

Table K1. Water Supply Development Project Options													
RWSP Project No.	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	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	2030	0.12	NA	\$1.23	\$0.003	\$1.80
2017_20	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	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	1.00	NA	\$1.80	\$0.050	\$0.47
2017_23	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	\$0.010	\$3.29
2023_28	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	SJRWMD	Clay	Reclaimed Water (for potable offset)	Regional Reclaimed Storage Reservoir (built 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	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	\$0.233	NA
2023_4	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	\$0.000	NA
2017_27	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	\$0.000	NA
2017_23	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	\$1.907	\$6.87
2023_10	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	\$0.264	NA
2023_11	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	\$0.810	\$1.15
2023_17	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	\$0.000	\$0.05
2023_7	SJRWMD	Clay	Stormwater	Onsite Stormwater Harvesting at WRFs	CCUA	This project will augment the reclaimed water supply by harvesting stormwater from CCUA WRFs with existing stormwater retention ponds - Fleming Island, Mid-Clay, Miller Street, Ridaught and Spencers Crossing. Harvested stormwater would be pumped to the onsite facility and treated to public access reuse standards before being distributed into the reclaimed system.	Planning	7/18/1905	0.24	NA	\$2.90	\$0.026	\$1.11
2023_5	SJRWMD	Clay	Surficial Aquifer System/Intermediate Aquifer System Water Sources	Peters Creek-Governor's Park Shallow Aquifer Augmentation of Reclaimed Water Supply -	CCUA	This project will utilize SAS ground water and recovered Rapid Infiltration Basin (RIB) water to augment the reclaimed supply, particularly during peak demand months. Construction of SAS wells near RIBs at Peters Creek Water Reclamation Facility (PCWRF), and along the approximately 7 mile transmission pipeline between Peters Creek and Governor's Park reclaimed storage and pumping sites. Raw water will be disinfected and added to the reclaimed storage tanks or along the reclaimed transmission line. Related to Project 2017_23.	Feasibility Review	2032	2.20	NA	\$13.60	\$0.330	\$0.83

2023_13	SJRWMD	Clay	Surficial Aquifer System/Intermediate Aquifer System Water Sources	Peters Creek WTP & Production Well # 3 -2.02 MGD Expansion	CCUA	This project consists of an expansion of the Peters Creek potable water distribution facility which uses the SAS. A new 1,400 gpm well, 1.25 MG ground storage tank and related appurtenances will be added.	Permitted	2027	2.02	NA	\$4.60	\$0.711	\$1.12
2023_14	SJRWMD	Clay	Surficial Aquifer System/Intermediate Aquifer System Water Sources	Pier Station WTP Expansion	CCUA	This project consists of a an expansion of the Pier Station potable WTP as growth in area occurs. This WTP uses the SAS as its source water.	Planning	2026	0.25	NA	\$2.70	\$0.088	\$1.70
2023_15	SJRWMD	Clay	Surficial Aquifer System/Intermediate Aquifer System Water Sources	Governor's Park WTP	CCUA	This project consists of a new potable water treatment and distribution facility to serve the Governor's Park service area. The facility will include two new dual zone (SAS and IAS), 1,770 gpm wells, a 0.500 MG ground storage tank, high service pump station and related appurtenances.	Design	2025	0.50	NA	\$9.00	\$0.176	\$2.20
2023_29	SJRWMD	Duval	Reclaimed Water (for potable offset)	Arlington East WRF - Reclaimed Water Filtration Expansion - Increase Capacity from 8.0 to 10.0 MGD	JEA	This project consists of a 2.0 MGD water reclamation facility filter expansion to support increased reclaimed water demands (project combined with SWDE - Arlington East WRF – Reclaimed Water and Disinfection System Upgrades). Related to Project No. 2017_62	Planning	2025	2.00	NA	\$2.80	\$0.011	NA
2023_42	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	2030	0.12	NA	\$4.00	\$0.001	\$3.56
2017_45	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.	Construction/Underway	2025	12.00	NA	\$40.00	\$0.004	\$0.40
2017_49	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.	Design	2026	3.00	NA	\$17.35	\$0.004	\$0.69
2017_55	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.	Planning	2025	0.12	NA	\$15.10	\$0.001	\$13.39
2017_62	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	2026	0.06	NA	\$10.06	\$0.001	\$17.86
2023_33	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.	Planning	2027	17.00	NA	\$111.00	\$0.004	\$1.15
2017_67	SJRWMD	Duval/St. Johns	Reclaimed Water (for potable offset)	US 1 - Greenland WRF to CR 210 - Reclaimed Water System Expansion	JEA	This project will install 30,000 feet of 20" reclaimed water main to serve as a transmission pipeline. Related to Project No. 2017_45 and 2023_31.	Construction/Underway	2023	0.06	NA	\$33.80	\$0.001	\$59.89
2017_76	SJRWMD	Nassau	Reclaimed Water (for potable offset)	Nassau Area - Radio Av - Reclaimed Water Storage Tank and Booster Pump Station	JEA	This project consists of a 1.5 MG storage tank and 1,000 gpm high service pumps.	Construction/Underway	2023	1.44	NA	\$7.27	\$0.005	\$0.61
2017_77	SJRWMD	Nassau	Reclaimed Water (for potable offset)	Nassau Regional WRF - Expansion to 3 MGD	JEA	This WRF capacity expansion includes 1.0 MG storage tank, 1,500 gpm high service pumps, and high level UV disinfection (estimated cost is for the RW component, not the WRF expansion). Related to Project No. 2023_35.	Construction/Underway	2025	2.16	NA	\$10.00	\$0.020	\$0.57
2023_35	SJRWMD	Nassau	Reclaimed Water (for potable offset)	JP - Nassau - Chester Rd - David Hallman to Pages Dairy Rd - R	JEA	This project will install 1,700 feet of 20" reclaimed water main to serve as a transmission pipeline. Related to Project No. 2017_77.	Construction/Underway	2025	0.06	NA	\$1.48	\$0.001	\$2.66
2023_36	SJRWMD	Nassau	Reclaimed Water (for potable offset)	SR200 - William Burgess Blvd to Police Lodge Rd - Trans - R	JEA	This project will install 14,250 feet of 16" reclaimed water main to serve as a transmission pipeline.	Construction/Underway	2023	0.04	NA	\$6.63	\$0.001	\$18.60
2017_87	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	RiverTown WTP - New Storage and Pumping System	JEA	This project consists of a 2.0 MG storage tank and high service pumps.	Planning	2027	2.00	NA	\$12.00	\$0.002	\$0.71
2023_31	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Twin Creeks Reclaimed Water Storage Tank and Booster Pump Station	JEA	This project consists of a 2.0 Mgal storage tank and high service pumps. Related to Project No's 2017_45 and 2017_67.	Construction/Underway	2023	2.00	NA	\$9.02	\$0.002	\$0.54
2017_89	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	CR210 - Longleaf Pine Pkwy to Shearwater - Reclaimed Water System Expansion	JEA	This project will Install 11,600 feet of 30" and 2,300 feet of 16" reclaimed water main to serve as a transmission pipeline.	Planning	2026	0.16	NA	\$6.86	\$0.001	\$4.63
2023_32	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	CR210 - South Hampton to Shearwater - Trans - Reclaimed Water System Expansion	JEA	This project will install 7,400 feet of 12" reclaimed water main to serve as a transmission pipeline.	Construction/Underway	2024	0.02	NA	\$3.34	\$0.001	\$17.85
2017_93	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	CR210 - Twin Creeks to Russell Sampson Rd - Reclaimed Water System Expansion	JEA	This project will install 12,000 feet of 20" reclaimed water main to serve as a transmission pipeline. Related to Project No. 2017_14.	Planning	2029	0.06	NA	\$7.63	\$0.001	\$13.56
2017_94	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Greenbriar Rd - Longleaf Pine Pkwy to Spring Haven Dr - Reclaimed Water System Expansion	JEA	This project will install 13,500 feet of 20" reclaimed water main to serve as a transmission pipeline	Planning	2027	0.06	NA	\$8.19	\$0.001	\$14.54
2017_104	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Russell Sampson Rd - St. Johns Pkwy to CR210 - Reclaimed Water System Expansion	JEA	This project will install 12,000 feet of 20" reclaimed water main to serve as a transmission pipeline. Related to Project No. 2017_93.	Planning	2028	0.06	NA	\$4.27	\$0.001	\$7.60
2023_37	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Blacks Ford WRF - Expansion from 6 to 12 mgd	JEA	This project will add 6 MG of storage and pumping. Related to Project No. 2023_43.	Planning	2027	6.00	NA	\$30.00	\$0.004	\$0.88
2023_38	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Nocatee North - Reclaim Water Storage Tank	JEA	This project will construct a new 3.5 MG storage tank.	Planning	2026	3.50	NA	\$10.37	\$0.001	\$17.11
2023_43	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Blacksford WRF to Veterans Pkwy – Trans – RW	JEA	This project will install 11,000 feet of 24" reclaimed water main to serve as a transmission pipeline. Related to Project No. 2023_27.	Planning	2028	0.08	NA	\$5.00	\$0.001	\$6.86
2017_109	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	CR 2209 Corridor Reclaimed Water System Expansion	SJCUD	This project will construct 3,400 feet of 20" reuse main along the future County Road 2209. Project helps facilitate SB 64 goals to interconnect reclaimed water systems. Project will reduce the discharge from the Northwest Wastewater Treatment Plant to Mill Creek, a tributary of Six Mile Creek and the lower St. Johns River.	Design	2024	0.57	NA	\$1.13	TBD	\$0.50
2023_45	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	SR 16 Corridor Reuse Transmission Main Expansion	SJCUD	This project will replace approximately 6.7 miles of existing 8-inch reuse main with a new 16-inch and 20-inch reuse main along State Rd 16 to facilitate full-scale interconnectivity of reuse water between the SR 16 WRF and the NW WRF grids. Project increases capacity to serve developments along the route.	Design	2024	1.00	NA	\$6.95	TBD	\$0.01

2023_46	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	NW WRF Expansion & Silverleaf DRI Reuse System	SJCUD	This project will install reuse infrastructure including transmission infrastructure, storage, booster pumps, and augmentation sources to supply reclaimed water to the Northwest Service area and Silverleaf DRI. The system will be phased in with multiple projects over the course of the development buildout. Phase I was complete in 2019. Expansion from 3MGD to 6 MGD anticipated by 2033.	Planning	2033	3.00	NA	\$34.00	TBD	\$0.01
2017_129	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	SR 207 WRF Expansion	SJCUD	This project will expand the existing SR 207 WWTP into a 3.25 MGD facility with the intent to provide reclaimed water to nearby new developments in a rapidly growing service corridor. Project creates a hub for reclaimed water service to comply with SB 64.	Construction/Underway	2025	3.25	NA	\$120.00	TBD	\$0.03
2023_47	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	SR 207 WRF Reuse Transmission Mains	SJCUD	This project will construction eight miles of reuse transmission main (24"/20") to connect the new SR 207 WRF to the NW and SR 16 reuse grids. Project is required to comply with SB 64.	Construction/Underway	2025	2.00	NA	\$21.00	TBD	\$0.01
2023_48	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Anastasia Island WWTP Reuse Grid Interconnection (2032 Reclaimed Water Grid)	SJCUD	This project will construct a reclaimed water transmission system to connect to County Reclaimed water grid and eliminate discharges to the Matanzas River to comply with SB 64.	Planning	2032	2.00	NA	\$39.00	TBD	\$0.02
2017_117	SJRWMD	St. Johns	Wellfield Optimization	CR 214 Water Blending Station (NW to Mainland PWS 2 MGD Transfer)	SJCUD	This project will improve water quality to the CR 214 WTP site by conditioning of the water transferred from the NW Grid that is blended and distributed into the Mainland Water System. Project helps to meet growing demands and helps sustain water quality in the Tillman Ridge Wellfield. Phase I for a 1 mgd Blending Station is complete. Phase II to transfer 2 mgd of flow facilitated by CR 208 Booster and NW WTP PhB expansion is in progress.	Construction/Underway	2023	0.00	NA	\$10.47	TBD	\$0.48
197	SRWMD	Alachua	Reclaimed Water (for potable offset)	Oakmont Subdivision Reclaimed Water System Expansion	GRU	Expansion of reclaimed water distribution system pipelines in Oakmont Subdivision to offset use of potable water for irrigation. Includes additional transmission and storage/pumping facilities to facilitate addition of groundwater recharge wetlands. This project includes all phases of the Oakmont Subdivision project.	Design	7/31/2033	0.40	NA	\$8.40	\$0.103	\$3.00
2101	SRWMD	Columbia	Reclaimed Water (for potable offset)	North Florida Mega Industrial Park	Columbia County	Retrofit proposed WWTF to meet AWT for future Public Access Reuse (PAR)	Design	3/1/2024	0.25	NA	\$27.00	\$0.500	\$17.27
1729	SRWMD	Suwannee	Reclaimed Water (for potable offset)	Live Oak Reuse	Live Oak, City of	Construct extensions to the Live Oak wastewater collection infrastructure which will provide additional reuse.	Design	12/1/2024	0.01	NA	\$3.24	\$0.008	\$37.47
296	SRWMD	Union	Reclaimed Water (for potable offset)	Lake Butler Wastewater Treatment Facility AWT Upgrade Phase 1	Lake Butler, City of	Funding for this Phase I will complete a feasibility study, design, and permitting for construction of an AWTF, storage surge tank, and wetland that will ultimately be used to construct a new 1.0 MGD WWTF to AWT treatment standards over three phases.	Design	6/30/2025	1.00	NA	\$3.40	\$0.800	\$2.52
Total									83.94	0.00	\$892.52	\$6.28	\$289.80

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2023_21	SJRWMD	Alachua	Groundwater Recharge	Future Groundwater Recharge Project	GRU	This project will recharge groundwater using RCW. Project site not identified. May be co-located with UF Golf Course. RCW Pump Station and Transmission Backbone Improvement needed to support this project.	Feasibility Review	2040	5.00	NA	\$20.00	\$0.30	\$0.88
2023_20	SJRWMD	Alachua	Groundwater Recharge	Groundwater Recharge Wetland Phase 2	GRU	This project consists of Phase 2 of the recharge wetland using RCW from Kanapaha WRF on the 75 ac site that was purchased in Phase 1. RCW Pump Station and Transmission Backbone Improvement needed to support this project. Related to Project No. 293	Planning	2034	2.00	NA	\$5.00	\$0.10	\$0.59
2023_9	SJRWMD	Clay	Groundwater Recharge	Keystone WWTP and RIB Expansion	CCUA	This project consists of a new or expanded groundwater recharge plant in the Keystone Heights capable of treating up to 0.300 mgd of increasing wastewater flows from residential, commercial, and industrial wastewater.	Feasibility Review	2027	0.30	NA	\$11.10	\$0.38	\$6.01
2017_195	SJRWMD	Clay	Groundwater Recharge	Black Creek WRD Project	SJRWMD / JEA, CCUA, SJCUD, GRU and other local cooperators	The primary goal of the Black Creek Water Resource Development Project is to increase recharge to the UFA in northeast Florida using excess flow from Black Creek. The project will divert up to 10 mgd from the South Fork of Black Creek during wet weather high flow periods. Diversions will only be made when there is sufficient flow available to ensure the protection of natural resources within the creek. The water will be pumped through a transmission system before eventually discharging into Alligator Creek. Alligator Creek flows into Lake Brooklyn, which will increase recharge to the UFA through the lake bottom.	Construction/Underway	2024	8.04	NA	\$100.00	\$5.00	\$2.90
2023_6	SJRWMD	Clay	Indirect Potable Reuse	Indirect Potable Reuse	CCUA	This project consists of an IPR Plant including recharge wells (1 mgd). Reclaimed water will be treated to potable standards, and used to directly recharge the UFA (IPR). This project is related to a demonstration project (Project No.2023_8).	Feasibility Review	2038	1.00	NA	\$2.25	\$1.16	\$4.73
2023_8	SJRWMD	Clay	Technology Evaluation	Mid-Clay WRF Potable Reuse Pilot Demonstration	CCUA	This is a pilot-scale potable reuse demonstration project. A reuse demonstration facility is being constructed at the Mid-Clay WRF. The technology train will be BAF/O3, and will not produce a brine or reject stream needing disposal. Instead, BAF/O3 will produce filter backwash that will go back through plant headworks. CCUA will use the facility to demonstrate the quality of water that can be produced (permitting driver), for operator training, and for public engagement. Related to Project No. 2023_6.	Construction/Underway	2024	NA	NA	\$4.54	\$0.90	NA
2023_39	SJRWMD	Duval	Indirect Potable Reuse	SWDE - Arlington East WRF Purification Facility	JEA	This project consists of a 6.0 mgd water purification facility (capacity conceptual, subject to change) and UFA Recharge Wells. Discharge will be used to replenish the aquifer. Related to Project No. 2023_33.	Design	2031	6.00	NA	\$284.00	\$0.02	\$8.33
2023_40	SJRWMD	Duval	Indirect Potable Reuse	SWDE - Southwest WRF Purification Facility	JEA	This project consists of a 8.0 mgd water purification facility (capacity conceptual, subject to change) and UFA Recharge Wells. Discharge will be used to replenish the aquifer.	Planning	2031	8.00	NA	\$300.00	\$0.03	\$6.60
2023_41	SJRWMD	Duval	Indirect Potable Reuse	SWDE - Cedar Bay Purification Facility	JEA	This project consists of a 2.4 mgd water purification facility (capacity conceptual, subject to change) and UFA Recharge Wells. Discharge will be used to replenish the aquifer.	Planning	2031	2.40	NA	\$202.00	\$0.01	\$14.80
2023_30	SJRWMD	Duval	Technology Evaluation	Water Purification Demonstration Facility (previously named Water Treatment Pilot/Demonstration Phase 1 and 2)	JEA	This project is a purified water pilot and demonstration project.	Construction/Underway	2025	1.00	NA	\$72.51	\$0.00	\$12.75
2023_49	SJRWMD	Duval	Technology Evaluation	JEA Ozone-Wetland Treatment Pilot Testing	JEA / SJRWMD / DEP	SJRWMD is collaborating with JEA and FDEP on a pilot study project utilizing water from JEA's Buckman wastewater treatment facility (WWTF) to evaluate the potential for future use of Buckman effluent for UFA recharge and/or alternative water supply. The Buckman wastewater influent contains wastewater discharges from a significant number of industrial customers. Prior to implementing a project for treating Buckman WWTF effluent as a supply for aquifer recharge, a pilot study is necessary to determine if pre-treatment with ozone is effective in breaking down industrial chemicals sufficiently to facilitate assimilation of the organic contaminants in the treatment wetland. The pilot study will be conducted over a two-year period following construction of the pilot wetland basins and appurtenant pilot components. A minimum of 6 months will be required to allow the wetland plants establish. Cost to design/permit/construct \$4.2M and 2.825 for monitoring/sampling/lab analysis/report. The project will begin design and permitting by October 1, 2023.	Design	2026	NA	NA	\$6.83	NA	NA
59	SRWMD	Alachua	Groundwater Recharge	Infiltrative Wetlands for WWTF Effluent Treatment Disposal	City of High Springs	Convert the City of High Springs existing sprayfield into infiltrative wetlands.	Construction/Underway	12/30/2024	0.48	NA	\$12.35	\$1.20	\$9.66
293	SRWMD	Alachua	Groundwater Recharge	Groundwater Recharge Wetland Phase 1 (Southwest Nature Park)	GRU	This project consists of Phase 1 of constructing a groundwater recharge wetland using RCW from Kanapaha WRF on 75-acre site. Related to Project No. 2023_20.	Design	2026	3.00	NA	\$12.00	\$0.20	\$0.90
304	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Data Collection and Evaluation	Alternative Water Supply Feasibility Studies	Local Governments, Water Authorities, Wastewater Treatment Facilities	Conduct AWTF analysis and feasibility studies including treatment wetlands and reclaimed water alternatives.	Construction/Underway	12/30/2024	0.00	NA	\$4.00	NA	NA
409	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Groundwater Recharge	Ecosystem Services	SRWMD	This project will focus on establishing a framework to implement silvicultural management practices on forested lands to benefit the NFRWSP and additional areas benefitting OFS. Reducing forest evapotranspiration (ET) will result in increased aquifer recharge (targeted to the UFA), spring flows, and water yield to nearby streams and wetlands.	Proposed	12/31/2045	9.00	NA	\$54.00	TBD	TBD

3034	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Groundwater Recharge	Upper Santa Fe Stormwater Capture Project	SRWMD	This project will evaluate methods to enhance the beneficial use of stormwater. A series of studies are underway to provide storage and recharge options to support LSFRB Recovery Strategy. Linked to conceptual projects 358, 359, 360, 361, 362, 364, 367, 372, 375, 378.	Proposed	12/31/2045	2.50	NA	\$35.00	TBD	TBD
365	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Stormwater	Dispersed Storage for Recharge and Alternative Water Supply	SRWMD	This project will evaluate methods to enhance the beneficial use of stormwater with a focus on retrofitting and enhancing stormwater management systems. This beneficial use could be in the form of enhanced recharge and/or implementation of storm ponds or other storage as an alternative water supply. The primary benefit will be capturing more stormwater as beneficial recharge and reducing runoff. In some cases, stormwater may also serve as an available water source for an alternative water supply. (Linked from results of 360).	Construction/Underway	6/30/2027	NA	3.00	\$2.10	TBD	TBD
139	SRWMD	Bradford	Groundwater Recharge	Brooks Sink Ph II	SRWMD	Redirect flow to a natural sink.	Proposed	12/31/2045	0.20	NA	\$0.50	\$0.05	\$0.05
2675	SRWMD	Columbia	Groundwater Recharge	Lake City Recharge wetland expansion	Lake City, City of	Convert the Steedly sprayfield to a created treatment wetland to reduce nutrients and provide recharge	Construction/Underway	12/31/2026	0.23	NA	\$6.10	\$0.03	\$2.92
1738	SRWMD	Columbia	Stormwater	Quail Heights Regional Pond	FDOT/Columbia County	Construction of a regional stormwater pond near I-75 and SR247 interchange to alleviate flooding and benefit Cannon Creek and the Ichetucknee Trace.	Construction/Underway	12/31/2025	0.03	NA	\$8.95	\$0.00	\$35.60
1739	SRWMD	Gilchrist County	Groundwater Recharge	Devil's Ear Spring Recharge Land Acquisition Project	FWC	Less-than-fee simple acquisition (conservation easement) of approximately 2,742 acres within the Devil's Ear Spring (OFS) PFA under the Santa Fe River Basin Management Action Plan. This property accounts for about 2% of the total acreage of the Devil's Complex PFA. Approximately 75% of the property is considered to have high recharge value with the remaining portion of the property being either medium-high or low-medium. The project consists of seven individual parcels in Gilchrist County owned by one individual and all required pre-acquisition costs to complete transactions. Currently the property is used for timber and once acquired the conservation easement will be monitored by FWC.	Design	7/31/2026	0.00	NA	\$5.26	TBD	TBD
255	SRWMD	Hamilton	Groundwater Recharge	Hamilton County Aquifer Recharge Replacement Wells and Water Quality Improvement	SRWMD	This project concept is to replace two 12-inch drainage wells to provide recharge to the UFA and flood protection in the Alapaha Basin. The wells would allow up to 2 MGD of natural aquifer recharge to the Upper Floridan aquifer and the potential for increased recharge contribution in the form of alternative water supplies from the City of Jasper and surrounding communities. Positive flows into the wells will provide a benefit to springs Along the Upper Suwannee River.	Proposed	12/31/2045	2.00	NA	\$0.70	\$0.00	\$0.05
Total									51.18	3.00	\$1,149.18	\$9.38	\$106.77

Table K3. Water Conservation Project Options

RWSP Project No.	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)
2023_22	SJRWMD	Alachua	PS and CII Conservation	Advanced Metering Infrastructure (AMI)	GRU	This project will replace existing meters with smart meters that can help detect leaks on the customers side of the meter, while also replacing service laterals that are made of polybutylene which are prone to leaking.	Construction/Underway	2024	1.00	NA	\$16.40	\$0.20	\$3.45
2023_23	SJRWMD	Alachua	PS and CII Conservation	Large meter replacement	GRU	This project will replace existing large meters with more accurate new meters. Greater accuracy will promote conservation.	Construction/Underway		0.09	NA	\$0.40	\$0.00	\$0.81
2023_24	SJRWMD	Alachua	PS and CII Conservation	Toilet/Indoor Plumbing Retrofit Phase 2	GRU	This project is Phase 2 of the Plumbing Retro-fit Program and will replace toilets, sink aerators, and shower heads with low flow units.	Design	2025	0.04	NA	\$0.11	\$0.00	\$0.43
2023_25	SJRWMD	Alachua	PS and CII Conservation	Toilet/Indoor Plumbing Retrofit Future Phases	GRU	This project is a future phase of the Plumbing Retro-fit Program and will replace toilets, sink aerators, and shower heads with low flow units	Proposed	2035	0.13	NA	\$0.32	\$0.00	\$0.43
2017_142	SJRWMD	Alachua	PS and CII Conservation	Future GRU Water Conservation Projects	GRU	This future project will implement cost effective projects that may include but are not limited to public education, advanced metering, indoor plumbing retrofit, commercial water efficiency programs and outdoor irrigation efficiency programs.	Feasibility Review	2035	0.80	NA	\$2.00	\$0.00	\$0.40
2023_16	SJRWMD	Clay	PS and CII Conservation	Advanced Metering with Customer Dashboard	CCUA	This project will provide customers with water savings tools by expanding the capabilities of its existing Advanced Metering Infrastructure to increase the savings realized through customer-side notifications of excessive or abnormal water use. Customers will be able to view water use in short term intervals, and the automated system will alert users the same day they occur. Customers can also gain insight into water use patterns and behaviors which can result in reductions in water use. The project is being performed in as part of a major ERP platform upgrade.	Construction/Underway	2024	0.45	NA	\$0.75	\$0.03	\$0.27
2023_18	SJRWMD	Clay	PS and CII Conservation	Customer DSM Programs (take midpoint or water prod)	CCUA	This project is a Demand Side Management Programs Composite in which CCUA has identified a number of demand side management programs that can reduce potable and reclaimed usage. These programs will be adding the DSM portfolio over the next decade. Costs and water savings from these programs occur over the entire life of the program. Programs may include single family high efficiency toilet rebates, high efficiency clothes washer rebates, commercial ice machine and restaurant pre-rinse spray valve rebates, smart irrigation controller rebates, and new development turf reduction ordinance.	Feasibility Review	2033	1.27	NA	\$1.59	\$0.00	\$0.37
2017_174	SJRWMD	St. Johns	PS and CII Conservation	Promote Cost-Effective Conservation Programs	SJCUD	This is an on-going project to reduce demands through conservation. Focus will include retrofits to indoor and outdoor fixtures, improving customer education, irrigation efficiency programs, and utilizing soil moisture sensing devices to reduce irrigation demands. Programs and projects will be evaluated using the H2O SAV tool.	Construction/Underway	2025	1.14	NA	\$3.80	TBD	\$0.62
2023_44	SJRWMD	St. Johns	PS and CII Conservation	NW Wellfield VFD addition	SJCUD	This project is part of the effort to optimize operation of the Northwest Well Field in accordance with SJCUD's Wellfield Optimization Plan. Phase I of this project will install VFD pump controls on new wells as part of the current expansion project. Phase II will retro-fit existing wells. Assumes a 20% supply benefit.	Construction/Underway	2025	1.55	NA	\$1.00	TBD	\$0.24
2680	SRWMD	Alachua	PS and CII Conservation	Archer Water System Improvements	Archer, City of	Replacement of aging infrastructure to reduce water loss in the NFRWSP area.	Planning	5/31/2027	0.00	NA	\$4.80	\$0.01	\$268.79
2671	SRWMD	Alachua	PS and CII Conservation	Reducing Impacts from Urban Landscapes	Alachua County EPD	Reduction of water use in landscape irrigation in the NFRWSP area.	Planning	8/1/2027	0.07	NA	\$0.45	\$0.01	\$1.46
2669	SRWMD	Alachua	PS and CII Conservation	DH/DHR water sharing	GRU	Reduce groundwater pumping by connecting a shared water system at the GRU power plants to conserve water	Construction/Underway	8/1/2030	0.20	NA	\$0.93	\$0.01	\$0.70
2672	SRWMD	Alachua	PS and CII Conservation	High Springs Limerock Mine	Alachua County	Acquire acreage in the NFRWSP area to support MFL recovery and preserve land use from development changes.	Construction/Underway	12/31/2026	0.01	NA	\$1.60	\$0.01	\$17.58
2760	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Agricultural Conservation	Agriculture Springs Protection	Producers	District wide Cost-share to reduce nutrient load and water usage in the BMAPs and WRCAs.	Construction/Underway	4/30/2027	6.00	NA	\$7.50	TBD	TBD
103	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Agricultural Conservation	Sustainable Suwannee Ag Pilot Program - Low Input*	FDEP	Pilot program for agricultural operations, landowners, counties and cities, private companies, and other entities within specific geographical areas to submit proposals to reduce water use and improve water quality by reducing and removing nutrients	Construction/Underway	6/30/2026	2.55	NA	\$2.50	TBD	TBD
228	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Agricultural Conservation	Accelerating Suwannee River Restoration and Silviculture Management	ACT; Rayonier Conservation Trust	Incentivize silviculture and rural land conservation to reduce groundwater pumping and nitrogen loading in the Middle Suwannee springshed.	Construction/Underway	9/30/2025	3.03	NA	\$2.38	TBD	TBD
305	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	PS and CII Conservation	Water Supply Infrastructure Improvements	Public Water Supply Entities	Includes replacement of aging infrastructure, distribution and safety improvements.	Proposed	7/31/2033	0.00	NA	\$4.00	\$0.04	NA
3033	SRWMD	Bradford	PS and CII Conservation	Hampton AMR water meter replacement	Hampton, City of	Installation of AMR meters to reduce water loss in the NFRWSP area.	Construction/Underway	12/30/2023	0.01	NA	\$0.18	\$0.00	\$28.97
2668	SRWMD	Bradford	PS and CII Conservation	Lawtey Water Main Replacement	Lawtey, City of	Replacement of aging infrastructure to reduce water loss in the NFRWSP area.	Planning	10/31/2026	0.02	NA	\$2.80	\$0.06	\$23.50
NA	SRWMD	Bradford	PS and CII Conservation	Waldo AMR water meter replacement	Waldo, City of	Installation of AMR meters to reduce water loss in the NFRWSP area.	Proposed	12/30/2025	0.01	NA	\$0.20	\$0.01	\$4.88
2093	SRWMD	Columbia	Agricultural Conservation	Graham Farm Acquisition	ACT	Acquire acreage in the NFRWSP area to support MFL recovery and preserve land use from development changes. Remove agricultural irrigation well.	Construction/Underway	12/31/2026	0.29	NA	\$1.80	\$0.01	\$1.99
2673	SRWMD	Gilchrist	Agricultural Conservation	Piedmont Dairy Conversion	Alliance Grazing Group, LLP	Conversion from grazing to free-stall barns to reduce nutrients and groundwater pumping	Construction/Underway	9/30/2025	0.45	NA	\$5.59	\$0.60	\$5.50

2967	SRWMD	Gilchrist	Agricultural Conservation	Smart Soakers	UF/IFAS	Reduce water usage through the use of Smart soaker for cattle cooling.	Planning	12/31/2026	0.04	NA	\$0.49	\$0.00	\$18.75
Total									19.13	0.00	\$61.57	\$0.97	\$379.14
									12.791		24.169		

Table K4. Conceptual Project Options

RWSP Project No.	District	County	Project Type	Project Name	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	Unit Cost (\$/1,000 gallons)
33	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Agricultural Conservation	Agricultural Efficiency Improvements	SRWMD/Producers	Implement water savings measures in the Eastern Planning Region.	Construction/Underway	12/31/2045	TBD	NA	TBD	TBD	TBD
2023_12	SJRWMD	Clay	Groundwater Recharge	Regional Recharge Partnership for Suwannee MFLs	CCUA	Regional recharge program for Suwannee MFLs	Conceptual	TBD	TBD	NA	TBD	TBD	TBD
217	SRWMD	Bradford	Groundwater Recharge	Rayonier South Water Supply Project	SRWMD	Restore natural flows with or without enhanced storage or aquifer recharge to UFA.	Proposed	12/31/2045	0.00	NA	\$3.50	TBD	TBD
142	SRWMD	Bradford	Groundwater Recharge	WestRidge	TBD	Restore natural flows with or without enhanced storage or aquifer recharge to UFA.	Proposed	12/31/2045	1.00	NA	\$2.79	TBD	TBD
240	SRWMD	Bradford	Groundwater Recharge	Bradford County Silviculture & Recharge	University of Florida	The purpose of this project is to enhance opportunities for aquifer recharge to UFA for the silvicultural lands and areas with surplus surface waters.	Conceptual	12/31/2045	TBD	NA	\$2.00	TBD	TBD
358	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Groundwater Recharge	Municipal Stormwater Discharge Project	SRWMD	The purpose of this project will be focused on identifying locations where towns/cities discharge to open subbasins that then discharge to the Santa Fe River.	Conceptual	12/31/2045	TBD	NA	\$0.04	TBD	TBD
359	SRWMD	Alachua	Groundwater Recharge	Open to Closed Basin Project	SRWMD	The purpose is to determine which basins, that are closed in smaller storm events, but are open in larger events, could be closed for the larger storm events such that the extra volume stored could be recharged into the aquifer through percolation.	Conceptual	12/31/2045	TBD	NA	\$0.06	TBD	TBD
360	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Groundwater Recharge	Retention Pond Project Phase I	SRWMD	The purpose of this Project will be to determine if existing retention ponds were modified to store more water, would they be able to still meet permitting criteria, on average, how much would it cost to modify them, how much water could be recharged, and if there were cost effective things that could be done to increase the amount of water percolating in ponds.	Conceptual	12/31/2045	TBD	NA	\$0.07	TBD	TBD
361	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Groundwater Recharge	Santa Fe Basin Sinkhole Recharge Evaluation	SRWMD	The purpose of these projects will be to find locations to place storage ponds to assist with increasing recharge to the groundwater or to be used as alternative water supply.	Conceptual	12/31/2045	TBD	NA	\$0.12	TBD	TBD
362	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Groundwater Recharge	City Stormwater Recharge Study Phase II	SRWMD	The purpose of this project will be focused on identifying locations where storage ponds could be located adjacent or within towns/cities that are in open subbasins that discharge to the Santa Fe River.	Conceptual	12/31/2045	TBD	NA	\$0.05	TBD	TBD
364	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Groundwater Recharge	LaCrosse Stormwater Recharge Project Investigation Phase II	SRWMD	The purpose is to evaluate the regulatory feasibility, estimated benefits, and project costs of increased recharge of stormwater in LaCrosse from capturing water from Rocky Creek.	Conceptual	12/31/2045	TBD	NA	\$0.08	TBD	TBD
366 linked to 409	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Groundwater Recharge	Ecosystem Services	University of Florida	This project will focus on establishing a framework to implement silvicultural management practices on forested lands to benefit the NFRWSP and additional areas benefitting OFS. Reducing forest evapotranspiration (ET) will result in increased aquifer recharge (targeted to the UFA), spring flows, and water yield to nearby streams and wetlands. (linked to project 409)	Conceptual	12/31/2037	TBD	NA	\$2.00	TBD	TBD
367	SRWMD	Bradford	Groundwater Recharge	Starke-Bradford Master Plan Project	SRWMD	The purpose of this project will be focused on identifying locations where projects can be undertaken within the City of Starke or in Bradford County to enhance core missions of the District .	Conceptual	12/31/2045	TBD	NA	\$0.08	TBD	TBD
372	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Groundwater Recharge	Retention Pond Project Phase II	SRWMD	The purpose of this Project will be to determine if increasing the amount of stormwater stored in retention ponds will have an adverse impact on groundwater, downstream wetlands, water levels and/or Minimum Flows at nearby gauges.	Conceptual	12/31/2045	TBD	NA	\$0.20	TBD	TBD
374	SRWMD	Hamilton	Groundwater Recharge	Cooperative Aquifer Recharge Project	Agricultural Chemicals	The purpose of this project is to identify UFA recharge locations based on water quality and water availability metrics.	Conceptual	12/31/2045	TBD	NA	TBD	TBD	TBD
375	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Groundwater Recharge	Santa Fe River Basin and Stream Storage Investigative Project	SRWMD	The purpose is to identify and prioritize potential pond sites within open subbasins in the Lower Santa Fe and Ichetucknee (LSFI) basin watersheds that can be used to hold additional stormwater and will percolate the excess water to recharge groundwater levels.	Conceptual	12/31/2045	TBD	NA	\$0.09	TBD	TBD
378	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Groundwater Recharge	Cow Creek Project	SRWMD	The purpose of this project will be to develop projects that provide storage and recharge to the groundwater that build off results from the Open to Closed Basin Project (0359) and the Santa Fe Basin Sinkhole Recharge Evaluation (0361).	Conceptual	12/31/2045	TBD	NA	TBD	TBD	TBD
194	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	PS and CII Conservation	SRWMD PS/CII Conservation Potential	SRWMD	Water conservation to be achieved through the replacement of inefficient fixtures with high efficiency fixtures to reduce commercial water consumption.	Proposed	12/31/2045	TBD	NA	TBD	TBD	TBD
2023_1	SJRWMD	Duval	PS and CII Conservation	Water Conservation Education Program	Atlantic Beach	Working with the City's Environmental Stewardship Committee and with technical assistance from SJRWMD staff, the City of Atlantic Beach Public Utilities Department will implement a voluntary water use bench-marking program and educational outreach program with the goal of reducing per capita water use within the City by 15%.	Conceptual	TBD	0.35	NA	TBD	TBD	NA
Total									1.35	0.00	\$11.07	\$0.00	\$0.00