

OSTDS Projects – Total Reduction Goal to be met in 20 years – 251,100 lbs-N/year (Weeki Wachee) and 53,129 lbs-N/year (Magnolia-Aripeka Springs)

OSTDS 5-Year (2017–2021) Reduction Goal: 75,330 lbs-N/year (Weeki Wachee) and 15,939 lbs-N/yr (Magnolia-Aripeka Springs)												
Basin	Lead Entity	Priority Ranking	Project No.	Project Name	Description	Project Type	Estimated Nutrient Load Reduction (lbs-N/yr)	Cost Estimate (planning-level)	Funding Source	Funding Amount	Status	Estimated Completion Date
Weeki Wachee	City of Brooksville	High	COB-1	Septic to Sewer Conversion	Connect approximately 75 septic systems to central sewer system.	Septic Replacement		\$1.4 million	City DEP	XXXX XXXX	Planned	2021

OSTDS 10-Year (2022–2026) Reduction Goal: An additional 125,550 lbs-N/year (Weeki Wachee) and 26,565 lbs-N/yr (Magnolia-Aripeka Springs)												
Basin	Lead Entity	Priority Ranking	Project No.	Project Name	Description	Project Type	Estimated Nutrient Load Reduction (lbs-N/yr)	Cost Estimate (planning-level)	Funding Source	Funding Amount	Status	Estimated Completion Date

OSTDS 15-Year (2027–2031) Reduction Goal: An additional 50,220 lbs-N/year (Weeki Wachee) and 10,626 lbs-N/yr (Magnolia-Aripeka Springs)												
Basin	Lead Entity	Priority Ranking	Project No.	Project Name	Description	Project Type	Estimated Nutrient Load Reduction (lbs-N/yr)	Cost Estimate (planning-level)	Funding Source	Funding Amount	Status	Estimated Completion Date
Weeki Wachee	City of Brooksville	Low	COB-2	Septic to Sewer Conversion	Connect approximately 300 septic systems to central sewer system.	Septic Replacement		\$6 million	City/DEP/ Other	XXXX	Planned	2030

Urban Turfgrass Fertilizer (UTF) Projects – Total Reduction Goal to be met in 20 years – 184,140 lbs-N/year (Weeki Wachee) and 43,719 lbs-N/yr (Magnolia-Aripeka Springs)

UTF 5-Year (2017–2021) Reduction Goal: 55,242 lbs-N/year (Weeki Wachee) and 13,116 lbs-N/yr (Magnolia-Aripeka Springs)												
Basin	Lead Entity	Priority Ranking	Project No.	Project Name	Description	Project Type	Estimated Nutrient Load Reduction (lbs-N/yr)	Cost Estimate (planning-level)	Funding Source	Funding Amount	Status	Estimated Completion Date
Weeki Wachee and Aripeka	Pasco County	High	PC-3	Street Sweeping	Street sweeping of 45 miles of collector roads, located within the springsheds; six sweeping events a year.	Stormwater Management	100	\$10,000/yr	County	\$10,000/yr	Planned	2021
Weeki Wachee and Aripeka	Pasco County	High	PC-4	Fertilizer Ordinance	Adopted ordinance that created new countywide regulations that require the proper use of fertilizers; require proper training of commercial and industrial fertilizer applicators; establishes training and licensing requirements; establishes a prohibited and restricted application period; specifies allowable fertilizer application rates and methods, fertilizer-free zones, low maintenance zones, and exemptions.	Ordinance or Regulation					Completed	Completed prior to 2017
Weeki Wachee and Aripeka	Pasco County	High	PC-5	Pet Waste Ordinance	Pasco County staff intend to present the Board of County Commissioners a pet waste ordinance for adoption.	Ordinance or Regulation					Planned	2021
Weeki Wachee and Aripeka	UF/IFAS	High	IFAS-1	Development of Landscape Fertilizer Best Management Practices (BMPs)	The objective of this project is to verify the accuracy of the Florida Yards and Neighborhoods (FYN) and Florida Green Industries BMPs fertilizer recommendations. This project represents a significant step to develop and implement accurate, science-based fertilizer BMPs for urban (residential and commercial) landscapes.	Best Management Practices		\$274,429	SWFWMD	\$247,429	Underway	2017
Weeki Wachee	SWFWMD	High	SWF-1	Weeki Wachee State Park Canoe Launch Improvements	This project entails the stabilization of soils that will reduce stormwater pollutants entering Weeki Wachee River via the canoe launch and parking area.	Stormwater Management		\$350,000	SWFWMD	\$350,000	Underway	XXXX

DRAFT Weeki Wachee and Magnolia-Aripeka Springs BMAP – Projects to Reduce Nitrogen Sources – March 1, 2017
(Hernando County and FDACS projects have not yet been provided)

CONTINUED: UTF 5-Year (2017–2021) Reduction Goal: 55,242 lbs-N/year (Weeki Wachee) and 13,116 lbs-N/yr (Magnolia-Aripeka Springs)												
Basin	Lead Entity	Priority Ranking	Project No.	Project Name	Description	Project Type	Estimated Nutrient Load Reduction (lbs-N/yr)	Cost Estimate (planning-level)	Funding Source	Funding Amount	Status	Estimated Completion Date
Weeki Wachee	SWFWMD	High	SWF-2	Weeki Wachee Rogers Park	Design, permit, and construct stormwater improvements at Rogers Park which is adjacent to the spring-fed Weeki Wachee River. Benefits include water quality improvement by reducing sediment, nutrient, and other contaminant loads to Weeki Wachee River.	Stormwater Management		\$450,000	SWFWMD	\$450,000	Underway	

UTF 10-Year (2022–2026) Reduction Goal: An additional 92,070 lbs-N/year (Weeki Wachee) and 21,860 lbs-N/yr (Magnolia-Aripeka Springs)												
Basin	Lead Entity	Priority Ranking	Project No.	Project Name	Description	Project Type	Estimated Nutrient Load Reduction (lbs-N/yr)	Cost Estimate (planning-level)	Funding Source	Funding Amount	Status	Estimated Completion Date

UTF 15-Year (2027–2031) Reduction Goal: An additional 36,828 lbs-N/year (Weeki Wachee) and 8,744 lbs-N/yr (Magnolia-Aripeka Springs)												
Basin	Lead Entity	Priority Ranking	Project No.	Project Name	Description	Project Type	Estimated Nutrient Load Reduction (lbs-N/yr)	Cost Estimate (planning-level)	Funding Source	Funding Amount	Status	Estimated Completion Date

Sports Turfgrass Fertilizer (STF) Projects – Total Reduction Goal to be met in 20 years – 50,220 lbs-N/year (Weeki Wachee) and 8,710 lbs-N/yr (Magnolia-Aripeka Springs)

STF 5-Year (2017–2021) Reduction Goal: 15,066 lbs-N/year (Weeki Wachee) and 2,613 lbs-N/yr (Magnolia-Aripeka Springs)												
Basin	Lead Entity	Priority Ranking	Project No.	Project Name	Description	Project Type	Estimated Nutrient Load Reduction (lbs-N/yr)	Cost Estimate (planning-level)	Funding Source	Funding Amount	Status	Estimated Completion Date
Weeki Wachee	UF/IFAS	High	IFAS-1	Development of Landscape Fertilizer Best Management Practices (BMPs)	The objective of this project is to verify the accuracy of the Florida Yards and Neighborhoods (FYN) and Florida Green Industries BMPs fertilizer recommendations. This project represents a significant step to develop and implement accurate, science-based fertilizer BMPs for urban (residential and commercial) landscapes.	Best Management Practices		\$274,429	SWFWMD	\$247,429	Underway	2017

STF 10-Year (2022–2026) Reduction Goal: An additional 25,110 lbs-N/year (Weeki Wachee) and 4,355 lbs-N/yr (Magnolia-Aripeka Springs)												
Basin	Lead Entity	Priority Ranking	Project No.	Project Name	Description	Project Type	Estimated Nutrient Load Reduction (lbs-N/yr)	Cost Estimate (planning-level)	Funding Source	Funding Amount	Status	Estimated Completion Date

STF 15-Year (2027–2031) Reduction Goal: An additional 10,044 lbs-N/year (Weeki Wachee) and 1,742 lbs-N/yr (Magnolia-Aripeka Springs)												
Basin	Lead Entity	Priority Ranking	Project No.	Project Name	Description	Project Type	Estimated Nutrient Load Reduction (lbs-N/yr)	Cost Estimate (planning-level)	Funding Source	Funding Amount	Status	Estimated Completion Date

Farm Fertilizer (FF) Projects – Total Reduction Goal to be met in 20 years – 142,290 lbs-N/year (Weeki Wachee) and 8,710 lbs-N/yr (Magnolia-Aripeka Springs)

FF 5-Year (2017–2021) Reduction Goal: 42,687 lbs-N/year (Weeki Wachee) and 2,613 lbs-N/yr (Magnolia-Aripeka Springs)												
Basin	Lead Entity	Priority Ranking	Project No.	Project Name	Description	Project Type	Estimated Nutrient Load Reduction (lbs-N/yr)	Cost Estimate (planning-level)	Funding Source	Funding Amount	Status	Estimated Completion Date
Weeki Wachee	SWFWMD	High	SWF-3	Facilitating Agricultural Resource Management Systems (FARMS Program)	The FARMS Program is an agricultural BMP cost-share program to promote improved water quality in spring systems through reduction of nutrients. Potential projects include approved precision nutrient application technologies.	Best Management Practices		\$6 million	SWFWMD	\$6 million	Underway	XXX

FF 10-Year (2022–2026) Reduction Goal: An additional 71,145 lbs-N/year (Weeki Wachee) and 4,355 lbs-N/yr (Magnolia-Aripeka Springs)												
Basin	Lead Entity	Priority Ranking	Project No.	Project Name	Description	Project Type	Estimated Nutrient Load Reduction (lbs-N/yr)	Cost Estimate (planning-level)	Funding Source	Funding Amount	Status	Estimated Completion Date

FF 15-Year (2027–2031) Reduction Goal: An additional 28,458 lbs-N/year (Weeki Wachee) and 1,742 lbs-N/yr (Magnolia-Aripeka Springs)												
Basin	Lead Entity	Priority Ranking	Project No.	Project Name	Description	Project Type	Estimated Nutrient Load Reduction (lbs-N/yr)	Cost Estimate (planning-level)	Funding Source	Funding Amount	Status	Estimated Completion Date

Livestock Waste (LW) Projects – Total Reduction Goal to be met in 20 years – 83,700 lbs-N/year (Weeki Wachee) and 4,358 lbs-N/yr (Magnolia-Aripeka Springs)

LW 5-Year (2017–2021) Reduction Goal: 25,110 lbs-N/year (Weeki Wachee) and 1,307 lbs-N/yr (Magnolia-Aripeka Springs)												
Basin	Lead Entity	Priority Ranking	Project No.	Project Name	Description	Project Type	Estimated Nutrient Load Reduction (lbs-N/yr)	Cost Estimate (planning-level)	Funding Source	Funding Amount	Status	Estimated Completion Date

LW 10-Year (2022–2026) Reduction Goal: An additional 41,850 lbs-N/year (Weeki Wachee) and 2,179 lbs-N/yr (Magnolia-Aripeka Springs)												
Basin	Lead Entity	Priority Ranking	Project No.	Project Name	Description	Project Type	Estimated Nutrient Load Reduction (lbs-N/yr)	Cost Estimate (planning-level)	Funding Source	Funding Amount	Status	Estimated Completion Date

LW 15-Year (2027–2031) Reduction Goal: An additional 16,740 lbs-N/year (Weeki Wachee) and 872 lbs-N/yr (Magnolia-Aripeka Springs)												
Basin	Lead Entity	Priority Ranking	Project No.	Project Name	Description	Project Type	Estimated Nutrient Load Reduction (lbs-N/yr)	Cost Estimate (planning-level)	Funding Source	Funding Amount	Status	Estimated Completion Date

Wastewater Treatment Facility (WWTF) Projects – Total Reduction Goal to be met in 20 years – 41,850 lbs-N/year (Weeki Wachee) and 4,824 lbs-N/yr (Magnolia-Aripeka Springs)

WWTF 5-Year (2017–2021) Reduction Goal: 12,555 lbs-N/year (Weeki Wachee) and 1,447 lbs-N/yr (Magnolia-Aripeka Springs)												
Basin	Lead Entity	Priority Ranking	Project No.	Project Name	Description	Project Type	Estimated Nutrient Load Reduction (lbs-N/yr)	Cost Estimate (planning-level)	Funding Source	Funding Amount	Status	Estimated Completion Date
Weeki Wachee	Pasco County	High	PC-1	Central Pasco County Beneficial Water Reuse Project	Design, permit, and construct a wetland infiltration system that uses excess reclaimed water for water quality polishing and groundwater recharge. Up to 5 million gallons per day (MGD) of surplus reclaimed water will be delivered to the site with up to 1.6 MGD expected to infiltrate into the Upper Floridan aquifer.	Groundwater Management	75,000	\$13,224,955	County SWFWMD	XXXX XXXX	Underway	2018
Weeki Wachee	Pasco County	High	PC-2	Crews Lake Natural Systems Restoration Project	This project will deliver 4 MGD of highly treated reclaimed water to recover water levels in the Crews Lake Basin and provide groundwater recharge.	Groundwater Management	60,000	\$7,766,000	County SWFWMD	XXXX XXXX	Planned	2021
Weeki Wachee	SWFWMD	High	SWF-4	Evaluation of Nitrogen Leaching from Reclaimed Water	This project will determine typical nitrogen leaching rates from reclaimed water application to lawns, spray fields, and rapid infiltration basins. This information can be used to refine estimates of nitrogen loading to the aquifer and springs, and identify the best reclaimed water disposal methods to minimize nitrogen loading to groundwater.	Reclaimed Water Management		\$294,000	SWFWMD	\$294,000	Underway	XXX

WWTF 10-Year (2022–2026) Reduction Goal: An additional 20,925 lbs-N/year (Weeki Wachee) and 2,412 lbs-N/yr (Magnolia-Aripeka Springs)												
Basin	Lead Entity	Priority Ranking	Project No.	Project Name	Description	Project Type	Estimated Nutrient Load Reduction (lbs-N/yr)	Cost Estimate (planning-level)	Funding Source	Funding Amount	Status	Estimated Completion Date

WWTF 15-Year (2027–2031) Reduction Goal: An additional 8,370 lbs-N/year (Weeki Wachee) and 965 lbs-N/yr (Magnolia-Aripeka Springs)												
Basin	Lead Entity	Priority Ranking	Project No.	Project Name	Description	Project Type	Estimated Nutrient Load Reduction (lbs-N/yr)	Cost Estimate (planning-level)	Funding Source	Funding Amount	Status	Estimated Completion Date