

L-8 Flow Equalization Basin

Part of Restoration Strategies

FYI



PROJECT PURPOSE: The L-8 Flow Equalization Basin (FEB), completed July 2017, is one of a suite of projects in the State of Florida's \$880 million Restoration Strategies plan to improve water quality in the Everglades. Initially, the deep-storage reservoir will function as a multipurpose FEB to capture, store and deliver water to two Stormwater Treatment Areas (STAs), the local basin and for other restoration purposes. When a planned expansion of nearby STA-1 West and other ongoing projects are completed, the L-8 FEB will transition to primarily storing runoff and delivering flows to optimize treatment performance of STA-1 East and STA-1 West.

Project Benefits

- Captures and temporarily stores peak stormwater flows
- Allows water managers to move water into STAs at a steady rate to optimize STA performance
- 58-foot deep reservoir stores 45,000 acre-feet, or 15 billion gallons, of water to maximize water quality improvement capabilities to the Everglades
- Accepts up to 3,000 cubic feet per second (cfs) of stormwater inflows
- Pumps stored water out at a discharge rate of up to 450 cfs to STAs for treatment

Key Project Milestones

2012

Florida's Restoration Strategies Plan is approved by the U.S. Environmental Protection Agency

2017

The L-8 Flow Equalization Basin is finished and begins operating



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