

**Heartland Region  
FY2022 Cooperative Funding Initiative  
Final Evaluations and Rankings**

**Southwest Florida Water Management District**

**FY2022 Proposed Cooperative Funding Initiative Projects**

**March 18, 2021**

Page	Project Number	Cooperator	Project Name	Rank	District Prior Funding	FY2022 Proposed District Funding	District Future Funding
<b><u>Projects Ranked 1A Priority</u></b>							
4	Q067	Polk County	Reclaimed – Polk County NERUSA Southeast Reuse Loop Project	1A	\$2,076,750	\$110,000	0
5	Q176	Winter Haven	WMP – Winter Haven/Upper Peace Creek Watershed Optimization Model	1A	\$225,000	\$150,000	0
6	Q181	FDEP	WMP – Highlands Hammock State Park/Little Charlie Bowlegs WMP	1A	\$75,000	\$97,500	\$97,500
<b><u>Projects Ranked High Priority</u></b>							
7	Q223	Polk County	Study – Lake Lowery Outfall Evaluation	H	0	\$50,000	0
8	Q252	Ft. Meade	Study – Ft. Meade Reclaimed Water Feasibility Study	H	0	\$168,750	0
9	Q266	Polk County	Conservation – Polk County Florida Water Star Builder Reimbursement Program	H	0	\$20,000	0
10	Q267	Polk Regional Water Cooperative	Conservation – PRWC Demand Management Implementation	H	0	\$102,679	0
11	Q271	Winter Haven	Reclaimed – Winter Haven Preserve at Lake Ashton Reclaimed Water Transmission	H	0	\$500,000	\$910,000
12	Q284	City of Frostproof	SW IMP – Water Quality – Wall Street BMPs	H	0	\$112,500	\$337,500
13	Q285	City of Lake Wales	SW IMP – Water Quality – Park Avenue Streetscape Improvements	H	0	\$110,000	0
14	Q298	Highlands County	SW IMP – Water Quality – Lake June-in-Winter Catfish Creek BMPs	H	0	\$116,250	\$78,750
15	Q303	Haines City	Reclaimed – Haines City Lake Eva Aquifer Recharge and MFL Recovery	H	0	\$253,500	\$2,700,000
<b><u>Projects Ranked Medium Priority</u></b>							
16	Q286	City of Lakeland	Study – Lake Parker Restoration	M	0	\$80,000	0
17	W518	Polk County	Restoration – Lake Hancock Natural Systems Enhancements	M	0	\$210,000	0
18	W520	Polk County	Study – Upper Peace River Feasibility	M	0	\$60,000	0
19	W564	Polk County	Study – Ridge to Rivers Feasibility	M	0	\$160,000	0
<b>Recommended for Funding Total:</b>					<b>\$2,376,750</b>	<b>\$2,301,179</b>	<b>\$4,123,750</b>
<b><u>Projects Ranked Low and/or Not Recommended</u></b>							
20	Q184	Polk Regional Water Cooperative	Brackish – Polk Regional Water Cooperative Southeast Wellfield Implementation	L	\$6,750,000	\$42,772,000	\$40,724,500

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Page	Project Number	Cooperator	Project Name	Rank	District Prior Funding	FY2022 Proposed District Funding	District Future Funding
21	Q216	Polk Regional Water Cooperative	Interconnects – Polk Regional Water Cooperative Regional Transmission Southeast Phase 1	L	\$4,950,000	\$31,542,000	\$16,552,150
<b>Not Recommended for Funding Total:</b>					<b>\$11,700,000</b>	<b>\$74,314,000</b>	<b>\$57,276,650</b>
<b>Heartland Region Total:</b>					<b>\$14,076,750</b>	<b>\$76,615,179</b>	<b>\$61,400,400</b>

Project No. Q067	<b>Reclaimed – Polk County NERUSA Southeast Reuse Loop Project</b>			
Polk County				FY2022
<b>Risk Level:</b>	Type 2	<b>Multi-Year Contract:</b> Yes, Year 3 of 3		
<b>Description</b>				
<b>Description:</b>	Design, permitting and construction of approximately 24,800 feet of reclaimed water transmission mains and other necessary appurtenances to construct a loop to supply approximately 1,365 homes in the Southeast reuse portion of the North East Regional Utility Service Area (NERUSA) and to enable supply to future planned subdivisions.			
<b>Measurable Benefit:</b>	The contractual Measurable Benefit will be the supply and utilization of 0.522 mgd of reclaimed water for residential irrigation use for an anticipated 0.522 mgd of water savings in the Central Florida Water Initiative area (CFWI).			
<b>Costs:</b>	Total project cost: \$4,373,500 (design, permitting, construction) Polk County: \$2,186,750; District: \$2,186,750, with \$2,076,750 budgeted in previous years, and the final \$110,000 is requested in FY2022			
<b>Evaluation</b>				
<b>Application Quality:</b>	High	Application included all of the required information identified in the CFI guidelines.		
<b>Project Benefit:</b>	High	The benefit is the supply of 0.522 mgd of reclaimed water to residential irrigation customers for an anticipated 0.522 mgd of water savings within the CFWI.		
<b>Cost Effectiveness:</b>	High	\$8.38 per gallon per day capital cost which is less than the \$10 to \$15 per gallon average for alternative supplies.		
<b>Past Performance:</b>	High	Based upon an assessment of the schedule and budget for the 11 ongoing projects.		
<b>Complementary Efforts:</b>	High	The Cooperator has a program in place that includes metering and an incentivized based reuse rate structure for high volume users, and has proactive reclaimed expansion policies which maximize utilization and environmental benefits.		
<b>Project Readiness:</b>	High	Project is ongoing and on schedule.		
<b>Strategic Goals</b>				
<b>Strategic Goals:</b>	High	<b>Strategic Initiative - Reclaimed Water:</b> Maximize beneficial use of reclaimed water to reduce demand on traditional water supplies. <b>Heartland Region Priority:</b> Implement Southern Water Use Caution Area (SWUCA) Recovery Strategy		
<b>Overall Ranking and Recommendation</b>				
Fund as 1A Priority	This ongoing project is recommended for funding as it reduces reliance on traditional sources in the SWUCA and is cost effective.			
<b>Funding</b>				
<b>Funding Source</b>	<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total</b>
District	\$2,076,750	\$110,000	\$0	\$2,186,750
Polk County	\$2,076,750	\$110,000	\$0	\$2,186,750
<b>Total</b>	<b>\$4,153,500</b>	<b>\$220,000</b>	<b>\$0</b>	<b>\$4,373,500</b>

Project No. Q176	<b>WMP – Winter Haven/Upper Peace Creek Watershed Optimization Model</b>			
Winter Haven	FY2022			
<b>Risk Level:</b>	Type 3	<b>Multi-Year Contract:</b> Yes, Year 2 of 2		
<b>Description</b>				
<b>Description:</b>	Development of an integrated surface and groundwater planning model for the Upper Peace Creek Watershed. The model will incorporate economic, social and environmental considerations to develop options for flood mitigation, water supply and natural system enhancements. FY2022 funding will be used to complete the Flood Mitigation Plan and Funding Plan.			
<b>Measurable Benefit:</b>	The contractual Measurable Benefit is the completion of an integrated optimization model addressing water and related resources for the Winter Haven lakes, Ridge lakes, Upper Peace Creek and the Peace River.			
<b>Costs:</b>	Total project cost: \$750,000 Winter Haven: \$375,000 District: \$375,000 with \$225,000 budgeted in previous years and \$150,000 requested in FY2022.			
<b>Evaluation</b>				
<b>Application Quality:</b>	High	Application included all the required information identified in the CFI guidelines.		
<b>Project Benefit:</b>	Medium	The project is a planning and modeling project to address improvement of flood protection, enhancement of natural systems, water supply and economic development. The resource benefits and costs will be clearly defined for each proposed project.		
<b>Cost Effectiveness:</b>	Medium	The cost of this project is similar to other projects of similar scope.		
<b>Past Performance:</b>	Medium	Based upon an assessment of the schedule and budget for the 5 ongoing projects.		
<b>Complementary Efforts:</b>	High	The applicant has four or more complementary efforts in the areas of water supply, flood protection and natural systems.		
<b>Project Readiness:</b>	High	Project is ongoing and on schedule.		
<b>Strategic Goals</b>				
<b>Strategic Goals:</b>	High	<p><b>Strategic Initiative - Alternative Water Supplies:</b> Increase development of alternative sources of water to ensure groundwater and surface water sustainability</p> <p><b>Strategic Initiative - Conservation and Restoration:</b> Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources.</p> <p><b>Strategic Initiative - Floodplain Management:</b> 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><b>Heartland Region Priority:</b> Implement Southern Water Use Caution Area (SWUCA) Recovery Strategy</p>		
<b>Overall Ranking and Recommendation</b>				
Fund as 1A Priority	This ongoing study will develop an integrated planning model for the Upper Peace Creek Watershed that will result in project options for reduced groundwater use in the SWUCA, flood protection improvements, and natural system restoration. Specific benefits will be provided as a part of the project option analysis.			
<b>Funding</b>				
<b>Funding Source</b>	<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total</b>
District	\$225,000	\$150,000	\$0	\$375,000
Winter Haven	\$225,000	\$150,000	\$0	\$375,000
<b>Total</b>	<b>\$450,000</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$750,000</b>

Project No. Q181	<b>WMP – Highlands Hammock State Park/Little Charlie Bowlegs WMP</b>			
FDEP	FY2022			
<b>Risk Level:</b> Type 4		<b>Multi-Year Contract:</b> Yes, Year 2 of 3		
<b>Description</b>				
<b>Description:</b>	Complete a Watershed Management Plan (WMP) for the Little Charlie Bowlegs Watershed with an increased focus on Highlands Hammock State Park in Highlands and Hardee Counties. This study will include a watershed evaluation, floodplain analysis, level of service (LOS) determination, surface water resource assessment (SWRA), and best management practice (BMP) alternatives analysis with the goal of improving flood protection, water quality and/or natural systems. FY2022 funding will be used to conduct the floodplain analysis.			
<b>Measurable Benefit:</b>	The contractual Measurable Benefit will be the completion of a WMP that identifies floodplains, establishes LOS, performs a SWRA, and evaluates BMPs to address flooding concerns, and improves water quality and/or enhances natural systems in the watershed.			
<b>Costs:</b>	Total Project cost: \$540,000 FDEP: \$270,000 District: \$270,000 with \$75,000 budgeted in previous years, \$97,500 requested in FY2022 and \$97,500 anticipated to be requested in future years.			
<b>Evaluation</b>				
<b>Application Quality:</b>	High	Application included all the required information identified in the CFI Guidelines.		
<b>Project Benefit:</b>	Medium	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. Resource benefit is set to medium to reflect that nearly half of the watershed is within the State Park.		
<b>Cost Effectiveness:</b>	High	Project cost per square mile is in the low range of historic costs (under \$14,100/sq mi) for WMPs completed in rural watersheds.		
<b>Past Performance:</b>	High	Based upon an assessment of the schedule and budget for the 1 ongoing project.		
<b>Complementary Efforts:</b>	High	Cooperator is a state agency and does not participate in the Community Rating System.		
<b>Project Readiness:</b>	High	The project is ongoing and on schedule.		
<b>Strategic Goals</b>				
<b>Strategic Goals:</b>	High	<p><b>Strategic Initiative - Conservation and Restoration:</b> Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources.</p> <p><b>Strategic Initiative - Floodplain Management:</b> 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><b>Strategic Initiative - Water Quality Assessment and Planning:</b> Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives.</p>		
<b>Overall Ranking and Recommendation</b>				
Fund as 1A Priority	This ongoing project will identify flood risk and develop improvement plans in an area that does not have a flood risk model. The study includes the Highlands Hammock State Park and the surrounding watershed. The resulting product will be utilized for flood zone determination, to help implement solutions that alleviate flood risk, improve water quality, and/or enhance natural systems.			
<b>Funding</b>				
<b>Funding Source</b>	<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total</b>
District	\$75,000	\$97,500	\$97,500	\$270,000
FDEP	\$75,000	\$97,500	\$97,500	\$270,000
<b>Total</b>	<b>\$150,000</b>	<b>\$195,000</b>	<b>\$195,000</b>	<b>\$540,000</b>

Project No. Q223	<b>Study – Lake Lowery Outfall Evaluation</b>			
Polk County				FY2022
<b>Risk Level:</b>	Type 3	<b>Multi-Year Contract:</b> No		
<b>Description</b>				
<b>Description:</b>	Completion of a feasibility study to identify and evaluate possible drainage improvements to the Lake Lowery Outfall. Numerous complaints of flooded properties, roads, driveways, wells, outbuildings, and failed septic systems have been reported to the County and the District.			
<b>Measurable Benefit:</b>	The contractual Measurable Benefit will be the completion of a feasibility study that identifies and evaluates possible drainage improvements to the Lake Lowery Outfall.			
<b>Costs:</b>	Total project cost: \$100,000 (study) Polk County: \$50,000 District: \$50,000 requested in FY2022			
<b>Evaluation</b>				
<b>Application Quality:</b>	High	Application included all the required information identified in the CFI guidelines.		
<b>Project Benefit:</b>	High	The project benefit is a feasibility study that will analyze flooding problems in the watershed and identify possible solutions. Currently, flood analysis models are available, and the watershed includes regional or intermediate stormwater systems.		
<b>Cost Effectiveness:</b>	Medium	The cost of this project is comparable to other prior projects with similar scopes.		
<b>Past Performance:</b>	High	Based upon an assessment of the schedule and budget for the 11 ongoing projects.		
<b>Complementary Efforts:</b>	Medium	Cooperator's Community Rating System class is 6 and is in the 6 to 9 range.		
<b>Project Readiness:</b>	High	Project is ready to begin on or before December 1, 2021.		
<b>Strategic Goals</b>				
<b>Strategic Goals:</b>	Medium	<b>Strategic Initiative - Floodplain Management:</b> Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives.		
<b>Overall Ranking and Recommendation</b>				
Fund as a High Priority	This project is to complete a feasibility study to identify and evaluate possible solutions to reduce flooding in the Lake Lowery Watershed where numerous flooding complaints have been reported to the County and the District.			
<b>Funding</b>				
<b>Funding Source</b>	<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total</b>
District	\$0	\$50,000	\$0	\$50,000
Polk County	\$0	\$50,000	\$0	\$50,000
<b>Total</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$100,000</b>

Project No. Q252	Study – Ft. Meade Reclaimed Water Feasibility Study			
Ft. Meade				FY2022
Risk Level: Type 2		Multi-Year Contract: No		
<b>Description</b>				
<b>Description:</b>	A Feasibility Study to determine and contrast two different 0.54 mgd reclaimed water options for the full utilization of the City's available reclaimed water flows. Option 1: Ft. Meade Reclaimed Water Constructed Wetlands and Option 2: Duke Hines Energy Reclaimed Transmission. The study will identify cost to benefit ratios, projected benefits, probable construction, operation and maintenance costs and identify how they support the District's Strategic Initiatives.			
<b>Measurable Benefit:</b>	The contractual Measurable Benefit will include the completion of a feasibility study to identify the costs, benefits and recommendations for two reclaimed water options to utilize the 0.54 mgd within the Southern Water Use Caution Area (SWUCA).			
<b>Costs:</b>	Total project cost: \$225,000 (feasibility); Ft. Meade: \$56,250 (REDI Eligible Community); District: \$168,750, with all requested in FY2022;			
<b>Evaluation</b>				
<b>Application Quality:</b>	High	Application included all of the required information identified in the CFI guidelines.		
<b>Project Benefit:</b>	Medium	The project benefit is the completion of a feasibility study to evaluate potential project options to utilize 0.54 mgd of excess Ft. Meade reclaimed water.		
<b>Cost Effectiveness:</b>	High	The costs are consistent with the range of costs for similar reuse feasibility studies co-funded by the District.		
<b>Past Performance:</b>	High	Based upon an assessment of the schedule and budget for the 1 ongoing project.		
<b>Complementary Efforts:</b>	High	The Cooperator has a program in place that includes metering and an incentivized based reuse rate structure for high volume users, and has proactive reclaimed expansion policies which maximize utilization and environmental benefits.		
<b>Project Readiness:</b>	High	The project is ready to begin on or before December 1, 2021.		
<b>Strategic Goals</b>				
<b>Strategic Goals:</b>	High	<b>Strategic Initiative - Reclaimed Water:</b> Maximize beneficial use of reclaimed water to reduce demand on traditional water supplies. <b>Heartland Region Priority:</b> Implement Southern Water Use Caution Area (SWUCA) Recovery Strategy		
<b>Overall Ranking and Recommendation</b>				
Fund as a High Priority	The project is recommended for funding, as it will provide valuable information necessary for the potential development of a future reuse option. Ft. Meade qualifies for a 75% cost share as a REDI community as defined by Florida Statute. Under the Governing Board's Cooperative Funding Initiative Policy, the Board can reduce the requirements for matching funds for REDI communities.			
<b>Funding</b>				
<b>Funding Source</b>	<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total</b>
District	\$0	\$168,750	\$0	\$168,750
Ft. Meade	\$0	\$56,250	\$0	\$56,250
<b>Total</b>	<b>\$0</b>	<b>\$225,000</b>	<b>\$0</b>	<b>\$225,000</b>



<b>Project No. Q266</b>	<b>Conservation – Polk County Florida Water Star Builder Reimbursement Program</b>			
<b>Polk County</b>				<b>FY2022</b>
<b>Risk Level:</b>	Type 1	<b>Multi-Year Contract:</b> No		
<b>Description</b>				
<b>Description:</b>	Make available financial incentives to home builders for building homes to Florida Water Star (FWS) standards and submitting proof of FWS certification for these homes. FWS homes meet specific water-efficiency criteria inside the homes in appliances and fixtures and outside the homes in landscape and irrigation design and installation. This project will provide a \$1,000 rebate per home for home builders to assist with the additional costs associated with building and certifying approximately 40 FWS-certified homes. Some Polk County municipalities have adopted local ordinances, requiring FWS standards for new construction. Rebates will be available county wide within all jurisdictions.			
<b>Measurable Benefit:</b>	The contractual Measurable Benefit will be implementation of the program and the completion of a final report.			
<b>Costs:</b>	Total project cost: \$40,000 Polk County: \$20,000 District: \$20,000			
<b>Evaluation</b>				
<b>Application Quality:</b>	High	Application included all the required information identified in the CFI Guidelines.		
<b>Project Benefit:</b>	High	The benefit of the project is the conservation of approximately 5,260 gallons per day in the Southern Water Use Caution Area (SWUCA).		
<b>Cost Effectiveness:</b>	Medium	Project cost effectiveness is between \$3.01 and \$6.01 per thousand gallons saved.		
<b>Past Performance:</b>	High	Based upon an assessment of the schedule and budget for the 11 ongoing projects.		
<b>Complementary Efforts:</b>	High	Applicant has the complementary efforts of having an active conservation program, adopting an ordinance to support year-round 2-day per week irrigation restrictions and actively enforcing restrictions.		
<b>Project Readiness:</b>	High	Project is ready to begin on or before December 1, 2021.		
<b>Strategic Goals</b>				
<b>Strategic Goals:</b>	High	<b>Strategic Initiative - Conservation:</b> Enhance efficiencies in all water-use sectors to ensure beneficial use. <b>Heartland Region Priority:</b> Implement Southern Water Use Caution Area (SWUCA) Recovery Strategy		
<b>Overall Ranking and Recommendation</b>				
<b>Fund as a High Priority</b>	Project will conserve potable water supply in the SWUCA and is cost effective.			
<b>Funding</b>				
<b>Funding Source</b>	<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total</b>
District	\$0	\$20,000	\$0	\$20,000
Polk County	\$0	\$20,000	\$0	\$20,000
<b>Total</b>	<b>\$0</b>	<b>\$40,000</b>	<b>\$0</b>	<b>\$40,000</b>

Project No. Q267		<b>Conservation – PRWC Demand Management Implementation</b>			
Polk Regional Water Cooperative		FY2022			
Risk Level: Type 1		Multi-Year Contract: No			
<b>Description</b>					
<b>Description:</b>		Make available financial incentives and services to residential and commercial customers for up to nine conservation activities, including: high-efficiency toilet rebates; 0.5 gallon per flush urinals; enhanced conservation kits, standard conservation kits, vouchers for toilet and installation, soil moisture sensors, evapotranspiration (ET) irrigation controllers, landscape irrigation audits, and rain sensors. Also included is program promotion and administrative costs 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. The Polk Regional Water Cooperative (PRWC) is collaborating with its members to implement and oversee the project.			
<b>Measurable Benefit:</b>		The contractual Measurable Benefit will be the implementation of the program and the completion of a final report.			
<b>Costs:</b>		Total Project Costs: \$205,358 PRWC: \$102,679 District: \$102,679			
<b>Evaluation</b>					
<b>Application Quality:</b>		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.		
<b>Project Benefit:</b>		High	The benefit of the project is the conservation of approximately 12,519 - 64,622 gallons per day in the Southern Water Use Caution Area (SWUCA) and the Central Florida Water Initiative (CFWI). Savings will vary based on the participation rate across the nine possible conservation activities.		
<b>Cost Effectiveness:</b>		Medium	Project cost effectiveness is between \$3.01 and \$6.00 per thousand gallons saved.		
<b>Past Performance:</b>		High	Based upon an assessment of the schedule and budget for the 7 ongoing projects.		
<b>Complementary Efforts:</b>		High	PRWC encourages, tracks, and provides planning and coordination for water conservation amongst its members.		
<b>Project Readiness:</b>		High	Project is ready to begin on or before December 1, 2021		
<b>Strategic Goals</b>					
<b>Strategic Goals:</b>		High	<b>Strategic Initiative - Conservation:</b> Enhance efficiencies in all water-use sectors to ensure beneficial use. <b>Heartland Region Priority:</b> Implement Southern Water Use Caution Area (SWUCA) Recovery Strategy		
<b>Overall Ranking and Recommendation</b>					
Fund as a High Priority		Project will conserve potable water supply in the SWUCA and CFWI and is cost effective.			
<b>Funding</b>					
<b>Funding Source</b>		<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total</b>
District		\$0	\$102,679	\$0	\$102,679
Polk Regional Water Cooperative		\$0	\$102,679	\$0	\$102,679
<b>Total</b>		<b>\$0</b>	<b>\$205,358</b>	<b>\$0</b>	<b>\$205,358</b>

Project No. Q271		Reclaimed – Winter Haven Preserve at Lake Ashton Reclaimed Water Transmission			
Winter Haven		FY2022			
Risk Level: Type 2		Multi-Year Contract: Yes, Year 1 of 2			
<b>Description</b>					
<b>Description:</b>		Construction and permitting of approximately 17,600 feet of reclaimed water transmission mains and other necessary appurtenances to construct a portion of a transmission loop to supply approximately 500 single family residential homes, common areas and medians and 2 golf courses in the southeast reuse portion of Winter Haven and to enable supply to future planned subdivisions.			
<b>Measurable Benefit:</b>		The contractual Measurable Benefit will be the supply and utilization of 0.590 million gallons per day (mgd) of reclaimed water for golf course and residential irrigation in the "Ridge Lakes" area of the Central Florida Water Initiative (CFWI). Construction will be done in accordance with the permitted plans.			
<b>Costs:</b>		Total project cost: \$2,820,000 (construction & permitting); Winter Haven: \$1,410,000; District: \$1,410,000, with \$500,000 requested in FY2022 and remaining \$910,000 in Future Fiscal Years.			
<b>Evaluation</b>					
<b>Application Quality:</b>		Medium	Application included most of the required information identified in the CFI guidelines. District PM had to work with the cooperator to obtain the remaining required information.		
<b>Project Benefit:</b>		High	The benefit is the supply of 0.590 mgd of reclaimed water for irrigation customers for an anticipated 0.388 mgd of water savings in the "Ridge Lakes" area of the Central Florida Water Initiative (CFWI).		
<b>Cost Effectiveness:</b>		High	\$7.26 per gallon per day capital cost which is below the \$10 to \$15 per gallon average for alternative supplies.		
<b>Past Performance:</b>		Medium	Based upon an assessment of the schedule and budget for the 5 ongoing projects.		
<b>Complementary Efforts:</b>		High	The Cooperator has a program in place that includes metering and an incentivized based reuse rate structure for high volume users, and has proactive reclaimed expansion policies which maximize utilization and environmental benefits.		
<b>Project Readiness:</b>		High	The project is ready to begin on or before December 1, 2021.		
<b>Strategic Goals</b>					
<b>Strategic Goals:</b>		High	<b>Strategic Initiative - Reclaimed Water:</b> Maximize beneficial use of reclaimed water to reduce demand on traditional water supplies. <b>Heartland Region Priority:</b> Implement Southern Water Use Caution Area (SWUCA) Recovery Strategy		
<b>Overall Ranking and Recommendation</b>					
Fund as a High Priority		The project is recommended for funding as it reduces reliance on traditional water sources in the CFWI and is cost effective.			
<b>Funding</b>					
<b>Funding Source</b>		<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total</b>
District		\$0	\$500,000	\$910,000	\$1,410,000
Winter Haven		\$0	\$500,000	\$910,000	\$1,410,000
<b>Total</b>		<b>\$0</b>	<b>\$1,000,000</b>	<b>\$1,820,000</b>	<b>\$2,820,000</b>

Project No. Q284	SW IMP – Water Quality – Wall Street BMPs			
City of Frostproof	FY2022			
Risk Level:	Type 3	Multi-Year Contract: Yes, Year 1 of 2		
<b>Description</b>				
<b>Description:</b>	Design, permitting, and construction of stormwater BMPs to improve water quality discharging into Lakes Reedy and Clinch, impaired water bodies with adopted TMDLs for nutrients within the Ridge Lakes, a District regional priority water body.			
<b>Measurable Benefit:</b>	The contractual Measurable Benefit will be the construction of BMPs to treat stormwater runoff from approximately 18 acres of urban watershed. Construction will be done in accordance with permitted plans. There will be no monitoring or performance testing requirements.			
<b>Costs:</b>	Total Project Cost: \$1,328,000 (Design, permitting, construction) Rebuild Florida: \$728,000 City of Frostproof: \$150,000 (REDI Eligible Community) District: \$450,000 with \$112,500 requested in FY2022 and \$337,500 anticipated to be requested in future years.			
<b>Evaluation</b>				
<b>Application Quality:</b>	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.		
<b>Project Benefit:</b>	High	The Resource Benefit of the project is the reduction of Total Nitrogen loads to Lake Reedy and Lake Clinch by an estimated 140 lbs/yr TN, and a reduction of Total Phosphorus loads by an estimated 20 lbs/yr TP.		
<b>Cost Effectiveness:</b>	Medium	The estimated cost/lb of TN removed is between the historical average cost of \$176 and \$475/lb.		
<b>Past Performance:</b>	High	Based upon an assessment of the schedule and budget for the 1 ongoing project.		
<b>Complementary Efforts:</b>	High	Applicant has an active stormwater utility that collects fees.		
<b>Project Readiness:</b>	High	Project is ready to begin on or before December 1, 2021.		
<b>Strategic Goals</b>				
<b>Strategic Goals:</b>	High	<b>Strategic Initiative - Water Quality Maintenance and Improvement:</b> Develop and implement programs, projects and regulations to maintain and improve water quality. <b>Heartland Region Priority:</b> Improve Winter Haven Chain of Lakes and Ridge Lakes		
<b>Overall Ranking and Recommendation</b>				
Fund as a High Priority	This project is cost effective and improves water quality discharging to Lakes Reedy and Clinch, within the Ridge Lakes, a District regional priority water body. The Governor's Executive Order 19-12 instructs the five water management districts to prioritize funding to focus on projects that will address harmful algal blooms and maximize nutrient reductions. The City of Frostproof qualifies for a 75% cost share as a REDI community as defined by Florida Statute. Under the Cooperative Funding Initiative Governing Board Policy, the Board can reduce the requirements for matching funds for REDI communities.			
<b>Funding</b>				
<b>Funding Source</b>	<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total</b>
District	\$0	\$112,500	\$337,500	\$450,000
City of Frostproof	\$0	\$37,500	\$112,500	\$150,000
Rebuild Florida	\$0	\$0	\$728,000	\$728,000
<b>Total</b>	<b>\$0</b>	<b>\$150,000</b>	<b>\$1,178,000</b>	<b>\$1,328,000</b>

Project No. Q285	<b>SW IMP – Water Quality – Park Avenue Streetscape Improvements</b>			
City of Lake Wales				FY2022
<b>Risk Level:</b>	Type 2	<b>Multi-Year Contract:</b> No		
<b>Description</b>				
<b>Description:</b>	Construction of stormwater BMPs along East Park Avenue to improve water quality discharging into Lake Wales, a nutrient impaired water body within the Ridge Lakes, a District regional priority water body.			
<b>Measurable Benefit:</b>	The contractual Measurable Benefit will be the construction of BMPs to treat stormwater runoff from approximately 4 acres of highly urbanized watershed. Construction will be done in accordance with the permitted plans. There will be no monitoring or performance testing requirements.			
<b>Costs:</b>	Total project cost: \$220,000 (construction) City of Lake Wales: \$110,000 District: \$110,000			
<b>Evaluation</b>				
<b>Application Quality:</b>	High	Application included all required information identified in the CFI Guidelines.		
<b>Project Benefit:</b>	Medium	The Resource Benefit of the project is the reduction of Total Nitrogen loads to Lake Wales by an estimated by an estimated 59 lbs/year and a reduction of Total Phosphorus loads by an estimated 6 lbs/year.		
<b>Cost Effectiveness:</b>	Medium	The estimated cost/lb of TN removed is within the historical average range of \$176/lb and \$475/lb. The estimated cost/lb of TP removed is within the historical average range of \$1498/lb and \$4152/lb.		
<b>Past Performance:</b>	High	Based on the cooperator having no ongoing projects with the District they are ranked high.		
<b>Complementary Efforts:</b>	High	Applicant has an active stormwater utility that collects fees.		
<b>Project Readiness:</b>	High	Project is ready to begin on or before December 1, 2021.		
<b>Strategic Goals</b>				
<b>Strategic Goals:</b>	High	<b>Strategic Initiative - Water Quality Maintenance and Improvement:</b> Develop and implement programs, projects and regulations to maintain and improve water quality. <b>Heartland Region Priority:</b> Improve Winter Haven Chain of Lakes and Ridge Lakes		
<b>Overall Ranking and Recommendation</b>				
<b>Fund as a High Priority</b>	This project is cost effective and improves water quality discharging to Lake Wales Ridge Lake, a District regional priority water body. The Governor's Executive Order 19-12 instructs the five water management districts to prioritize funding to focus on projects that will address harmful algal blooms and maximize nutrient reductions.			
<b>Funding</b>				
<b>Funding Source</b>	<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total</b>
District	\$0	\$110,000	\$0	\$110,000
City of Lake Wales	\$0	\$110,000	\$0	\$110,000
<b>Total</b>	<b>\$0</b>	<b>\$220,000</b>	<b>\$0</b>	<b>\$220,000</b>

Project No. Q298	<b>SW IMP – Water Quality – Lake June-in-Winter Catfish Creek BMPs</b>			
Highlands County	FY2022			
<b>Risk Level:</b>	Type 3	<b>Multi-Year Contract:</b> Yes, Year 1 of 2		
<b>Description</b>				
<b>Description:</b>	Design, permitting and construction of stormwater BMPs in Catfish Creek to improve water quality in Lake June-In-Winter, a Lake Wales Ridge Lake.			
<b>Measurable Benefit:</b>	The contractual Measurable Benefit will be the design, permitting and construction of LID BMPs to provide treatment to 2,760 acres of the Catfish Creek watershed. Construction will be done in accordance with permitted plans. There will be no monitoring or performance testing requirements.			
<b>Costs:</b>	Total project cost: \$260,000 (design, permitting, construction) Highlands County: \$65,000 (REDI Eligible Community) District: \$195,000 with \$116,250 requested in FY2022 and \$78,750 anticipated to be requested in future years.			
<b>Evaluation</b>				
<b>Application Quality:</b>	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.		
<b>Project Benefit:</b>	High	The Resource Benefit of the Project is the reduction of pollutant loads to Lake June-In-Winter, a Lake Wales Ridge Lake, by an estimated 205 lbs/yr TN, and 42 lbs/yr TP.		
<b>Cost Effectiveness:</b>	High	The estimated cost/lb of TN removed is below the historical cost average of \$176/lb. The estimated cost/lb of TP removed is below the historical average of \$1498/lb.		
<b>Past Performance:</b>	High	Based upon an assessment of the schedule and budget for the 1 ongoing project.		
<b>Complementary Efforts:</b>	High	Applicant has an active stormwater utility that collects fees.		
<b>Project Readiness:</b>	Medium	Project is ready to begin on or before March 1, 2022.		
<b>Strategic Goals</b>				
<b>Strategic Goals:</b>	High	<b>Strategic Initiative - Water Quality Maintenance and Improvement:</b> Develop and implement programs, projects and regulations to maintain and improve water quality. <b>Heartland Region Priority:</b> Improve Winter Haven Chain of Lakes and Ridge Lakes		
<b>Overall Ranking and Recommendation</b>				
Fund as a High Priority	This project is cost effective and improves water quality discharging to Lake June-In-Winter, a Lake Wales Ridge Lake. The Governor's Executive Order 19-12 instructs the five water management districts to prioritize funding to focus on projects that will address harmful algal blooms and maximize nutrient reductions. Highlands County qualifies for a 75% cost share as a REDI community as defined by Florida Statute. Under the Cooperative Funding Initiative Governing Board Policy, the Board can reduce the requirements for matching funds for REDI communities.			
<b>Funding</b>				
<b>Funding Source</b>	<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total</b>
District	\$0	\$116,250	\$78,750	\$195,000
Highlands County	\$0	\$38,750	\$26,250	\$65,000
<b>Total</b>	<b>\$0</b>	<b>\$155,000</b>	<b>\$105,000</b>	<b>\$260,000</b>

Project No. Q303		Reclaimed – Haines City Lake Eva Aquifer Recharge and MFL Recovery		
Haines City		FY2022		
Risk Level: Type 2		Multi-Year Contract: Yes, Year 1 of 3		
<b>Description</b>				
<b>Description:</b>	30% design and third-party review (TPR) for the design, permitting and construction of a system of rapid infiltration basins (RIBs) that will receive reclaimed water at a minimum average 5-year recharge rate of 256 million gallons per year (mgy) with an aggregate capacity of up to 2.5 million gallons per day (mgd), approximately 5,700 feet of reclaimed water transmission mains, control valves and associated instrumentation, and other necessary appurtenances to facilitate the supply of reclaimed water to help restore minimum lake levels (MLLs) in the “Ridge Lakes” area of the Central Florida Water Initiative region and Southern Water use Caution Area. This is a follow-on project to N888, Haines City Reclaimed Water MFL Recharge & Advanced Treatment Feasibility and implements the selected option. The FY2022 funding request is to complete 30% design and TPR, which will provide the necessary information to support funding in future years to complete design, permitting, and construction.			
<b>Measurable Benefit:</b>	The contractual Measurable Benefit will be completion of 30% design of the proposed project to permit and construct reclaimed water transmission mains and RIBs to benefit lake levels.			
<b>Costs:</b>	Total project cost: \$507,000 (30% design and TPR) Haines City: \$253,500 District: \$253,500 with \$253,500 requested in FY2022. The conceptual estimate for total project costs, including design completion, permitting, and construction is \$5,907,000. It is anticipated that the City will request funding to complete design, permitting, and construction in future years.			
<b>Evaluation</b>				
<b>Application Quality:</b>	Medium	Application included most of the required information identified in the CFI guidelines. District PM had to work with the cooperator to obtain remaining information.		
<b>Project Benefit:</b>	High	The Resource Benefit of this project, if constructed, will be RIBs that will receive reclaimed water at a minimum average 5-year recharge rate of 256 mgy to increase water levels near Lake Eva to help achieve the lake’s MLLs that are currently not being met.		
<b>Cost Effectiveness:</b>	High	The project costs are consistent with similarly funded District projects.		
<b>Past Performance:</b>	High	Based upon an assessment of the schedule and budget for 1 ongoing project.		
<b>Complementary Efforts:</b>	High	Haines City’s reclaimed water system includes metering and an incentivized based reuse rate structures for high volume water users and has proactive reclaimed water expansion policies which maximize utilization, water resource benefits, and environmental benefits.		
<b>Project Readiness:</b>	High	Project is ready to begin on December 1, 2021.		
<b>Strategic Goals</b>				
<b>Strategic Goals:</b>	High	<b>Strategic Initiative - Reclaimed Water:</b> Maximize beneficial use of reclaimed water to reduce demand on traditional water supplies. <b>Heartland Region Priority:</b> Improve Winter Haven Chain of Lakes and Ridge Lakes		
<b>Overall Ranking and Recommendation</b>				
<b>Fund as a High Priority</b>	The current staff ranking of the project is High based upon preliminary results from project N888- Haines City Reclaimed Water MFL Recharge & Advanced Treatment Feasibility. Conservative and preliminary model results indicate a recovery of roughly 0.3’ per 0.7 mgd (256 mgy) of loading to the RIB over a long-term basis. The RIB will be constructed to handle a maximum loading capacity of 2.5 mgd, which is projected to recover the lake by greater than 1.0’ over a long-term basis. Final modeling results will be available in March 2021 and staff will confirm the final project ranking prior to the April Sub-committee meetings.			
<b>Funding</b>				
<b>Funding Source</b>	<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total*</b>
District	\$0	\$253,500	\$2,700,000	\$2,953,500
Haines City	\$0	\$253,500	\$2,700,000	\$2,953,500
<b>Total</b>	<b>\$0</b>	<b>\$507,000</b>	<b>\$5,400,000</b>	<b>\$5,907,000</b>

\*Conceptual cost estimate, subject to Governing Board Approval



Project No. Q286	<b>Study – Lake Parker Restoration</b>			
City of Lakeland				FY2022
<b>Risk Level:</b>	Type 3	<b>Multi-Year Contract:</b> No		
<b>Description</b>				
<b>Description:</b>	A feasibility study to identify opportunities within a 200-acre area west of Lake Parker for natural systems restoration and hydrologic restoration to reduce nutrients and improve water quality to Lake Parker. This project will quantify benefits and develop cost estimates.			
<b>Measurable Benefit:</b>	The contractual Measurable Benefit will be the completion of the study.			
<b>Costs:</b>	Total Project Cost: \$160,000 (Study) City of Lakeland: \$80,000 District: \$80,000			
<b>Evaluation</b>				
<b>Application Quality:</b>	High	Application included all the required information identified in the CFI guidelines.		
<b>Project Benefit:</b>	High	The project benefit is the assessment of opportunities to improve Lake Parker, including water quality, flood protection and natural systems enhancement/restoration.		
<b>Cost Effectiveness:</b>	High	The cost effectiveness for this study is comparable to past projects.		
<b>Past Performance:</b>	High	Based upon an assessment of the schedule and budget for the 1 ongoing project.		
<b>Complementary Efforts:</b>	High	Applicant has an active stormwater utility that collects fees.		
<b>Project Readiness:</b>	High	Project is ready to begin on or before December 1, 2021.		
<b>Strategic Goals</b>				
<b>Strategic Goals:</b>	Medium	<b>Strategic Initiative - Water Quality Assessment and Planning:</b> Collect and analyze data to determine local and regional water quality status and trends to support resource management decisions and restoration initiatives.		
<b>Overall Ranking and Recommendation</b>				
Fund as a Medium Priority	The Governor's Executive Order 19-12 instructs the five water management district to prioritize funding to focus on projects that will address harmful algal blooms and maximize nutrient reductions. This feasibility study is consistent with that directive, is cost effective and will investigate and identify opportunities to improve water quality and natural systems within the Lake Parker watershed.			
<b>Funding</b>				
<b>Funding Source</b>	<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total</b>
District	\$0	\$80,000	\$0	\$80,000
City of Lakeland	\$0	\$80,000	\$0	\$80,000
<b>Total</b>	<b>\$0</b>	<b>\$160,000</b>	<b>\$0</b>	<b>\$160,000</b>



Project No. W518	<b>Restoration – Lake Hancock Natural Systems Enhancements</b>			
Polk County				FY2022
<b>Risk Level:</b>	Type 3	<b>Multi-Year Contract:</b> No		
<b>Description</b>				
<b>Description:</b>	Design, permitting and construction to establish a minimum of 35 acres of planted native emergent and submerged aquatic vegetation within Lake Hancock.			
<b>Measurable Benefit:</b>	The contractual Measurable Benefit will be the establishment of a minimum of 35 acres of planted native emergent and/or submersed aquatic vegetation within Lake Hancock.			
<b>Costs:</b>	Total Project Cost: \$420,000 (design, permitting, construction) Polk County: \$210,000 District: \$210,000			
<b>Evaluation</b>				
<b>Application Quality:</b>	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.		
<b>Project Benefit:</b>	Medium	The benefit of the project is the restoration and enhancement of approximately 35 acres of emergent and submerged wetlands in Lake Hancock, which is within the Charlotte Harbor Watershed, a SWIM priority water body. This project provides ancillary water quality benefits.		
<b>Cost Effectiveness:</b>	High	The estimated cost/acre is below the historical average of \$53,326/acre for Natural Systems Restoration.		
<b>Past Performance:</b>	High	Based upon an assessment of the schedule and budget for the 11 ongoing projects.		
<b>Complementary Efforts:</b>	High	Applicant has an environmentally sensitive land purchase program, an exotic removal/treatment program, and maintains “nature parks” or “open space” within its park system, as well as other complimentary efforts that preserve or restore natural systems.		
<b>Project Readiness:</b>	High	Project is ready to begin on or before December 1, 2021.		
<b>Strategic Goals</b>				
<b>Strategic Goals:</b>	Medium	<b>Strategic Initiative - Conservation and Restoration:</b> Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources.		
<b>Overall Ranking and Recommendation</b>				
Fund as a Medium Priority	The project is cost effective and enhances natural systems in Lake Hancock, which is within the Charlotte Harbor Watershed, a SWIM priority water body. This project provides ancillary water quality benefits.			
<b>Funding</b>				
<b>Funding Source</b>	<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total</b>
District	\$0	\$210,000	\$0	\$210,000
Polk County	\$0	\$210,000	\$0	\$210,000
<b>Total</b>	<b>\$0</b>	<b>\$420,000</b>	<b>\$0</b>	<b>\$420,000</b>

Project No. W520		Study – Upper Peace River Feasibility			
Polk County		FY2022			
Risk Level: Type 3		Multi-Year Contract: No			
<b>Description</b>					
<b>Description:</b>		Complete a feasibility study along the Upper Peace River, from Lake Hancock south to the Polk/Hardee County line. This study will identify and prioritize feasible restoration opportunities to improve water quality, flood protection, and natural systems. The project will quantify benefits and develop cost estimates. Due to the limited availability for surface water in this region, and competing interests for this limited resource, we will require multijurisdictional coordination between the local governments and the PRWC. This coordination will enhance regional planning for this limited resource.			
<b>Measurable Benefit:</b>		The contractual Measurable Benefit will be the completion of a feasibility study that will identify and prioritize feasible restoration opportunities to improve water quality, flood protection, and natural systems.			
<b>Costs:</b>		Total project cost \$120,000 (study) Polk County \$60,000 District \$60,000			
<b>Evaluation</b>					
<b>Application Quality:</b>		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.		
<b>Project Benefit:</b>		Medium	The project benefit is a study that will evaluate restoration alternatives along the Peace River, from Lake Hancock south to the Polk/Hardee County line.		
<b>Cost Effectiveness:</b>		High	The cost effectiveness for this study is comparable to past projects.		
<b>Past Performance:</b>		High	Based upon an assessment of the schedule and budget for the 11 ongoing projects.		
<b>Complementary Efforts:</b>		High	The county has an environmentally sensitive lands purchase program, exotic removal and treatment programs, and other complementary efforts that preserve or restore natural systems. Applicant has an active stormwater utility that collects fees.		
<b>Project Readiness:</b>		High	Project is ready to begin on or before December 1, 2021.		
<b>Strategic Goals</b>					
<b>Strategic Goals:</b>		High	<b>Strategic Initiative - Conservation and Restoration:</b> Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources. <b>Strategic Initiative - Water Quality Maintenance and Improvement:</b> Develop and implement programs, projects and regulations to maintain and improve water quality. <b>Southern Region Priority:</b> Improve Charlotte Harbor, Sarasota Bay and Shell/Prairie/Joshua creeks.		
<b>Overall Ranking and Recommendation</b>					
Fund as a Medium Priority		The project will identify possible restoration opportunities along the Upper Peace River, from Lake Hancock south to the Polk/Hardee County line. The study will produce BMP alternatives and conceptual cost estimates to improve water quality, flood protection and natural systems. The majority of the area of interest exists within the Charlotte Harbor Watershed, a SWIM priority water body. Due to the limited availability for surface water in this region, and competing interests for this limited resource, we will require multijurisdictional coordination between the local governments and the PRWC. This coordination will enhance regional planning for this limited resource.			
<b>Funding</b>					
<b>Funding Source</b>		<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total</b>
District		\$0	\$60,000	\$0	\$60,000
Polk County		\$0	\$60,000	\$0	\$60,000
<b>Total</b>		<b>\$0</b>	<b>\$120,000</b>	<b>\$0</b>	<b>\$120,000</b>

Project No. W564	Study – Ridge to Rivers Feasibility			
Polk County				FY2022
Risk Level: Type 3		Multi-Year Contract: No		
<b>Description</b>				
<b>Description:</b>	Development of a feasibility and prioritization study to identify opportunities for water quality improvements, increased recharge, and habitat enhancement in an area of interest generally described as southern central Polk County. The project will quantify benefits and develop cost estimates. Due to the limited availability for surface water in this region, and competing interests for this limited resource, we will require multijurisdictional coordination between the local governments and the PRWC. This coordination will enhance regional planning for this limited resource.			
<b>Measurable Benefit:</b>	The contractual Measurable Benefit will be the completion of the study.			
<b>Costs:</b>	Total Project Cost: \$320,000 (Study) Polk County: \$160,000 District: \$160,000			
<b>Evaluation</b>				
<b>Application Quality:</b>	High	Application included the information requested in the CFI Guideline.		
<b>Project Benefit:</b>	Medium	The project benefit is the identification and prioritization of improvements to natural systems, water quality, and recharge within the defined area of interest.		
<b>Cost Effectiveness:</b>	Medium	The cost of this study is slightly higher than similar studies.		
<b>Past Performance:</b>	High	Based upon an assessment of the schedule and budget for the 11 ongoing projects.		
<b>Complementary Efforts:</b>	High	Applicant has an Environmentally Sensitive Lands Purchase Program, exotic removal and treatment programs, Adopt a Road Program, maintains "nature parks" and "open space" and other complementary efforts that preserve or restore natural systems. Applicant has an active stormwater utility that collects fees.		
<b>Project Readiness:</b>	High	The project is ready to begin on or before December 1, 2021.		
<b>Strategic Goals</b>				
<b>Strategic Goals:</b>	High	<b>Strategic Initiative - Conservation and Restoration:</b> Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources. <b>Strategic Initiative - Water Quality Maintenance and Improvement:</b> Develop and implement programs, projects and regulations to maintain and improve water quality. <b>Southern Region Priority:</b> Improve Charlotte Harbor, Sarasota Bay and Shell/Prairie/Joshua creeks.		
<b>Overall Ranking and Recommendation</b>				
Fund as a Medium Priority	This study will produce BMP alternatives and conceptual cost estimates to address issues within a large area of interest focused on improvements in natural systems, water quality, and identify opportunities to increase surface water recharge within the southern water use caution area. The project will quantify benefits and develop cost estimates. The majority of the area of interest exists within the Charlotte Harbor watershed, a SWIM Priority Water Body. Due to the limited availability for surface water in this region, and competing interests for this limited resource, we will require multi-jurisdictional coordination between the local governments and the PRWC. This coordination will enhance regional planning for this limited resource.			
<b>Funding</b>				
<b>Funding Source</b>	<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total</b>
District	\$0	\$160,000	\$0	\$160,000
Polk County	\$0	\$160,000	\$0	\$160,000
<b>Total</b>	<b>\$0</b>	<b>\$320,000</b>	<b>\$0</b>	<b>\$320,000</b>

<b>Project No. Q184</b>	<b>Brackish – Polk Regional Water Cooperative Southeast Wellfield Implementation</b>			
<b>Polk Regional Water Cooperative</b>	FY2022			
<b>Risk Level:</b>	Type 2	<b>Multi-Year Contract:</b> Yes, Year 2 of 7		
<b>Description</b>				
<b>Description:</b>	Final design, permitting, and construction of the Southeast Wellfield Water Treatment Facility. Project components include a reverse osmosis facility, brackish water wellfield, and concentrate disposal wells located east of Lake Wales. The request includes the first two construction phases of the Southeast Wellfield projects for an initial 7.5 mgd finished water capacity followed by a 5 mgd increase to 12.5 mgd capacity. The project will provide alternative water supply for participating members of the Polk Regional Water Cooperative, which will be delivered by a regional transmission system developed as a companion project (Q216) and builds upon the conceptual and preliminary design funded under project N905.			
<b>Measurable Benefit:</b>	The contractual Measurable Benefit will be an alternative supply project providing 12.5 mgd for use by PRWC project partners to reduce stress on the Upper Floridan aquifer.			
<b>Costs:</b>	Total conceptual project cost: \$180,493,000 (final design, permitting, and construction) PRWC: \$90,246,500 District: \$90,246,500 with \$6,750,000 budgeted in previous years, \$42,772,000 requested for FY2022, and \$40,724,500 anticipated to be requested in future years.			
<b>Evaluation</b>				
<b>Application Quality:</b>	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.		
<b>Project Benefit:</b>	High	Substantial resource benefit expected from the development of regional alternative water supply to reduce stress on the Upper Floridan aquifer, lakes, and wetlands.		
<b>Cost Effectiveness:</b>	Medium	The cost effectiveness for the Southeast Wellfield Water Treatment Facility with combined phases 1 and 2 are medium based on staff evaluation guidelines and conceptual design costs. The capital cost per 12.5 mgd capacity developed is \$14.44, which is within the medium effectiveness range of \$10 to \$15.		
<b>Past Performance:</b>	High	Based upon an assessment of the schedule and budget for the 7 ongoing projects.		
<b>Complementary Efforts:</b>	High	Applicant will provide wholesale alternative Water Supplies to participating PRWC Members.		
<b>Project Readiness:</b>	Low	The project received FY2021 funding, but has not yet commenced.		
<b>Strategic Goals</b>				
<b>Strategic Goals:</b>				
<b>Overall Ranking and Recommendation</b>				
Low Priority Not Recommended for funding	Staff continue to support this project but due to delays in securing funding commitments from PRWC member governments and anticipated changes to design capacity, the project's second-year funding request is currently ranked low. The requested amount includes construction funding that likely will not be expended in FY2022. If funding commitment issues can be resolved and revised project design, schedule and costs are provided to the District, staff would consider an improved ranking. Staff recommend that this project be presented to the full Governing Board in May 2021 for further consideration.			
<b>Funding</b>				
<b>Funding Source</b>	<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total</b>
District	\$6,750,000	\$42,772,000	\$40,724,500	\$90,246,500
Polk Regional Water Cooperative	\$6,750,000	\$42,772,000	\$40,724,500	\$90,246,500
<b>Total</b>	<b>\$13,500,000</b>	<b>\$85,544,000</b>	<b>\$81,449,000</b>	<b>\$180,493,000</b>

Project No. Q216	<b>Interconnects – Polk Regional Water Cooperative Regional Transmission Southeast Phase 1</b>			
Polk Regional Water Cooperative	FY2022			
<b>Risk Level:</b> Type 2		<b>Multi-Year Contract:</b> Yes, Year 2 of 3		
<b>Description</b>				
<b>Description:</b>	Final design, permitting, and construction of the Southeast Wellfield Regional Transmission System, Phase 1. Project components include a pipeline system extending from the Southeast Wellfield Water Treatment Facility located east of Lake Wales to multiple municipalities along the US-27 corridor. A future phase will extend to municipalities near the Hwy-60 corridor. This project will deliver alternative water supply to members of the Polk Regional Water Cooperative, which will be developed through a companion project, the Southeast Wellfield Implementation Project (Q184), and builds upon the conceptual and preliminary design funded under project N905.			
<b>Measurable Benefit:</b>	The contractual Measurable Benefit will be the construction of a regional transmission system capable of delivering 7.5 mgd of alternative water supplies and allowing future expansions, promoting regional resource management efforts, and supporting water supply goals within the SWUCA.			
<b>Costs:</b>	Total Conceptual Project Cost: \$106,088,300 (final design, permitting, and construction) PRWC: \$53,044,150 District: \$53,044,150 with \$4,950,000 budgeted in previous years, \$31,542,000 requested in FY2022, and \$16,552,150 anticipated to be requested in future years.			
<b>Evaluation</b>				
<b>Application Quality:</b>	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.		
<b>Project Benefit:</b>	High	Substantial resource benefit expected from the transmission of regional alternative water supply to reduce stress on the Upper Floridan aquifer, lakes, and wetlands.		
<b>Cost Effectiveness:</b>	Medium	The cost effectiveness is in the medium range of typical regional transmission projects based on staff evaluation of itemized component costs by pipe diameters and length, terrain types, and construction methods.		
<b>Past Performance:</b>	High	Based upon an assessment of the schedule and budget for the 7 ongoing projects.		
<b>Complementary Efforts:</b>	High	Applicant will provide wholesale alternative water supplies to participating PRWC Members.		
<b>Project Readiness:</b>	Low	The project received FY2021 funding but has not yet commenced.		
<b>Strategic Goals</b>				
<b>Strategic Goals:</b>				
<b>Overall Ranking and Recommendation</b>				
Low Priority Not Recommended for funding	Staff continue to support this project but due to delays in securing funding commitments from PRWC member governments and anticipated changes to design capacity, the project's second-year funding request is currently ranked low. The requested amount includes construction funding that likely will not be expended in FY2022. If funding commitment issues can be resolved and revised project design, schedule and costs are provided to the District, staff would consider an improved ranking. Staff recommend that this project be presented to the full Governing Board in May 2021 for further consideration.			
<b>Funding</b>				
<b>Funding Source</b>	<b>Prior</b>	<b>FY2022</b>	<b>Future</b>	<b>Total</b>
District	\$4,950,000	\$31,542,000	\$16,552,150	\$53,044,150
Polk Regional Water Cooperative	\$4,950,000	\$31,542,000	\$16,552,150	\$53,044,150
<b>Total</b>	<b>\$9,900,000</b>	<b>\$63,084,000</b>	<b>\$33,104,300</b>	<b>\$106,088,300</b>

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