

2016-2018

Cooperative Funding Program

Alternative Water Supply, Stormwater Management, and Water Conservation



Status Report

April 2018

Purpose

As requested by the South Florida Water Management District (SFWMD or District) Governing Board, this is the third semiannual status report on the 2016-2018 Cooperative Funding Program (CFP) project implementation.

Cooperative Funding Program Overview

Governing Board Direction and Review Process

The following project guidelines were approved by the Governing Board during the February 11, 2016 meeting:

- Cost-share construction only
- Supports mission of the District and/or adopted plan
- Environmental, resource, and community benefits
- Readiness to proceed
- Construction/implementation (October 1, 2016 through September 30, 2018)
- Funding
 - Up to 50 percent or proposed funding maximum, whichever is less
 - REDI Communities: up to 75 percent or proposed funding maximum, whichever is less
 - General guidelines for maximum funding per project are as follows:
 - Alternative Water Supply (AWS) \$500,000
 - Stormwater Management (SWM) \$250,000
 - Water Conservation (WC) \$100,000
 - Determine funding allocations for project type after applications submitted

Approved CFP Project Funding and Current Status Summary

At the September 8, 2016 meeting, the Governing Board approved \$9,082,900 in CFP one-time funding to a total of 71 AWS, SWM, and WC projects. The 14 AWS projects will create 37 million gallons per day (mgd) of new water capacity and 25 mgd of reclaimed water distribution. The 31 SWM projects are projected to reduce total nitrogen and total phosphorus entering receiving water bodies by more than 13,000 lb and 2,700 lb, respectively, per year, and are expected to enhance or restore approximately 2,900 acres of habitat. The 26 WC projects will save an estimated 860 million gallons of water per year.

All contracts were sent to Recipients by the end of 2016. Sixty-eight contracts are fully executed, while three Recipients declined the funding. Twenty-six projects are under construction, and 18 have been completed, as indicated below. The CFP contracts require construction to be completed and the final reimbursement request package to be submitted by September 30, 2018. The next quarterly status report will be submitted in June 2018. To date, the District has expended \$1,316,678 towards the CFP projects.

Cooperative Funding Program Project Status Summary				
Type	Projects¹ Approved	Projects Completed	Projects Under Way	Projects Not Started
Alternative Water Supply	13	3	6	4
Stormwater Management	30	9	4	17
Water Conservation	25	6	16	3
Total	68	18	26	24

¹Three projects were cancelled by the Entity, one in each Program Type, and are not included in these data.

Cooperative Funding Program Funding Summary¹						
Type	Total Project Costs	Approved Funding	Funding Expended to Date	Funding Pending Invoice from Entity	Funding for Projects Underway	Funding for Projects Not Started
Alternative Water Supply	\$59,113,556	\$3,615,000	\$450,000	\$400,000	\$1,950,000	\$815,000
Stormwater Management	\$24,779,938	\$4,102,500	\$772,700	\$500,000	\$275,000	\$2,552,500
Water Conservation	\$4,510,812	\$965,400	\$93,978	\$108,180	\$647,730	\$113,380
Total	\$88,404,306	\$8,682,900	\$1,316,678	\$1,008,180	\$2,872,730	\$3,480,880

¹Three projects were cancelled by the Entity, one in each Program Type, and are not included in these data.

Alternative Water Supply

The Governing Board approved 14 AWS projects. Thirteen contracts are fully executed, 1 Recipient cancelled (yellow fill), 6 projects are under construction (blue fill), and 3 projects are complete (green fill). To date, the District has expended \$450,000 and is awaiting reimbursement request packages totaling \$400,000.

CFP No.	Project	Entity	County	Phase Construction Cost	Approved Funding	Expenditures to Date
AWS-2012	Reclaimed Water System Expansion - NE Pompano and Lighthouse Point	City of Pompano Beach	Broward	\$1,650,000	\$400,000	\$0
AWS-2000	Reclaimed Water Main Extension - Wiles Road	City of Coconut Creek	Broward	\$1,000,000	\$300,000	\$0
AWS-2002	Sawgrass Water Reclamation Facility (WRF) - Phase I	City of Sunrise	Broward	\$15,408,000	\$300,000	\$0
AWS-2009	Reclaimed Water Main Extension - Springtree Drive	City of Sunrise	Broward	\$236,428	\$115,000	\$0
AWS-2013 & AWS-2014	Phase III Reclaimed Water System Expansion - Lined Storage Pond and Reclaimed Water Main Extension along Anthem Parkway	Ave Maria Utility Company, LLLP	Collier	\$1,021,623	\$150,000	\$150,000
AWS-2001	Reclaimed Water ASR (Fort Myers Beach/Fiesta Village)	Lee County Utilities	Lee	\$1,350,000	\$200,000	\$0
AWS-2018	Water North 2 Utility Extension Program - Irrigation Transmission (City Priority #1)	City of Cape Coral	Lee	\$17,150,000	\$200,000	\$0
AWS-2016	Water North 2 Utility Extension Program - Irrigation Canal Pump Station East #10 (City Priority #2)	City of Cape Coral	Lee	\$10,500,000	\$200,000	\$0
AWS-2011	Lower Floridan Booster Pump Station (International Drive Area)	Orange County Utilities	Orange	\$2,364,600	\$500,000	\$0
AWS-2020 & AWS-2021	Judge Farms Reservoir & Impoundment Project (CFWI ST-1 & RWSP #128) - Phase 1 and 2	Osceola County	Osceola	\$13,500,000	\$400,000	\$0
AWS-2006	12-inch Reclaimed Water Main Extension - Lakeshore Park and Downtown	Toho Water Authority	Osceola	\$750,000	\$300,000	\$300,000
AWS-2010	South Bermuda WRF Reuse Pump Station Expansion	Toho Water Authority	Osceola	\$300,000	\$150,000	\$0
AWS-2005	Reclaimed Water System Expansion - Area 12C	City of Delray Beach	Palm Beach	\$1,182,611	\$400,000	\$0
AWS-2004	RO Expansion - 2nd RO Concentrate Disposal Well	Fort Pierce Utilities Authority	St. Lucie	\$4,200,000 [c]	\$200,000 [c]	\$0
AWS Total				\$59,113,556	\$3,615,000	\$450,000

[c] cancelled; green = completed; blue = underway; white = not started.

Stormwater Management

The Governing Board approved 31 SWM projects. Thirty contracts are fully executed, 1 Recipient cancelled (yellow fill), 3 projects are under construction (blue fill), and 10 projects are complete (green fill). To date, the District has expended \$772,700 and is awaiting reimbursement request packages totaling \$500,000.

CFP No.	Project	Entity	County	Construction Cost	Approved Funding	Expenditures to Date
SW-2013	Dykes Road Drainage and Water Quality Project	Town of Southwest Ranches	Broward	\$378,868	\$100,000	\$0
SW-2034	East South Zone	City of Oakland Park	Broward	\$649,777	\$100,000	\$0
SW-2095	Pump Station #11 Project	Central County Water Control District	Hendry	\$281,000	\$200,000	\$200,000
SW-2098	Ventura Avenue Drainage and Water Quality Project	City of Clewiston	Hendry	\$333,000 [c]	\$175,000 [c]	\$0
SW-2008	Spring Lake Improvement District Stormwater Treatment Area - Phase 4	Spring Lake Improvement District	Highlands	\$2,587,276	\$200,000	\$0
SW-2047	Six Mile Cypress Slough Preserve North Hydrological Restoration	Lee County Conservation 2020 Program	Lee	\$300,000	\$150,000	\$150,000
SW-2019	Moving Water South, Phase II	Lehigh Acres - Municipal Services Improvement District	Lee	\$750,000	\$200,000	\$0
SW-2026	Fichter's Creek Restoration Project	Lee County Division of Natural Resources	Lee	\$2,094,190	\$150,000	\$0
SW-2046	Jordan Marsh Water Quality Treatment Park	City of Sanibel	Lee	\$400,000	\$150,000	\$0
SW-2048	Charlotte Harbor Buffer Preserve Hydrological Restoration	Lee County Conservation 2020 Program	Lee	\$150,000	\$75,000	\$72,700
SW-2040	Felts Avenue Bioreactor	City of Bonita Springs	Lee	\$650,000	\$100,000	\$100,000
SW-2023	Cypress Creek Weir Project	Martin County Board of County Commissioners	Martin	\$460,000	\$150,000	\$0
SW-2022	Warner Creek Improvement Project	Martin County Board of County Commissioners	Martin	\$1,500,000	\$175,000	\$0
SW-2089	Mandalay to Marguerita/ South Sewall's Point Road Improvements	Town of Sewall's Point	Martin	\$500,000	\$100,000	\$0
SW-2021	Hilltop Water Quality Retrofit Project	Martin County Board of County Commissioners	Martin	\$250,000	\$100,000	\$100,000
SW-2076	SW 70th Ave. and 100th St. Stormwater Improvement Project for Sub-Basin C100DN-1E	Village of Pinecrest	Miami-Dade	\$500,000	\$150,000	\$150,000

CFP No.	Project	Entity	County	Construction Cost	Approved Funding	Expenditures to Date
SW-2059	Miami Lakes Lake Sarah Drainage Improvements Project	Town of Miami Lakes	Miami-Dade	\$1,161,868	\$125,000	\$0
SW-2085	North Bay Village Outfall Improvement Project	North Bay Village	Miami-Dade	\$450,000	\$150,000	\$0
SW-2002	Drainage Infrastructure Improvements Sub-Basin 59/60	Village of Palmetto Bay	Miami-Dade	\$779,000	\$125,000	\$0
SW-2093	Stormwater Improvements: Phase 2B	City of Sweetwater	Miami-Dade	\$3,848,791	\$125,000	\$0
SW-2049	Key Largo II Roadway and Drainage Improvement Project	Monroe County BOCC	Monroe	\$800,000	\$150,000	\$0
SW-2027	Venetian Shores Stormwater Management Project: Bayview Isle Dr. and Villa Bella Dr.	Village of Islamorada	Monroe	\$746,425	\$150,000	\$0
SW-2061	12th Street Stormwater	City of Key Colony Beach, FL	Monroe	\$500,000	\$100,000	\$0
SW-2087 ¹	Centennial Park Stormwater Drainage Construction	City of Okeechobee	Okeechobee	\$250,000	\$175,000	\$0
SW-2088	First Avenue and Forest Street Drainage Improvements	Town of Windermere	Orange	\$431,715	\$175,000	\$0
SW-2030	Moss Property Rehydration	Indian Trail Improvement District	Palm Beach	\$360,000	\$150,000	\$0
SW-2070	Singer Island South	Riviera Beach	Palm Beach	\$1,183,583	\$150,000	\$0
SW-2092	Gregory Road Green Streets Initiative	City of West Palm Beach	Palm Beach	\$55,000	\$27,500	\$0
SW-2050	Neighborhood Rehabilitation Project (Septic Tank Conversion)	Jupiter Inlet Colony	Palm Beach	\$4,674,244	\$75,000	\$0
SW-2004	City of Port St. Lucie Water Farm Phase 1	City of Port St. Lucie Utility Systems Department	St. Lucie	\$705,000	\$200,000	\$0
SW-2016	Veterans Memorial Stormwater Quality Retrofit Phase 1 & 2	City of Port St. Lucie	St. Lucie	\$250,000	\$125,000	\$0
SWM Total				\$24,779,938	\$4,102,500	\$772,700

[c] cancelled; green = completed; blue = underway; white = not started.

Water Conservation

The Governing Board approved 26 WC projects. Twenty-five contracts are fully executed, 1 Recipient cancelled (yellow fill), 16 projects have begun implementation (blue fill), and 6 projects are complete (green fill). To date, the District has expended \$93,978 and is awaiting reimbursement request packages of \$108,180.

CFP No.	Project	Entity	County	Total Project Cost	Approved Funding	Expenditures to Date
WC-2006	Conservation Pays High Efficiency Toilet Rebate Program	Broward Water Partnership	Broward	\$200,000	\$100,000	\$0
WC-2003	Toilet Rebate Program	Coral Springs Improvement District	Broward	\$15,048	\$7,520	\$7,520
WC-2005	NatureScape Irrigation Service Smart Irrigation Technology Retrofit Program	Broward County Environmental Planning and Community Resilience Division	Broward	\$21,859	\$10,930	\$0
WC-2019	Water Savings Irrigation Retrofits	City of Lauderdale Lakes	Broward	\$15,647	\$7,820	\$0
WC-2009	USEPA WaterSense High Efficient Toilet Replacement/Credit Program	Broward County Water and Wastewater Services	Broward	\$60,000	\$25,500	\$0
WC-2002 & WC-2007	Water Conservation Software Technology Projects	City of Cooper City	Broward	\$389,500	\$60,000	\$0
WC-2008	Automatic Flushing Plan Program	City of North Lauderdale	Broward	\$34,000	\$10,200	\$0
WC-2004	BWEN Irrigation Water Conservation Project	Bishopwood East of Forest Glen Neighborhood Association Inc. (BWEN)	Collier	\$41,415	\$17,600	\$17,600
WC-2016	Bayrock Grove Irrigation Monitoring	Agreserves Inc. DBA - Deseret Farms of Ruskin	Hendry	\$24,988	\$12,490	\$0
WC-2022	Indoor Plumbing Replacement	City of LaBelle	Hendry	\$35,960	\$26,970	\$0
WC-2013	Engineering Irrigation H2O Conservation Retrofit Project	Field Operations Division of Martin County Engineering Department	Martin	\$19,250	\$8,180	\$0
WC-2011	Residential High Efficiency Toilet Rebate Project 2017-2018	Miami-Dade Water & Sewer Dept.	Miami-Dade	\$202,373	\$100,000	\$0
WC-2012	Landscape Irrigation Evaluation and Rebate Project 2017-2018	Miami-Dade Water & Sewer Dept.	Miami-Dade	\$242,270	\$60,000	\$0
WC-2026	Water Conservation Software Technology Project FY2017 & FY2018	Miami-Dade Water & Sewer Dept.	Miami-Dade	\$57,000	\$17,100	\$0
WC-2018	Cistern Project at 2337 5 th Ave - Mana Building	Malux Realty, LLC	Miami-Dade	\$250,000 [c]	\$25,000 [c]	\$0
WC-2014	Cisterns in Paradise: Florida Keys Rain Catchment Initiative	Florida Keys Aqueduct Authority	Monroe	\$30,000	\$9,000	\$0

CFP No.	Project	Entity	County	Total Project Cost	Approved Funding	Expenditures to Date
WC-2023	Water Conservation Software Technology Project for Southwest Orange County	Orange County Utilities	Orange	\$169,981	\$50,990	\$48,858
WC-2015	Toilet Rebate Program	City of St. Cloud	Osceola	\$47,000	\$23,500	\$0
WC-2010	Automatic Line Flushing Devices	Toho Water Authority	Osceola	\$200,000	\$76,500	\$0
WC-2000	Nursery Overhead Efficiency Project	Palm Beach Soil and Water Conservation District	Palm Beach	\$40,000	\$20,000	\$20,000
WC-2024	Community Water Conservation Strategies, Phase VI - HET	City of West Palm Beach	Palm Beach	\$125,000	\$62,500	\$0
WC-2001	Automatic Line Flushers	City of Lake Worth	Palm Beach	\$67,500	\$28,690	\$0
WC-2025	Water Conservation Software Technology: Phase 2 & 3	City of West Palm Beach	Palm Beach	\$270,000	\$60,000	\$0
WC-2021	Solivita Irrigation Central Control Retrofit Project	AV Homes Inc.	Polk	\$1,957,535	\$100,000	\$0
WC-2027	Water Conservation Software Technology for Oak Hills water use area	Polk County BOCC	Polk	\$205,920	\$60,000	\$0
WC-2017	Irrigation Water Conservation Retrofit	Nettles Island, Inc. A Condominium	St. Lucie	\$33,046	\$9,910	\$0
WC Total				\$4,510,812	\$965,400	\$93,978

[c] cancelled; green = completed; blue = underway; white = not started.