI application, maintains nature parks within its park system, manages an active education campaign on conservation and stormwater, and provides other complementary efforts that maintain natural systems and improve water quality.		
Project Readiness:	Medium	Project is ready to begin on or before March 1st, 2020.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative - Conservation and Restoration: Identify critical environmentally sensitive ecosystems and implement plans for protection or restoration. Southern Region Priority: Improve Charlotte Harbor, Sarasota Bay and Shell/Prairie/Joshua creeks.		
Overall Ranking and Recommendation				
Fund as High Priority.	This project is cost effective and will significantly improve natural systems in the Charlotte Harbor watershed, a SWIM priority waterbody.			
Funding				
Funding Source	Prior	FY2020	Future	Total
Sarasota County	\$0	\$75,000	\$500,000	\$575,000
District	\$0	\$75,000	\$500,000	\$575,000
Total	\$0	\$150,000	\$1,000,000	\$1,150,000

Project No. W505	Study - Downs' Water Control Structure			
FDEP	FY2020			
Risk Level:	Type 3	Multi-Year Contract: No		
Description				
Description:	Conduct a study to investigate the feasibility of removing or modifying an existing low water control structure near the southern boundary of the Myakka River State Park with an objective to restore natural systems, restore historic timing of dry season flows and/or improve water quality in the Myakka River and ultimately Charlotte Harbor, a SWIM priority water body.			
Measurable Benefit:	The contractual Measurable Benefit is the completion of the study.			
Costs:	Total project cost: \$160,000 (Study) FDEP: \$80,000 District: \$80,000			
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 to complete a feasibility study for potential modification and/or removal of the existing low water control structure near the southern boundary of the Myakka River State Park with an objective to restore natural systems, restore historic timing of dry season flows and/or improve water quality in the Myakka River and ultimately Charlotte Harbor, a SWIM priority water body. The study shall include quantification of the Resource Benefits for study alternatives.		
Cost Effectiveness:	High	Costs are consistent with the cost of similar District funded feasibility studies. FY19 Upper Myakka Lake Water Control Structure and Restoration Options (Q008)		
Past Performance:	High	Based on the cooperators having no ongoing projects with the District they are ranked high.		
Complementary Efforts:	High	Applicant has several complementary efforts to preserve natural systems and improve water quality.		
Project Readiness:	Medium	Project is ready to begin on or before March 1, 2020.		
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. Strategic Initiative - Conservation and Restoration: Identify critical environmentally sensitive ecosystems and implement plans for protection or restoration. Southern Region Priority: Improve Charlotte Harbor, Sarasota Bay and Shell/Prairie/Joshua creeks.		
Overall Ranking and Recommendation				
Fund as High Priority.	The project will provide a feasibility study for the removal and/or modification of existing structures to potentially restore natural systems, restore historic timing of dry season flows and/or improve water quality in the Myakka River and ultimately Charlotte Harbor, a SWIM priority water body.			
Funding				
Funding Source	Prior	FY2020	Future	Total
FDEP	\$0	\$80,000	\$0	\$80,000
District	\$0	\$80,000	\$0	\$80,000
Total	\$0	\$160,000	\$0	\$160,000

Project No. W641	SW IMP - Water Quality - Northern Holmes Beach BMPs - Basins 10 and 12			
Holmes Beach	FY2020			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 1 of 2		
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 LID BMPs to treat approximately 20 acres of highly urbanized stormwater runoff. Construction will be done in accordance with the permitted plans. There will be no monitoring or performance testing requirements.			
Costs:	Total project cost: \$515,576 (Design, permitting, construction) City of Holmes Beach: \$257,788 District: \$257,788, with \$128,894 requested in FY2020, and \$128,894 anticipated to be requested 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 the project is the reduction of pollutant loads to Tampa Bay, a SWIM priority water body, by an estimated 15,848 lb/yr TSS, and 187 lb/yr TN.		
Cost Effectiveness:	High	The estimated cost/lb of TSS is below the historical average of \$5/lb. The estimated cost/lb of TN removed is below the historical average of \$176/lb.		
Past Performance:	High	Based on an assessment of the schedule and budget for the 1 ongoing project.		
Complementary Efforts:	High	The City has an active stormwater utility that collects fees.		
Project Readiness:	Low	Project is not expected to begin until after March 1, 2020.		
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. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole.		
Overall Ranking and Recommendation				
Fund as High Priority.	This project is cost effective and will continue efforts by the City to reduce stormwater impacts to Tampa Bay, a SWIM priority water body.			
Funding				
Funding Source	Prior	FY2020	Future	Total
City of Holmes Beach	\$0	\$128,894	\$128,894	\$257,788
District	\$0	\$128,894	\$128,894	\$257,788
Total	\$0	\$257,788	\$257,788	\$515,576

Project No. W642	Study - Bowlees Creek Water Quality Plan			
Manatee County	FY2020			
Risk Level:	Type 3	Multi-Year Contract: No		
Description				
Description:	Provide an assessment for nutrients and to propose conceptual BMPs including stormwater improvements with an emphasis on LID and/or natural system restoration projects in support of reducing nutrient loads in the 9 square mile Bowlees Creek watershed which discharges to Sarasota Bay, a SWIM priority water body.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of the study.			
Costs:	Total Project Cost: \$99,000 (Study) Manatee County: \$49,500 District: \$49,500			
Evaluation				
Application Quality:	High	Application included all the required information identified in the CFI Guidelines.		
Project Benefit:	High	The benefit of the project is an assessment of nutrient loading and a prioritized list of conceptual BMPs including stormwater and/or natural systems restoration options to improve water quality and natural systems within a watershed discharging to Sarasota Bay, a SWIM priority water body.		
Cost Effectiveness:	High	Costs are consistent with the cost of similar District funded studies. FY18 Mill Creek Water Quality Plan (N889) and FY15 East Lake Nutrient Source Evaluation (N664).		
Past Performance:	High	Based on an assessment of the schedule and budget for the 5 ongoing projects.		
Complementary Efforts:	Medium	The County has adopted Pet Waste and Fertilizer ordinances and implements street sweeping, stormwater maintenance and stormwater education programs.		
Project Readiness:	High	Project is ready to begin on or before December 1st, 2019.		
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. Southern Region Priority: Improve Charlotte Harbor, Sarasota Bay and Shell/Prairie/Joshua creeks.		
Overall Ranking and Recommendation				
Fund as High Priority.	This project is cost effective and will assess nutrient loading discharging to Sarasota Bay, a SWIM priority water body.			
Funding				
Funding Source	Prior	FY2020	Future	Total
Manatee County	\$0	\$49,500	\$0	\$49,500
District	\$0	\$49,500	\$0	\$49,500
Total	\$0	\$99,000	\$0	\$99,000

Project No. Q050	ASR - City of Venice Reclaimed Water ASR			
City of Venice	FY2020			
Risk Level:	Type 3	Multi-Year Contract: No		
Description				
Description:	30% design and third party review (TPR) of an ASR system to store and recover at least 25 MG/yr of reclaimed water on-site at the City's Eastside Water Reclamation Facility, an advanced wastewater treatment plant. If constructed, ASR would let the City store excess reclaimed water in the wet season, to be used in the dry season when demand exceeds plant flow. The City has self-funded a feasibility study for FY2019, which will clarify project requirements, but its planning level study expects 2 production wells (1 MGD capacity each). District funding is for 30% design and TPR, as the project would benefit from TPR. FY2020 funds are for 30% design and TPR to provide needed information to support future funding to complete design, permitting and construction.			
Measurable Benefit:	The contractual measurable benefit will be completion of the 30% design.			
Costs:	Total project cost: \$165,000 (30% design and TPR) City of Venice: \$82,500 District: \$82,500 with \$82,500 requested in FY2020. The conceptual estimate to complete design, permitting and construction is \$4,900,000. It is anticipated that the City will request funding to complete design, permitting and construction 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 the City to obtain remaining required information.		
Project Benefit:	Medium	If constructed, the benefit would be development of at least 25 MG/yr in reclaimed water storage/recovery in the SWUCA; this would enable supply to 500 additional reclaimed users, potentially reducing irrigation groundwater withdrawals by an estimated 0.17 mgd.		
Cost Effectiveness:	High	Costs are consistent with similarly funded District projects, such as L608 (City of Palmetto Reclaimed ASR), N024 (Polk County Reclaimed ASR), and N435 (City of Bradenton Surface Water ASR).		
Past Performance:	Medium	Based upon an assessment of the schedule and budget for the 2 ongoing projects.		
Complementary Efforts:	High	The City has a developed reclaimed water system. City Code provides metering/rate structures and connection/extension requirements/procedures for reclaimed service.		
Project Readiness:	High	Project is ready to begin on or before December 1, 2019.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative - Reclaimed Water: Maximize beneficial use of reclaimed water to offset potable water supplies and restore water levels and natural systems. Southern Region Priority: Implement Southern Water Use Caution Area (SWUCA) Recovery Strategy.		
Overall Ranking and Recommendation				
Fund as Medium Priority.	If constructed, ASR would allow the City to optimize use of reclaimed water to meet current and future irrigation demands, reducing reliance on fresh groundwater withdrawals. 30% design and TPR will provide the District with better information to the confirm resource benefits and cost effectiveness of constructing this project.			
Funding				
Funding Source	Prior	FY2020	Future	Total
District	\$0	\$82,500	\$0	\$82,500
City of Venice	\$0	\$82,500	\$0	\$82,500
Total	\$0	\$165,000	\$0	\$165,000

Project No. Q079	Study - Stormwater Outfall Monitoring			
City of Venice	FY2020			
Risk Level:	Type 3	Multi-Year Contract: No		
Description				
Description:	This project will implement stormwater outfall monitoring to assess the pollutant loading from five (5) outfalls within the City of Venice. Nutrient source tracking will then be conducted at the outfalls that are determined to have significant nutrient loading issues. As a result, a prioritization plan will be developed that identifies the highest pollutant contributors and then a conceptual project plan will be developed, including conceptual costs and benefits.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of the study.			
Costs:	Total project cost: \$150,000 (Study) City of Venice: \$75,000 District: \$75,000			
Evaluation				
Application Quality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM had to work with the cooperator to obtain remaining information.		
Project Benefit:	High	The benefit of this project is the assessment of nutrient loading into the Gulf of Mexico from several outfalls within the City of Venice and the development of a prioritization and conceptual plan for future BMP improvements.		
Cost Effectiveness:	High	Costs are consistent with the cost of similar District funded studies. FY18 Mill Creek Water Quality Plan (N889) and FY15 East Lake Nutrient Source Evaluation (N664).		
Past Performance:	Medium	Based upon an assessment of the schedule and budget for the 2 ongoing projects.		
Complementary Efforts:	High	The City of Venice has an active storm water utility that collects fees.		
Project Readiness:	High	The project is ready to begin on or before December 1, 2019.		
Strategic Goals				
Strategic Goals:	Medium	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 Medium Priority.	This project is cost effective and will assess nutrients and develop a conceptual plan to address discharges from approximately 5 City of Venice outfalls into the Gulf of Mexico.			
Funding				
Funding Source	Prior	FY2020	Future	Total
District	\$0	\$75,000	\$0	\$75,000
City of Venice	\$0	\$75,000	\$0	\$75,000
Total	\$0	\$150,000	\$0	\$150,000

Project No. N861	SW IMP - Flood Protection - Greater Port Charlotte Water Control Structure ELK 4.56			
Charlotte County	FY2020			
Risk Level:	Type 2	Multi-Year Contract: No		
Description				
Description:	Construction of Water Control Structure ELK 4.56, to alleviate street flooding within the Elkcam Waterway. The project is intended to decrease flood stages for the 25-year and 100-year storm events. The FY2020 funding will be used for construction of the project.			
Measurable Benefit:	The contractual Measurable Benefit will be construction of one 10' X 10' box culvert and one 18' long weir under Peachland Boulevard.			
Costs:	Total project cost: \$900,000 (Construction) Charlotte County: \$450,000 District: \$450,000			
Evaluation				
Application Quality:	Medium	Application included most of the required information identified in the CFI guidelines. District CM had to work with cooperator to obtain remaining required information.		
Project Benefit:	Medium	The Resource Benefit of this project will reduce the existing flooding problems during the 25-year, 24-hour storm event. Street flooding currently occurs in the project area and the project impacts the regional or intermediate drainage system.		
Cost Effectiveness:	Low	Benefit/Cost ratio is less than 0.7.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 1 ongoing project.		
Complementary Efforts:	High	Cooperator's Community Rating System class is 5 and is in the 5 or better range.		
Project Readiness:	Medium	Project is ready to begin on or before March 1, 2020.		
Strategic Goals				
Strategic Goals:	Medium	Strategic Initiative - Floodplain Management: Develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage.		
Overall Ranking and Recommendation				
Low Priority, not recommended for funding.	This project is not recommended for funding because it has a high cost relative to the flood protection benefits it provides.			
Funding				
Funding Source	Prior	FY2020	Future	Total
District	\$0	\$450,000	\$0	\$450,000
Charlotte County	\$0	\$450,000	\$0	\$450,000
Total	\$0	\$900,000	\$0	\$900,000

Project No. Q052	Brackish - Venice RO Efficiency Improvements			
City of Venice	FY2020			
Risk Level:	Type 2	Multi-Year Contract: No		
Description				
Description:	The City of Venice owns and operates a brackish groundwater reverse osmosis (RO) water treatment plant with a rated capacity of 4.48 mgd and a 3-year average finished water production of 2.2 mgd. The RO system currently operates at 50% treatment efficiency by design. The plant has four single-pass RO skids, with each skid is rated for approximately 1.1 mgd of water production. The proposed project would provide a second-pass RO component for two existing RO skids which would increase treatment recovery to 75% for half the plant. The other half of the plant would still function at 50% recovery during peak demands. The improved treatment efficiency would reduce an estimated 1.46 mgd of groundwater withdrawals at current demand.			
Measurable Benefit:	The contractual Measurable Benefit will be the design, permitting, and construction of RO plant improvements to achieve 75% treatment efficiency for half the plant.			
Costs:	The total project cost: \$3,300,000 (Design, Permitting, Construction). City of Venice: \$1,650,000. District: \$1,650,000 requested in FY2020.			
Evaluation				
Application Quality:	Medium	Application included most of the required information identified in the CFI Guidelines. District PM/CM had to work with the Cooperator to obtain additional information.		
Project Benefit:	High	In short-term, the project would conserve 1.46 mgd of groundwater withdrawals from the intermediate aquifer near the coast in the SWUCA. Long term, the project would create 1.2 mgd of additional treatment capacity, based on the total permitted capacity.		
Cost Effectiveness:	High	Project cost effectiveness is well below \$3.00 per thousand gallons saved. (\$0.55 ptg)		
Past Performance:	Medium	Based upon an assessment of the schedule and budget for the 2 ongoing projects.		
Complementary Efforts:	High	The cooperator per capita is below 75 gpcd.		
Project Readiness:	High	Project is ready to begin on or before December 1, 2019.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative - Conservation: Enhance efficiencies in all water-use sectors. Southern Region Priority: Implement Southern Water Use Caution Area (SWUCA) Recovery Strategy.		
Overall Ranking and Recommendation				
Low Priority, not recommended for funding.	The project is ranked low due to Board Policy 130-4, which supports multi-jurisdictional development of alternative water supplies. The recommendation may be improved with an affirmative written statement from the PRMRWSA that the project is not inconsistent with the PRMRWSA planning, as described in policy paragraph #14.			
Funding				
Funding Source	Prior	FY2020	Future	Total
City of Venice	\$0	\$1,650,000	\$0	\$1,650,000
District	\$0	\$1,650,000	\$0	\$1,650,000
Total	\$0	\$3,300,000	\$0	\$3,300,000

Project No. Q054	AWS - Desoto Co Dept of Corrections Potable Interconnect			
DeSoto County	FY2020			
Risk Level:	Type 2	Multi-Year Contract: Yes, Year 1 of 3.		
Description				
Description:	The project is for the design, permitting, and construction of approximately 61,500 linear feet (12 miles) of transmission pipeline to connect the Desoto Correctional Institution (DCI) to the regional PRMRWSA water supply via an interconnect with the main Desoto County utility service area. The transmission line be installed along the SR70 corridor. The DCI is currently supplied with brackish groundwater from the UFA via a reverse osmosis facility. The proposed pipeline will provide the DCI with treated surface water from the PRMRWSA, reduce groundwater pumpage in an area impacted by saline groundwater. If funded, this project will require a third-party review.			
Measurable Benefit:	The contractual measurable benefit of the project will be the completion of construction of 61,500 linear feet of transmission pipeline to connect the Desoto Correctional Institution to the PRMRWSA regional water supply system.			
Costs:	Total project cost: \$5,693,500; (design, permitting, third-party review, and construction) Desoto County (25% REDI) : \$1,423,375; District: \$4,270,125, of which \$225,000 is requested in FY2020 and \$4,045,125 anticipated to be requested in future fiscal years.			
Evaluation				
Application Quality:	Medium	Application included most of the required information in the CFI guidelines. District PM/CM had to work with cooperator to obtain remaining required information.		
Project Benefit:	High	The benefit is a reduction in groundwater use of approximately 390,000 gallons per day in the SWUCA by supplying treated surface water to the existing DCI facility. The project would also allow Desoto County to reduce flushing for water quality by improving water age in existing transmission mains.		
Cost Effectiveness:	Medium	\$14.60 per gallon per day capital cost which is within the \$10 to \$15 per gallon average for alternative supplies.		
Past Performance:	High	Based upon an assessment of the schedule and budget for 1 ongoing project.		
Complementary Efforts:	Medium	Per capita water use for Desoto County is between 75 and 125 gpcd.		
Project Readiness:	High	Project is ready to begin on or before December 1, 2019.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Strategic Initiative - Conservation: Enhance efficiencies in all water-use sectors. Southern Region Priority: Implement Southern Water Use Caution Area (SWUCA) Recovery Strategy.		
Overall Ranking and Recommendation				
Low Priority, not recommended for funding.	Although the project could provide cost effective alternative water supplies in the SWUCA, it is not recommended for funding as alternative water supply projects for members of regional water supply authorities must be submitted by the regional water supply authority per CFI guidelines. Staff continues to work with the County and the PRMRWSA to address this concern, and the project ranking may change. Desoto County qualifies for a 75% cost share as a REDI community as defined by Florida Statute. If funded, this project would require third-party review.			
Funding				
Funding Source	Prior	FY2020	Future	Total
Desoto County	\$0	\$75,000	\$1,348,375	\$1,423,375
District	\$0	\$225,000	\$4,045,125	\$4,270,125
Total	\$0	\$300,000	\$5,393,500	\$5,693,500

Project No. Q077	AWS - Venice Interconnect, Pumping and Storage			
City of Venice	FY2020			
Risk Level:	Type 2	Multi-Year Contract: No		
Description				
Description:	Construction of a potable water booster pump station, storage tank, and emergency interconnect to improve water pressure and reliability for water distribution to new developments in the City east of I-75. If funded, the project will require a third-party review to provide the information necessary to support the \$6,000,000 construction project. The City budgeted \$700,000 for design and permitting in FY2019.			
Measurable Benefit:	The project as proposed would improve potable supply and pressure to future growth areas and provide an emergency interconnect			
Costs:	Total project is \$6,000,000 (Construction) City of Venice: \$3,000,000; District: \$3,000,000.			
Evaluation				
Application Quality:	Medium	Application included most of the required information identified in the CFI Guidelines. District PM/CM had to work with the Cooperator to obtain additional information.		
Project Benefit:	Low	Local distribution systems and emergency interconnects are not eligible for funding.		
Cost Effectiveness:	Low	Evaluation metrics not applicable.		
Past Performance:	Medium	Based upon an assessment of the schedule and budget for the 2 ongoing projects.		
Complementary Efforts:	High	The cooperator per capita is below 75 gpcd. (63 gpcd)		
Project Readiness:	High	Project is ready to begin on or before December 1, 2019.		
Strategic Goals				
Strategic Goals:	Low	Strategic Initiative: None Region Priority: None		
Overall Ranking and Recommendation				
Low Priority, not recommended for funding.	As proposed, the project's distribution improvements and emergency interconnect do not meet criteria for cooperative funding. Staff have suggested the City revise the emergency interconnection as a bilateral flow interconnect and develop an interlocal agreement with the PRMRWSA to manage water supplies in a manner consistent with Board Policy 130-4. A revised project design may require systems to make disinfection and corrosion control compatible.			
Funding				
Funding Source	Prior	FY2020	Future	Total
District	\$0	\$3,000,000	\$0	\$3,000,000
City of Venice	\$0	\$3,000,000	\$0	\$3,000,000
Total	\$0	\$6,000,000	\$0	\$6,000,000

Project No. Q080	SW IMP - Flood Protection - Spring Lake Stormwater Improvements			
DeSoto County	FY2020			
Risk Level:	Type 3	Multi-Year Contract: No		
Description				
Description:	30% design and third-party review of improvements to an existing conveyance system from Kings Highway to Deep Creek in DeSoto County. The proposed improvements were included as recommendations in the Spring Lake Stormwater Study report that was completed in 2018 as part of the WMP - Spring Lake Stormwater Study (Q015). Over half of the existing 2.8 mile long channel is located on District owned land. This natural meandering stream will be deepened and widened to provide additional storage and conveyance capacity. Major improvements are also proposed for channel crossings at Cedar Avenue and Branson Avenue. District funding is for 30% design and third-party review as this project includes complex and uncertain aspects of the conceptual design. The FY2020 funding request is to complete 30% design and third-party review which will provide the necessary information to support funding in future years to complete design, permitting, and construction.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of 30% design of this proposed project to construct improvements to an existing conveyance system from Kings Highway to Deep Creek in DeSoto County.			
Costs:	Total project cost: \$150,000 (30% design, third-party review) DeSoto County: \$37,500 District: \$112,500 (75% REDI) The total conceptual estimate for design, permitting, and construction is \$3,354,949. It is anticipated that DeSoto County will request funding to complete design, permitting and construction in future years.			
Evaluation				
Application Quality:	Low	Application is missing information identified in the CFI guidelines. District PM is currently working with the cooperator to obtain required information.		
Project Benefit:	High	The Resource Benefit of this project, if constructed, will be a reduction in the depth and duration of flooding within the project area during the 100-year, 24-hour event. Structure and street flooding currently occur in the project area, and the project impacts the regional or intermediate drainage system.		
Cost Effectiveness:	Low	Benefit/Cost analysis was not provided.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 1 ongoing project.		
Complementary Efforts:	Low	Cooperator not participating in the Community Rating System program.		
Project Readiness:	High	Project is ready to begin on or before December 1, 2019.		
Strategic Goals				
Strategic Goals:	Medium	Strategic Initiative - Floodplain Management: Develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage.		
Overall Ranking and Recommendation				
Low Priority, not recommended for funding.	The Benefit/Cost analysis has not been provided by the County; however, District staff continues to work with County staff to clarify the FY2020 project scope and finalize the benefit/cost analysis for funding consideration prior to April 2019. Based upon additional information, the overall ranking could change. The County is requesting funds to complete the 30% design and third-party review only. The results from the 30% design plans and third-party review will provide the District with better information to confirm the resource benefits and cost effectiveness of constructing this project. If constructed, this project will reduce structure and street flooding during the 100-year, 24-hour storm event by increasing the storage and conveyance capacity of the conveyance system. DeSoto County qualifies for a 75% cost share as a REDI community as defined by Florida Statute. Under District Policy 130-4, the Board can reduce the requirement for matching funds for REDI communities.			
Funding				
Funding Source	Prior	FY2020	Future	Total
District	\$0	\$112,500	\$0	\$112,500
DeSoto County	\$0	\$37,500	\$0	\$37,500
Total	\$0	\$150,000	\$0	\$150,000

Project No. Q102	Restoration - Johnson Preserve at Braden River			
Manatee County	FY2020			
Risk Level:	Type 2	Multi-Year Contract: No		
Description				
Description:	Project involves the reimbursement of funds for 43.8 acres of land previously purchased by Manatee County.			
Measurable Benefit:	The contractual Measurable Benefit is the reimbursent of funds previously expended by Manatee County for the purchase of 43.8 acres of lands consisting of native uplands and wetlands.			
Costs:	Total Project Cost: \$3,338,028 Manatee County: \$2,338,028 (including a grant of \$1,039,828 from the Conservation Foundation of the Gulf) District: \$1,000,000			
Evaluation				
Application Quality:	Medium	Application included most of the required information in the CFI guidelines. District PM/CM had to work with the cooperator to obtain remaining required information.		
Project Benefit:	Low	There is no resource benefit identified for this project. The property is currently owned by Manatee County and consists of native uplands and wetlands.		
Cost Effectiveness:	Low	There are no cost effectiveness metrics for land acquisition reimbursements.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 5 ongoing projects		
Complementary Efforts:	High	Applicant has an environmentally sensitive lands purchase program, exotic removal/treatment programs, adopt a pond or adopt a highway programs, and maintains "nature parks" or "open space" within its park system.		
Project Readiness:	Low	The land was previously purchased by the County. There is no project to assess project readiness.		
Strategic Goals				
Strategic Goals:	Low			
Overall Ranking and Recommendation				
Low Priority, not recommended for funding.	Project involves the reimbursement of funds for 43.8 acres of land previously purchased by Manatee County. Per CFI quidelines the District will consider land acquisition costs incurred by the local governments as a funding match if the land was purchased recently and soley for the project for which funding is being requested. The County did not identify an elgible project as the land purchased consists of native uplands and wetlands.			
Funding				
Funding Source	Prior	FY2020	Future	Total
Manatee County	\$2,331,028	\$7,000	\$0	\$2,338,028
District	\$0	\$1,000,000	\$0	\$1,000,000
Total	\$2,331,028	\$1,007,000	\$0	\$3,338,028

Project No. Q104	WMP - Lemon Bay WMP Alternative Analysis			
Sarasota County	FY2020			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 1 of 2		
Description				
Description:	Complete a Watershed Management Plan for the Lemon Bay Watershed in Sarasota County. A water quality model was previously developed for the Lemon Bay Watershed, and floodplain models have been developed for the Lemon Bay Watershed and Lemon Bay Coastal subwatershed. FY2020 funds will be used to complete flood protection and water quality alternative analysis tasks including Stormwater Level of Service analysis (LOS), Surface Water Resource Assessment (SWRA), and Best Management Practices (BMP) alternative analysis.			
Measurable Benefit:	The benefit will be the completion of alternative analysis information that is critical to better identify flood damage and cost effective alternatives for water quantity and quality.			
Costs:	Total project cost \$470,000 Sarasota County: \$235,000 District: \$235,000, with \$117,500 requested in FY2020, and \$117,500 anticipated to be requested in future years.			
Evaluation				
Application Quality:	Medium	Application included most of the required information identified in the CFI guidelines. District CM had to work with the cooperator to obtain remaining required information.		
Project Benefit:	High	The benefit of the project is the completion of a LOS analysis, SWRA, and BMP alternative analysis, and the identification of cost effective alternatives for water quantity and quality.		
Cost Effectiveness:	Low	Project cost per square mile is in the medium-range of historic costs (between \$4,001 and \$11,000/sq mi) for WMP Alternatives Analysis completed in Mixed watersheds.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 7 ongoing projects.		
Complementary Efforts:	High	Cooperator's Community Ranking System class is 5 and is in the 5 or better range.		
Project Readiness:	Low	The FY2019 Sarasota Bay WMP BMP Analysis (N991) is intended to be an example of how the Lemon Bay WMP BMP project will be performed and the benefits that might be achieved. Work on the Sarasota Bay WMP BMP project will likely begin in early 2019.		
Strategic Goals				
Strategic Goals:	High	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. Strategic Initiative - Floodplain Management: Develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage.		
Overall Ranking and Recommendation				
Low Priority, not recommended for funding.	The project is premature. Work on the Sarasota Bay WMP BMP project, which is intended to be an example of how the Lemon Bay WMP BMP project will be performed, will begin in 2019. It is premature to start the Lemon Bay project prior to getting results from the Sarasota Bay project that was funded in FY2019. Recommend resubmitting a funding application in FY2021 or upon completion of the Sarasota Bay project.			
Funding				
Funding Source	Prior	FY2020	Future	Total
Sarasota County	\$0	\$117,500	\$117,500	\$235,000
District	\$0	\$117,500	\$117,500	\$235,000
Total	\$0	\$235,000	\$235,000	\$470,000

Project No. Q114	Conservation - North Port Potable Distribution Looping FY2020			
City of North Port -	FY2020			
Public Utilities Risk Level:	Type 2	Multi-Year Contract: No		
Description				
Description:	Construction of approximately 4,550 feet of new potable water lines and associated components necessary to eliminate system dead ends. This is considered a utility-based supply side conservation project, and will reduce routine flushing in two areas by allowing potable water circulation in the northwest and central areas of the city.			
Measurable Benefit:	The Measurable Benefit, which will be the contractual requirement, is the construction of approximately 4,550 feet of new water lines and associated component to eliminate distribution system dead-ends. Construction will be done in accordance with the permitted plans.			
Costs:	Total Project Cost: \$475,100 (Construction) City of North Port: \$237,550 District: \$237,550			
Evaluation				
Application Quality:	Medium	Application included most of the required information in the CFI guidelines. District staff had to work with cooperator to obtain remaining required information.		
Project Benefit:	High	The benefit of this project is the conservation of approximately 19,627 gallons per day in the Southern Water Use Caution Area (SWUCA).		
Cost Effectiveness:	Medium	Project cost effectiveness is between \$3.01 and \$6.00 per thousand gallons saved.		
Past Performance:	Medium	Based on an assessment of the schedule and budget for the 4 ongoing projects.		
Complementary Efforts:	High	Cooperator per capita is below 75.		
Project Readiness:	High	Project is ready to begin on or before December 1, 2019.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative - Conservation: Enhance efficiencies in all water-use sectors. Southern Region Priority: Implement Southern Water Use Caution Area (SWUCA) Recovery Strategy.		
Overall Ranking and Recommendation				
Low Priority, not recommended for funding.	This project is not recommended for funding as the project would enable the connection of new customers to the utility distribution system. Installation of new potable distribution lines for new customer acquisition is not eligible for funding under the current funding guidelines. The District is currently working to clarify line looping project eligibility requirements and could reassess the overall recommendation based on the results of that effort.			
Funding				
Funding Source	Prior	FY2020	Future	Total
District	\$0	\$237,550	\$0	\$237,550
City of North Port	\$0	\$237,550	\$0	\$237,550
Total	\$0	\$475,100	\$0	\$475,100

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 and activities. Anyone requiring reasonable accommodation as provided for in the Americans with Disabilities Act should contact the District's Human Resources Director, 2379 Broad Street, Brooksville, Florida 34604-6899; 1-352-796-7211 or 1-800-423-1476 (Florida only), extension 4702; TDD (Florida only) 1-800-231-6103; or email to ADACoordinator@swfwmd.state.fl.us