SFWMD Program and Project Update

South Florida Ecosystem Restoration Task Force Working Group/ Science Coordination Group Meeting
January 28, 2021

Megan Jacoby, Principal Federal Policy Analyst
Ecosystem Restoration & Capital Projects
Restoration Projects

- **State Projects**
  - Restoration Strategies Program
  - Everglades Construction Project
    - STAs
  - Northern Everglades and Estuaries Program
    - Dispersed Water Management

- **Federal Projects**
  - South Florida Ecosystem Restoration Program
    - CERP and non-CERP

[Map Link](https://sfwmd.maps.arcgis.com/apps/MinimalGallery/index.html?appid=1facf32f199240b49a326432258c102f)
Focus on Restoration

- Governor DeSantis’ Executive Order 19-12
  - Achieving More Now for Florida’s Environment
  - Focus:
    - Water quality, quantity and supply improvement

- State support for Everglades restoration
  - FY2020 - $370M
  - FY2021 - $368M
Focus on Restoration

- Improve water quality, reduce discharges and send water south
  - Storage
  - Treatment
  - Operational flexibility
- Increase monitoring and pollution control
- Coastal resiliency
- Exotic species control
Storage North

- Lake Okeechobee Watershed Restoration Project
  - Aquifer Storage and Recovery (ASR) well program
  - Phased evaluation, implementation and monitoring
  - Science plan
Storage East and West

- **C-44 Reservoir**
  - STA completed January 2021

- **C-43 Reservoir Completion - 2023**
Storage South

- Everglades Agricultural Area Reservoir
- Site Activity:
  - Canal Conveyance Improvements
    - Preliminary design report
      March 2021
    - Inflow/Outflow Canal site preparation - April 2020
    - Canal excavation - July 2020
- Agency coordination with FPL and USACE
Treatment

- EAA Stormwater Treatment Area
  - Completion - 2023
  - Blasting and excavation of Inflow/Outflow initiated August 2020
  - STA final design received, and cell construction expected early 2021

https://youtu.be/IdRn46gUdKU

Presenter – Megan Jacoby
- 57,000 acres of STAs
  - Additional 6,500 acres through Restoration Strategies
- ~1,000,000 ac-ft treated
- ~80% phosphorus reduction
## Restoration Strategies Program
and Stormwater Treatment Area Enhancement Update

October 2020

### EASTERN FLOW PATH

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### WESTERN FLOW PATH

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### L-8 Divides Structure (100817)

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### S-375 Expansion (100815)

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### C-139 FEB (100867)

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### Legend

- Flow equalization basin
- Stormwater Treatment Area
- Conveyance Improvement
- Construction

www.sfwmd.gov/restorationstrategies

Rev 09-24-2020
Presenter – Megan Jacoby
Operational Flexibility

- CEPP North – S-620 culvert design

- CEPP South - Old Tamiami Trail Removal
  - Under construction
  - Expected completion January 2022
  - Powerline removal complete

- CEPP South - S-333N
  - Under construction
  - Expected completion December 2020
Some Structures closed and L-29 Canal limited to 8 ft

Structures open & L-29 Canal stages to 8.5 up to 90 days

New culverts out of WCA 3A & L-29 at 8.5

Wet Season Discharge
Approx. 600 KAC-FT

Wet Season Discharge
Approx. 800 KAC-FT

Wet Season Discharge
Approx. 1,000 KAC-FT