

Tampa Bay Region

FY2021 Cooperative Funding Initiative

Preliminary Project Evaluations and Rankings



Southwest Florida Water Management District
Tampa Bay Region
FY2021 Proposed Project Funding
February 13, 2020

Page	Project	Cooperator	Project Name	Rank	District Prior Funding	FY2021 Proposed District Funding	District Future Funding
Projects Ranked 1A Priority							
1	N748	Tampa	SW IMP - Flood Protection - Dale Mabry Henderson Trunkline - Upper Peninsula Watershed Drainage Improvements	1A	15,000,000	3,250,000	0
2	N773	Tampa	SW IMP - Flood Protection - Cypress Street Outfall Regional Stormwater Improvements	1A	9,500,000	7,758,107	0
3	N904	St. Petersburg	WMP - City of St. Petersburg Watershed Management Plan	1A	631,250	268,750	0
4	N965	TBW	AWS - TBW Tampa Bypass Canal Gate Automation	1A	427,500	88,500	0
5	N970	Pinellas Co	WMP - South Creek Watershed Management Plan	1A	225,000	150,000	0
6	N993	Pasco Co	WMP - Cypress Creek WMP Update	1A	648,000	252,000	0
7	N995	Plant City	WMP - Plant City Watershed Management Plan	1A	450,000	200,000	0
8	N998	TBW	AWS - TBW Regional Treatment Facility Pumping Expansion	1A	1,122,500	77,500	0
9	Q034	Pinellas Co	WMP - Brooker Creek Watershed Management Plan	1A	300,000	150,000	0
10	Q053	Tarpon Springs	SW IMP - Flood Protection - Grosse Avenue Corridor Drainage Improvements	1A	901,500	466,900	0
11	Q061	TBW	Study - TBW Regional Surface Water Treatment Plant Expansion Feasibility	1A	225,000	50,000	0
12	Q063	TBW	Study - TBW Desal Facility Expansion Feasibility	1A	550,000	950,000	0
13	Q083	Pinellas Co	WMP - Klosterman Bayou Watershed Management Plan	1A	100,000	50,000	0
14	Q090	Belleair	Study - Belleair Brackish Feasibility and Testing	1A	705,340	176,335	0
15	Q115	Pasco Co	WMP - East Pasco WMP Update	1A	200,000	200,000	0
16	Q116	Pinellas Co	WMP - Roosevelt Creek Watershed Management Plan	1A	100,000	150,000	150,000
17	Q130	Pinellas Co	Study - Nutrient Source Tracking	1A	40,000	45,000	15,000
Projects Ranked High Priority							
18	N949	Tampa	SW IMP - Flood Protection - Southeast Seminole Heights Flood Relief	H	500,000	3,500,000	7,750,000
19	Q125	Plant City	SW IMP - Water Quality - McIntosh Park Integrated Water Master Plan	H	337,175	287,175	4,052,500
20	Q140	Tarpon Springs	Conservation - Tarpon Springs Toilet Rebate Phase 2	H	0	10,000	0
21	Q142	Pinellas Co	ASR - Pinellas County Chesnut Park ASR and Aquifer Recharge	H	0	893,500	0
22	Q146	TBW	AWS - Tampa Bay Water Southern Hillsborough Co. Booster Pump Station	H	0	500,000	3,050,000
23	Q149	Pinellas Co	WMP - Coastal Zone 5 Watershed Management Plan	H	0	75,000	212,500
24	Q156	Pasco Co	SW IMP - Flood Protection - Port Richey Northern Outfall Improvements	H	0	1,150,000	0
25	Q158	Pasco Co	Reclaimed - Pasco Co. River Landing Reclaimed Water Transmission	H	0	1,693,300	0
26	Q163	Seminole	Study - Seminole Stormwater Master Plan Update and Infrastructure Assessment	H	0	125,000	125,000
27	Q169	Pasco Co	Study - Zephyr Creek Feasibility Study	H	0	75,000	0
28	Q189	Pasco Co	Study - Tammy Lane/Timber Lake Estates Feasibility Study	H	0	75,000	0
29	Q190	Tampa	SW IMP - Flood Protection - Lower Peninsula Stormwater Improvements - Southeast Region	H	0	35,000	0
30	Q210	Pasco Co	SW IMP - Flood Protection - Griffin Park Flood Abatement	H	0	195,000	705,000
31	Q213	Hillsborough Co	Hillsborough County SCADA System	H	0	200,000	700,000
32	Q215	TBW	Tampa Bay Water Demand Management Program Ph 2	H	0	1,432,238	0

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Page	Project	Cooperator	Project Name	Rank	District Prior Funding	FY2021 Proposed District Funding	District Future Funding
33	W024	TBEP	FY2021 Tampa Bay Environmental Restoration Fund	H	0	350,000	0
34	W211	Pinellas Co	Restoration - Weedon Island Tidal Marsh	H	0	56,268	412,632
35	W220	Redington Bch	SW IMP - Water Quality - Town of Redington Beach Stormwater Retrofits	H	0	75,000	0
<u>Projects Ranked Medium Priority</u>							
36	Q132	Hillsborough Co	WMP - Countywide Floodway Update and Re-delineation	M	0	500,000	0
37	Q171	Pinellas Co	Study - McKay Creek Model Update, Alternatives Analysis and Feasibility Study	M	0	130,000	130,000
38	Q175	Belleair	Study - Bluff Restoration and Erosion Abatement	M	0	135,000	0
39	Q196	Pinellas Co	Study - Joe's Creek Model Update, Alternatives Analysis and Feasibility Study	M	0	180,000	180,000
40	Q199	Pinellas Co	WMP - Starkey Road WMP Update	M	0	75,000	175,000
41	W299	Pinellas Co	SW IMP - Water Quality - Ibis Stormwater Pond Retrofit	M	0	145,000	0
Recommended for Funding Total:						\$26,175,573	\$17,657,632
<u>Projects Ranked Low and/or Not Recommended</u>							
42	N901	Pasco Co	SW IMP - Flood Protection - Port Richey Alternative Outfall	L	625,000	750,000	250,000
43	Q147	Madeira Bch	SW IMP - Water Quality - Area 3 and Area 5 Stormwater BMPs	L	0	1,030,000	1,905,000
Not Recommended for Funding Total:						\$1,780,000	\$2,155,000
Tampa Bay Region Total:						\$27,955,573	\$19,812,632

Project No. N748	SW IMP – Flood Protection – Dale Mabry Henderson Trunkline – Upper Peninsula			
City of Tampa	Watershed Drainage Improvements			FY2021
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 6 of 6		
Description				
Description:	This project is for design, permitting and construction to improve the existing drainage system for the Dale Mabry Highway and Henderson Boulevard area in the City of Tampa to relieve commercial and street flooding. An alternative analysis was completed in 2012 and identified this project as a preferred alternative. Funding was approved in FY2016 for 30% design and third-party review. The District required a third-party review because the conceptual construction estimate is greater than \$5 million dollars. The FY2021 funding request is to complete construction.			
Measurable Benefit:	The contractual Measurable Benefit will be completion of design, permitting and construction of the drainage conveyance system BMP's to reduce flooding in approximately 533 acres of highly urbanized basin. Construction will be in accordance with the permitted plans.			
Costs:	Total project cost: \$36,500,000 (design, third-party review, permitting, and construction) City of Tampa: \$18,250,000 District: \$18,250,000 with \$15,000,000 budgeted in previous years and \$3,250,000 requested in FY2021.			
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 2.33 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 upon an assessment of the schedule and budget for the 8 ongoing projects.		
Complementary Efforts:	High	Cooperator's Community Rating System class is 5 and is in the 5 or less range.		
Project Readiness:	High	The project is ongoing and on schedule.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative – Flood Protection Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve flood protection, and operate District flood control and conservation structures to minimize flood damage while preserving the water resource. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds		
Overall Ranking and Recommendation				
Fund as 1A Priority.	This ongoing project was approved for continuation by the Governing Board on March 27, 2018 following the third party review for a total project cost of \$36,500,000. This project will provide flood protection for structures and streets during the 2.33 year, 24-hour storm event. Project area serves as the main evacuation route for South Tampa.			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$15,000,000	\$3,250,000	\$0	\$18,250,000
City of Tampa	\$15,000,000	\$3,250,000	\$0	\$18,250,000
Total	\$30,000,000	\$6,500,000	\$0	\$36,500,000

Project No. N773	SW IMP – Flood Protection – Cypress Street Outfall Regional Stormwater Improvements			
City of Tampa	FY2021			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 5 of 5		
Description				
Description:	Design, permitting and construction to improve the existing drainage system for the West Riverfront and North Hyde Park areas in the City of Tampa to relieve structure and street flooding . This project is for construction of Phase 2 of the project which extends the Phase 1 outfall which was funded solely by the City of Tampa. Funding was approved in FY2017 for 30% design and third-party review. The District required a third-party review because the conceptual construction estimate is greater than \$5 million dollars. The FY2021 funding request is to complete construction.			
Measurable Benefit:	The contractual Measurable Benefit will be completion of design, permitting and construction of the proposed project to construct drainage conveyance system BMP's to reduce flooding in approximately 895 acres of highly urbanized basin. Construction will be in accordance with the permitted plans.			
Costs:	Total project cost: \$34,516,215 (design, third-party review, permitting and construction) City of Tampa: \$17,258,108 District: \$17,258,107 with \$9,500,000 budgeted in previous years and \$7,758,107 requested in FY2021.			
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 25 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 upon an assessment of the schedule and budget for the 8 ongoing projects.		
Complementary Efforts:	High	Cooperator's Community Rating System class is 5 and is in the 5 or less range.		
Project Readiness:	High	The project is ongoing and on schedule.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative – Flood Protection Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve flood protection, and operate District flood control and conservation structures to minimize flood damage while preserving the water resource. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds		
Overall Ranking and Recommendation				
Fund as 1A Priority.	This ongoing project was approved for continuation by the Governing Board on April 23, 2019 following the third party review for a total project cost of \$34,516,215. This project will provide flood protection for structures and streets during the 25 year, 24-hour storm event.			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$9,500,000	\$7,758,107	\$0	\$17,258,107
City of Tampa	\$9,500,000	\$7,758,108	\$0	\$17,258,108
Total	\$19,000,000	\$15,516,215	\$0	\$34,516,215

Project No. N904	WMP - City of St. Petersburg Watershed Management Plan			
City of St. Petersburg	FY2021			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 3 of 3		
Description				
Description:	Watershed Management Plan (WMP) for the City of St. Petersburg in Pinellas County, through and including floodplain analysis, Level of Service determination (LOS), Surface Water Resource Assessment (SWRA), and Best Management Practices (BMPs) alternative analysis. The City of St. Petersburg last completed a citywide stormwater master plan in 1994. FY2021 funding will be used to complete the floodplain analysis, LOS, SWRA, and BMP alternatives analysis.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of a watershed model and floodplain analysis including information that is critical to better identify risk of flood damage, opportunities to improve water quality, and cost effective alternatives.			
Costs:	Total project cost: \$1,800,000 City of St. Petersburg: \$900,000 District: \$900,000 with \$631,250 budgeted in previous years and \$268,750 requested in FY2021.			
Evaluation				
Application Quality:	High	Application included all the required information identified in the CFI Guidelines.		
Project Benefit:	High	The WMP will analyze flood 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 in the low-range of historic costs (less than \$30,000/sq mi) for WMPs completed in urban watersheds. Cost effectiveness for multi-year projects is based upon the metrics in place when project was originally approved.		
Past Performance:	Medium	Based upon an assessment of the schedule and budget for the 9 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 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. Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds		
Overall Ranking and Recommendation				
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 insurance 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	FY2021	Future	Total
District	\$631,250	\$268,750	\$0	\$900,000
City of St. Petersburg	\$631,250	\$268,750	\$0	\$900,000
Total	\$1,262,500	\$537,500	\$0	\$1,800,000

Project No. N965	AWS - TBW Tampa Bypass Canal Gate Automation			
Tampa Bay Water	FY2021			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 3 of 3		
Description				
Description:	Design, permitting and construction to equip existing manual weir gates located on top of the larger flood control gates with remote-controlled motorized actuators at the Tampa Bypass Canal Structures 160, 161, and 162. The structures are owned by the Army Corps of Engineers, the flood control gates are operated by the District, and the weir gates are operated by Tampa Bay Water.			
Measurable Benefit:	The contractual Measurable Benefit will be the design, permitting, and construction of remote controlled, motorized gate actuators at Tampa Bypass Canal Structures S-160, S-161 and S-162. Construction will be done in accordance with the permitted plans.			
Costs:	Total project cost: \$1,032,000 (Design, permitting and construction) Tampa Bay Water: \$516,000, District: \$516,000, with \$427,500 budgeted in previous years, \$88,500 requested in FY2021			
Evaluation				
Application Quality:	High	Application included all the required information identified in the CFI Guidelines.		
Project Benefit:	High	The benefit of this project will allow a more controlled release of water from pool to pool at the Tampa Bypass Canal, and reduce water loss due to flood management. Automating the weir gates will improve the water quality by better controlling the use of the larger flood control gates which stirs up bottom sediment in the canal. This project will reduce the frequency of District manual operation of the larger flood control gates.		
Cost Effectiveness:	High	The cost effectiveness is 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 2 ongoing projects.		
Complementary Efforts:	High	Applicant provides wholesale water supplies to the counties of Hillsborough, Pasco, and Pinellas, as well as the cities of Tampa, St. Petersburg, and New Port Richey.		
Project Readiness:	High	Project is ongoing and on schedule.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative - Conservation: Enhance efficiencies in all water-use sectors to ensure beneficial use. Strategic Initiative - Minimum Flows and Levels Establishment and Recovery: Establish and monitor MFLs, and, where necessary, develop and implement recovery plans to prevent significant harm and reestablish the natural ecosystem. 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 will provide an economic method for water conservation and increased alternative water supply. Project cost has increased by \$368,750 (36%) based upon construction bids; however, TBW will provide additional funds for the project.			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$427,500	\$88,500	\$0	\$516,000
Tampa Bay Water	\$427,500	\$88,500	\$0	\$516,000
Total	\$855,000	\$177,000	\$0	\$1,032,000

Project No. N970	WMP - South Creek Watershed Management Plan			
Pinellas County	FY2021			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 3 of 3		
Description				
Description:	Complete a Watershed Management Plan (WMP) for the South Creek Watershed in Pinellas County, through and including Watershed Evaluation, Floodplain Analysis, Level of Service (LOS) Determination, Surface Water Resource Assessment (SWRA), and Best Management Practice (BMP) Alternatives Analysis. FY2021 funding will be used to complete Floodplain Analysis, LOS Determination, SWRA, and BMP Alternatives Analysis.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of a WMP that identifies floodplains, establishes LOS, performs SWRA, and evaluates BMPs to address flooding and water quality concerns in the watershed.			
Costs:	Total project cost: \$750,000 Pinellas County: \$375,000 District: \$375,000 with \$225,000 budgeted in previous years and \$150,000 requested in FY2021.			
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:	Low	Project cost per square mile is in the high-range of historic costs (more than \$50,000/sq mi) for WMPs completed in urban watersheds. This is a heavily urbanized watershed and will require a high level of effort during the watershed evaluation and floodplain analysis phases of the project. Cost effectiveness for multi-year projects is based upon the metrics in place when project was originally approved.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 12 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 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: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds		
Overall Ranking and Recommendation				
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 to enhance the planning of future development in the project area. The higher cost is associated with the watershed evaluation and floodplain analysis effort in this highly urbanized watershed.			
Funding				
Funding Source	Prior	FY2021	Future	Total
Pinellas County	\$225,000	\$150,000	\$0	\$375,000
District	\$225,000	\$150,000	\$0	\$375,000
Total	\$450,000	\$300,000	\$0	\$750,000

Project No. N993	WMP - Cypress Creek WMP Update			
Pasco County	FY2021			
Risk Level:	Type 4	Multi-Year Contract: Yes, Year 3 of 3		
Description				
Description:	Complete a Watershed Management Plan (WMP) update for the Cypress Creek watershed in Pasco County, through and including Watershed Evaluation, Floodplain Analysis, Level of Service (LOS) Determination, and Best Management Practice (BMP) Alternative Analysis. FY2021 funding will be used to complete Floodplain Analysis, LOS Determination, and BMP Alternative Analysis.			
Measurable Benefit:	The Measurable Benefit will be the completion of an updated WMP that identifies floodplains , establishes LOS, and evaluates BMPs to address flooding concerns in the watershed.			
Costs:	Total project cost: \$1,800,000 Pasco County: \$900,000 District: \$900,000 with \$648,000 budgeted in previous years and \$252,000 requested in FY2021.			
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 and the watershed has experienced substantial changes since last study, and the watershed includes regional or intermediate stormwater systems.		
Cost Effectiveness:	High	Project cost per square mile is in the low range of historic costs (less than \$22,000 / sq mi) for WMP updates completed in mixed watersheds. Cost effectiveness for multi-year projects is based upon the metrics in place when project was originally approved.		
Past Performance:	Medium	Based upon an assessment of the schedule and budget for the 18 ongoing projects.		
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. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds		
Overall Ranking and Recommendation				
Fund as 1A Priority.	This ongoing project updates flood risk in an area that has experienced substantial changes since last study. The resulting product will be utilized for flood zone determination, to help implement solutions that alleviate flood risk, and enhance the planning of future development in the project area.			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$648,000	\$252,000	\$0	\$900,000
Pasco County	\$648,000	\$252,000	\$0	\$900,000
Total	\$1,296,000	\$504,000	\$0	\$1,800,000

Project No. N995	WMP - Plant City Watershed Management Plan			
Plant City	FY2021			
Risk Level:	Type 4	Multi-Year Contract: Yes, Year 3 of 3		
Description				
Description:	Watershed Management Plan (WMP) and stormwater inventory, floodplain delineation, and Best Management Practices (BMP) alternative analysis for the Plant City Watershed using digital topographic information, ERP data, and landuse updates. Two studies have been completed within the City Limits, the Eastside Canal Improvements in 2001 and the Westside Canal Improvements in 2008. Information from those studies will be utilized and incorporated into the new WMP. FY2021 funding will be used for the completion of the floodplain delineation and the BMP alternatives analysis.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of a WMP and stormwater inventory , floodplain delineation and Best Management Practices Alternative Analysis for the Plant City Watershed in the City of Plant City using digital topographic information , ERP data and landuse updates.			
Costs:	Total project cost: \$1,300,000 City of Plant City: \$650,000 District: \$650,000 with \$450,000 budgeted in previous years and \$200,000 requested in FY2021.			
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 over 10 years old, and the watershed includes regional or intermediate stormwater systems.		
Cost Effectiveness:	Medium	Project costs per square mile is in the mid-range of historic costs (\$30,001 to \$50,000/sq. mi.) for WMPs completed in urban watersheds. Cost effectiveness for multi-year projects is based upon the metrics in place when project was originally approved.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 1 ongoing project.		
Complementary Efforts:	Medium	Cooperator's Community Rating System class is 8 and is in the 6 to 9 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. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds		
Overall Ranking and Recommendation				
Fund as 1A Priority.	This ongoing project identifies flood risk in an area with a combination of limited detailed study information and no detailed study information. The resulting product will be utilized for flood zone determination, to help implement solutions that alleviate flood risk, and enhance the planning of future development in the project area.			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$450,000	\$200,000	\$0	\$650,000
Plant City	\$450,000	\$200,000	\$0	\$650,000
Total	\$900,000	\$400,000	\$0	\$1,300,000

Project No. N998	AWS - TBW Regional Treatment Facility Pumping Expansion			
Tampa Bay Water	FY2021			
Risk Level:	Type 2	Multi-Year Contract: Yes, Year 3 of 3		
Description				
Description:	The project will include design, permitting, and construction activities that will increase Tampa Bay Water's (TBW) pumping capacity of alternative water supply by 10-12 MGD average and 20-22 MGD maximum at the Regional Facility Site High Service Pump Station. Project involves the installation of a new 24 MGD (2,000 HP) split case pump, structural modifications to support the pump, variable frequency drive, motor and ancillary electrical and mechanical equipment.			
Measurable Benefit:	The contractual Measurable Benefit will be the design, permitting and construction of a high service pump that will increase Tampa Bay Water's pumping capacity of alternative water supply at the Regional Facility Site High Service Pump Station. Construction will be done in accordance with the permitted plans.			
Costs:	Total Project Cost: \$2,400,000 (Design, permitting, and construction) Tampa Bay Water: \$1,200,000 District: \$1,200,000 with \$1,122,500 requested in previous years and \$77,500 requested in FY2021			
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 increase in Tampa Bay Water's pumping capacity of alternative water supply at the Regional Facility Site High Service Pump Station, which is projected to increase the annual average capacity by 10-12 MGD over 20 years. The increased pumping capacity is part of a larger, overall program to increase the resiliency of the Tampa Bay region's water supply system and maximize the use of permitted surface water capacity when it is available. This additional pumping capacity will also prepare the system for the next increment of supply that will be developed as part of the Long-Term Master Water Supply Plan.		
Cost Effectiveness:	High	The project is cost effective relative to comparable projects for increasing existing capacity.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 2 ongoing projects.		
Complementary Efforts:	High	The applicant provides wholesale alternative water supplies to the counties of Hillsborough, Pasco and Pinellas, as well as the cities of Tampa, St. Petersburg, and New Port Richey.		
Project Readiness:	High	Project is ongoing and on schedule.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery Strategies.		
Overall Ranking and Recommendation				
Fund as 1A Priority.	This ongoing project increases alternative water supply pumping capacity in the Tampa Bay Region and is cost effective.			
Funding				
Funding Source	Prior	FY2021	Future	Total
Tampa Bay Water	\$1,122,500	\$77,500	\$0	\$1,200,000
District	\$1,122,500	\$77,500	\$0	\$1,200,000
Total	\$2,245,000	\$155,000	\$0	\$2,400,000

Project No. Q034	WMP - Brooker Creek Watershed Management Plan			
Pinellas County	FY2021			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 3 of 3		
Description				
Description:	Complete a Watershed Management Plan (WMP) for the Brooker Creek Watershed in Pinellas County, through and including Watershed Evaluation, Floodplain Analysis, Level of Service (LOS) Determination, Surface Water Resource Assessment (SWRA), and Best Management Practice (BMP) Alternatives Analysis. FY2021 funding will be used to complete Floodplain Analysis, LOS Determination, SWRA, and BMP Alternatives Analysis.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of a WMP that identifies floodplains, establishes LOS, performs SWRA, and evaluates BMPs to address flooding and water quality concerns in the watershed.			
Costs:	Total project cost: \$900,000 Pinellas County: \$450,000 District: \$450,000 with \$300,000 budgeted in previous years and \$150,000 requested in FY2021.			
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:	Low	Project cost per square mile is in the high-range of historic costs (more than \$50,000/sq mi) for WMPs completed in mixed watersheds. However, additional effort is required to incorporate the five adjacent watershed studies to this WMP. Cost effectiveness for multi-year projects is based upon the metrics in place when project was originally approved.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 12 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 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: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds		
Overall Ranking and Recommendation				
Fund as 1A Priority.	This ongoing project identifies flood risk in an area with existing flood analysis more than 10 years old. The resulting product will be utilized for flood zone determination, to help implement solutions that alleviate flood risk and improve water quality, and to enhance the planning of future development in the project area. The higher cost for this urban watershed is justified due to the flooding in the watershed over the past few years and priority to have reasonable floodplain results incorporating modeling of the five adjacent watershed studies located in Pinellas, Pasco, and Hillsborough Counties.			
Funding				
Funding Source	Prior	FY2021	Future	Total
Pinellas County	\$300,000	\$150,000	\$0	\$450,000
District	\$300,000	\$150,000	\$0	\$450,000
Total	\$600,000	\$300,000	\$0	\$900,000

Project No. Q053	SW IMP – Flood Protection – Grosse Avenue Corridor Drainage Improvements			
Tarpon Springs	FY2021			
Risk Level:	Type 2	Multi-Year Contract: Yes, 2 of 2		
Description				
Description:	Construction of new stormwater management ponds at the northeast corner of Grosse Avenue and Cypress Street, and south of Spruce Street; the expansion of existing ponds at the northwest corner of Levis Avenue and Pine Street (serving Tarpon Springs Elementary School) and at the southwest corner of Levis Avenue and Center Street; and the installation of associated stormwater collection systems. FY2021 funding will be used to complete construction.			
Measurable Benefit:	The contractual Measurable Benefit will be the construction of stormwater conveyance and storage systems to reduce flooding within the benefit area. Construction will be in accordance with the permitted plans.			
Costs:	Total project cost: \$2,736,800 (construction) City of Tarpon Springs: \$1,368,400 District: \$1,368,400 with \$901,500 budgeted in previous years and \$466,900 requested in FY2021.			
Evaluation				
Application Quality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM had to work with cooperator to obtain remaining required information.		
Project Benefit:	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:	Medium	Based upon an assessment of the schedule and budget for the 3 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 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. Strategic Initiative – Flood Protection Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve flood protection, and operate District flood control and conservation structures to minimize flood damage while preserving the water resource. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds		
Overall Ranking and Recommendation				
Fund as 1A Priority.	The project area has experienced severe roadway and structure flooding problems, including one hurricane evacuation route. This ongoing project will reduce structure and street flooding during the 100 year, 24-hour storm event by constructing new stormwater conveyance and storage ponds. Staff is currently working with the Cooperator to confirm potential cost increases and the overall ranking for this project might change.			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$901,500	\$466,900	\$0	\$1,368,400
Tarpon Springs	\$901,500	\$466,900	\$0	\$1,368,400
Total	\$1,803,000	\$933,800	\$0	\$2,736,800

Project No. Q061	Study - TBW Regional Surface Water Treatment Plant Expansion Feasibility			
Tampa Bay Water	FY2021			
Risk Level:	Type 2	Multi-Year Contract: Yes, 2 of 2		
Description				
Description:	A feasibility study to further assess expanding the existing Regional Surface Water Treatment Plant and increasing the use of associated surface water supplies to maximize the available yield for Tampa Bay Water's (TBW) regional water supplies. The analysis will explore tasks such as capacity evaluation, field testing of treatment processes, modeling, conceptual design of new surface water treatment plant , conceptual cost and site plan development. Expanding the Regional Surface Water Treatment Plan is one of the options under consideration to assist supplying 10-12 mgd identified in the 2018 Long-term Master Water Plan Update.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of the feasibility study. TBW is exploring options or a combination of options to provide 20 mgd to meet future demands in the Tampa Bay Area for the 2020-2040 planning horizon.			
Costs:	Total project cost \$550,000 (feasibility study) Tampa Bay Water share \$275,000 District: \$275,000 with \$225,000 budgeted in previous years, \$50,000 requested in FY2021			
Evaluation				
Application Quality:	High	Application included all the required information identified in the CFI Guidelines.		
Project Benefit:	High	The benefit of this project will provide information for TBW to make a decision on what water supply options are the most efficient and cost effective to meet the region 's demands of approximately 20 mgd for the future.		
Cost Effectiveness:	High	The cost effectiveness is reasonable and consistent with previous cooperative funding average costs for similar projects.		
Past Performance:	High	Based upon an assessment of the schedule and budget for 2 ongoing projects.		
Complementary Efforts:	High	The cooperator provides wholesale water supplies to counties of Hillsborough, Pasco, and Pinellas, as well as the cities of Tampa, St. Petersburg and New Port Richey. TBW plans and coordinates conservation programming in the Tampa Bay region . TBW has implemented a demand management project that offers financial incentives and services to customers for up to ten conservation activities.		
Project Readiness:	High	Project is ongoing and on schedule.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery Strategies.		
Overall Ranking and Recommendation				
Fund as 1A Priority.	This project contributes to development of the next water supply project to meet future demands for the Tampa Bay Region. The study will provide information for TBW to choose the most efficient and cost effective project for the region .			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$225,000	\$50,000	\$0	\$275,000
Tampa Bay Water	\$225,000	\$50,000	\$0	\$275,000
Total	\$450,000	\$100,000	\$0	\$550,000

Project No. Q063	Study - TBW Desal Facility Expansion Feasibility			
Tampa Bay Water	FY2021			
Risk Level:	Type 2	Multi-Year Contract: Yes, Year 2 of 2		
Description				
Description:	Further assess the feasibility of expanding the existing Desalination Water Treatment Plant to maximize the available yield for Tampa Bay Water's (TBW) regional water supplies. The analysis will explore tasks such as pilot scale testing of alternate pre-treatment systems, water quality sampling, preliminary permitting and modeling as well as conceptual cost and site plan development. Expanding the Desalination Water Treatment Plant is one of the options under consideration to assist in supplying 10-15 mgd identified in the Long-Term Master Water Plan Update.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of the feasibility study. TBW is exploring options or a combination of options to provide 20 mgd to meet future demands in the Tampa Bay Area for the 2020-2040 planning horizon.			
Costs:	Total Project Cost \$3,000,000 (feasibility study) TBW share \$1,500,000 District: \$1,500,000 with \$550,000 budgeted in previous years, \$950,000 requested in FY2021.			
Evaluation				
Application Quality:	High	Application included all the required information identified in the CFI Guidelines.		
Project Benefit:	High	The benefit of this project will provide information for TBW to make a decision on what water supply options are the most efficient and cost effective to meet the region's demands of approximately 20 mgd for the future.		
Cost Effectiveness:	High	The cost effectiveness is reasonable and consistent with previous cooperative funding average costs for similar projects.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 2 ongoing projects.		
Complementary Efforts:	High	The cooperator provides wholesale water supplies to counties of Hillsborough, Pasco, and Pinellas as well as the cities of Tampa, St. Petersburg, and New Port Richey.		
Project Readiness:	High	Project is ongoing and on schedule.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery Strategies.		
Overall Ranking and Recommendation				
Fund as 1A Priority.	This project contributes to development of the next water supply project to meet future demands for the Tampa Bay Region. The study will provide information for TBW to choose the most efficient and cost effective project for the region.			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$550,000	\$950,000	\$0	\$1,500,000
Tampa Bay Water	\$550,000	\$950,000	\$0	\$1,500,000
Total	\$1,100,000	\$1,900,000	\$0	\$3,000,000

Project No. Q083	WMP - Klosterman Bayou Watershed Management Plan			
Pinellas County	FY2021			
Risk Level:	Type 3	Multi-Year Contract: Yes, 2 of 2		
Description				
Description:	Complete a Watershed Management Plan (WMP) for the Klosterman Bayou watershed in Pinellas County, through and including Watershed Evaluation, Floodplain Analysis, Level of Service (LOS) Determination, Surface Water Resource Assessment (SWRA), and Best Management Practice (BMP) Alternative Analysis. FY2021 funding will be used to perform the Floodplain Analysis and BMP Alternatives Analysis.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of a WMP that identifies floodplains, establishes LOS, and evaluates BMPs to address flooding concerns in the Klosterman Bayou watershed.			
Costs:	Total project cost: \$300,000 Pinellas County: \$150,000 District: \$150,000 with \$100,000 budgeted in previous years and \$50,000 requested in FY2021.			
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 within the mid-range of historic costs (\$69,100 - \$93,500 / sq mi) for WMPs completed in urban watersheds.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 12 ongoing projects.		
Complementary Efforts:	High	Cooperator's Community Rating system class is 5 and is in the 5 or less range.		
Project Readiness:	High	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: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds		
Overall Ranking and Recommendation				
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	FY2021	Future	Total
District	\$100,000	\$50,000	\$0	\$150,000
Pinellas County	\$100,000	\$50,000	\$0	\$150,000
Total	\$200,000	\$100,000	\$0	\$300,000

Project No. Q090	Study - Belleair Brackish Feasibility and Testing			
Town of Belleair	FY2021			
Risk Level:	Type 2	Multi-Year Contract: Yes, 2 of 2		
Description				
Description:	A hydrogeologic investigation to determine the feasibility of developing a brackish groundwater wellfield and deep injection well in the Upper Floridan aquifer. The project includes the construction of three wells (exploratory deep injection well, and two monitor wells) and associated testing to characterize the proposed production zone.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of a report that produces hydrologic information on the Upper Floridan aquifer for the purpose of potential additional alternative water supply.			
Costs:	Total project cost \$1,763,350 Town of Belleair share \$881,675 District: \$881,675; with \$705,340 budgeted in previous years, \$176,335 requested in FY2021.			
Evaluation				
Application Quality:	High	Application included all the required information identified in the CFI guidelines.		
Project Benefit:	High	The benefit of this project is enhancement of groundwater resource data to improve groundwater models and management of the aquifer in the Northern Tampa Bay WUCA and to assest the potential for additional alternative water supply.		
Cost Effectiveness:	Medium	The study costs are slightly higher than test well construction and hydrologic data gathering activities in other District funded feasibility studies.		
Past Performance:	Low	Based upon an assessment of the schedule and budget for the 1 ongoing project.		
Complementary Efforts:	Medium	Cooperator per capita is between 101 and 150 gpcd which is a medium ranking.		
Project Readiness:	High	Project is new FY2020 project and is expected to start 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. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery Strategies.		
Overall Ranking and Recommendation				
Fund as 1A Priority.	Project is a groundwater study to evaluate brackish water as a potential alternative water source to meet the strategic initiative of developing AWS to sustain existing freshwater sources in the Northern Tampa Bay WUCA.			
Funding				
Funding Source	Prior	FY2021	Future	Total
Town of Belleair	\$705,340	\$176,335	\$0	\$881,675
District	\$705,340	\$176,335	\$0	\$881,675
Total	\$1,410,680	\$352,670	\$0	\$1,763,350

Project No. Q115	WMP - East Pasco WMP Update			
Pasco County	FY2021			
Risk Level:	Type 4	Multi-Year Contract: Yes, Year 2 of 2		
Description				
Description:	Complete a Watershed Management Plan (WMP) update for the East Pasco watershed in Pasco County, through and including Watershed Evaluation, Floodplain Analysis, Level of Service (LOS) Determination, and Best Management Practise (BMP) Alternative Analysis. FY2021 funding will be used to complete the floodplain analysis, LOS, and BMP Alternatives Analysis.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of an updated WMP that identifies floodplains, establishes LOS, and evaluates BMPs to address flooding concerns in the watershed.			
Costs:	Total project cost: \$800,000 Pasco County: \$400,000 District: \$400,000 with \$200,000 budgeted in previous years and \$200,000 requested in FY2021.			
Evaluation				
Application Quality:	High	Application included all the required information identified in the CFI Guidelines.		
Project Benefit:	High	Identification of flooding problems that exist in the watershed and solutions. Currently, flood analysis models are available and are from 5 to 10 years old, and the watershed includes regional or intermediate stormwater systems. The East Pasco watershed is one of the District's top 20 priority watersheds for WMP updates.		
Cost Effectiveness:	High	Project cost per square mile is in the low range of historic costs (less than \$25,000/sq mi) for WMP updates completed in mixed watersheds.		
Past Performance:	Medium	Based upon an assessment of the schedule and budget for the 18 ongoing projects.		
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. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds		
Overall Ranking and Recommendation				
Fund as 1A Priority.	This ongoing project updates flood risk in an area with existing flood analysis that is 5 to 10 years old. The resulting product will be utilized for flood zone determination, to help implement solutions that alleviate flood risk, and enhance the planning of future development in the project area. The East Pasco watershed is one of the District's top 20 priority watersheds for WMP updates.			
Funding				
Funding Source	Prior	FY2021	Future	Total
Pasco County	\$200,000	\$200,000	\$0	\$400,000
District	\$200,000	\$200,000	\$0	\$400,000
Total	\$400,000	\$400,000	\$0	\$800,000

Project No. Q116	WMP - Roosevelt Creek Watershed Management Plan			
Pinellas County	FY2021			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 2 of 3		
Description				
Description:	Complete a Watershed Management Plan (WMP) update for the Roosevelt watershed in Pinellas County, through and including Watershed Evaluation, Floodplain Analysis, Level of Service (LOS) Determination, Surface Water Resource Assessment (SWRA), and Best Management Practice (BMP) Alternative Analysis. FY2021 funding will be used to complete the Watershed Evaluation and begin the Floodplain Analysis.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of an updated WMP that identifies floodplains, establishes LOS, and evaluates BMPs to address flooding concerns in the watershed.			
Costs:	Total project cost: \$800,000 Pinellas County: \$400,000 District: \$400,000 with \$100,000 budgeted in previous years, \$150,000 requested in FY2021, and \$150,000 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 problems that exist in the watershed. Currently, flood analysis models are over 10 years old, and the watershed includes regional or intermediate stormwater systems. The Roosevelt Creek watershed is one of the District's top 20 priority watersheds for WMP updates.		
Cost Effectiveness:	High	Project cost per square mile is below the mid-range of historic costs (\$68,000 / sq mi or less) for WMPs completed in urban watersheds.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 12 ongoing projects.		
Complementary Efforts:	High	Cooperator's Community Rating system class is 5 and is in the 5 or less range.		
Project Readiness:	High	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: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds		
Overall Ranking and Recommendation				
Fund as 1A Priority.	This ongoing project updates flood risk in an area with existing flood analysis that is over 10 years old. 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. The Roosevelt Creek watershed is one of the District's top 20 priority watersheds for WMP updates.			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$100,000	\$150,000	\$150,000	\$400,000
Pinellas County	\$100,000	\$150,000	\$150,000	\$400,000
Total	\$200,000	\$300,000	\$300,000	\$800,000

Project No. Q130	Study – Nutrient Source Tracking			
Pinellas County	FY2021			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 2 of 3		
Description				
Description:	Review existing watershed data and conduct additional sampling to assess nutrient loading into the McKay Creek, Allen's Creek, and Curlew Creek watersheds using isotope analysis and development of a conceptual plan to reduce the nutrient sources.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of this study.			
Costs:	Total Project Cost: \$200,000 (Study) Pinellas County: \$100,000 District: \$100,000 with \$40,000 budgeted in previous years, \$45,000 requested in FY2021, and \$15,000 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 the identification of nutrient loading into the McKay Creek, Allen's Creek, and Curlew Creek watersheds. All three watersheds are impaired for nutrients and McKay Creek and Curlew Creek have nutrient TMDLs in place . Curlew Creek watershed drains into northern Clearwater Harbor, McKay Creek watershed drains to southern Clearwater Harbor, and Allen's Creek watershed drains to Old Tampa Bay, a SWIM Priority Waterbody.		
Cost Effectiveness:	High	The cost effectiveness for this study is comparable to past projects .		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 12 ongoing projects.		
Complementary Efforts:	High	Applicant has an active storm water utility that collects fees.		
Project Readiness:	High	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. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole.		
Overall Ranking and Recommendation				
Fund as 1A Priority.	The ongoing study is cost effective and will continue to assess nutrients discharging into Clearwater Harbor and Old Tampa Bay, a SWIM priority water body.			
Funding				
Funding Source	Prior	FY2021	Future	Total
Pinellas County	\$40,000	\$45,000	\$15,000	\$100,000
District	\$40,000	\$45,000	\$15,000	\$100,000
Total	\$80,000	\$90,000	\$30,000	\$200,000

Project No. N949	SW IMP – Flood Protection – Southeast Seminole Heights Flood Relief			
City of Tampa	FY2021			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 2 of 4		
Description				
Description:	Design, permitting, and construction of regional stormwater improvements to serve an area of approximately 780 acres of urban environment discharging into the Hillsborough River south of the Hillsborough River Dam in the Southeast Seminole Heights area of the City of Tampa . The City’s intent is to construct and implement several flood relief efforts in the watershed to alleviate frequent and dangerous flooding on critical evacuation routes and in residential neighborhoods. These flood relief efforts include upsizing existing pipes , installing higher capacity trunklines, and constructing new stormwater ponds for water quality and quantity purposes. Funding was approved in FY2019 for 30% design and third-party review. The District required a third-party review as this project has a conceptual construction estimate greater than \$5 million dollars. The FY2021 funding request is for completion of design and to begin construction.			
Measurable Benefit:	The contractual Measurable Benefit will be the design, permitting, and construction of drainage conveyance system BMPs to reduce flooding in approximately 780 acres of highly urbanized basin. Construction will be in accordance with permitted plans.			
Costs:	Total project cost: \$23,500,000 (design, third-party review, permitting and construction) City of Tampa: \$11,750,000 District: \$11,750,000 with \$500,000 approved in previous years, \$3,500,000 requested in FY2021, and \$7,750,000 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 this project, if constructed, will reduce the existing flooding problem during the 5 year, 8-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:	Medium	Benefit/Cost ratio is less than 1, but greater than or equal to 0.7. Benefits include avoided damages to structures and roads.		
Past Performance:	High	Based on an assessment of the schedule and budget for the 8 ongoing projects.		
Complementary Efforts:	High	Cooperator’s Community Rating System class is 5 and is in the 5 or less range.		
Project Readiness:	High	The 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. Strategic Initiative – Flood Protection Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve flood protection, and operate District flood control and conservation structures to minimize flood damage while preserving the water resource. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds		
Overall Ranking and Recommendation				
Fund as High Priority.	The City is anticipated to complete the 30% design and third party review by October 2020. Contractually, the City will need Governing Board approval to proceed beyond this task. Anticipating favorable information from the third-party review, and with the understanding that the Governing Board will need to provide approval to proceed, staff is recommending FY2021 funding for design and construction. If constructed, this project will provide flood protection for structures and streets during the 5 year, 8-hour storm event.			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$500,000	\$3,500,000	\$7,750,000	\$11,750,000
City of Tampa	\$500,000	\$3,500,000	\$7,750,000	\$11,750,000
Total	\$1,000,000	\$7,000,000	\$15,500,000	\$23,500,000

Project No. Q125	SW IMP – Water Quality – McIntosh Park Integrated Water Master Plan			
Plant City	FY2021			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 2 of 3		
Description				
Description:	Design, permitting and construction of 100 -150 acre treatment wetland at the McIntosh Park site and enhancements to the existing 45 acre wetland treatment system. The City's intent is to expand the capacity of the existing McIntosh Park wetland project to capture larger volumes of stormwater for additional water quality treatment and flood protection. The City also proposes to route 1.5 mgd of reclaimed water through the system to improve function of the treatment wetland. Funding was approved in FY20 for 30% design and third-party review. The District required a thrid-party review as this project has a conceptual construction estimate greater than \$5 million. The FY2021 funding request is to complete design and permitting.			
Measurable Benefit:	The contractual Measurable Benefit will be the design, permitting, and construction/restoration of at least 100 acres of treatment wetlands through the delivery of 1.5 mgd (ten year annual average) of reclaimed water.			
Costs:	Total project cost: \$9,353,700 (Design, third-party review, permitting, construction) Plant City share: \$4,676,850 District share: \$4,676,850 with \$337,175 budgeted in previous years, \$287,175 requested in FY2021, and \$4,052,500 anticipated to be requested in future years.			
Evaluation				
Application Quality:	Medium	Application included most of the required information in the CFI guidelines. District PM had to work with cooperator to obtain remaining required information.		
Project Benefit:	High	The Resource Benefit of the project, if constructed, is the reduction of pollutant loads to Blackwater Creek, the Hillsborough River, and Tampa Bay by an estimated 2,700 lbs/year of TN and 1,080 lbs/year of TP. There will be no monitoring or performance testing requirements.		
Cost Effectiveness:	High	The estimated cost/lb of TN removed is below the historical average of \$176/lb and the estimated cost/lb of TP removed is below the historical average \$1,498/lb.		
Past Performance:	High	Based upon an assessment of the schedule and budget for 1 ongoing project.		
Complementary Efforts:	Medium	Applicant currently maintains open spaces within its park system, has a land management plan, and has other complementary efforts. Plant City currently operates a stormwater maintenance program, has an active street sweeper program, pet waste ordinance, and other complementary water quality efforts.		
Project Readiness:	High	Project is a new FY20 project and is expected to start 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 High Priority.	The city is anticipated to complete the 30% design and third-party review by December of 2020. Contractually, the City will need Governing Board approval to proceed beyond this task. Anticipating favorable information from the third party review, and with the understanding that the Governing Board will need to provide approval to proceed, Staff is recommending FY2021 funding to complete design and permitting. If constructed, this project will create 100-150 acres of treatment wetlands and reduce nutrient loading discharged to the Hillsborough River watershed, part of the Tampa Bay watershed, a SWIM priority water body.			
Funding				
Funding Source	Prior	FY2021	Future	Total
Plant City	\$337,175	\$287,175	\$4,052,500	\$4,676,850
District	\$337,175	\$287,175	\$4,052,500	\$4,676,850
Total	\$674,350	\$574,350	\$8,105,000	\$9,353,700

Project No. Q140	Conservation – Tarpon Springs Toilet Rebate Phase 2			
Tarpon Springs	FY2021			
Risk Level:	Type 1	Multi-Year Contract: No		
Description				
Description:	Make available 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 make available rebates and program administration for the replacement of approximately 100 high flow toilets. In addition, approximately 100 do-it-yourself conservation kits will be distributed. These include educational materials, low-flow showerheads, and leak detection dye tablets. Also included are educational materials, program promotion, and surveys necessary to ensure the success of the program. Should actual costs be less than anticipated, the Cooperator may perform more installations/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: \$20,000 City of Tarpon Springs: \$10,000 District: \$10,000			
Evaluation				
Application Quality:	High	Application included all the required information identified in the CFI guidelines.		
Project Benefit:	High	The benefit of this project is an estimated 3,143 gallons per day saved in the Northern Tampa Bay Water Use Caution Area (NTBWUCA).		
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 3 ongoing projects.		
Complementary Efforts:	Medium	Cooperator per capita is between 75 and 125 gpcd.		
Project Readiness:	High	Project is ready to begin on or before December 1, 2020.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative - Conservation: Enhance efficiencies in all water-use sectors to ensure beneficial use. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery Strategies.		
Overall Ranking and Recommendation				
Fund as High Priority.	Project will conserve potable water in the NTBWUCA and is cost effective .			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$0	\$10,000	\$0	\$10,000
Tarpon Springs	\$0	\$10,000	\$0	\$10,000
Total	\$0	\$20,000	\$0	\$20,000

Project No. Q142	ASR – Pinellas County Chesnut Park ASR and Aquifer Recharge			
Pinellas County	FY2021			
Risk Level:	Type 3	Multi-Year Contract: No		
Description				
Description:	30% design, third-party review (TPR) and additional FY21 design and construction for this aquifer storage and recovery (ASR) and aquifer recharge (AR) project to divert excess surface water from Lake Tarpon to an existing ASR well and proposed AR facility to supplement the reclaimed water supply during dry periods, restore water level elevations in the NTBWUCA, and facilitate freshening of the aquifer. If constructed, this project would include design, permitting, construction, testing, and independent performance evaluation (IPE) of one recharge well, two monitoring wells, and surface facilities. District funding is for eligible FY21 design, including 30% design and TPR. The County will apply for future funding to complete design, permitting, construction, start-up, testing, and IPE.			
Measurable Benefit:	The contractual measurable benefit will be completion of 30% design of this proposed project to divert excess surface water from Lake Tarpon to an existing ASR well and a proposed AR facility .			
Costs:	Total project cost: \$1,787,000 (30% design, TPR, and additional FY21 design and construction) Pinellas County: \$893,500 District: \$893,500. The conceptual estimate for total project costs, including design, permitting, and construction, start-up, testing and IPE is \$9,200,000. It is anticipated that the County will request future funds to complete design, permitting, construction, start-up, testing and IPE.			
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 remaining information.		
Project Benefit:	High	If constructed, the project would diminish dry-weather reclaimed water shortages by increasing the reliability and resiliency of the North County Reclaimed Water System (NCRWS) through the use of ASR to store excess surface water from wet season to dry season with a minimum 5-year total recovery quantity of 300 MG. The project would also help restore water level elevations in the NTBWUCA and facilitate freshening of the aquifer through injection of excess surface water capable of achieving a 1 BG minimum recharge volume over a 5-year period. In addition, the project could provide a reduction of nutrients to Old Tampa Bay.		
Cost Effectiveness:	High	Costs are consistent with similarly funded District projects.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 12 ongoing projects.		
Complementary Efforts:	Medium	Pinellas County has a program in place that includes metering and an incentivized based reuse rate structure for high volume users.		
Project Readiness:	High	The project is ready to begin on or before December 1, 2020.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative - Reclaimed Water: Maximize beneficial use of reclaimed water to reduce demand on traditional water supplies. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery Strategies. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole.		
Overall Ranking and Recommendation				
Fund as High Priority.	Results from 30% design and TPR will provide the District with information to confirm resource benefits and cost effectiveness. Contractually, the County will need Governing Board approval to proceed beyond 30% design and TPR. The County may pursue potential future net benefit or impact offset potable water supply based on this project. If pursued, the County will be contractually required to comply with District cooperative funding guidelines, policies, procedures, and water use permitting rules. The project would provide for optimization of reclaimed water to reduce reliance on fresh groundwater withdrawals and assist in restoring and freshening groundwater in the NTBWUCA.			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$0	\$893,500	\$0	\$893,500
Pinellas County	\$0	\$893,500	\$0	\$893,500
Total	\$0	\$1,787,000	\$0	\$1,787,000

Project No. Q146	AWS – Tampa Bay Water Southern Hillsborough Co. Booster Pump Station			
Tampa Bay Water	FY2021			
Risk Level:	Type 2	Multi-Year Contract: Yes, Year 1 of 3		
Description				
Description:	Third party review, design, permitting and construction of a potable water booster pump station to increase delivery capacity to the Regional Delivery Point of Connection at the Lithia Water Treatment Plant by connecting into an existing 30" Brandon-South Central Transmission Main. The new booster pump station will increase the net gain in transmission line flow by approximately 5 – 7 MGD. District funding is for third party review as this project has a conceptual construction estimate greater than \$5 million dollars. The FY2021 funding request is to complete third party review and continue design if the Board approves the third party review.			
Measurable Benefit:	The contractual Measurable Benefit will be If constructed, the project will increase the available water supply by 5 – 7 MGD at the Lithia Point of Connection to support Tampa Bay Water's(TBW) regional water supplies goals in order to meet projected regional demands.			
Costs:	Total project cost: \$7,100,000 (third party review, design, permitting and construction) Tampa Bay Water: \$3,550,000; District: \$3,550,000 with \$500,000 requested in FY2021, and \$3,050,000 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 had to work with cooperator to obtain remaining required information.		
Project Benefit:	High	The benefit of this project, if constructed, will be the improved regional distribution of alternative water supplies to the counties of Pasco, Pinellas and Hillsborough. The project will increase the available water supply by 5 – 7 MGD at the Lithia Point of Connection to support Tampa Bay regional water supply demands .		
Cost Effectiveness:	High	The cost effectiveness is reasonable and consistent with previous cooperative funding average costs for similar projects.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 2 ongoing projects.		
Complementary Efforts:	High	Applicant provides wholesale drinking water to the counties of Hillsborough, Pasco and Pinellas and cities of New Port Richey, Tampa, and St. Petersburg.		
Project Readiness:	High	Project is ready to begin on or before December 1, 2020.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative - Regional Water Supply Planning: Identify, communicate and promote consensus on the strategies and resources necessary to meet future reasonable and beneficial water supply needs. Strategic Initiative - Alternative Water Supplies: Increase development of alternative sources of water to ensure groundwater and surface water sustainability.		
Overall Ranking and Recommendation				
Fund as High Priority.	The applicant is anticipated to complete 30% design by October 2020 and requesting funds for third party review and to continue design and construction. Contractually, TBW 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, Staff is recommending FY2021 funding for the third party review and the continuation of design. If constructed, the project will provide additional 5 – 7 MGD of alternative water supply to support Tampa Bay Regional water supply demands .			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$0	\$500,000	\$3,050,000	\$3,550,000
Tampa Bay Water	\$0	\$500,000	\$3,050,000	\$3,550,000
Total	\$0	\$1,000,000	\$6,100,000	\$7,100,000

Project No. Q149	WMP – Coastal Zone 5 Watershed Management Plan			
Pinellas County	FY2021			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 1 of 3		
Description				
Description:	Complete a Watershed Management Plan (WMP) for the Coastal Zone 5 Watershed in Pinellas County, through and including Watershed Evaluation, Floodplain Analysis, Level of Service (LOS) Determination, Surface Water Resource Assessment (SWRA), and Best Management Practice (BMP) Alternatives Analysis. FY2021 funding will be used to begin the Watershed Evaluation phase.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of a WMP that identifies floodplains, establishes LOS, performs SWRA, and evaluates BMPs to address flooding and water quality concerns in the watershed.			
Costs:	Total project cost: \$575,000 Pinellas County: \$287,500 District: \$287,500 with \$75,000 requested in FY2021 and \$212,500 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 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 medium range of historic costs (between \$69,000 and \$93,500/sq mi) for WMPs completed in urban watersheds. The higher cost for this urban watershed is justified due to the flooding in the watershed over the past few years and priority to have reasonable floodplain results incorporating modeling of the adjacent watershed studies in Pinellas County.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 12 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, 2020.		
Strategic Goals				
Strategic Goals:	High	<p>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.</p> <p>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.</p> <p>Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds</p>		
Overall Ranking and Recommendation				
Fund as High Priority.	This project identifies flood risk in an area that does not have a flood risk model. The resulting product will be utilized for flood zone determination, to help implement solutions that alleviate flood risk and improve water quality, and to enhance the planning of future development in the project area.			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$0	\$75,000	\$212,500	\$287,500
Pinellas County	\$0	\$75,000	\$212,500	\$287,500
Total	\$0	\$150,000	\$425,000	\$575,000

Project No. Q156	SW IMP – Flood Protection – Port Richey Northern Outfall Improvements			
Pasco County	FY2021			
Risk Level:	Type 2	Multi-Year Contract: No		
Description				
Description:	Construction of stormwater implementation Best Management Practices (BMPs) to increase the capacity of the existing outfall of the Port Richey Watershed from the vicinity of Ridge Road then north and west to the Gulf of Mexico to relieve structure and street flooding. Pasco County has completed the 30% design and will continue to move the design forward in order to begin and complete construction in FY2021.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of construction of the drainage conveyance system BMPs to reduce flooding in approximately 3,776 acres of highly urbanized basin. Construction will be in accordance with the permitted plans.			
Costs:	Total project cost: \$2,300,000 (construction) Pasco County: \$1,150,000 District: \$1,150,000 requested in FY2021.			
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 project will reduce the existing flooding problem during the 2.33 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:	Medium	Benefit/Cost ratio is less than 1, but greater than or equal to 0.7.		
Past Performance:	Medium	Based upon an assessment of the schedule and budget for the 18 ongoing projects.		
Complementary Efforts:	Medium	Cooperator's Community Rating System Class is 6 and is in the 6 to 9 range.		
Project Readiness:	High	Project is ready to begin on or before December 1, 2020.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative – Flood Protection Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve flood protection, and operate District flood control and conservation structures to minimize flood damage while preserving the water resource. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds		
Overall Ranking and Recommendation				
Fund as High Priority.	This project will reduce flooding in an area that has experienced multiple recent flood events. Pasco County is funding the design and permitting effort in order to begin and complete construction in FY2021.			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$0	\$1,150,000	\$0	\$1,150,000
Pasco County	\$0	\$1,150,000	\$0	\$1,150,000
Total	\$0	\$2,300,000	\$0	\$2,300,000

Project No. Q158	Reclaimed – Pasco Co. River Landing Reclaimed Water Transmission			
Pasco County	FY2021			
Risk Level:	Type 2	Multi-Year Contract: No		
Description				
Description:	This project is for the construction of approximately 14,950 feet of reclaimed water transmission mains and other necessary appurtenances to supply approximately 410 single-family homes, 416 multi-family homes and 15 acres in the Pasco County reclaimed water service area and to enable supply to future planned subdivisions.			
Measurable Benefit:	The contractual Measurable Benefit will be construction of a reclaimed water transmission main to supply of 465,000 gpd of reclaimed water for residential and common area irrigation for an anticipated 291,000 gpd of water savings within the Northern Tampa Bay Water Use Caution Area (NTBWUCA). Construction will be done in accordance with the permitted plans			
Costs:	Total Project Cost: \$3,386,600 (Construction) District \$1,693,300 of which \$1,639,300 is requested in FY2021. Pasco County Share: \$1,693,300			
Evaluation				
Application Quality:	High	Application included all the required information identified in the CFI Guidelines.		
Project Benefit:	High	The project benefit is the supply of 465,000 gpd of reclaimed water to residential irrigaton customers (single-family, multi-family and common area) for an anticipated 291,000 gpd of water savings within the NTBWUCA.		
Cost Effectiveness:	Medium	\$11.64 per gallon per day capital cost which is within the \$10 to \$15 per gallon average for alternative supplies. The estimated cost/benefit is \$2.81 per 1,000 gallons of water resource benefit which is within the cost range for reuse projects which typically range from a low of \$0.15 per 1,000 gallons for golf course projects and up to \$10.00 per 1,000 gallons for residential projects.		
Past Performance:	Medium	Based upon an assessment of the schedule and budget for the 18 ongoing projects.		
Complementary Efforts:	High	Pasco County's reclaimed water system includes metering and incentive based reuse rate structures for high volume water users and has pro-active reclaimed water expansion policies which maximize utilization, water resource benefits and environmental benefits.		
Project Readiness:	Medium	Project is expected to begin on or before March 1, 2021.		
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 - Reclaimed Water: Maximize beneficial use of reclaimed water to reduce demand on traditional water supplies. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery Strategies.		
Overall Ranking and Recommendation				
Fund as High Priority.	The project is recommended for funding as it reduces reliance on traditional supplies in the NTBWUCA, and is cost effective.			
Funding				
Funding Source	Prior	FY2021	Future	Total
Pasco County	\$0	\$1,693,300	\$0	\$1,693,300
District	\$0	\$1,693,300	\$0	\$1,693,300
Total	\$0	\$3,386,600	\$0	\$3,386,600

Project No. Q163	Study – Seminole Stormwater Master Plan Update and Infrastructure Assessment			
Seminole	FY2021			
Risk Level:	Type 4	Multi-Year Contract: Yes, Year 1 of 2		
Description				
Description:	Complete a Watershed Management Plan (WMP) for the City of Seminole in Pinellas County, through and including watershed evaluation including a full stormwater inventory, floodplain analysis, Level of Service determination (LOS), and Best Management Practices (BMPs) alternative analysis. FY2021 funding will be utilized to develop a comprehensive GIS based inventory of stormwater system and begin the Watershed Evaluation phase of the project.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of a WMP that identifies floodplains , establishes LOS, and evaluates BMPs to address flooding concerns in the City of Seminole Watershed.			
Costs:	Total project cost: \$500,000 City of Seminole: \$250,000 District: \$250,000 with \$125,000 requested in FY2021 and \$125,000 anticipated to be requested in future years.			
Evaluation				
Application Quality:	High	Application included all of the required informtion identified in the CFI guidelines.		
Project Benefit:	High	The WMP will analyze flooding problems that exist in the watershed . Currently, the flood analysis models are not available or over 10 years old, and the watershed includes regional or intermediate stormwater systems. The City watershed is one of the District's top 20 priority watersheds for WMP updates.		
Cost Effectiveness:	Medium	Project cost per square mile is in the medium range for costs (between \$66,001 and \$87,000/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:	Low	Cooperator does not participate in the Community Rating System.		
Project Readiness:	High	Project will be ready to begin on or before December 1, 2020.		
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. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole.		
Overall Ranking and Recommendation				
Fund as High Priority.	This project identifies flood risk in an area that does not have a flood risk model. 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 higher cost for this urban watershed is justified due to the lack of infrastructure information required to create the best floodplain data in this highly urbanized area.			
Funding				
Funding Source	Prior	FY2021	Future	Total
Seminole	\$0	\$125,000	\$125,000	\$250,000
District	\$0	\$125,000	\$125,000	\$250,000
Total	\$0	\$250,000	\$250,000	\$500,000

Project No. Q169	Study – Zephyr Creek Feasibility Study			
Pasco County	FY2021			
Risk Level:	Type 3	Multi-Year Contract: No		
Description				
Description:	Complete a feasibility study to identify solutions to flooding of roads and residential properties located along Zephyr Creek in Pasco County. The East Pasco Watershed Management Plan (WMP) model will be utilized to perform the analysis.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of a feasibility study identifying solutions to reduce flooding of roads and residential properties located along Zephyr Creek in the East Pasco Watershed.			
Costs:	Total project cost: \$150,000 Pasco County: \$75,000 District: \$75,000 requested in FY2021			
Evaluation				
Application Quality:	High	Application included all the required information identified in the CFI Guidelines.		
Project Benefit:	High	The project benefit is a feasibility study that will analyze flooding problems in the watershed. Currently, flood analysis models are available and are from 5 to 10 years old, and the watershed includes regional or intermediate stormwater systems.		
Cost Effectiveness:	High	Project cost is comparable to other prior projects with similar scopes.		
Past Performance:	Medium	Based upon an assessment of the schedule and budget for the 18 ongoing projects.		
Complementary Efforts:	Medium	Cooperator's Community Rating System class is 6 and is in the 6 to 9 range.		
Project Readiness:	Medium	Project is ready to begin on or before March 1, 2021.		
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. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds		
Overall Ranking and Recommendation				
Fund as High Priority.	The project will utilize an existing watershed model to complete a feasibility study to identify solutions to flooding of roads and residential properties located along Zephyr Creek. This area experienced flooding and damage to homes in recent years and is identified as a level of service deficiency in the East Pasco WMP.			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$0	\$75,000	\$0	\$75,000
Pasco County	\$0	\$75,000	\$0	\$75,000
Total	\$0	\$150,000	\$0	\$150,000

Project No. Q189	Study – Tammy Lane/Timber Lake Estates Feasibility Study			
Pasco County	FY2021			
Risk Level:	Type 3	Multi-Year Contract: No		
Description				
Description:	Complete a feasibility study to identify solutions to flooding of roads and residential properties located in the Tammy Lane and Timber Lake Estates regional area . This area has experienced flooding and damage to homes and is identified as a level of service deficiency in the New River Watershed Management Plan (WMP). The project combines elements of a model update, cost benefit analysis with focus on mobile homes, and a feasibility study with quantifiable benefits.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of a feasibility study identifying and quantifying solutions to reduce flooding of roads and residential properties located in the Tammy Lane and Timber Lake Estates developments.			
Costs:	Total project cost: \$150,000 Pasco County: \$75,000 District: \$75,000 requested in FY2021.			
Evaluation				
Application Quality:	High	Application included all the required information identified in the CFI Guidelines.		
Project Benefit:	High	The project benefit is a feasibility study that will analyze flooding problems in the watershed. Currently, flood analysis models are available and are from 5 to 10 years old, and the watershed includes regional or intermediate stormwater systems.		
Cost Effectiveness:	High	Project cost is comparable to other prior projects with similar scopes.		
Past Performance:	Medium	Based upon an assessment of the schedule and budget for the 18 ongoing projects.		
Complementary Efforts:	Medium	Cooperator's Community Rating System class is 6 and is in the 6 to 9 range.		
Project Readiness:	High	Project is ready to begin on or before December 1, 2020.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative – Flood Protection Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve flood protection, and operate District flood control and conservation structures to minimize flood damage while preserving the water resource. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds		
Overall Ranking and Recommendation				
Fund as High Priority.	This project is to complete a feasibility study to evaluate solutions to reduce flooding, improve water quality, and enhance natural systems in the Tammy Lane and Timber Lake Estates areas of the New River watershed.			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$0	\$75,000	\$0	\$75,000
Pinellas County	\$0	\$75,000	\$0	\$75,000
Total	\$0	\$150,000	\$0	\$150,000

Project No. Q190	SW IMP – Flood Protection – Lower Peninsula Stormwater Improvements - Southeast			
City of Tampa	Region			FY2021
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 1 of 3		
Description				
Description:	Third party review of the City's 30% design package of regional stormwater improvements to serve an area of approximately 5,508 acres on the Lower Peninsula of the City of Tampa. The project consists of two stormwater conveyance lines south to the MacDill 48 ELAPP property, which will serve as flood storage, then a single conveyance line east to an outfall in Tampa Bay. District funding is for the third party review as this project has a conceptual construction estimate greater than \$5 million dollars. The City is expected to complete the 30% design with their design-build team prior to October 1, 2020. The FY2021 funding request is to complete the third party review only 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 providing 30% design package of the proposed project to construct drainage conveyance system BMP's to reduce flooding in approximately 5,508 acres of a highly urbanized basin.			
Costs:	Total project cost: \$70,000 (third party review) City of Tampa: \$35,000 District: \$35,000; The conceptual estimate to complete design, permitting and construction is \$25,000,000. It is anticipated that the City of Tampa will request funding to complete design, permitting, and construction 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 this project, if constructed, will reduce the existing flooding problem during the 5-year, 8-hour storm event. Structure and street flooding occurs in the project area and the project impacts the regional or intermediate drainage system. Ancillary water quality benefits were demonstrated along with the flood protection benefits.		
Cost Effectiveness:	Medium	Benefit/Cost ratio is less than 1, but greater than or equal to 0.7.		
Past Performance:	High	Based on an assessment of the schedule and budget for 8 ongoing projects.		
Complementary Efforts:	High	Cooperator's Community Rating System class is 5 and is in the 5 or less range.		
Project Readiness:	High	Project is read to begin on or before December 1, 2020.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative – Flood Protection Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve flood protection, and operate District flood control and conservation structures to minimize flood damage while preserving the water resource. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds		
Overall Ranking and Recommendation				
Fund as High Priority.	The City is requesting funds to complete the third party review only of a 30% design that they will have completed without assistance the previous year. The results from the third party review will provide the District with better information to confirm the resource benefits and cost effectiveness of constructing this project. If constructed, the project will provide flood protection for structures and streets during the 5-year, 8-hour event.			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$0	\$35,000	\$0	\$35,000
City of Tampa	\$0	\$35,000	\$0	\$35,000
Total	\$0	\$70,000	\$0	\$70,000

Project No. Q210	SW IMP – Flood Protection – Griffin Park Flood Abatement Project			
Pasco County	FY2021			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 1 of 2		
Description				
Description:	Design, permitting, and construction of a pond and conveyance system to divert water from the Griffin Park neighborhood south to Bear Creek. The project was selected based on repetitive flooding in recent years and the floodplain information from the Pithlachascotee / Bear Creek WMP. FY2021 funds will be used to begin design.			
Measurable Benefit:	The contractual Measurable Benefit will be the construction of a pond and stormwater conveyance system in the area of Griffin Park. Construction will be in accordance with permitted plans.			
Costs:	Total project costs: \$1,800,000 (design, permitting, and construction) Pasco County: \$900,000 District: \$900,000 with \$195,000 requested in FY2021 and \$705,000 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 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:	Medium	Based upon an assessment of the schedule and budget for the 18 ongoing projects.		
Complementary Efforts:	Medium	Cooperator's Community Rating System class is 6 and is in the 6 to 9 range.		
Project Readiness:	Medium	Project is ready to begin on or before March 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. Strategic Initiative - Floodplain Management: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds		
Overall Ranking and Recommendation				
Fund as High Priority.	This project consists of the construction of conveyance systems to divert stormwater from streets and homes in the Griffin Park neighborhood into a new pond and then to the Bear Creek system. It will provide flood protection for the 100 year, 24-hour event in an area that experiences structure and street flooding, and is cost effective.			
Funding				
Funding Source	Prior	FY2021	Future	Total
Pasco County	\$0	\$195,000	\$705,000	\$900,000
District	\$0	\$195,000	\$705,000	\$900,000
Total	\$0	\$390,000	\$1,410,000	\$1,800,000

Project No. Q213	Hillsborough County SCADA System			
Hillsborough County	FY2021			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 1 of 2		
Description				
Description:	Implementation of real-time water level monitoring systems throughout Hillsborough County, based on the previously funded feasibility study Q001. The current density of real-time gauges throughout the County does not provide suitable flood information that the County requires. The information gained from this connected monitoring system will be used to help make critical decisions in preparation for storm events. FY2021 funding will be used to initiate construction of real-time monitoring systems in Hillsborough County.			
Measurable Benefit:	The contractual Measurable Benefit will be the installation of approximately 250 real-time monitoring systems at existing and newly constructed water level gauge stations.			
Costs:	Total project cost: \$1,800,000 (Implementation of SCADA monitoring system) Hillsborough County: \$900,000 District: \$900,000 with \$200,000 requested in FY2021 and \$700,000 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 related to the implementation of real-time water level monitoring stations for lakes and streams within Hillsborough County. The monitoring system will enhance emergency operations in preparation for storm events.		
Cost Effectiveness:	High	Project cost is comparable to other prior projects with similar scopes.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 23 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, 2020.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative - Emergency Flood Response: Operate District flood control and water conservation structures, providing effective and efficient assistance to state and local governments and the public to minimize flood damage during and after major storm events. Strategic Initiative – Flood Protection Maintenance and Improvement: Develop and implement programs, projects and regulations to maintain and improve flood protection, and operate District flood control and conservation structures to minimize flood damage while preserving the water resource. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds		
Overall Ranking and Recommendation				
Fund as High Priority.	The construction of additional real-time monitoring of water level gauges throughout Hillsborough County will allow for the support of a flood information system, forecasts for public information and emergency management. Real-time water levels will allow County staff to proactively manage stormwater. Historical data collection and storage with an improved gauge density will also be used to improve calibration efforts for existing watershed models.			
Funding				
Funding Source	Prior	FY2021	Future	Total
Hillsborough County	\$0	\$200,000	\$700,000	\$900,000
District	\$0	\$200,000	\$700,000	\$900,000
Total	\$0	\$400,000	\$1,400,000	\$1,800,000

Project No. Q215	Tampa Bay Water Demand Management Program Phase 2			
Tampa Bay Water	FY2021			
Risk Level:	Type 1	Multi-Year Contract: No		
Description				
Description:	Financial incentives and services to customers for up to ten conservation activities, including: single family high-efficiency toilets; multi-family high-efficiency toilets; commercial industrial institutional (CII) high-efficiency valve type toilets; CII tank type toilets; 0.5 gallon per flush urinals; pre-rinse spray valves; commercial conveyor type energy star dishwashers; cooling tower optimization equipment; soil moisture sensor and evapotranspiration (ET) irrigation controllers; and landscape efficiency incentives. Also included is program promotion and administrative costs to ensure the success of the program. Tampa Bay Water (TBW) member governments are collaborating with TBW to implement and oversee the project.			
Measurable Benefit:	The contractual Measurable Benefit will be the implementation of the program and the completion of a final report.			
Costs:	Total project costs: \$2,864,476 Tampa Bay Water: \$1,432,238 District: \$1,432,238			
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 680,000 to 930,000 gallons per day in the Southern Water Use Caution Area (SWUCA) and Northern Tampa Bay Water Use Caution Area (NTBWUCA). Savings will vary based on the participation rate across the ten possible conservation activities.		
Cost Effectiveness:	High	Project cost effectiveness is below \$3.00 per thousand gallons saved.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 2 ongoing projects.		
Complementary Efforts:	High	TBW encourages, tracks, and provides planning and coordination for water conservation amongst its member governments.		
Project Readiness:	High	Project is ready to begin on or before December 1, 2020.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative - Conservation: Enhance efficiencies in all water-use sectors to ensure beneficial use. Tampa Bay Region Priority: Implement Minimum Flow and Level (MFL) Recovery Strategies. 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 NTBWUCA and is cost effective .			
Funding				
Funding Source	Prior	FY2021	Future	Total
Tampa Bay Water	\$0	\$1,432,238	\$0	\$1,432,238
District	\$0	\$1,432,238	\$0	\$1,432,238
Total	\$0	\$2,864,476	\$0	\$2,864,476

Project No. W024	FY2021 Tampa Bay Environmental Restoration Fund			
TBEP	FY2021			
Risk Level:	Type 3	Multi-Year Contract: No		
Description				
Description:	The Tampa Bay Environmental Restoration Fund (TBERF) was established to fund restoration, research and education initiatives in Tampa Bay . The Tampa Bay Estuary Program (TBEP) manages the fund and secures local funding to leverage with funds obtained nationally by the Restore America's Estuaries (RAE) through environmental fines and philanthropic gifts.			
Measurable Benefit:	The contractual Measurable Benefit will be that the project will fund numerous water quality improvement and habitat restoration projects throughout the Tampa Bay watershed .			
Costs:	Total Project Cost: \$700,000 TBEP: \$350,000 District: \$350,000 (District share includes a 10% administrative fee for each grant managed by the TBEP)			
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 water quality improvement and natural systems restoration in Tampa Bay, a SWIM priority water body.		
Cost Effectiveness:	High	District funds will be leveraged with other local, federal, private, and penalty funds.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 8 ongoing project.		
Complementary Efforts:	High	Applicant funds projects that are complementary to preserve natural systems and improve water quality.		
Project Readiness:	High	Project is ready to begin on or before December 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: Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole.		
Overall Ranking and Recommendation				
Fund as High Priority.	Due to the leveraging of local, federal, private, and penalty funds, this project is a very cost effective means to implement water quality and habitat restoration projects for Tampa Bay , a SWIM priority water body. The District has provided funding for the TBERF since FY2013. For FY2013 - FY2019 the TBERF funded 65 projects at a total grant amount of \$5.6 million. Nine District projects have been funded at a grant amount of \$1.45 million.			
Funding				
Funding Source	Prior	FY2021	Future	Total
TBEP	\$0	\$350,000	\$0	\$350,000
District	\$0	\$350,000	\$0	\$350,000
Total	\$0	\$700,000	\$0	\$700,000

Project No. W211	Restoration – Weedon Island Tidal Marsh			
Pinellas County	FY2021			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 1 of 2		
Description				
Description:	Design, permitting, and construction of a natural system restoration project which includes hydrologic restoration through elimination of stagnant ditches, dredging of existing ditches to improve circulation, and restoration of diurnal sheet flow by removing spoil mounds in the Weedon Island Preserve. This project is within the Tampa Bay watershed, a SWIM priority water body.			
Measurable Benefit:	The contractual Measurable Benefit of this project is the hydrologic restoration of 42 acres of mangrove forest and estuarine wetland habitat within the Weedon Island Preserve .			
Costs:	Total Project Cost: \$937,800 (Design, permitting, and construction) Pinellas County: \$468,900 District: \$468,900 with \$56,268 requested in FY21 and \$412,632 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 restoration of 42 acres of mangrove forest and estuarine wetland habitat within the Tampa Bay watershed, a SWIM priority water body.		
Cost Effectiveness:	High	The estimated cost/acre restored is less than \$53,326/acre restored for combined elements.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 12 ongoing projects.		
Complementary Efforts:	High	Applicant has an exotic removal/treatment program, a Land Management Plan for the the property, maintains "nature parks" or "open space" within its park system, and has other complementary efforts that preserve or restore natural systems .		
Project Readiness:	Medium	Project is ready to begin on or before March 1, 2021.		
Strategic Goals				
Strategic Goals:	High	Strategic Initiative - Conservation and Restoration: Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources. 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 restore 42 acres of natural systems within the Tampa Bay watershed, a SWIM priority water body.			
Funding				
Funding Source	Prior	FY2021	Future	Total
Pinellas County	\$0	\$56,268	\$412,632	\$468,900
District	\$0	\$56,268	\$412,632	\$468,900
Total	\$0	\$112,536	\$825,264	\$937,800

Project No. W220	SW IMP – Water Quality – Town of Redington Beach Stormwater Retrofits			
Redington Beach	FY2021			
Risk Level:	Type 3	Multi-Year Contract: No		
Description				
Description:	Design, permitting, and construction of stormwater retrofits in the City of Redington Beach to improve water quality discharging to Boca Ciega Bay within the Tampa Bay watershed , a SWIM priority water body.			
Measurable Benefit:	The contractual Measurable Benefit will be the design, permitting, and construction of LID BMPs to treat approximately 5.15 acres of highly urbanized stormwater runoff. Construction will be done in accordance with the permitted plans. Project also includes ancillary flood protection benefits. There will be no monitoring or performance testing requirements.			
Costs:	Total project cost: \$150,000 (Design, permitting, construction) City of Redington Beach: \$75,000 District: \$75,000			
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:	Medium	The Resource Benefit of the project is the reduction of pollutant loads to Tampa Bay , a SWIM priority water body, by an estimated 67 lbs/yr TN and 11 lbs/yr TP. This project will also have ancillary flood protection benefits.		
Cost Effectiveness:	High	The estimated cost/lb of TN removed is below the historical average of \$176/lb. The estimated cost/lb of TP removed is below the historical average of \$1498/lb.		
Past Performance:	High	Based on the cooperator having no ongoing projects with the District they are ranked high.		
Complementary Efforts:	High	Applicant has an active stormwater utility that collects fees.		
Project Readiness:	Medium	Project is ready to begin on or before March 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. 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 improves water quality discharging to Tampa Bay , a SWIM priority water body. This project will also have ancillary flood protection benefits.			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$0	\$75,000	\$0	\$75,000
Redington Beach	\$0	\$75,000	\$0	\$75,000
Total	\$0	\$150,000	\$0	\$150,000

Project No. Q132	WMP – Countywide Floodway Update and Re-delineation			
Hillsborough County	FY2021			
Risk Level:	Type 3	Multi-Year Contract: No		
Description				
Description:	Completion of re-delineation of existing FEMA designated floodways within Hillsborough County . The project will utilize recently completed Watershed Management Plans and the latest topographic information collected through the cooperatively funded project Hillsborough County LiDAR (N767). The new floodway delineation will be provided to FEMA for future map revisions . It will also serve as the best available information for District Regulation and County Land Development to make sound regulatory decisions.			
Measurable Benefit:	The contractual Measurable Benefit will be completion of re-delineation of floodways within Hillsborough County.			
Costs:	Total project cost: \$1,000,000 Hillsborough County: \$500,000 District: \$500,000 requested in FY2021			
Evaluation				
Application Quality:	High	Application included all the required information identified in the CFI Guidelines.		
Project Benefit:	Medium	The project will re-delineate floodways within Hillsborough County. Currently, the floodways are over 10 years old and include regional or intermediate stormwater systems.		
Cost Effectiveness:	Medium	Project cost appears to be reasonable compared to similar past projects.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 23 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, 2020.		
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. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds		
Overall Ranking and Recommendation				
Fund as Medium Priority.	Project will provide updated floodway delineation within Hillsborough County. The information will be provided to FEMA for future map revisions and used for District Regulation and County Land Development to make sound regulatory decisions.			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$0	\$500,000	\$0	\$500,000
Hillsborough County	\$0	\$500,000	\$0	\$500,000
Total	\$0	\$1,000,000	\$0	\$1,000,000

Project No. Q171	Study – McKay Creek Model Update, Alternatives Analysis and Feasibility Study			
Pinellas County	FY2021			
Risk Level:	Type 3	Multi-Year Contract: Yes, 1 of 2		
Description				
Description:	Develop a Preliminary Engineering Report (PER) that evaluates proposed BMPs in the McKay Creek watershed in Pinellas County. These projects were identified as recommendations in the prior McKay Creek BMP Alternatives Analysis (N373) and other studies. The project will provide more detail and refine water quality and flood protection benefits, project costs, property rights/acquisition needs, and permitting/mitigation requirements for proposed BMPs.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of the study and a PER that evaluates alternatives to reduce flooding and improve water quality within the McKay Creek watershed.			
Costs:	Total project cost: \$520,000 Pinellas County: \$260,000 District: \$260,000 with \$130,000 requested in FY2021 and \$130,000 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 project benefit is a study that will evaluate stormwater improvement alternatives for flood protection and water quality improvement. Currently, flood analysis models are available and are from 5 to 10 years old, and the watershed includes regional or intermediate stormwater systems.		
Cost Effectiveness:	Medium	Project cost per square mile is greater than historic costs for model updates with an alternative analyses. Costs are comparable to other feasibility studies. Project combines elements of each of these project types.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 12 ongoing projects.		
Complementary Efforts:	High	Cooperator's Community Rating system class is 5 and is in the 5 or less range.		
Project Readiness:	High	Project is ready to begin on or before December 1, 2020.		
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: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds		
Overall Ranking and Recommendation				
Fund as Medium Priority.	The project will complete a study to evaluate and further define solutions to reduce flooding and improve water quality in the McKay Creek Watershed. It uses an existing watershed model and recommendations from the McKay Creek WMP (N373) Alternatives Analysis as well as other studies. The project combines elements of an alternatives analysis and a feasibility study; costs are comparable to typical feasibility studies.			
Funding				
Funding Source	Prior	FY2021	Future	Total
Pinellas County	\$0	\$130,000	\$130,000	\$260,000
District	\$0	\$130,000	\$130,000	\$260,000
Total	\$0	\$260,000	\$260,000	\$520,000

Project No. Q175	Study – Bluff Restoration and Erosion Abatement			
Town of Belleair	FY2021			
Risk Level:	Type 3	Multi-Year Contract: No		
Description				
Description:	This feasibility study will investigate the erosion of the bluff shoreline along Bayview Drive due to wave activity and groundwater discharge and develop options to address these issues maximizing natural system restoration opportunities and improving water quality through nutrient reduction BMPs. This study will result in a conceptual project plan, including quantified benefits and conceptual costs.			
Measurable Benefit:	The contractual Measurable Benefit is the completion of the study and conceptual project plan.			
Costs:	Total Project Cost: \$270,000 (Study) Town of Belleair: \$135,000 District: \$135,000			
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 remaining required information.		
Project Benefit:	Medium	The Resource Benefit of the project is the conceptual project plan that will address and alleviate erosion of the bluff shoreline due to wave activity and groundwater discharge. The Study will identify options that maximize natural system restoration opportunities and improve water quality through nutrient reduction BMPs.		
Cost Effectiveness:	Medium	The cost effectiveness is slightly higher than comparable past projects .		
Past Performance:	Low	Based upon an assessment of the schedule and budget for the 1 ongoing project.		
Complementary Efforts:	High	Applicant has an active stormwater utility that collects fees.		
Project Readiness:	High	The project is ready to begin on or before December 1, 2020.		
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 Medium Priority.	This study will develop a conceptual plan for erosion abatement for the Bayview Drive bluff shoreline. The study will develop options to address these issues maximizing natural system restoration opportunities and improving water quality through nutrient reduction BMPs and will include quantified benefits and conceptual costs.			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$0	\$135,000	\$0	\$135,000
Town of Belleair	\$0	\$135,000	\$0	\$135,000
Total	\$0	\$270,000	\$0	\$270,000

Project No. Q196	Study – Joe's Creek Model Update, Alternatives Analysis and Feasibility Study			
Pinellas County	FY2021			
Risk Level:	Type 3	Multi-Year Contract: Yes, 1 of 2		
Description				
Description:	Develop a Preliminary Engineering Report (PER) that evaluates proposed BMPs in the Joe's Creek watershed in Pinellas County. The projects were identified in the prior Joe's Creek Watershed Improvement Plan BMP Alternatives Analysis (N516). Study will refine the model, provide more detail for water quality, natural systems and flood protection benefits, project costs, property rights/acquisition needs, and permitting/mitigation requirements for proposed BMPs.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of the study and a Preliminary Engineering Report to evaluate alternatives to reduce flooding, improve water quality and enhance natural systems within the Joe's Creek watershed.			
Costs:	Total project cost: \$720,000 Pinellas County: \$360,000 District: \$360,000 with \$180,000 requested in FY2021 and \$180,000 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 project benefit is a study that will evaluate stormwater improvement alternatives for flood protection and water quality improvement. Currently, flood analysis models are available, are less than 5 years old, and the watershed includes regional or intermediate stormwater systems.		
Cost Effectiveness:	Medium	Project cost per square mile is greater than historic costs for model updates with an alternative analyses. Costs are comparable to other feasibility studies. Project combines elements of both project types.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 12 ongoing projects.		
Complementary Efforts:	High	Cooperator's Community Rating system class is 5 and is in the 5 or less range.		
Project Readiness:	High	Project is ready to begin on or before December 1, 2020.		
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: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds		
Overall Ranking and Recommendation				
Fund as Medium Priority.	The project will complete a study to evaluate and further define solutions to reduce flooding, improve water quality and enhance natural systems in the Joe's Creek Watershed. It uses an existing watershed model and recommendations from the Joe's Creek BMP Alternatives Analysis. The project combines elements of a model update, alternatives analysis and a feasibility study.			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$0	\$180,000	\$180,000	\$360,000
Pinellas County	\$0	\$180,000	\$180,000	\$360,000
Total	\$0	\$360,000	\$360,000	\$720,000

Project No. Q199	WMP – Starkey Road WMP Update			
Pinellas County	FY2021			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 1 of 3		
Description				
Description:	Complete a comprehensive update to the Starkey Road Watershed Management Plan (WMP) in Pinellas County, through and including Watershed Evaluation, Floodplain Analysis, Level of Service (LOS) Determination, Surface Water Resource Assessment (SWRA), and Best Management Practice (BMP) Alternatives Analysis. The study will result in recommendations for drainage, water quality and natural systems improvement projects. FY2021 funding will be used to begin the Watershed Evaluation phase.			
Measurable Benefit:	The contractual Measurable Benefit will be the completion of an updated WMP that identifies floodplains, establishes LOS, performs SWRA, and evaluates BMPs to address flooding concerns, and improve water quality and enhance natural systems in the watershed.			
Costs:	Total project cost: \$500,000 Pinellas County: \$250,000 District: \$250,000 with \$75,000 requested in FY2021 and \$175,000 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 and are from 5 to 10 years old, and the watershed includes regional or intermediate stormwater systems.		
Cost Effectiveness:	Low	Project cost per square mile is in the high-range of historic costs (greater than \$40,000/sq. mi.) for WMP updates completed in urban watersheds. This is a heavily urbanized watershed and will require a high level of effort during the watershed evaluation and floodplain analysis phases of the project. This study will also include water quality and natural systems components.		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 12 ongoing projects.		
Complementary Efforts:	High	Cooperator's Community Rating System class is 5 and is in the 5 or less range.		
Project Readiness:	Medium	Project is ready to begin on or before March 1, 2021.		
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: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives. Tampa Bay Region Priority: Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole. Tampa Bay Region Priority: Flood Protection: Improve flood protection in Lake Tarpon, the Pithlachascotee, Anclote and Hillsborough Rivers and Pinellas County coastal watersheds		
Overall Ranking and Recommendation				
Fund as Medium Priority.	The project will complete a study to evaluate and further define solutions to reduce flooding and improve water quality in the Starkey Road Watershed. It combines elements of a model update and alternatives analysis. In addition to Flood Protection this update will also include Water Quality and Natural Systems components.			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$0	\$75,000	\$175,000	\$250,000
Pinellas County	\$0	\$75,000	\$175,000	\$250,000
Total	\$0	\$150,000	\$350,000	\$500,000

Project No. W299	SW IMP – Water Quality – Ibis Stormwater Pond Retrofit			
Pinellas County	FY2021			
Risk Level:	Type 2	Multi-Year Contract: No		
Description				
Description:	Construction of stormwater BMP's to improve water quality discharging into the Tampa Bay watershed, a SWIM priority water body.			
Measurable Benefit:	The contractual Measureable Benefit will be the construction of BMPs to treat stromwater runoff from approximately 12.8 acres of residential urban watershed. Construction will be done in accordance with permitted plans. There will be no monitoring or performance testing requirements.			
Costs:	Total Project Cost: \$290,000 (Construction) Pinellas County: \$145,000 District: \$145,000			
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 remaining required information.		
Project Benefit:	Medium	The Resource Benefit of the project is the reduction of pollutant loads to Tampa Bay , a SWIM priority water body, by an estimated 30.9 lbs/year of TN.		
Cost Effectiveness:	Medium	The estimated cost/lb of TN removed is between the historical average of \$176/lb TN and \$475/lb TN.		
Past Performance:	High	Based on an assessment of the schedule and budget for the 12 ongoing projects.		
Complementary Efforts:	High	Applicant has an active stormwater utility that collects fees.		
Project Readiness:	High	This project is scheduled to begin on or before December 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 Medium Priority.	This project is cost effective, but it has a marginal nutrient reduction benefit. This project will reduce nutrients entering Tampa Bay, a SWIM priority water body.			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$0	\$145,000	\$0	\$145,000
Pinellas County	\$0	\$145,000	\$0	\$145,000
Total	\$0	\$290,000	\$0	\$290,000

Project No. N901	SW IMP – Flood Protection – Port Richey Alternative Outfall			
Pasco County	FY2021			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 4 of 5		
Description				
Description:	Land acquisition, design, permitting, and construction of an alternative outfall for the Port Richey Slough system. Currently, stormwater flows from the Magnolia Valley area through a slough system which eventually discharges north under Ridge Road and then west under 19 to the Gulf of Mexico. Flooding is experienced as the wetland slough area narrows into a channel. This project will provide an alternative outfall that connects the slough system to an existing outfall to the Gulf, just south of Ridge Road. Funding was approved in FY2018 for 30% design and third-party review. The District required a third-party review because this project has complex design and land acquisition elements. The FY2021 funding request is for design, permitting, and construction.			
Measurable Benefit:	The contractual Measurable Benefit will be for the design, permitting and construction of an alternative outfall for the Port Richey Slough. Construction will be done in accordance with the permitted plans.			
Costs:	Total project cost: \$3,250,000 (land acquisition, design, third-party review, permitting, construction) Pasco County: \$1,625,000 (Includes \$100,000 of land acquisition costs as funding match) District: \$1,625,000 with \$625,000 budgeted in previous years, \$750,000 requested in FY2021, and \$250,000 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:	Medium	The Resource Benefit of this project will reduce the existing flooding problem during the 100 year, 24-hour storm event. 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:	Low	Benefit/cost ratio is less than 0.7. Benefits include avoided damages to roads.		
Past Performance:	Medium	Based upon an assessment of the schedule and budget for the 18 ongoing projects.		
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:	-			
Overall Ranking and Recommendation				
Low Priority, not recommended for funding.	The County is working on 30% design and third party review which is scheduled for June of 2020. Contractually, the County will need Governing Board approval to proceed beyond this task. Staff is not recommending FY2021 funding for completion of design, permitting, and construction due to the recently received Cost Benefit Analysis which shows the former benefits of this project being realized in other projects.			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$625,000	\$750,000	\$250,000	\$1,625,000
Pasco County	\$625,000	\$750,000	\$250,000	\$1,625,000
Total	\$1,250,000	\$1,500,000	\$500,000	\$3,250,000

Project No. Q147	SW IMP – Water Quality – Area 3 and Area 5 Stormwater BMPs			
Madeira Beach	FY2021			
Risk Level:	Type 3	Multi-Year Contract: Yes, 1 of 3		
Description				
Description:	Design, permitting and construction of stormwater retrofits to up-size pipes and add additional inlets in Madeira Beach Areas 3 and 5 and replacement of impervious pavement to improve water quality discharging to Boca Ciega Bay within the Tampa Bay watershed, a SWIM Priority water body. This project has a conceptual construction estimate greater than \$5 million dollars. If funded, the project will require a third-party-review (TPR) at 30% design to provide the necessary information to support funding to complete design, permitting and construction. Contractually, the applicant will need Governing Board approval to proceed beyond this task.			
Measurable Benefit:	The contractual Measurable Benefit will be the design, permitting, and construction of BMPs to treat approximately 28 acres of highly urbanized stormwater runoff. Construction will be done in accordance with permitted plans. There will be no monitoring or performance testing requirements.			
Costs:	Total Project Costs: \$5,870,000 (Design, permitting, construction) City of Madiera Beach: \$2,935,000 District: \$2,935,000, with \$1,030,000 requested in FY2021 and \$1,905,000 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 had to work with cooperator to obtain remaining required information.		
Project Benefit:	Medium	The Resource Benefit of the project is the reduction of pollutant loads to Tampa Bay a SWIM Priority Waterbody, by an estimated 111 lbs/yr TN and 15 lbs/yr TP.		
Cost Effectiveness:	Low	The estimated cost per pound is significantly above the historical average of \$475/lb TN (\$2,644) and significantly above the historical average of \$4,152/lb TP (\$19,566).		
Past Performance:	High	Based upon an assessment of the schedule and budget for the 1 ongoing project.		
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, 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				
Low Priority, not recommended for funding.	This project is not cost effective for water quality or when assessed for flood protection .			
Funding				
Funding Source	Prior	FY2021	Future	Total
District	\$0	\$1,030,000	\$1,905,000	\$2,935,000
Madeira Beach	\$0	\$1,030,000	\$1,905,000	\$2,935,000
Total	\$0	\$2,060,000	\$3,810,000	\$5,870,000

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