

FY 2014-15 Springs Funded Restoration Projects

Spring Name	County	Water Management District	Project Name	Description	State Funding	WMD Match	Local Match	Total Funding	Water Saved (MGD)	Nutrients Removed (lbs per year)
Aripeka	Pasco	SWFWMD	Pasco County Heritage Pines Residential Reclaimed Water Service	The project is for the design, permitting and construction of reclaimed water transmission mains and distribution piping to the Heritage Pines residential community located in Pasco County. The project will supply a minimum of 725 residential irrigation customers and associated common areas with 0.43 million gallons per day of reclaimed water.	\$300,000	\$333,300	\$633,300	\$1,266,600	0.43	N/A
Chassahowitzka	Citrus	SWFWMD	Citrus County Sugarmill Woods Advanced Wastewater and Reclaimed Project	The purpose of this project is to expand and upgrade the Sugarmill Woods Wastewater Treatment Facility to provide advanced treatment and produce high quality reclaimed water for irrigation of public access areas. This project is the first step in making additional reclaimed water available to increase water resource benefits in the Chassahowitzka Springshed.	\$4,000,000	\$2,000,000	\$6,000,000	\$12,000,000	0.93	19,852
Kings Bay	Pasco	SWFWMD	Zephyrhills Advanced Wastewater Project	The project is for the design, permitting, and upgrade of an existing wastewater treatment facility in order to produce advanced wastewater treatment level reclaimed water (less than -3mg/1 Total Nitrogen). The overall project objective is to reduce nutrient loading in the Crystal Springs springshed by enabling advanced wastewater treatment at the City of Zephyrhills WWTF. The project is anticipated to supply approximately 2.20 million gallons per day of reclaimed water for recharge purposes.	\$1,250,000	\$4,430,000	\$3,600,000	\$9,280,000	N/A	46,730
Econfina	Washington	NWFWMD	Devils Hole Spring Restoration-Econfina Ck	This project will stabilize, restore, and protect approximately 175 feet of streambanks at Devil's Hole Spring. This will improve water quality, restore historical shoreline impacted by erosion, and prevent destruction of habitat resulting from erosion and recreational use on Econfina Creek. In addition to the shoreline restoration, boardwalks and access points will be installed to prevent future water quality and habitat impacts.	\$160,000	\$0	\$20,750	\$180,750	N/A	N/A
Fanning	Levy	SRWMD	Fanning Springs WQ Improvement Project	The project will extend the City of Fanning Spring's recently constructed wastewater collection system. The City adopted a multi-phase plan to expand municipal sewer service throughout the City, which will reduce nitrogen loading to groundwater within the Fanning Springs springshed. This phase of the overall project consists of Service Areas 1 through 4. As part of this phase of the project, approximately 65 septic tank systems will be removed.	\$492,960	\$121,440	\$662,000	\$1,276,400	N/A	1,300
Holmes Creek	Washington	NWFWMD	Holmes Ck Springs Complex Restoration	This project will stabilize and restore 100-125 linear feet of the streambank at Cotton Landing on Holmes Creek. This will improve water quality, restore shoreline habitat, and prevent erosion caused by recreational use, providing long-term protection for the spring run. Stormwater management improvements will minimize runoff from unpaved parking areas and roadways.	\$175,000	\$0	\$27,500	\$202,500	N/A	N/A

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Ichetucknee	Suwannee	SRWMD	Columbia Co Water Conservation Initiative	The Ichetucknee Springs/Columbia County Water Conservation Initiative will provide cost-share rebates to businesses to replace an estimated 600 existing toilet fixtures (at an average cost of \$400 per toilet) and 666 faucet aerators (at an average cost of \$15 per aerator) with high efficiency units. The project is estimated to save 32 million gallons of water per year, benefitting the Ichetucknee Springs Group, as well as other springs on the Lower Santa Fe River.	\$250,000	\$30,000	\$70,000	\$350,000	32	N/A
Ichetucknee/Santa Fe	Suwannee	SJRWMD	Gainesville Regional Utilities - Groundwater Recharge Wetland Construction	The project will convert an existing dry stormwater retention basin into a groundwater recharge area.	\$12,000	\$12,000	\$23,500	\$47,500	0.40	32
Jackson Blue	Jackson	NFWWMD	Claiborne Aquifer Water Supply	This project initiates Claiborne aquifer testing within the Jackson Blue Spring contribution area to determine the aquifer's viability as an alternative water source to offset demand on the Floridan Aquifer, making additional water available to springs.	\$440,000	\$0	\$20,000	\$460,000	1.1	N/A
Jackson Blue	Jackson	NFWWMD	Jackson Blue Spring Watershed Agricultural BMP Program	Multiple agricultural-based projects that reduce nitrogen loading to the Floridan Aquifer. Eligible projects may include irrigation equipment improvements, fertigation systems, and other precision application equipment and management tools to help reduce the amount of fertilizer or water applied on crops that comply with Florida Department of Agriculture and Consumer Services Best Management Practices.	\$487,500	\$0	\$308,260	\$795,760	N/A	28,320
Levy Blue	Levy	SRWMD	Levy Blue Spring WQ Improvement Project	The project will expand Bronson's existing wastewater collection and transmission system. The Town currently has a very limited gravity sewer collection system and has developed a multi-phase plan to expand municipal sewer service throughout the Town and reduce nitrogen loading to groundwater as septic tanks are removed from service and wastewater is routed for treatment at the Town's wastewater treatment plant. This will allow the Town to provide service to Bronson Park.	\$195,000	\$50,000	\$2,865,600	\$3,110,600	N/A	1,848
Santa Fe	Alachua	SRWMD	Improved Water Conservation & Nutrient Optimization of Dairy Wastewater	This project consists of increasing lagoon sizes at local dairies to achieve a minimum 21-day holding capacity, up from the standard 7-day holding capacity. Increasing lagoon holding capacity allows producers to better manage the disposal of their wastes.	\$920,000	\$39,325	\$121,825	\$1,081,150	0.45	87,000
Santa Fe	Alachua	SRWMD	Nursery Water Conservation Initiative	This project provides cost-share funds to assist nurseries with converting their overhead irrigation systems to drip or micro spray irrigation. Drip and micro spray irrigation methods allow producers to apply water and fertilizer through drip lines placed near the base of the plant. This reduces evaporative losses and watering non-target areas. It also reduces nutrient leaching that can occur when overhead irrigation is utilized.	\$940,000	\$39,325	\$341,825	\$1,321,150	0.3	45,000
Silver	Marion	SJRWMD	City of Ocala - Well and Septic Tank Reduction Program	The project connects approximately 850 properties with existing septic tanks to centralized sewer within the Silver Springs springshed. Once connected, the existing septic tanks will be abandoned. In addition to connections, properties that do not have potable water connections will receive metered potable water services.	\$2,500,000	\$2,500,000	\$5,000,000	\$10,000,000	N/A	20,321

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Suwannee	Suwannee	SRWMD	Advanced Nutrient Management Through Center Pivots	Fertilizing through irrigation equipment is much more efficient than the traditional method of land application because it allows producers to decrease the amount of fertilizer applied while increasing the number of applications based on actual plant uptake rates. This will provide fertigation equipment for installation in low volume irrigation systems within the Suwannee River area.	\$915,000	\$33,150	\$242,550	\$1,190,700	N/A	460,000
Suwannee	Suwannee	SRWMD	Improved Water Conservation Through Center Pivots	The District's center pivot retrofit cost-share program will bring the pivots up to 80% uniformity or above. Increasing the efficiency of center pivots allows producers to use less water when irrigating their crops. Almost 90 participants and over 200 systems have been approved for the program since the program's establishment in October of 2012.	\$885,000	\$1,235,000	\$308,975	\$2,428,975	5.26	N/A
Suwannee	Suwannee	SRWMD	Eagle Lake/Upper Suwannee River Springs Enhancement Project	The Project will facilitate the recovery of a portion of the water from Eagle Lake that would otherwise be discharged to Swift Creek and the Upper Suwannee River. This reduction in flow from Eagle Lake will reduce total nutrient loading to the river between the White Springs and Ellaville gages. The recovered water will be redirected to either the PotashCorp Suwannee River Mine or Swift Creek Mine operations and therefore reduce the amount of makeup-water required for mining operations.	\$3,070,000	\$300,000	\$230,000	\$3,600,000	20	140,000
Volusia Blue	Volusia	SRWMD	City of DeLand: WWTP Aeration and Instrumentation Upgrades to Enhance Nutrient Removal	The project will upgrade DeLand's wastewater treatment system processes and reduce nitrogen concentrations in the plant effluent. The upgrade will include new aerators, Variable Frequency Drive motors and drives, dissolved oxygen probes and an automated control system for the existing Carrousel oxidation basin.	\$302,000	\$302,000	\$606,000	\$1,210,000	N/A	35,000
Wakulla	Wakulla	NWFWMD	Lake Munson Target Area WW Improvements	This project will connect an estimated 50 septic systems to the City of Tallahassee wastewater treatment system and abandon the septic systems. A main sewer line collection system will be constructed, providing current connections and future extensions to the wastewater treatment system.	\$500,000	\$0	\$500,000	\$1,000,000	N/A	1,007
Wakulla	Wakulla	NWFWMD	Magnolia Gardens WW Improvement	This project will connect residences in the Magnolia Gardens area of Wakulla County that are currently served by onsite septic tanks to the County's central sewer system. Phase I of the project includes expanding the central sewer collection system to connect 180 households currently served by conventional septic systems. The expanded central sewer collection system constructed through this project also will provide the infrastructure to connect an additional 120 lots in the Magnolia Gardens area in the future.	\$2,300,000	\$0	\$3,856,600	\$6,156,600	N/A	5,377
Wakulla	Wakulla	NWFWMD	Wakulla Gardens WW Improvement	This project will connect residences in the Wakulla Gardens area of Wakulla County that are currently served by septic tanks to the County's central sewer system. Phase I of the project includes expanding the central sewer collection system to connect 90 households currently served by conventional septic systems.	\$2,300,000	\$0	\$3,856,600	\$6,156,600	N/A	2,688

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Wekiva	Orange	SJRWMD	City of Apopka - Kelly Park Rd. Reclaimed Water Main Extension & Ponkan Rd. Reclaimed Water Main Extension	Project includes two segments of reclaimed water pipes which will provide the distribution of reclaimed water to the future Kelly Park Crossings development in Apopka. The reclaimed water mains are part of the City of Apopka's future plans for the expanded storage and distribution for reclaimed effluent.	\$357,000	\$357,000	\$716,000	\$1,430,000	5.5	N/A
Wekiva	Orange	SJRWMD	Orange County: Wekiwa Springshed AWS Expansion	Orange County Utilities is designing and constructing a project that expands the availability of reclaimed water for irrigation use. The project includes the construction of approximately 3,800' of reclaimed water pipe.	\$350,000	\$350,000	\$700,000	\$1,400,000	3	N/A