

Table A2. Water Supply Development Project Options

RWSP Project No.	DEP Project ID	District	County	Project Type	Project Name/Description (two columns if needed)	Implementing Agency or Entity	Project Description	Project Status	Estimated Completion Date	Estimated Benefit (mgd)	Storage Capacity Increased (MG)	Total Capital Cost (\$M)	Estimated Annual O&M (\$M)	Unit Cost (\$/1,000 gallons)
2017_19	NA	SJRWMD	Alachua	Reclaimed Water (for potable offset)	Brytan subdivision Reclaimed Water system expansion	GRU	This project includes expansion of reclaimed water distribution system pipelines in Brytan subdivision to offset use of potable water for irrigation. Related to Project No. 2023_28.	Proposed	2035	0.12	NA	\$1.23	\$0.003	\$1.80
2017_20	NA	SJRWMD	Alachua	Reclaimed Water (for potable offset)	Innovation District Reclaimed Water system expansion	GRU	This project consists of expansion of reclaimed water distribution system pipelines to offset use of potable water for industrial cooling and irrigation in the Innovation District as it develops. RCW comes from MSWRF (rather than from KWRF)	Proposed	2035	0.11	NA	\$1.50	\$0.004	\$2.50
2023_26	NA	SJRWMD	Alachua	Reclaimed Water (for potable offset)	RCW Extension to Future University of Florida Golf Course	GRU	This project consists of an extension of RCW transmission and distribution to future UF Golf Course and includes upgrades to RCW pump station and RCW transmission backbone which is needed to support this project. Project site has not been identified.	Proposed	2026	0.70	NA	\$1.80	\$0.050	\$0.67
2017_23	NA	SJRWMD	Alachua	Reclaimed Water (for potable offset)	Reclaimed Water System Expansion into New Neighborhoods	GRU	This project consists of potential future expansion of RCW distribution system into new neighborhoods	Feasibility Review	2045	0.35	NA	\$6.50	\$0.01	\$3.29
2023_28	NA	SJRWMD	Alachua	Reclaimed Water (for potable offset)	RCW Storage Tank & Pumping Upgrade	GRU	This project consists of a RCW storage tank needed to support buildout of Brytan and extension of RCW into future new neighborhoods. Conserved/AWS benefit nominally estimated at 500,000 gpd based on the approximate sum of the volume from the 2 projects this project supports (Brytan RCW Expansion + RCW Expansion to New Neighborhoods). Related to Project No. 2017_19.	Feasibility Review	2040	0.50	NA	\$5.00	\$0.005	\$1.75
2023_2	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Regional Reclaimed Storage Reservoir (build as 200MG)	CCUA	Reclaimed water storage - This project consists of creation of wet weather storage to be used during dry season peak demand. Conceptual project assumes one or more large storage ponds (60-200 MG) for seasonal storage of surplus reclaimed water (4 months) to meet peak demand shortages at a minimum of 1 mgd delivery from ponds.	Feasibility Review	2035	1.0 - 2.0	NA	\$100.00	\$0.183	NA
2023_3	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Reclaimed Storage Tanks	CCUA	Reclaimed distribution storage - This project consists of seven reclaimed ground storage tanks over five years (5.6 million gallons total). Additional reclaimed storage capacity will allow the utility to store more treated water during peak hours rather than discharging to surface waters. This will also reduce the use of augmentation well and maximize the use of RIBs.	Planning	2029	5.60	NA	\$13.11	\$0.23	NA
2023_4	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Reclaimed Transmission Optimization for Isolation Projects	CCUA	Transmission system optimization to maximize reuse delivery - This project consists of four projects that will install transmission pipelines to isolated transmission and distribution systems. In conjunction with the Reclaimed Storage Tanks and SCADA projects, this will allow the utility to store more treated water during peak hours rather than discharging to surface waters. This will also reduce the use of augmentation well and maximize the use of RIBs. The Transmission/SCADA/Storage tank suite of projects collectively will position CCUA from an approximately 70% reuse utility to nearly 100% reuse this decade. This represents 2-3 mgd of additional beneficial reuse by the end of the decade.	Planning	2025	2.0 - 3.0	NA	\$8.51	\$0.00	NA
2017_27	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Lake Asbury Reclaimed Mains Expansion	CCUA	This project will expand the reclaimed distribution system with over six miles of new reclaimed distribution mains in the Lake Asbury Master Planned Area (LAMP). The expansion is expected to serve the equivalent of an additional 8,800+ single family residences.	Design	2029	NA	NA	\$8.51	\$0.00	NA
2017_23	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Peters Creek WRF, Ponds, Reclaimed Storage & Pipeline (formerly Green Cove Regional RW WTP)	CCUA	This project consists of a new 1.5 MGD AADF Advanced Nutrient Removal WRF producing public access quality reclaimed water, 1.5 MGD wet weather storage ponds, approximately 0.8 MGD onsite reclaimed augmentation, 0.5 MGD RIBs for alternate discharge, and reuse water transmission pipes from the PC WRF to the Governors Park service area. The Peters Creek and Governors Park Reclaimed facilities are expandable, and will ultimately serve approximately 50,000 ERCs at buildout. Related to Project No. 2023_5 and 2023_10.	Construction/Underway	2024	1.50	NA	\$70.58	\$1.91	\$6.87
2023_10	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Governor's Park Reclaimed Storage and Pumping	CCUA	This project consists of a new reclaimed distribution facility to serve the Governor's Park service area. The facility will include a 0.750 MG ground storage tank and high service pump station. The facility will receive water treated to reclaimed standards from the Peters Creek WRF. Related Project No. 2017_23	Construction/Underway	2024	0.75	NA	\$5.37	\$0.26	NA
2023_11	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Saratoga Springs Reclaimed augmentation well, Storage and Pumping	CCUA	This project consists of a new reclaimed distribution facility to serve the Central Clay County service area. The facility will include a 0.750 MG ground storage tank, high service pump station, and an augmentation well. The facility will receive water treated to reclaimed standards from the CCUA Mid-Clay WRF.	Construction/Underway	2024	2.30	NA	\$6.18	\$0.81	\$1.15
2023_17	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Reclaimed SCADA System Optimization	CCUA	This project will optimize use of reclaimed water system by use of SCADA and programming improvements to the reclaimed distribution system. These improvements will include operational changes and infrastructure additions (e.g. additional flow meters) to optimize the use of reclaimed water and reduce the use of water from augmentation wells.	Planning	2024	1.00	NA	\$0.68	\$0.00	\$0.05
2023_42	NA	SJRWMD	Duval	Reclaimed Water (for potable offset)	SEQ to Gate Parkway - Trans - New - R	JEA	This project will install 5,000 feet of 30" reclaimed water main to serve as a transmission pipeline.	Planning	2029	0.12	NA	\$4.05	\$0.001	\$3.56
2017_45	NA	SJRWMD	Duval	Reclaimed Water (for potable offset)	Greenland Reclaimed Water Repump Facility - Storage Tank and Booster Pump Station	JEA	This project consists of 12.0 MG in storage tanks and high service pumps. Related to Project No. 2017_67 and 2023_31.	Complete	2025	12.00	NA	\$40.00	\$0.004	\$0.40
2017_49	NA	SJRWMD	Duval	Reclaimed Water (for potable offset)	Ridenour WTP - Reclaimed Water Storage and Repump	JEA	This project consists of a 3.0 MG storage tank and high service pumps.	Construction/Underway	2026	3.00	NA	\$17.15	\$0.004	\$0.69
2017_55	NA	SJRWMD	Duval	Reclaimed Water (for potable offset)	Davis - Gate Pkwy to RG Skinner - Reclaimed Water System Expansion	JEA	This project will install 13,700 feet of 30" reclaimed water main to serve as a transmission pipeline.	Construction/Underway	2025	0.12	NA	\$14.95	\$0.001	\$13.39
2017_62	NA	SJRWMD	Duval	Reclaimed Water (for potable offset)	Monument Rd - Arlington East WRF to St Johns Bluff Rd - Reclaimed Water System Expansion	JEA	This project will install 7,900 feet of 20" reclaimed water main to serve as a transmission pipeline. Related to Project No. 2023_29	Planning	2028	0.06	NA	\$12.98	\$0.001	\$17.86
2023_33	NA	SJRWMD	Duval	Reclaimed Water (for potable offset)	SWDE - Arlington East WRF - Reclaimed Water and Disinfection System Upgrades	JEA	This project will increase the reclaimed water production capacity from 8 to 25 mgd at the SWDE-Arlington East WRF. Related to Project No. 2023_39.	Design	2029	17.00	NA	\$186.78	\$0.004	\$1.15