

Project Appendix A

Table A1: LSFIR Regional Project Options

Project Priority ¹	Project No.	Project Name	Implementing Agency	Project Description	Project Status	Estimated Completion Date	Estimated Volume (mgd)	Change in flow at Hwy 27 (cfs)	Change in flow at Hwy 441 (cfs)	Funding Source	Total Capital Cost (\$million)	Estimated Annual O&M (\$million)
A	2025_1	Water First North Florida	Partners	Reclaimed water from JEA facilities will be further treated through wetlands before transport to strategically located aquifer recharge sites.	Planning	2045	40	14	17	TBD	\$1,100	\$16
A	2017_21	Black Creek WRD Project	SJRWMD/JEA, CCUA, SJCUD, GRU and other local cooperators	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	2025	8.0	0.1	0.5	Funded	\$119	\$5
A	2760, 228, 458	Agricultural Water Conservation	SRWMD	District-wide cost-share to reduce nutrient load and water usage in the BMAPs and WRCAs; incentivize silviculture and rural land conservation to reduce groundwater pumping and nitrogen loading in the Middle Suwannee springshed.	Planning	2045	8.0	0.6	1.2	TBD	\$14	TBD
B	2025_2	FWS Silver Plus Implementation ²	Public Water Supply Entities	Requiring FWS Silver Plus criteria on all new single-family homes on potable water with in-ground irrigation systems from 2030 to 2045.	Conceptual	2030	17	0.4	1.5	TBD	\$0.97	\$0
Total							73	15.1	20.2		\$1,233.97	\$21

¹A= Project is being implemented or planned for implementation; B=Project will be considered in whole or part for implementation

² Average estimated administrative cost for implementing a Florida Water Star (FWS) Silver Plus program by utility condition-of-service or local government ordinance in the Partnership area can be up to \$0.97 million. FWS Silver Plus will result in an overall savings of \$1,171 per home in construction costs when compared to traditional home construction costs.