



# Projects Update



Quarterly Meeting of the  
Technical Oversight Committee

January 29, 2009

Jeff Kivett, P.E.

South Florida Water Management District

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



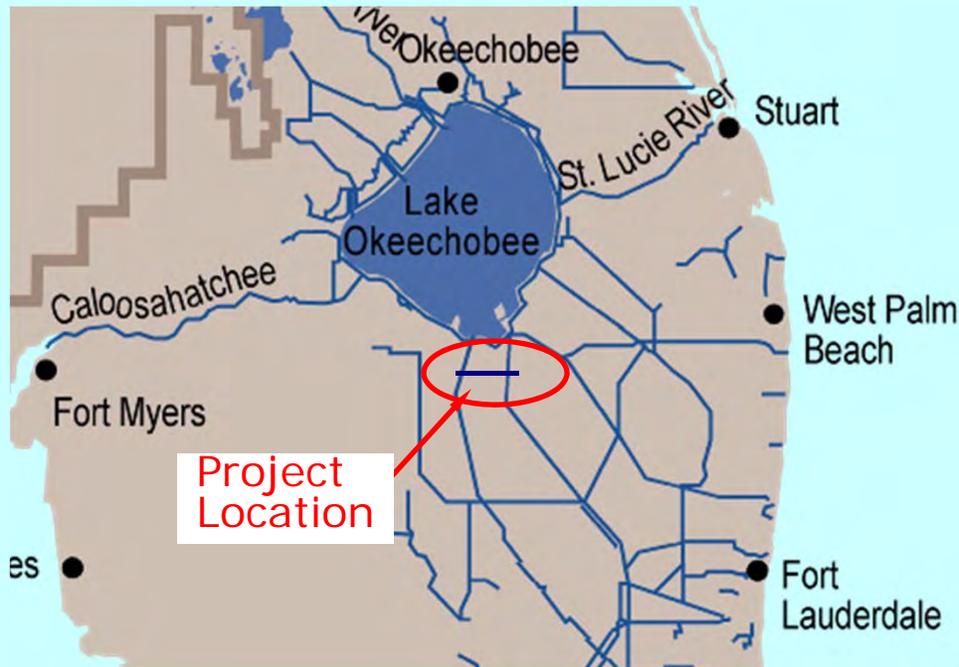
# EAA Reservoir A-1



- Accomplishments to date:
  - Mobilization, and 12 miles of seepage canal completed and 22 miles of muck removal (GMP 1 & 3) .
  - Rock mining aggregate production suspended (GMP 2).
- Current Status:
  - **Construction was suspended pending and results of NRDC lawsuit.**
  - Construction contract expired on November 30<sup>th</sup>, 2008.



# Bolles (L-21) Canal Improvements



- Basis of Design Report complete
- Project on hold pending resolution of River of Grass Land Acquisition issues

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# Compartment B – Phase 2

## Compartment B Build-out



- **Accomplishments to date:**
  - **Complete Final Design-Civil Works**
  - **Completed Pre-Final Design-Pump Stations**
  - **Complete Pump Equipment RFP Process**
  
- **What's next:**
  - **Start Construction – Civil Works**
    - **North Bids received Dec 11, 2008**
    - **South Bids received Dec 16, 2008**
    - **FDEP Permit Decision scheduled for January 30, 2009**
  - **Complete Final Design-Pump Stations**
  - **Complete Pump Equipment Contract**
  
- **Construction Completion**
  - **Civil Works 2010**
  - **Permanent Pump Stations 2011**



# Compartment C STAs



**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)
- Compartment C Build-Out (4,850 Acres of Treatment Area) – Design of Civil Works

## Under Design

- Phase 2 - Build-out
- Phase 2 – Pump Station Pre-Final Design

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# Compartment C – Phase 2

## Compartment C Build-out



- **Accomplishments to Date:**
  - **Complete Final Design-Civil Works**
  - **Completed Preliminary Design-Pump Station**
  - **Purchased Pumps, Gear Reducer and Engines for Pump Station**
  
- **What's Next:**
  - **Complete Pre-Final Design-Pump Station**
  - **Start Construction – Civil Works**
    - **Bid received Dec 10, 2008**
    - **Recommendation of Contract Award at February Board**
  - **Start Pump Equipment Manufacturing**
  
- **Construction Completion**
  - **Civil Works 2010**
  - **Pump Station 2011**



# Compartments B and C EIS

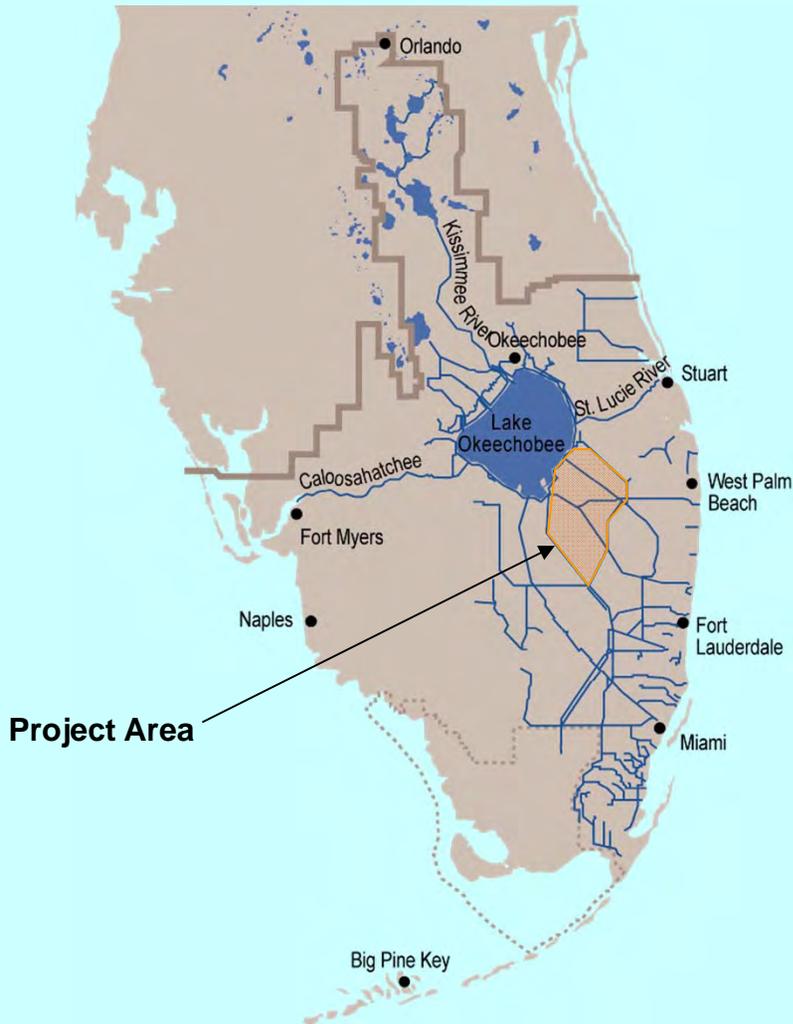


- Schedule

- Final EIS under public comment through February 9, 2009.
- USACE scheduled to complete Record of Decision and Compartment C 404 permit prior to February 12, 2009 Governing Board.
- USACE scheduled to complete Compartment B 404 permit upon receipt of FDEP permit prior to the March Governing Board.



# EAA Conveyance and Regional Treatment (ECART) Project



## Project Purpose:

Redistribution of flows and loads to optimize the performance of the existing and expanded STAs to improve water quality in the EPA.

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# EAA Conveyance and Regional Treatment (ECART) Project



- Accomplishments to Date:
  - Completed Feasibility Analysis of Alternatives 1C & 1D
  - Initiated Preliminary Survey
  - Completed Preliminary Geotechnical
  - Completed Preliminary Survey
  
- What's Next:
  - Project on hold pending outcome of River of Grass Land Acquisition issues



# L-8 Reservoir Pumps Status



## Temporary Outflow Pumps

- Permit for 150 cfs outflow capacity
- Pumps operational up to 150 cfs

## Seepage Test

- Reservoir is being drawn down for Contractual Performance Seepage Test Prior to turn over of Project to District



L-8 Reservoir



Farmer Pump



Drawdown of Reservoir



Connection to Culvert



MWI Pump Intake

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