



# Projects Update



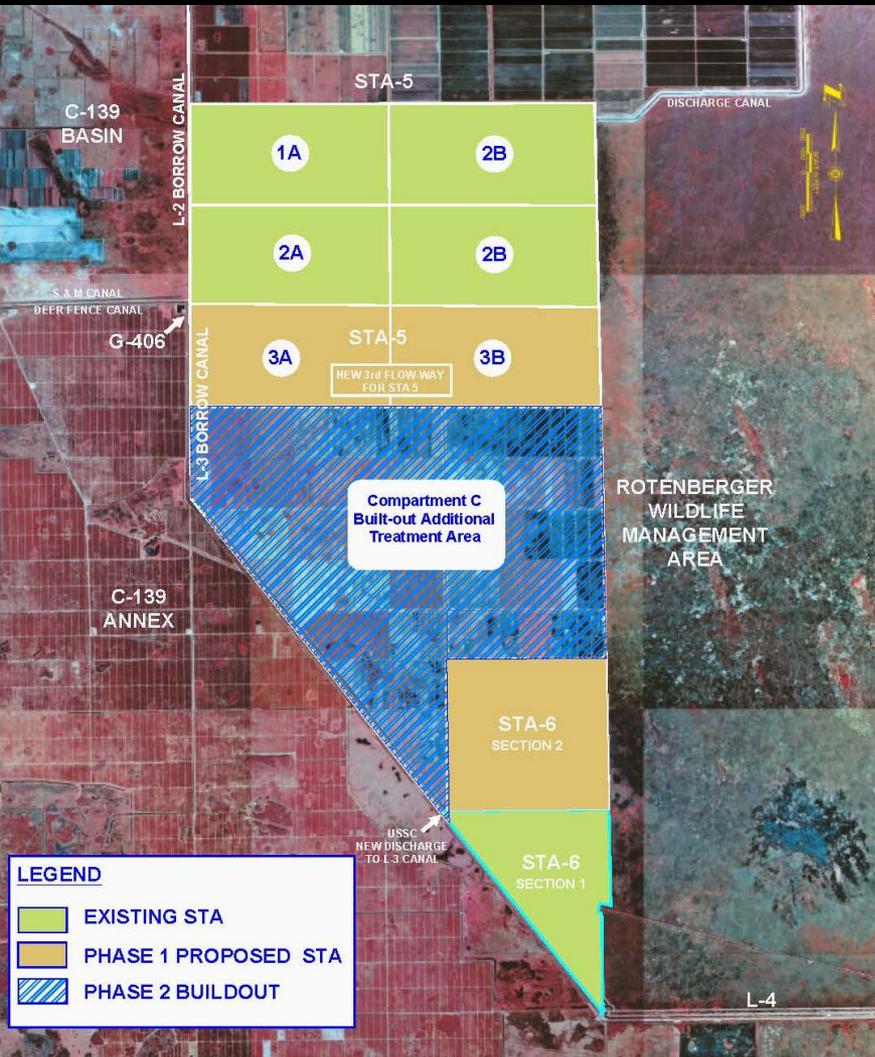
STAs and Related Projects Update – Part 2

Technical Oversight Committee  
Quarterly Meeting  
May 31, 2011

John Mitnik, P.E.  
South Florida Water Management District



# 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
  - Design of Civil Works(4,850 Acres of Treatment Area)
  - Pump Equipment Contract executed
  - G-508 Pump Station Final Design



# **EAA Compartment C STA Buildout**



- **Accomplishments to Date:**
  - **Completed Final Design-Civil Works**
  - **Completed Final Design-Pump Station**
  - **Purchased Pumps, Gear Reducer and Engines for Pump Station**
  - **Civil Works contract awarded at March 2009 Governing Board**
  - **USACE completed Record of Decision and Compartment C 404 permit prior to March 12, 2009 Governing Board**
  - **Land Use Change received**
  - **Started construction – Civil Works**
    - **NTP April 6, 2009**
  - **Started construction of G-508 pump station**
    - **NTP September 1, 2009**
  - **Completed Pump Equipment Manufacturing**
  - **Achieved Flow Capable Civil Works Milestone**
- **What's Next:**
  - **Continue construction of Civil Works**
  - **Continue construction of G-508 pump station**
- **Construction Completion**
  - **Civil Works Final Completion August 2011**
  - **Permanent Pump Station March 2012**



# **EAA Compartment C STA Buildout Jan 2011 & April 2011**



**Everglades Protection Area Tributary Basins**

**EAA Compartment C STA Buildout  
G-509 Pump Station  
Dec 2010 & April 2011**



**Everglades Protection Area Tributary Basins**



# G-508 Pump Station



**Everglades Protection Area Tributary Basins**



# EAA Compartment B 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-2 Cell 4  
(1,902 Acres of Treatment Area)
- Phase 2 - Build-out  
(6,722 Acres of Treatment Area)
  - Design of Civil Works
  - Final Design Report for G-434, G-435, & G-436 Pump Stations
  - Pump Equipment Contract executed

**Everglades Protection Area Tributary Basins**



# EAA Compartment B STA Buildout



- **Accomplishments to date:**
  - Completed Final Design-Civil Works
  - Completed Final Design-Pump Stations
  - Completed Pump Equipment Contract Process
  - FDEP Permit received on March 17, 2009
  - USACE Permit Decision received May 2009
  - Started Construction – Civil Works
    - NTP June 1, 2009 for North and South Buildouts
  - Started Construction – Pump Stations G-434, G-435 & G-436
    - NTP September 14 & 17, 2009
  - Started Construction of Bridges at G-434 and G-435
    - NTP August 16, 2010
  - Completed Re-Design of Project Discharge at L-6 Canal to Water Conservation Area 2A
  - Completed Pump Equipment Manufacturing
  - Achieved Flow Capable Civil Works Milestone
  - **Completed Bridges for G-434 and G-435 – May 2011**
  
- **What's next:**
  - Continue construction of Civil Works
  - Continue construction of Pump Stations
  
- **Construction Completion**
  - **Civil Works Final Completion – July 2011**
  - Permanent Pump Stations – February 2012



# **EAA Compartment B STA North Buildout North Levees Jan 2011 & April 2011**



**Everglades Protection Area Tributary Basins**

**EAA Compartment B STA North Buildout  
G-443 A & B  
Jan 2011 & April 2011**



**Everglades Protection Area Tributary Basins**



# G-434 Pump Station

## Jan 2011 & April 2011



**Everglades Protection Area Tributary Basins**



# G-435 Pump Station



**Everglades Protection Area Tributary Basins**

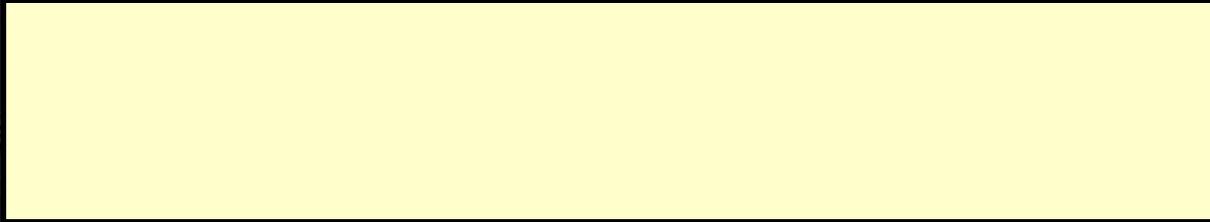


# G-436 Pump Station

Jan 2011 & April 2011



**Everglades Protection Area Tributary Basins**



**Questions?**