

Update on STAs and Related Projects

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EAA Compartment C STA Buildout



Purpose: The development of additional Stormwater Treatment Area (STA) to further improve the quality of water discharging to the Everglades Protection Area (EPA) by assisting with the redistribution of flows and loads to the STA system.

Completed

- Phase 1 – Initial Expansion
- STA-5 Flow-way 3 (1,985 Acres of Treatment Area)
- STA-6 Section 2 (1,387 Acres of Treatment Area)
- Phase 2 Build-Out (4,850 Acres of Treatment Area) – Design of Civil Works
- Pump Equipment Contract executed

Under Design

- Phase 2 – Pump Station Final Design

**Everglades Protection Area Tributary Basins
Long-Term Plan for Achieving Water Quality Goals**



EAA Compartment C STA Buildout



- **Accomplishments to Date:**
 - **Complete Final Design-Civil Works**
 - **Completed Pre-Final Design-Pump Station**
 - **Purchased Pumps, Gear Reducer and Engines for Pump Station**
 - **Civil Works contract awarded at March Governing Board**
 - **USACE completed Record of Decision and Compartment C 404 permit prior to March 12, 2009 Governing Board**
 - **Land Use Change received**
- **What's Next:**
 - **Complete Final Design-Pump Station**
 - **Start Construction – Civil Works**
 - **NTP scheduled for April 6, 2009**
 - **Pump Equipment Manufacturing**
- **Construction Completion**
 - **Flow Capable Civil Works 2010**
 - **Permanent Pump Station 2011**



EAA Compartment C STA Buildout Risk



- Notice-to-Proceed of April 6, 2009
- Flow Capable Date - December 31, 2010
 - No Float in Schedule
- Final Completion of Pump Stations - December 2011
- Severe Weather can Delay Flow Capable Date
 - Hurricanes
 - Above Average Rainy Seasons
- Contractor Bankruptcy
 - Extreme changes in Fuel or Materials can create financial hardships



EAA Compartment B STA Buildout



- **Accomplishments to date:**
 - **Complete Final Design-Civil Works**
 - **Completed Final Design-Pump Stations**
 - **Complete Pump Equipment Contract Process**
 - **FDEP Permit received on March 17, 2009 with condition to re-design project discharge to Water Conservation Area 2A**

- **What's next:**
 - **Start Construction – Civil Works**
 - **North Bids received Dec 11, 2008**
 - **South Bids received Dec 16, 2008**
 - **USACE Permit Decision scheduled for April 2009**
 - **Complete Final Design Bid Solicitation Decision - Pump Stations**
 - **Issue Bid Solicitations for construction of Pump Stations**
 - **Re-Design of Project Discharge to Water Conservation Area 2A**

- **Construction Completion**
 - **Flow Capable Civil Works 2010**
 - **Permanent Pump Stations 2011**

**Everglades Protection Area Tributary Basins
Long-Term Plan for Achieving Water Quality Goals**



Compartments B Permits



- **Compartment B**
 - USACE scheduled to complete Compartment B 404 permit prior to the April Governing Board
 - DOI to complete Land Use Change prior to the April Governing Board
- **Governing Board approval of civil works contracts will be delayed until receipt of Permits and Land Use Change**
 - May require re-bid
 - Cost impact to Owner Purchased pump procurement
- **Delay pushes start of construction into rainy season**