Attachment 1

Ranking of Fiscal Year 2021-22 Districtwide (DW) and REDI/Innovative (RI) Cost-Share Applications
Funding limit of $3M (DW) and $0.5M (RI) per project or per entity

Green-shaded cells will be submitted for Florida Department of Environmental Protection (FDEP) Outstanding Florida Springs Funding consideration.
Blue-shaded cells will be submitted for FDEP Alternative Water Supply Funding consideration.
Projects above this line ranked for consideration of District cost-share funding.

Rank	Project Name	SJR Primary Core Mission	Planning Region*	Total Score	Estimated Construction Cost	Total District Portion	Cumulative Total District Funding (running total)	Project Description/Notes
1	Ocala Lower Floridan Aquifer Conversion (Phase III)	Natural Systems	CSEC	**95**	$4,411,400	$1,102,850	**$1,102,850**	The project is the third of a multi-phased project and consists of constructing one 2,000,000 gallon storage tank, drilling of one Upper Floridan aquifer well and purchasing a motor, pump, and control panel with variable frequency drive. The estimated natural systems benefit to Silver Springs is 6.9 cubic feet per second flow increase. A secondary benefit includes an alternative water supply benefit of 3.5 Million Gallons per Day (MGD). Part of multi-year Springs Restoration funding.
2	Jacksonville Beach Penman Road Septic Tank Phase-Out	Water Quality	NFRWSP	**91**	$180,000	$100,000	**$1,202,850**	The project includes the removal of 5 septic tanks, approx. 520 Linear Feet (LF) of 8-inch sewer gravity main, and sewer laterals to provide service to one multi-family residential and four single-family residential properties currently on septic tanks. The estimated nutrient load reduction water quality benefit to the Hopkins Creek watershed is 67 lbs./yr. Total Nitrogen (TN).
3	Lake County Lake Joanna Stormwater Enhancements	Water Quality	CSEC	**90**	$179,500	$44,875	**$1,247,725**	This project consists of the installation of a nutrient-separating baffle box with media filtration to capture floatables and provide additional nutrient removal prior to discharge into Lake Joanna. The project is located in the Upper Ocklawaha River Basin Management Action Plan area. The estimated nutrient load reduction water quality benefit to Lake Joanna is 1,928 lbs./yr. TN and 220 lbs./yr. Total Phosphorus (TP).
4	Rockledge Flow Equalization Basin Project	Water Quality	CSEC	**87**	$7,669,000	$1,917,250	**$3,164,975**	The project includes the addition of a new 1.4 million gallon influent equalization basin, associated pump station, and supporting facilities at the Rockledge wastewater treatment plant. The estimated nutrient load reduction water quality benefit to the Indian River Lagoon is 29,106 lbs./yr. of TN.
5	Volusia School Board McInnis Elementary School Sewer Improvements	Water Quality	CSEC	**87**	$166,700	$41,675	**$3,206,650**	The project includes decommissioning and demolishing an existing package plant at McInnis Elementary school, decommissioning two rapid infiltration basins that serve the plant, and constructing a force main to connect to a new master lift station. The estimated nutrient reduction water quality benefit to DeLeon Springs is 50 lbs./yr. TN.
6	Orange County Water Conservation with Advanced Targeting	Water Conservation	CFWI	**86**	$125,760	$62,800	**$3,269,450**	The water conservation program will provide indoor Environmental Protection Agency WaterSense devices for inside the home and rebates for irrigation system retrofits. The estimated water conservation benefit to Wekiwa-Rock Springs is 0.07 MGD.
7	Southlake Utilities Alternative Water Source for Irrigation	Water Supply	CFWI	**84**	$726,205	$181,551	**$3,451,001**	The project includes converting an Upper Floridan aquifer well to the Lower Floridan aquifer (a lower quality water source), for irrigation supply. The estimated water supply benefit is 0.55 MGD.
8	Putnam County Elsie and Horse Landing Road Septic to Sewer Phase III **REDI/Innovative Program**	Water Quality	NFRWSP	**84**	$450,000	$450,000	**$3,901,001**	The project is the 4th phase of the County's septic-to-sewer conversions. A total of 30 septic tanks will be decommissioned and sewer laterals will be installed to connect to central sewer. The estimated nutrient load reduction water quality benefit to the Dunns Creek area is 702 lbs./yr. TN and 36 lbs./yr. TP.
9	Orange County Wekiwa Springs Septic Tank Retrofit Project Phase 2	Water Quality	CFWI	**83**	$6,887,135	$1,721,784	**$5,622,785**	The project is Phase 2 of a septic-to-sewer conversion that involves the installation of sewer laterals, sewer connections, septic tank abandonment, sanitary sewer main, and lift stations for 154 parcels in the Palms 1 and 2 neighborhoods. The total estimated nutrient load reduction water quality benefit to Wekiwa-Rock springshed is 1,601 lbs./yr. TN.
10	City of Bunnell Sewer Slip Lining Rehabilitation - Phase 4 **REDI/Innovative Program**	Water Quality	NFRWSP	**82**	$500,000	$500,000	**$6,122,785**	The project includes slip-lining approximately 2.9 miles of sewer mains and lateral lines within the City. The estimated load reduction water quality benefit to the lower St. Johns River and its tributaries is 200 lbs./yr. TN and 31 lbs./yr. TP.

*Planning Region: CSEC - Central Springs and East Coast, CFWI - Central Florida Water Initiative, NFRWSP - North Florida Regional Water Supply Partnership

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Funding limit of $3M (DW) and $0.5M (RI) per project or per entity

Green-shaded cells will be submitted for Florida Department of Environmental Protection (FDEP) Outstanding Florida Springs Funding consideration.
Blue-shaded cells will be submitted for FDEP Alternative Water Supply Funding consideration.
Projects above this line ranked for consideration of District cost-share funding.

Rank	Project Name	SJR Primary Core Mission	Planning Region*	Total Score	Estimated Construction Cost	Total District Portion	Cumulative Total District Funding (running total)	Project Description/Notes
11	JEA US 1 - Greenland Water Reclamation Facility to County Road 210 Reclaimed Water Main	Water Supply	NFRWSP	**81**	$22,827,592	$3,000,000	**$9,122,785**	The project includes installation of a reclaimed water main along United States Route 1 to serve the Nocatee and Twin Creeks areas. The estimated water supply benefit is providing approximately 2.4 MGD alternative water. A secondary benefit includes reducing TN nutrient loading to Peters Creek and the Lower St. Johns River by approximately 72,391 lbs./yr.
12	Casselberry South Water Treatment Plant Well #1 Modification	Water Supply	CFWI	**80**	$455,000	$113,750	**$9,236,535**	The project includes the conversion of one of existing Upper Floridan aquifer well at the City's South Water Treatment Plant to the Lower Floridan aquifer. The estimated water supply benefit is 1 MGD and will benefit smaller springs that are part of the Wekiwa Spring system.
13	Vero Beach Canal to Irrigation Water Project	Water Supply	CSEC	**80**	$8,759,010	$2,189,753	**$11,426,288**	The project includes construction of 29,150 LF of reclaimed water main to transmit treated canal water for use in irrigation. The estimate water supply benefit is providing 3 MGD of reclaimed water. The project will also result in a secondary load reduction water quality benefit to the Indian River Lagoon of 9,772 lbs./yr. TN and 1,461 lbs./yr. TP.
14	Marion County 4-H Farm Septic-to-Sewer Conversion	Water Quality	CSEC	**80**	$130,000	$32,500	**$11,458,788**	The project includes the removal of one commercial septic tank, installing a force main, and two pump stations. The estimated nutrient load reduction water quality benefit to Silver Springs is 20 lbs./yr. TN.
15	Marion County Don Garlits Museum Septic-to-Sewer Conversion	Water Quality	CSEC	**80**	$150,000	$37,500	**$11,496,288**	The project includes the removal of one commercial septic tank and connection to sewer. The estimated nutrient load reduction water quality benefit to Silver Springs is 61 lbs./yr. TN.
16	St. Johns County State Route 16 Reclaimed Water Transmission Main Upsizing	Water Quality	NFRWSP	**78**	$3,926,244	$981,561	**$12,477,849**	The project consists of upsizing 12,500 LF of 8" reclaimed water pipeline to 16" to provide 75% reuse at the State Route 16 wastewater treatment facility. The estimated nutrient load reduction water quality benefit to Cowan Swamp, a tributary of Moultrie Creek and the Matanzas River, is 13,928 lbs./yr. TN. Additionally, the project provides 0.375 MGD of reclaimed water.
17	Deland Alabama Ave Reclaimed Water Main Extension	Water Supply	CSEC	**77**	$860,530	$215,133	**$12,692,982**	The project includes the installation 4,800 LF of reclaimed water main within Volusia Blue Springs springshed. The estimated water supply benefit is providing 0.175 MGD of reclaimed water.
18	Satellite Beach Lori Laine Trunk Line Improvement Project	Water Quality	CSEC	**76**	$2,237,868	$559,467	**$13,252,449**	The project consists of piping and earthwork to reroute stormwater conveyance to biosorption activated media (BAM)-filled trenches for nutrient removal. The estimated nutrient load reduction water quality benefit to the Indian River Lagoon is 129 lbs./yr. of TN and 28 lbs./yr. of TP.
19	Seminole County Little Wekiva Restoration Project	Natural Systems	CFWI	**75**	$1,750,000	$437,500	**$13,689,949**	The project consists of harvesting of invasive plant islands, removal of deposited sediments within the Little Wekiva River, recontouring of historic meanders, and replanting with beneficial native plant species. The project is located within the Wekiva River, Rock Springs Run, and Little Wekiva Canal Basin Management Action Plan areas and within a Total Maximum Daily Load waterbody. The estimated natural systems benefit will be restoration of 20-acres of wetlands.
20	Marion County Silver Springs Shores Unit 23 Innovative Stormwater Retrofit	Water Quality	CSEC	**74**	$1,094,057	$273,514	**$13,963,463**	This project will retrofit two Drainage Retention Areas (DRAs) with BAM to promote denitrification. The retrofit includes the removal of 30-inches of soil in the DRA bottoms and replacement with 24-inches of BAM overlaid with 4-inches of coarse sand and 2-inches of top soil. The estimated nutrient load reduction water quality benefit within the Silver Springs springshed is 207 lbs./yr. TN.

*Planning Region: CSEC - Central Springs and East Coast, CFWI - Central Florida Water Initiative, NFRWSP - North Florida Regional Water Supply Partnership

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Ranking of Fiscal Year 2021-22 Districtwide (DW) and REDI/Innovative (RI) Cost-Share Applications
Funding limit of $3M (DW) and $0.5M (RI) per project or per entity

Green-shaded cells will be submitted for Florida Department of Environmental Protection (FDEP) Outstanding Florida Springs Funding consideration.
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Projects above this line ranked for consideration of District cost-share funding.

Rank	Project Name	SJR Primary Core Mission	Planning Region*	Total Score	Estimated Construction Cost	Total District Portion	Cumulative Total District Funding (running total)	Project Description/Notes
21	Wilder, LLC Springs Recreational Vehicle Resort Wastewater Treatment Facility	Water Quality	CSEC	**74**	$390,365	$97,591	**$14,061,054**	The Springs Recreational Vehicle Resort wastewater treatment facility's current activated sludge treatment process will be modified to an advanced activated sludge treatment process. The estimated nutrient load reduction water quality benefit to Silver Springs is 119 lbs./yr. TN.
22	Marion County Country Gardens Stormwater Remediation	Flood Protection	CSEC	**70**	$338,873	$84,718	**$14,145,772**	The project includes constructing a new DRA, expanding an existing DRA, retrofitting pipes and swales, and providing curbing to aid in stormwater conveyance. The estimated flood protection benefit is reducing flooding to 3 homes and nearly 14-acres within the Country Gardens Subdivision.
23	Groveland Crystal Lake Reclaim System Rehabilitation and Improvement	Water Supply	CFWI	**70**	$350,000	$87,500	**$14,233,272**	The project includes rehabilitation of the existing surface water withdrawal system with a new intake structure, pumps, piping, controls, and a new lake weir system to manage storage and control discharge. The new system will be connected to the existing reclaimed water system. The estimated water supply benefit is 0.08 MGD alternative water.
24	Mount Dora Overlook Baffle Box on Lake Gertrude	Water Quality	CSEC	**67**	$179,300	$44,825	**$14,278,097**	The project includes installation of a baffle box in storm drainage prior to outfall into Lake Gertrude and Lake Dora. The estimated nutrient load reduction water quality benefit is 42 lbs./yr. TN and 10 lbs./yr. TP.
25	Maitland Village Homeowners Association Irrigation Optimization	Water Conservation	CFWI	**67**	$27,946	$13,973	**$14,292,070**	The project consists of installing smart irrigation controllers, converting conventional mist heads to rotator nozzles, installing pressure regulating solenoids and converting mist heads to drip line hose. The estimated water conservation benefit to Wekiwa-Rock Springs is 0.008 MGD.
26	Marion County Silver Springs Shores Unit 68 Innovative Stormwater Retrofit	Water Quality	CSEC	**64**	$979,438	$244,859	**$14,536,929**	This project will retrofit two DRAs with BAM to promote denitrification. The retrofit includes the removal of 30-inches of soil in the DRA bottoms and replacement with 24-inches of BAM overlaid with 4-inches of coarse sand and 2-inches of top soil. The estimated load reduction water quality benefit is 72 lbs./yr. TN within the Silver Springs springshed.
27	Marion County Southeast 64th Avenue Road Drainage Retention Area	Flood Protection	CSEC	**64**	$403,239	$100,810	**$14,637,739**	The project involves the construction of a DRA, installation of pipes and associated conveyance infrastructure, as well as re-grading of swales. The estimated flood protection benefit is 13.6-acres within the Silver Springs Shores subdivision.
28	JEA Water Conservation & Efficiency Program	Water Conservation	NFRWSP	**61**	$15,434,000	$3,000,000	**$17,637,739**	The comprehensive conservation program includes single-family high-efficiency toilet direct install, multi-family high-efficiency toilet direct install, single-family high-efficiency clothes washer rebate, single-family high-efficiency dishwasher rebate, Green Restaurant Program, ice machine rebate, cooling tower cost-sharing, smart irrigation controller rebate and a landscape transformation cost-sharing. The estimated water conservation benefit is 1.6 MGD.
29	Marion County Silver Springs Shores Units 29 & 30 Innovative Stormwater Retrofit	Water Quality	CSEC	**57**	$1,302,770	$325,693	**$17,963,432**	This project includes retrofitting two DRAs in the Silver Springs Shores Subdivision with BAM to promote denitrification. The retrofit includes the removal of 30-inches of soil in the DRA bottoms and replacement with 24-inches of BAM overlaid with 4-inches of coarse sand and 2-inches of top soil. The estimated project benefit within the Silver Springs springshed is 131 lbs./yr. TN.
30	Seminole County Lake Crescent (Jacobs Trail) Outfall Improvements	Flood Protection	CFWI	**57**	$396,012	$99,003	**$18,062,435**	This project includes construction of a control structure with weir, outfall pipe, and dry treatment pond. The estimated flood protection benefit is to 26 homes on 16.59-acres around Lake Crescent.

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Funding limit of $3M (DW) and $0.5M (RI) per project or per entity

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Projects above this line ranked for consideration of District cost-share funding.

Rank	Project Name	SJR Primary Core Mission	Planning Region*	Total Score	Estimated Construction Cost	Total District Portion	Cumulative Total District Funding (running total)	Project Description/Notes
31	Marion County Southwest 27th Ave Flood Relief Project	Flood Protection	CSEC	**56**	$577,525	$144,381	**$18,206,816**	The project includes constructing a DRA and installing pipes and swales for the stormwater conveyance system. The project will protect 84-acres and a critical north-south corridor within the County from repetitive flooding.
32	City of Palatka St Johns Ave Water Main Improvements **REDI/Innovative Program**	Water Conservation	NFRWSP	**54**	$998,111	$500,000	**$18,706,816**	The project will consist of replacing approximately 8,100 LF of 40 year old, undersized, and leaking galvanized steel water mains with Polyvinyl Chloride (PVC) water mains, along with new valves, hydrants, and water services. The estimated water conservation benefit is 0.003 MGD.
33	St. Johns County Woodbridge Subdivision Drainage Improvements	Flood Protection	NFRWSP	**53**	$827,000	$191,750	**$18,898,566**	The project includes construction of a stormwater system within a subdivision which experiences frequent flooding. The project is estimated to provide flood protection to 1.9-acres within the Woodbridge residential development.
34	St. Johns County Porpoise Point Drainage Improvements	Flood Protection	NFRWSP	**51**	$360,433	$90,000	**$18,988,566**	The project involves the construction of approximately 128 feet of PVC storm drain along Porpoise Point Drive. A backflow preventer (i.e. check valve) will be installed at the upstream end of the system. The estimated benefit is flood protection to 30-acres within a residential area.
35	Interlachen Water System Improvements Phase IV **REDI/Innovative Program**	Water Conservation	NFRWSP	**50**	$500,000	$500,000	**$19,488,566**	The project will consist of replacing approximately 8,100 LF of 40 year old, undersized, and leaking 1-inch, 1.5-inch, 3-inch, and 4-inch galvanized steel water mains with 6-inch and 8-inch PVC water mains, along with new valves, fire hydrants, and water services. The estimated water conservation benefit is 1.5% water savings.
36	Palm Coast L-4 Structure Replacement **REDI/Innovative Program**	Flood Protection	NFRWSP	**41**	$1,411,000	$500,000	**$19,988,566**	The project includes the replacement of the aging water control structure known as L-4 that serves the central portion of the City canal system. The estimated flood protection benefit is 8.59-acres.

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Attachment 2

Projects Recommended for Consideration of FY22 State Springs Funding

Projects above this line (1-15) ranked high enough for consideration of District cost-share funding and are also listed in Attachment 1. The project below this line (16) is not recommended for District cost-share funding consideration, or did not qualify.

Project also appears on the State AWS funding list (Attachment 3).

Project Rank	Name	Spring	Project Description	TN Reduced (lbs./yr.)	Water Made Available (MGD)	Wetlands Restored (acres)	Flood Protection (acres)	Estimated Construction Cost
1	Ocala Lower Floridan Aquifer Conversion (Phase III)	Silver	The project is the third of a multi-phased project and consists of constructing one 2,000,000 gallon storage tank, drilling of one Upper Floridan aquifer well and purchasing a motor, pump, and control panel with variable frequency drive. The estimated natural systems benefit to Silver Springs is 6.9 cubic feet per second flow increase. A secondary benefit includes an alternative water supply benefit of 3.5 Million Gallons per Day (MGD). This project is on FDEP's approved list for multi-year springs funding consideration.		3.5			$4,411,400
2	Volusia County School Board McInnis Elementary School Sewer Improvements	DeLeon	The project includes decommissioning and demolishing an existing package plant at McInnis Elementary school, decommissioning two rapid infiltration basins that serve the plant, and constructing a force main to connect to a new master lift station. The estimated nutrient reduction water quality benefit to DeLeon Springs is 50 lbs./yr. TN.	50				$166,700
3	Orange County Water Conservation with Advanced Targeting	Wekiwa-Rock	The water conservation program will provide indoor Environmental Protection Agency WaterSense devices for inside the home and rebates for irrigation system retrofits. The estimated water conservation benefit to Wekiwa-Rock Springs is 0.07 MGD.		0.07			$125,760
4	Orange County Wekiwa Springs Septic Tank Retrofit Project Phase 2	Wekiwa-Rock	The project is Phase 2 of a septic-to-sewer conversion that involves the installation of sewer laterals, sewer connections, septic tank abandonment, sanitary sewer main, and lift stations for 154 parcels in the Palms 1 and 2 neighborhoods. The total estimated nutrient load reduction water quality benefit to Wekiwa-Rock springshed is 1,601 lbs./yr. TN.	1,601				$6,887,135
5	JEA US 1 - Greenland Water Reclamation Facility to County Road 210 Reclaimed Water Main	Lower Santa Fe	The project includes installation of a reclaimed water main along United States Route 1 to serve the Nocatee and Twin Creeks areas. The estimated water supply benefit is providing approximately 2.4 MGD alternative water. A secondary benefit includes reducing TN nutrient loading to Peters Creek and the Lower St. Johns River by approximately 72,391 lbs./yr.	72,391	2.4			$22,827,592
6	Marion County Don Garlits Museum Septic-to-Sewer Conversion	Silver	The project includes the removal of one commercial septic tank and connection to sewer. The estimated nutrient load reduction water quality benefit to Silver Springs is 61 lbs./yr. TN.	61				$150,000
7	Marion County 4-H Farm Septic-to-Sewer Conversion	Silver	The project includes the removal of one commercial septic tank, installing a force main, and two pump stations. The estimated nutrient load reduction water quality benefit to Silver Springs is 20 lbs./yr. TN.	20				$130,000
8	Deland Alabama Ave Reclaimed Water Main Extension	Volusia Blue	The project includes the installation 4,800 LF of reclaimed water main within Volusia Blue Springs springshed. The estimated water supply benefit is providing 0.175 MGD of reclaimed water.		0.175			$860,530
9	Seminole County Little Wekiva Restoration Project	Wekiwa-Rock	The project consists of harvesting of invasive plant islands, removal of deposited sediments within the Little Wekiva River, recontouring of historic meanders, and replanting with beneficial native plant species. The project is located within the Wekiva River, Rock Springs Run, and Little Wekiva Canal Basin Management Action Plan areas and within a Total Maximum Daily Load waterbody. The estimated natural systems benefit will be restoration of 20-acres of wetlands.			20		$1,750,000
10	Wilder, LLC Springs Recreational Vehicle Resort Wastewater Treatment Facility	Silver	The Springs Recreational Vehicle Resort wastewater treatment facility's current activated sludge treatment process will be modified to an advanced activated sludge treatment process. The estimated nutrient load reduction water quality benefit to Silver Springs is 119 lbs./yr. TN.	119				$390,365

Attachment 2

Projects Recommended for Consideration of FY22 State Springs Funding

Projects above this line (1-15) ranked high enough for consideration of District cost-share funding and are also listed in Attachment 1. The project below this line (16) is not recommended for District cost-share funding consideration, or did not qualify.

Project also appears on the State AWS funding list (Attachment 3).

Project Rank	Name	Spring	Project Description	TN Reduced (lbs./yr.)	Water Made Available (MGD)	Wetlands Restored (acres)	Flood Protection (acres)	Estimated Construction Cost
11	Marion County Silver Springs Shores Unit 23 Innovative Stormwater Retrofit	Silver	This project will retrofit two Drainage Retention Areas (DRAs) with biosorption activated media (BAM) to promote denitrification. The retrofit includes the removal of 30-inches of soil in the DRA bottoms and replacement with 24-inches of BAM overlaid with 4-inches of coarse sand and 2-inches of top soil. The estimated nutrient load reduction water quality benefit within the Silver Springs springshed is 207 lbs./yr. TN.	207				$1,094,057
12	Marion County Country Gardens Stormwater Remediation	Silver	The project includes constructing a new DRA, expanding an existing DRA, retrofitting pipes and swales, and providing curbing to aid in stormwater conveyance. The estimated flood protection benefit is reducing flooding to 3 homes and nearly 14-acres within the Country Gardens Subdivision.				14	$338,873
13	Maitland Village Homeowners Association Irrigation Optimization	Wekiwa-Rock	The project consists of installing smart irrigation controllers, converting conventional mist heads to rotator nozzles, installing pressure regulating solenoids and converting mist heads to drip line hose. The estimated water conservation benefit to Wekiwa-Rock Springs is 0.008 MGD.		0.008			$27,946
14	Marion County Southeast 64th Avenue Road Drainage Retention Area	Silver	The project involves the construction of a DRA, installation of pipes and associated conveyance infrastructure, as well as re-grading of swales. The estimated flood protection benefit is 13.6-acres within the Silver Springs Shores subdivision.				13.6	$403,239
15	Marion County Silver Springs Shores Unit 68 Innovative Stormwater Retrofit	Silver	This project will retrofit two DRAs with BAM to promote denitrification. The retrofit includes the removal of 30-inches of soil in the DRA bottoms and replacement with 24-inches of BAM overlaid with 4-inches of coarse sand and 2-inches of top soil. The estimated load reduction water quality benefit is 72 lbs./yr. TN within the Silver Springs springshed.	72				$979,438
16	Marion County Southeast Regional Water Treatment Facility - Lower Floridan Well Construction	Silver	The project is an exploratory well and lacked geophysical information needed to determine the confining characteristics between the Upper and Lower Floridan aquifer, therefore the project could not be scored. The project consists of constructing a Lower Floridan aquifer well to serve as a non-traditional water source for a proposed regional water treatment plant at the site. The estimated water supply benefit is 0.5 MGD and will benefit the Silver Springs springshed.		0.5			$1,800,000
			TOTALS:	**74,521**	**6.7**	**20**	**28**	**$42,343,035**

Attachment 3

Projects Recommended for Consideration of FY22 State Alternative Water Supply Funding

Projects above this line (1-9) ranked high enough for consideration of District cost-share funding and are also listed in Attachment 1. The projects below this line (10-11) are not recommended for District cost-share funding consideration, or did not qualify.

Project also appears on the State Springs funding list (Attachment 2).

Project Rank	Name	Project Description	Water Supply Planning Region*	Water Made Available (MGD)	Water Conserved (MGD)	Estimated Construction Cost
1	Orange County Water Conservation with Advanced Targeting	The water conservation program will provide indoor Environmental Protection Agency WaterSense devices for inside the home and rebates for irrigation system retrofits. The estimated water conservation benefit to Wekiwa-Rock Springs is 0.07 MGD.	CFWI		0.07	$125,760
2	Southlake Utilities Alternative Water Source for Irrigation	The project includes converting an Upper Floridan aquifer well to the Lower Floridan aquifer (a lower quality water source), for irrigation supply. The estimated water supply benefit is 0.55 MGD.	CFWI	0.55		$726,205
3	JEA US 1 - Greenland Water Reclamation Facility to County Road 210 Reclaimed Water Main	The project includes installation of a reclaimed water main along United States Route 1 to serve the Nocatee and Twin Creeks areas. The estimated water supply benefit is providing approximately 2.4 MGD alternative water. A secondary benefit includes reducing TN nutrient loading to Peters Creek and the Lower St. Johns River by approximately 72,391 lbs./yr.	NFRWSP	2.4		$22,827,592
4	Casselberry South Water Treatment Plant Well #1 Modification	The project includes the conversion of one of existing Upper Floridan aquifer well at the City's South Water Treatment Plant to the Lower Floridan aquifer. The estimated water supply benefit is 1 MGD and will benefit smaller springs that are part of the Wekiwa Spring system.	CFWI	1.00		$455,000
5	Vero Beach Canal to Irrigation Water Project	The project includes construction of 29,150 LF of reclaimed water main to transmit treated canal water for use in irrigation. The estimate water supply benefit is providing 3 MGD of reclaimed water. The project will also result in a secondary load reduction water quality benefit to the Indian River Lagoon of 9,772 lbs./yr. TN and 1,461 lbs./yr. TP.	CSEC	3.00		$8,759,010
6	St. Johns County State Route 16 Reclaimed Water Transmission Main Upsizing	The project consists of upsizing 12,500 LF of 8" reclaimed water pipeline to 16" to provide 75% reuse at the State Route 16 wastewater treatment facility. The estimated nutrient load reduction water quality benefit to Cowan Swamp, a tributary of Moultrie Creek and the Matanzas River, is 13,928 lbs./yr. TN. Additionally, the project provides 0.375 MGD of reclaimed water.	NFRWSP	0.375		$3,926,244
7	Deland Alabama Ave Reclaimed Water Main Extension	The project includes the installation 4,800 LF of reclaimed water main within Volusia Blue Springs springshed. The estimated water supply benefit is providing 0.175 MGD of reclaimed water.	CSEC	0.175		$860,530
8	Groveland Crystal Lake Reclaim System Rehabilitation and Improvement	The project includes rehabilitation of the existing surface water withdrawal system with a new intake structure, pumps, piping, controls, and a new lake weir system to manage storage and control discharge. The new system will be connected to the existing reclaim system. The estimated water supply benefit is 0.08 MGD alternative water.	CFWI	0.08		$350,000
9	Maitland Village Homeowners Association Irrigation Optimization	The project consists of installing smart irrigation controllers, converting conventional mist heads to rotator nozzles, installing pressure regulating solenoids and converting mist heads to drip line hose. The estimated water conservation benefit to Wekiwa-Rock Springs is 0.008 MGD.	CFWI		0.008	$27,946

*Planning Region: CSEC - Central Springs and East Coast; CFWI - Central Florida Water Initiative; NFRWSP - North Florida Regional Water Supply Partnership

Attachment 3

Projects Recommended for Consideration of FY22 State Alternative Water Supply Funding

Projects above this line (1-9) ranked high enough for consideration of District cost-share funding and are also listed in Attachment 1. The projects below this line (10-11) are not recommended for District cost-share funding consideration, or did not qualify.

Project also appears on the State Springs funding list (Attachment 2).

Project Rank	Name	Project Description	Water Supply Planning Region*	Water Made Available (MGD)	Water Conserved (MGD)	Estimated Construction Cost
10	Marion County Southeast Regional Water Treatment Facility - Lower Floridan Well Construction	The project is an exploratory well and lacked geophysical information needed to determine the confining characteristics between the Upper and Lower Floridan aquifer, therefore the project could not be scored. The project consists of constructing a Lower Floridan aquifer well to serve as a non-traditional water source for a proposed regional water treatment plant at the site. The estimated water supply benefit is 0.5 MGD and will benefit the Silver Springs springshed.	CSEC	0.5		$1,800,000
11	Minneola Lower Floridan Aquifer Alternative Water Source	Geophysical testing information was not provided for this project (needed to determine the confining characteristics between the Upper and Lower Floridan aquifer), therefore the project could not be scored. This project consists of the construction of one 16-inch Lower Floridan aquifer well, with a pump and piping to the 1 million gallon storage tank, at the water reclamation facility to provide a backup source to the City's reclaimed water system.	CFWI	1.0		$2,000,000
		TOTALS:		**9.1**	**0.08**	**$41,858,287**

*Planning Region: CSEC - Central Springs and East Coast; CFWI - Central Florida Water Initiative; NFRWSP - North Florida Regional Water Supply Partnership