Restoration Strategies Program Update
May 2017

The South Florida Water Management District's $880 million Restoration Strategies Program includes the design and construction of a suite of regional water storage, treatment and conveyance improvement projects that will further improve water quality in America's Everglades. The program also includes a robust Science Plan consisting of research activities focused on investigating the critical factors that influence phosphorus reduction and better understanding the sustainability of phosphorus removal performance at low phosphorus concentrations. The strategies also feature implementation of additional sub-regional source controls – where pollution is reduced at the source – in areas where phosphorus levels in stormwater runoff have been historically higher. Through March 2017, total program expenditures are approximately $253 million and all projects are scheduled to be complete by December 2025.

Eastern Flowpath

L-8 Flow Equalization Basin (FEB)

Substantial completion has been achieved for all project components except the outflow pump station; Four remanufactured pumps have been successfully retested and full discharge capacity is expected by May 11 when the final two pumps/motors are scheduled to be delivered; Substantial completion of the pump station is expected by May 31

Stormwater Treatment Area 1 West (STA-1W) Expansion #1

Construction is 51 percent complete; Completion expected December 2018

S-375 Expansion (G-716)

Construction was completed April 3, 2017

G-341 Related Conveyance Improvements

Bolles East L-16 Canal Segment 2 (~1 mile) construction was completed March 29, 2017; Segment 3 (~3.2 miles) design is complete and construction is expected to begin by June 2017

Central Flowpath

A-1 Flow Equalization Basin (FEB)

Operational Testing and Monitoring Phase (OTMP) is ongoing

Western Flowpath

Design activities to begin by 2019

Additional Components

Stormwater Treatment Area (STA) Science Plan

Nine studies to investigate the critical factors that influence phosphorus removal and better understand the sustainability of STA performance at low phosphorus concentrations are ongoing; Nine technical publications completed; Preliminary planning for the 2nd Five Year Work Plan (FY2018-2022) is ongoing

Sub-Regional Source Controls

A canal cleaning demonstration project and a water quality data and historical documentation summary project were completed in April 2017

Mecca Impoundment

Currently being evaluated as part of CERP's Loxahatchee River Watershed Restoration Project

www.sfwmd.gov/restorationstrategies

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Consent Order[1] Milestones
(with deadlines or completion dates ranging from June 2016 through May 2018)

Project: Activity	Deadline	Date Completed	Days +/- [2]
Eastern Flowpath			
S-5AS Modifications: Complete Construction	9/30/2016	5/28/2016	+125
L-8 Divide Structure: Initiate Construction	10/1/2016	9/11/2014	+751
L-8 FEB: Complete Construction	12/31/2016		
STA-1W Expansion #1: Construction Status Report	3/1/2017	2/21/2017	+8
STA-1W Expansion #1: Construction Status Report	3/1/2018		
STA-1W Expansion #2: Complete Land Acquisition	3/31/2018		
L-8 Divide Structure: Complete Construction	9/30/2018	7/7/2016	+815
S-375 Expansion: Complete Construction	12/31/2018	4/3/2017	+637
Central Flowpath			
A-1 FEB: Complete Construction	7/30/2016	7/24/2015	+372
Western Flowpath			
Design activities to begin by 2019			

1: FDEP Consent Order 12-1148 (associated with National Pollutant Discharge Elimination System Permit No. FL0778451-001-FL7A/RA) and FDEP Consent Order 12-1149 (associated with Everglades Forever Act Permit No. 0311207)
2: + = days ahead; - = days behind

Photo of the Month

S-375 Expansion (G-716) in STA-1E, Palm Beach County (looking west) – April 2017