

# SRWMD North Florida Regional Water Supply Plan (NFRWSP) list for Cost-share

Project Type	Waterbody Benefited	Project ID	Project Name	Project Description	Lead Entity	Project Status	Source	Water at Completion (MGD)	Reuse at Completion (MGD)	Year First Added to RWSP/RPS
MFL Supported <b>Conservation</b>										
None		127	Repair/replace leaking infrastructure	The City of Archer water conservation project involves replacing leaking pipes service connections estimated to reduce water loss by 0.001 MGD	Archer (Holy Hills), City of	Cancelled	Appendix M	0.00		2017
Lower Suwannee River	Ichetucknee River	56	I-75/CR-136 Wastewater Improvements, Septic Elimination	Construct a new WWTP plant with wetland treatment/aquifer recharge for effluent disposal, eliminating 32 existing commercial septic tanks.	Suwannee County	Design	NFRWSP Ch. 7	0.10		2017
LSFI	Ichetucknee River, Santa Fe River	26	Columbia County Water Conservation Initiative	The Columbia County Water Conservation Project will provide local businesses, such as hotels/motels or office buildings, and multi-family residential units with ultra-high efficiency technology (UHET) indoor plumbing retrofit packages. Retrofitting toilets and faucet aerators with high efficiency fixtures will save water that would otherwise be wasted. This project is estimated to conserve 0.5 mgd.	Columbia County	Design	Appendix M	0.05		2017
LSFI	Santa Fe River	98	Starke Fire Hydrant Replacement Project	The Starke Fire Hydrant Replacement project will reduce unaccounted for water loss throughout the City, which is currently estimated at 24%. This project will replace fire hydrants that are non-functional, broken, leaking, inaccessible, and/or difficult to use. It is estimated that replacement of these hydrants will reduce water loss by 0.0056 mgd.	Starke, City of	Construction	NFRWSP Ch. 7	0.01		2017
LSFI	Santa Fe River	24	Repair/replace leaking infrastructure	The City of Newberry water conservation project will reduce leakage in a water resource caution area, conserving 0.04 MGD of unaccounted water.	Newberry, City of	Complete	Appendix M	0.04		2017
LSFI	Santa Fe River	17	City of Alachua Water Conservation RIVER cost-share Project	Reduce leakage in water resource caution area	Alachua, City of	Complete	LSFI RPS Table A4	0.05		2017
LSFI	Santa Fe River	51	Repair/replace leaking infrastructure	The City of High Springs water conservation project is to replace old leaking water mains in various parts of the City which will conserve 0.010 MGD of potable water.	High Springs, City of	Complete	Appendix M	0.01		2017
LSFI	Santa Fe River	186	City of Alachua Public Supply Conservation	Water conservation to be achieved through the replacement of inefficient fixtures with high efficiency fixtures and appliances to reduce domestic water consumption.	Alachua, City of	RWSP or RPS Option Only	LSFI RPS Table A3	0.11		2017
LSFI	Santa Fe River	20	City of High Springs Water Conservation RIVER cost-share project	Reduce leakage in water resource caution area	High Springs, City of	Complete	LSFI RPS Table A4	0.02		2017

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LSFI	Santa Fe River	188	High Springs Public Supply Conservation	Water conservation to be achieved through the replacement of inefficient fixtures with high efficiency fixtures and appliances to reduce domestic water consumption.	High Springs, City of	RWSP or RPS Option Only	LSFI RPS Table A3	0.04		2017
LSFI	Santa Fe River	19	City of Hampton Water Supply Improvement Project	The City of Hampton Water Supply Improvement and Conservation project will increase water conservation, improve water service quality and reliability, and improve fire protection. The project includes water meter replacements, installation of isolation valves, water storage tank repair, improved access to fire hydrants, and if funds are available, water main relocation. Meter improvements will conserve approximately 60 gallons per day. This project is estimated to be completed mid-2018.	Hampton, City of	Construction	Appendix M	0.00		2017
LSFI	Santa Fe River, Ichetucknee River	132	Santa Fe Springs - Nursery Water Conservation (Task 4 S0796)	Assist nurseries in the conversion of overhead irrigation to micro spray or drip irrigation systems to reduce groundwater use	Suwannee River Partnership, Alachua County, Producers	RWSP or RPS Option Only	LSFI RPS Table A2	0.00		2017
LSFI	Santa Fe River, Ichetucknee River	191	Live Oak Public Supply Conservation	Water conservation to be achieved through the replacement of inefficient fixtures with high efficiency fixtures and appliances to reduce domestic water consumption.	Live Oak, City of	RWSP or RPS Option Only	LSFI RPS Table A3	0.10		2017
LSFI	Santa Fe River, Ichetucknee River	88	Potable Water and Central Wastewater System Improvements (Newberry)	Replace existing water and wastewater lines to a community within close proximity to the City of Newberry's historic district. Conserve water by eliminating losses in broken pipes.	Newberry, City of	Construction	Table A3	0.00		NA
LSFI	Santa Fe River, Ichetucknee River	189	Lake Butler Public Supply Conservation	Water conservation to be achieved through the replacement of inefficient fixtures with high efficiency fixtures and appliances to reduce domestic water consumption.	Lake Butler, City of	RWSP or RPS Option Only	LSFI RPS Table A3	0.03		2017
LSFI	Santa Fe River, Ichetucknee River	177	Agricultural Water Conservation Potential: Efficiency Improvements (Plant Nurseries)	Implementation of efficiency improvements to existing irrigation systems. This reduces overall consumption.	Alachua, Bradford, Columbia, Gilchrist, Union, and Suwannee counties	RWSP or RPS Option Only	LSFI RPS Table A2	1.10	0.00	2017
LSFI	Santa Fe River, Ichetucknee River	176	Agricultural Water Conservation Potential: Efficiency Improvements ("Farms" – Row crops, irrigated pasture, fruit crops, etc.)	Implementation of efficiency improvements to existing irrigation systems. This reduces overall consumption.	Alachua, Bradford, Columbia, Gilchrist, Union, and Suwannee counties	Construction	LSFI RPS Table A2	4.30	0.00	2017

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MFL Supported <b>Conservation</b>										
LSFI	Santa Fe River, Ichetucknee River	192	Newberry Public Supply Conservation	Water conservation to be achieved through the replacement of inefficient fixtures with high efficiency fixtures and appliances to reduce domestic water consumption.	Newberry, City of	RWSP or RPS Option Only	LSFI RPS Table A3	0.05		2017
LSFI	Santa Fe River, Ichetucknee River	193	Starke Public Supply Conservation	Water conservation to be achieved through the replacement of inefficient fixtures with high efficiency fixtures and appliances to reduce domestic water consumption.	Starke, City of	RWSP or RPS Option Only	LSFI RPS Table A3	0.08		2017
LSFI	Santa Fe River, Ichetucknee River	194	SRWMD CII Conservation Potential	Water conservation to be achieved through the replacement of inefficient fixtures with high efficiency fixtures to reduce commercial water consumption.	Columbia County	RWSP or RPS Option Only	LSFI RPS Table A3			2017
LSFI	Santa Fe River, Ichetucknee River	195	Water-wise Florida Landscape - Inground: Alachua County	Encourage local municipalities & governments to enact ordinances that promote Florida friendly landscaping to reduce irrigation demands.	Alachua County	RWSP or RPS Option Only	LSFI RPS Table A3	1.90		2017
LSFI	Santa Fe River, Ichetucknee River	196	Targeted Residential Water Conservation BMPs: LDR Modifications - Alachua County	Through the promotion and adoption of low impact development practices with local municipalities and governments this approach can lessen the impact of water demands in future growth.	Alachua County	RWSP or RPS Option Only	LSFI RPS Table A3	1.80		2017
LSFI	Santa Fe River, Ichetucknee River	179	Agricultural Water Conservation Potential: Phase II Irrigation Improvements (Plant Nurseries)	Implementation of efficiency improvements to existing irrigation systems. This reduces overall consumption.	Alachua, Bradford, Columbia, Gilchrist, Union, and Suwannee counties	RWSP or RPS Option Only	LSFI RPS Table A2	1.30	0.00	2017
LSFI	Santa Fe River, Ichetucknee River	178	Agricultural Water Conservation Potential: Phase II Irrigation Improvements ("Farms" -Row crops, irrigated pasture, fruit crops, etc.)	Implementation of efficiency improvements to existing irrigation systems. This reduces overall consumption.	Alachua, Bradford, Columbia, Gilchrist, Union, and Suwannee counties	Construction	LSFI RPS Table A2	1.70	0.00	2017
LSFI	Santa Fe River, Ichetucknee River	190	Lake City Public Supply Conservation	Water conservation to be achieved through the replacement of inefficient fixtures with high efficiency fixtures and appliances to reduce domestic water consumption.	Lake City, City of	RWSP or RPS Option Only	LSFI RPS Table A3	0.32		2017

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LSFI	UFA - Alachua County	59	Infiltrative Wetlands for WWTF Effluent Treatment / Disposal (Phase 1)	Project will involve the conversion of the City of High Spring's existing effluent sprayfield into infiltration wetlands. Initial phase of the project would involve the design and permitting of approximately 20 acres (10 lined, 10 unlined) of infiltrative wetlands having a total treatment/disposal capacity of 0.48 MGD. Only 10 acres would be constructed in Phase 1 which would provide sufficient capacity for the City's current wastewater treatment capacity of 0.24 MGD. Phase 2 would be constructed concurrently with the planned expansion of the City's WWTF to 0.48 MGD. The project is located within the Santa BMAP area.	High Springs, City of	Design	NFRWSP Ch. 7	0.24		2017
Levy Blue / Wacasassa River	UFA - Alachua County	110	University Oaks Water System - Phase 3	Replacement of approximately 2,350 LF of 6" watermain that will provide service to 15 customers within a subdivision 3 miles northeast of Bronson. This is phase 3 of a multi-phase project; phases 1 and 2 were funded through a single District RIVER Cost-Share grant in the 2015 cycle. This project is estimated to conserve .019 mgd. This project was recently funded through the District's RIVER cost-share program in August 2017.	Levy County	Design	Appendix M	0.02		2017
LSFI	UFA - Bradford County	117	Water Supply Booster Pump Station Replacement	Replacement of a failing potable water booster pumping station, ensuring the City of Hampton can provide sufficient flow during a fire event that would potentially create high demand within the system. These improvements are also expected to reduce maintenance and operations costs by 30% and cut utility costs by more than 50%.	Hampton, City of	Design	NFRWSP Ch. 7			2017
None	UFA - Bradford County	149	Automated Meter Reading	This project will install existing standard water meters with automated meter readers (AMR).	Starke, City of	RWSP or RPS Option Only	Appendix M	0.08		2017
LSFI	UFA - Columbia County	187	Archer Public Supply Conservation	Water conservation to be achieved through the replacement of inefficient fixtures with high efficiency fixtures and appliances to reduce domestic water consumption.	Archer, City of	RWSP or RPS Option Only	LSFI RPS Table A3	0.03		2017
LSFI	UFA - Columbia County	150	Decentralization of Boilers	This project will replace the existing steam system with a campus-wide decentralized system utilizing high efficiency boilers producing no steam and condensation eliminating water use.	Florida Gateway College	RWSP or RPS Option Only	Appendix M	0.00		2017
LSFI	UFA - Columbia County	200	Columbia County Water Initiative	Replace existing "high flow" toilets with ultra-low flow toilets. Also replace shower heads and sink aerators with high efficiency units.	SRWMD	Cancelled	Appendix M	0.06		2017
LSFI	UFA - Columbia County	25	Columbia County Jail Indoor Retrofit	Replace existing "high flow" toilets with ultra-low flow toilets. Also replace shower heads and sink aerators with high efficiency units.	SRWMD	Cancelled	Appendix M	0.02		2017

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LSFI	UFA - Columbia County	27	Upgrade infrastructure to reduce losses	The Columbia County water conservation project is to construct a water main extension which will reduce the flushing required at the Ellisville water treatment plant by 0.03 MGD.	Columbia County	Complete	Appendix M	0.03		2017
LSFI	UFA - Columbia County	63	Lake City Plumbing Retrofit (Task 1)	The Lake City Public and Staff Restrooms Retrofit Project will upgrade 51 toilets from 1.6 gallons per flush (GPF) systems to 0.8 GPF systems and upgrade 103 - 2.2 gallons per minute (GPM) manual faucets to 1.0 GPM motion detection faucets. The goal of this project is to reduce the water usage of the City's 221 restroom plumbing fixtures by 28%.	Lake City, City of	Construction	Appendix M	0.00		2017
LSFI	UFA - Columbia County, Ichetucknee River	43	Florida Gateway College Cooling Tower Retrofit	This project will replace the college's aging cooling towers with retrofitted cooling towers that will use surface water from a local pond instead of potable water from the aquifer.	Florida Gateway College	Design	Appendix M	0.09		2017
All	UFA - Districtwide	160	Agriculture Water Conservation (aka Ag Cost Share Funds)	Assess and implement water conservation BMPs as part of agricultural cost-share program. The cost and savings are the total for the following counties: Gilchrist and Suwannee.	SRWMD/Cooperators	Construction	Appendix M	0.79		2017
All	UFA - Districtwide	157	Agriculture Water Conservation (aka Ag Cost Share Funds)	Assess and implement water conservation BMPs as part of agricultural cost-share program. The cost and savings are the total for the following counties: Alachua, Columbia, Gilchrist, Hamilton, and Suwannee.	SRWMD/Cooperators	Construction	Appendix M	2.01		2017
All	UFA - Districtwide	158	Agriculture Water Conservation (aka Ag Cost Share Funds)	Assess and implement water conservation BMPs as part of agricultural cost-share program. The cost and savings are the total for the following counties: Alachua, Gilchrist, Hamilton, and Suwannee.	SRWMD/Cooperators	Construction	Appendix M	0.46		2017
All	UFA - Districtwide	159	Agriculture Water Conservation (aka Ag Cost Share Funds)	Assess and implement water conservation BMPs as part of agricultural cost-share program. The cost and savings are the total for the following counties: Gilchrist and Suwannee.	SRWMD/Cooperators	Construction	Appendix M	1.13		2017
Lower Suwannee River	UFA - Dixie County	32	Cross City Hydrant and Water Main Replacement	Replacement of 7 hydrants and 10 isolation valves within Town's distribution network; installation of a 1450 feet of 6" water main, replacing lines that have had recent breaks.	Dixie County	Design	Outside of region	0.00		NA
None	UFA - Hamilton County	96	Upgrade infrastructure to reduce losses	The Hamilton County water conservation project is to install variable frequency drive controllers at the water treatment plant which will reduce the flushing required by 0.04 MGD.	Hamilton County	Complete	Appendix M	0.04		2017
None	UFA - Hamilton County	21	Repair/replace leaking infrastructure	The City of Jasper water conservation project is to replace 26 leaking fire hydrants in a water resource caution area. This project is expected to conserve approximately 0.04 MGD.	Jasper, City of	Complete	Appendix M	0.04		2017

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LSFI	UFA - Hamilton County	67	Leaky Fire Hydrant and Water Main Replacements	The City of Jasper has numerous old and non-operational fire hydrants. Several fire hydrants are also located near a dead end water main, requiring quarterly system flushing. This project will conserve water through replacement of 11 leaky fire hydrants and looping water lines to reduce flushing. This project is estimated to preserve .011 mgd. This project was funded through the District's RIVER cost-share program in August 2017.	Jasper, City of	Design	Appendix M	0.01		2017
None	UFA - Levy County	109	Repair/replace leaking infrastructure	Levy County water conservation project involves replacing leaking pipes and service connections estimated to reduce water loss by 0.003 MGD	Levy County (University Oaks Water System)	Complete	Appendix M	0.00		2017
None	UFA - Madison County	23	Repair/replace leaking infrastructure	The City of Madison (Barrsfield) water conservation project is to replace a 12-inch check valve which will reduce Madison's water loss by 0.03 MGD.	Madison (Barrsfield), City of	Complete	Appendix M	0.03		2017
None	UFA - Madison County	199	Repair/replace leaking infrastructure	The City of Madison (Solenoid) water conservation project is to install two solenoid valves which will reduce Madison's water loss by 0.01 MGD.	Madison (Solenoid), City of	Complete	Appendix M	0.01		2017
LSFI / Lower Suwannee River	UFA - Suwannee Co, Gilchrist Co, Columbia Co	89	Precision Agriculture	The project will provide cost share funds to agricultural producers within the District BMAP areas to implement precision management technology. Additional priority will be given to producers within both the BMAP and Florida Outstanding Springs areas. The project will assist producers implement practices that allow for precision nutrient and irrigation management. This project is anticipated to reduce TN by 7,500,000 pounds per year and conserve 8 mgd.	Local Producers	Construction	NFRWSP Ch. 7	8.00		2017
LSFI	UFA - Suwannee Co, Gilchrist Co, Columbia Co	6	Dairy Wastewater Conservation & Nutrient Optimization Project (ACS)	The Dairy Wastewater Water Conservation & Nutrient Optimization Project will improve the management of dairy wastewater by increasing storage pond sizes to achieve greater nutrient uptake and irrigation efficiencies. By having additional storage in wastewater storage ponds, dairies can more effectively manage effluent irrigation. This project is estimated to reduce nutrient loadings by 62,000 pounds annually and increase irrigation efficiency by saving an estimated 0.3 mgd, benefitting springs within Upper and Lower Santa Fe Basins and Middle and Lower Suwannee.	Local Producers	Construction	NFRWSP Ch. 7	0.30		2017

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MFL Supported <b>Conservation</b>										
LSFI	UFA - Suwannee Co, Gilchrist Co, Columbia Co	7	Improved Nutrient Application Practices in Dairy Operations (Phase 2) (ACS)	The Improved Nutrient Application Practices in Dairy Operations project will assist dairy operations in reducing nutrient leaching by an estimated 34,000 pounds annually while saving an estimated 0.32 mgd. Within the District, most dairies use overhead impact sprinklers on center pivots to apply their effluent. The project will enable the dairies to retrofit their irrigation systems from overhead impact sprinklers to drop nozzles and therefore, apply wastewater more uniformly over their crops.	Local Producers	Construction	NFRWSP Ch. 7	0.32		2017
LSFI	UFA - Suwannee Co, Gilchrist Co, Columbia Co	8	Dairy Wastewater System Improvement	The project will provide cost share funds to dairies throughout the Middle Suwannee and Lower Santa Fe watershed to improve their wastewater systems. Improvements could include additional wastewater storage, advance manure solids separation, and/or advanced treatment technologies. The project will result in approximately 10,000 pounds of nutrient reductions each year in addition to conserving approximately 0.14 mgd. The project will benefit the springs along the Middle Suwannee and Lower Santa Fe river basins.	Local Producers	Construction	NFRWSP Ch. 7	0.14		2017
LSFI, Lower Suwannee River	UFA - Suwannee Co, Gilchrist Co, Columbia Co	5	Suwannee BMAP Center Pivot Retrofits Water Conservation Project	The Suwannee BMAP Center Pivot Retrofits Water Conservation Project will assist agricultural operations in retrofitting approximately 120 center pivot irrigation systems to make them more efficient. Increasing the efficiency of center pivots allows agriculture operations to use less water when irrigating crops. A 5.26 mgd reduction is estimated in the withdrawal from center pivot irrigation use due to cost share retrofits along the Middle and Lower Suwannee River on the groundwater discharge to rivers and springs in the District.	Local Producers	Construction	NFRWSP Ch. 7	5.26		NA
LSFI / Lower Suwannee River	UFA - Suwannee Co, Gilchrist Co, Columbia Co	103	Sustainable Suwannee Pilot Program - Low Input Agriculture and Land Conservation	The Sustainable Suwannee Pilot Program will incentivize land uses that conserve water and reduce nutrient loading. Agricultural operations within specific springsheds will be invited to submit proposals to transition to less intensive cropping systems, change the type of cropping system or agriculture crop altogether, including changes to silviculture, or change the land use to a fallow or native landscape for a certain amount of time or even a permanent conservation easement. The project is anticipated to reduce nutrients by 375,000 pounds per year and conserve approximately 5.10 mgd of water.	Local Producers	Design	NFRWSP Ch. 7	5.10		2017

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<b>Conservation</b>										
None	Upper Santa Fe River	144	Lawtey Water Main Replacement	Replacement of the cities water distribution system. Reduction of leaks will conserve water.	SRWMD	RWSP or RPS Option Only	Appendix M	0.01		2017
None	Upper Santa Fe River	148	Outdoor Plumbing Retrofit	This project will provide a new irrigation system with a smart irrigation controller and drought tolerant landscape materials.	Santa Fe College Andrews Center Main Campus	RWSP or RPS Option Only	Appendix M	0.00		2017
None	Upper Santa Fe River	147	Automated Meter Reading	This project will install existing standard water meters with automated meter readers (AMR).	Hampton, City of	RWSP or RPS Option Only	Appendix M	0.01		2017
None	Upper Santa Fe River	146	Upper Santa Fe Basin Freeze Protection Conservation Program	This project will provide cost share funding to implement up to 5 acres of freeze protection high tunnels to significantly reduce freeze protection water demands in fresh blueberry operations. This will significantly reduce groundwater use for freeze protection and runoff potential.	SRWMD	Cancelled	Appendix M	0.10		2017
None	Upper Santa Fe River	145	Upper Santa Fe Basin Cypress Creek Wastewater Reuse System	Installation of an advanced wastewater treatment and reuse system in an existing livestock/aquaculture operation to eliminate a surface water discharge to the Upper Santa Fe Basin and provide nutrient treatment for recirculated water.	SRWMD	RWSP or RPS Option Only	Appendix M	0.10		2017
None	Upper Santa Fe River	47	Repair/replace leaking infrastructure	The Town of Hampton water conservation project is to repair the 64,000 gallon ground storage tank which supplies clean water to its 179 residents. This project is expected to conserve 0.01 MGD through reduced flushing.	Hampton, City of	Complete	Appendix M	0.01		2017
<b>Data Collection and Evaluation</b>										
None	Multiple Springs	164	Springs Protection	Springs Protection; District's springs protection initiative involves a multifaceted approach consisting of establishing minimum flows and levels (MFLs), water quantity and quality monitoring, and spring enhancement projects.	SRWMD	Complete				NA
None	Multiple Springs	163	Springs Protection	Springs Protection; District's springs protection initiative involves a multifaceted approach consisting of establishing minimum flows and levels (MFLs), water quantity and quality monitoring, and spring enhancement projects.	SRWMD	Complete				NA
None	Multiple Springs	165	Springs Protection	Springs Protection; District's springs protection initiative involves a multifaceted approach consisting of establishing minimum flows and levels (MFLs), water quantity and quality monitoring, and spring enhancement projects.	SRWMD	Complete				NA

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<b>Data Collection and Evaluation</b>										
None	Multiple Springs	166	Springs Protection	Springs Protection; District's springs protection initiative involves a multifaceted approach consisting of establishing minimum flows and levels (MFLs), water quantity and quality monitoring, and spring enhancement projects.	SRWMD	Complete				NA
<b>Flood Control Works</b>										
LSFI	Santa Fe River, Ichetucknee River	143	Bradford County Rayonier South Flood Control and Water Resource Development Project (aka Rayonier South WRD Area)	Restore natural flows, with or without aquifer recharge wells.	Bradford County	RWSP or RPS Option Only	Appendix L	2.00	0.00	2017
LSFI	Santa Fe River, Ichetucknee River	142	Bradford Timberlands Flood Control and Water Resource Development Project (aka West Ridge WRD Area)	Restore natural flows, with or without aquifer recharge wells.	Bradford County	RWSP or RPS Option Only	Appendix J	0.90	0.00	2017
LSFI	UFA - Columbia County; Santa Fe River, Ichetucknee River	137	Lake Harris Aquifer Recharge Project	Lake Harris had five existing 6 or 8 inch drainage wells that became plugged and were nonfunctional leading to flooding during high storm events. In 2004 a 16-inch replacement well was drilled however additional capacity was required and this project provided a second 16-inch well. Both new wells provide additional aquifer recharge and alleviate flooding. Old wells were abandoned. Upper Floridian Aquifer (UFA)	Lake City, Columbia County	Complete	Appendix J	1.12	0.00	2017
<b>Groundwater Recharge (not including ASR)</b>										
LSFI	Ichetucknee River	134	Ichetucknee Trace - Clay Hole Creek / Alligator Lake Aquifer Recharge and Stormwater Mitigation	Construct recharge wells to capture stormwater runoff from Price and Alligator Creek basins.	Columbia County, FDEP	Construction	Appendix J	4.00		2017
LSFI	Santa Fe River	180	Bradford County Dispersed Water Storage and Aquifer Recharge Projects	Program will evaluate wetland and floodplain dispersed storage in the Santa Fe basin to augment dry season streamflows	Bradford County	RWSP or RPS Option Only	LSFI RPS Table A2	1.50	0.00	2017
LSFI	Santa Fe River, Ichetucknee River	185	Future Water Resource Development Concepts	Potential project development to increase aquifer recharge and resources	SRWMD	RWSP or RPS Option Only	LSFI RPS Table A2	4.00	0.00	2017
Lower Suwannee	Suwannee	74	Lower Suwannee Drainage Basin Aquifer Recharge Project	Eliminating ditched stormwater runoff and re-establishing flow patterns from the drainage basin to rehydrate lakes and wetlands for natural recharge.	Dixie County, FDEP, SRWMD	Construction	Appendix J	3.26		2017

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<b>Groundwater Recharge (not including ASR)</b>										
Lower Suwannee River	Suwannee	78	Middle Suwannee Springs Restoration Project: Mallory Swamp Improvements - Phase II	hydrologic restoration activities on the property to rehydrate roughly 1,500 acres of ponds, 4,000 acres of wetlands and recharge the aquifer up to an estimated 10 million gallons per day.	Dixie County, Lafayette County, FFWCC, Hurst Family, Land Timber and Cattle LLC, Campbell Global	Construction	Appendix J	10.00		2017
Lower Suwannee	Suwannee	28	Cow Pond Drainage Basin Aquifer Recharge Project	Eliminating ditched stormwater runoff and re-establishing flow patterns from the drainage basin to recharge wells and rehydrate lakes and wetlands for natural recharge.	Dixie County, FDEP, SRWMD	Design	Appendix J	1.69		2017
LSFI	UFA - Bradford County	139	Brooks Sink Phase 2	Brooks Sink, located in Bradford County, is known as one of the largest cover collapse sink holes in Florida and directly connects to the UFA. In the 1970s, previous landowners excavated a series of ditches to drain the wetlands and divert the natural flow of water away from Brooks Sink. In 2015, the District, partnering with Rayonier Operating Company, LLC, completed the first phase of the Brooks Sink Project, which involved installing a flashboard riser in the main ditch to diver the water back to the sinkhole. Phase 2 proposes the acquisition of an additional 1,020 acres, for a total project area of 2,020 acres, on which flows would be redirected to the natural sink for additional recharge. This project is currently unfunded.	SRWMD	RWSP or RPS Option Only	Appendix J	0.60		2017
LSFI	UFA - Bradford County	15	Brooks Sink Phase 1	Restore natural hydrologic connection to Brooks sink	SRWMD	Complete		0.22		NA
LSFI	UFA - Bradford County	141	Lake Sampson Basin Drainage (Not Funded)	This project would replace abandoned drainage wells with two new wells that will both provide aquifer recharge in the Lake Sampson Basin. Flow into the well(s) will be monitored via telemetry using a flume and water levels. This project is estimated to provide 2 mgd. This project is currently unfunded.	SRWMD/Bradford County	RWSP or RPS Option Only	NFRWSP Ch. 7	2.00		2017
Lower Suwannee River	UFA - Columbia County	111	Upper Suwannee River Regional Aquifer Recharge	Installation of at least four recharge wells in the Upper Suwannee River basin in locations where wetlands were historically ditched and drained into the river. This project intends to capture water during high flow conditions that occur after large rainfall events and during the winter months, provide additional water quality treatment, and provide significant beneficial aquifer recharge to the Upper Floridan. Recharge is estimated at 4 mgd. This project was funded through a FDEP FY18 springs grant in	SRWMD	Design	Appendix L	4.00		2017

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<b>Groundwater Recharge (not including ASR)</b>										
Lower Suwannee River	UFA - Columbia County	94	Scriven Avenue Drainage Improvements	Replacement of a Class V injection well in the City of Live Oak. Existing well will be properly abandoned and new well will be constructed of the same diameter, casing depth, and total depth. Suwannee BMAP.	Live Oak, City of	Design	NFRWSP Ch. 7	0.03		2017
Upper Suwannee	UFA - Columbia County	138	Falling Creek	This project involves a maximum daily capacity from the Upper Suwannee River to Falling Creek Falls, recharging the aquifer.	SRWMD	RWSP or RPS Option Only	Appendix J	10.00		2017
Withlacoochee	UFA - Madison County, Madison Blue Springs	75	Madison Blue Spring Aquifer Recharge	Four existing drainage wells will be rehabilitated or replaced to improve recharge rates.	SRWMD	Design	Appendix J	3.40		2017
<b>Other Project Types</b>										
LSFI	Santa Fe River	114	City of Waldo Water Meter Replacement	Replacement of 543 lead free water meters to improve accuracy and water quality. Meters have a 30 day rolling data log for enhanced customer information and water conservation awareness.	Waldo, City of	Complete	LSFI RPS Table A4	0.01		2017
LSFI	Santa Fe River, Ichetucknee River	182	Optimization of Regional Water Balance through Modified Silviculture Practices (Pilot Scale)	Water use reduction to be achieved using changes in silviculture	Alachua, Gilchrist, Columbia, Suwannee, Bradford, Union Counties	RWSP or RPS Option Only	LSFI RPS Table A2	6.00	0.00	2017
<b>Reclaimed Water</b>										
LSFI	Ichetucknee River	58	Lake City Sprayfield Treatment Wetlands Project (aka Ichetucknee Water Quality Improvements)	A sprayfield will be converted into wetlands that will provide additional treatment to reduce nitrogen and recharge to the aquifer.	Lake City, City of, SRWMD	Complete	Appendix J	1.19		2017
LSFI	Santa Fe River	126	City of Archer Wastewater Collection, Treatment & Reuse RIVER cost share project	Closed with no action 8/29/15. Abandon 500 OSTDS and construct central wastewater system for treatment and agricultural reuse system for the City of Archer. WMD funds for reuse portion.	Archer, City of	Cancelled	LSFI RPS Table A4		0.25	2017
LSFI	Santa Fe River, Ichetucknee River	184	Alachua County Conceptual Reclaimed Water Recharge Projects	Reclaimed water Aquifer recharge	Alachua County	RWSP or RPS Option Only	LSFI RPS Table A2	7.70	0.00	2017
LSFI	Santa Fe River, Ichetucknee River	183	City of Alachua Reclaimed Water Aquifer Recharge Project	Reclaimed water Aquifer recharge	Alachua, City of, Alachua County	RWSP or RPS Option Only	LSFI RPS Table A2	0.50	0.00	2017
LSFI	Suwannee	105	Suwannee Country Club Reuse Connection	Connect the Suwannee County Club golf course to the City of Live Oak reuse line; install pump station. Reduce groundwater withdrawals for irrigation	Live Oak, City of	Construction	LSFI RPS Table A4		0.10	2017

Project Type MFL Supported	Waterbody Benefited	Project ID	Project Name	Project Description	Lead Entity	Project Status	Source	Water at Completion (MGD)	Reuse at Completion (MGD)	Year First Added to RWSP/RPS
<b>Reclaimed Water</b>										
LSFI	Suwannee	129	Live Oak Golf Course Reuse Connection RIVER cost-share project	Contract cancelled , replaced with Suwannee County Club reuse connection project	Live Oak, City of	Cancelled	LSFI RPS Table A4		0.00	2017
LSFI	UFA - Alachua County	82	Oakmont Groundwater Recharge Wetlands	Construction of groundwater recharge wetlands at Oakmont subdivision.	GRU	Construction	Appendix J		1.00	2017
None	UFA - Alachua County	156	City of High Springs Reclaimed water project	The City has a capacity of 0.24 MGD with a planned expansion to 0.48 MGD. The goal is to offset 0.24 MGD of groundwater withdrawals	High Springs, City of	Complete			0.16	NA
None	UFA - Alachua County	153	City of Alachua Reclaimed Water Program	The City operated a .937 MGD wastewater treatment facility with expansion planned for 3 MGD. This project was for the implementation of a 0.4 MGD reuse project to offset groundwater withdrawals. Initial construction was to for filtration, disinfection, transmission mains, pumping, storage, supervisory control and data acquisition. Future offset of 1 to 3 MGD potential.	Alachua, City of	Complete				NA
LSFI	UFA - Alachua County	197	Oakmont Subdivision Reclaimed Water System Expansion	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 and/or further expansion of potable offset irrigation.	GRU	RWSP or RPS Option Only	Appendix K		0.40	2017
LSFI	UFA - Alachua County	198	Reclaimed Water System Expansion into New Neighborhoods	Expansion of reclaimed water distribution system pipelines to offset use of potable water for irrigation.	GRU	RWSP or RPS Option Only	Appendix K		0.40	2017
LSFI	UFA - Alachua County	83	Oakmont Reclaimed Water Main Extension (ph. 2)	This project will include construction of reclaimed water (RCW) mains for the internal distribution network for construction of the Oakmont Subdivision, Phase 2.	GRU	Construction	Appendix K		0.05	2017
LSFI	UFA - Columbia County	22	City of Lake City Reclaimed Water System Upgrade (Phase 1)	Installation of 2.7 miles of reclaimed water main to increase the amount of reclaimed water users.	SRWMD	RWSP or RPS Option Only	Appendix K		0.54	2017
None	UFA - Columbia County	151	City of Lake City Reclaimed Water Program Ph 1	The City operated a 3 MGD wastewater treatment with a restricted access sprayfield for disposal. This project was for the implementation of a 1 MGD reuse project with expansion capabilities. Initial construction was for water treatment, transmission mains, pumping, storage, supervisory control and data acquisition.	Lake City, City of	Complete			1.00	NA

Project Type MFL Supported	Waterbody Benefited	Project ID	Project Name	Project Description	Lead Entity	Project Status	Source	Water at Completion (MGD)	Reuse at Completion (MGD)	Year First Added to RWSP/RPS
<b>Reclaimed Water</b>										
None	UFA - Jefferson County	152	City of Monticello Reclaimed Water Program	The City operated a 1 MGD wastewater treatment facility. This project was for the implementation of a 0.5 MGD reuse project to offset groundwater withdrawals at the Simpson Nursery. Initial construction was to upgrade the water treatment facility, transmission mains, pumping, storage, supervisory control and data acquisition.	Monticello, City of	Complete			0.35	NA
None	UFA - Suwannee County	162	Live Oak Reclaimed Water Program Phase II	The City operated a 1.25 MGD wastewater treatment facility. Ph 1 expansion is to implement a 1.5 MGD treatment facility. The goal is the offset of 0.8 MGD of groundwater withdrawals. 2008 added funding	Live Oak, City of	Complete			0.00	NA
None	UFA - Suwannee County	155	City of Live Oak Reclaimed Water Program Ph 1 expansion	The City operated a 1.25 MGD wastewater treatment facility. Ph 1 expansion is to implement a 1.5 MGD treatment facility. The goal is the offset of 0.8 MGD of groundwater withdrawals. 2007 added funding	Live Oak, City of	Complete			0.70	NA
None	UFA - Suwannee County	154	City of Live Oak Reclaimed Water Program Ph 1	The City operated a 1.25 MGD wastewater treatment facility. The goal is the offset of 0.8 MGD of groundwater withdrawals.	Live Oak, City of	Complete			0.80	NA
<b>Stormwater</b>										
LSFI	Groundwater Columbia County	140	Lake City Municipal Airport Modification	Swale and percolation improvements to capture stormwater on site for aquifer recharge	Lake City, City of	Complete	LSFI RPS Table A4	1.90		2017
LSFI	Ichetucknee River	133	Cannon Creek	Stormwater improvements and recharge wells.	Columbia County	Construction	Appendix J	2.24		2017
LSFI	Lake Rowell, Bradford County	97	Starke By-pass	Wetland mitigation system for SR 223 Starke Bypass	Starke, City of	Construction	LSFI RPS Table A4			2017
<b>Surface Water</b>										
LSFI	Santa Fe River, Ichetucknee River	181	Conceptual Dispersed Water Storage Public- Private Partnerships	Program will evaluate cooperative partnership with agricultural and silvicultural landholders for dispersed water storage pending assessment of recharge potential based on geologic conditions.	Alachua, Gilchrist, Columbia, Suwannee, Bradford, Union Counties	RWSP or RPS Option Only	LSFI RPS Table A2	4.00	0.00	2017
LSFI	Santa Fe River, Ichetucknee River	123	Suwannee Valley Ag Extension Center Surface Water	Partnership with UF IFAS for variable rate irrigation using surface water	University of Florida IFAS	Complete		0.05		NA
Upper Suwannee	Suwannee	124	Eagle Lake	Reduction of Groundwater withdrawal with increased use of surface water for process use.	PCS, FDEP, SRWMD	Complete	Appendix J	10.00		2017