Topics

- Hot Project Topics
- CERP Update
- Program Efforts
South Florida Ecosystem Restoration

Current Program

- Modified Water Deliveries to ENP
- Kissimmee River Restoration
- Critical Projects Program
- Continuing Authorities Program (1135, 206)

Central & Southern Florida Project

- Upper St Johns
- Manatee
- C-51 / STA-1E
- C-111
- CERP
MWD Project Completion Status

- Constructed S-355 A and S-355 B in L-29 levee
- Raised Tigertail Camp
- Degraded lower 4 miles of the L-67 extension canal and levee
- Constructed Interim S-356 pump station for seepage control
- Contact awarded for construction of Alternative 6D for the 8.5 SMA
- Final RGRR/SEIS for Tamiami Trail Modifications
8.5 SMA Contract Underway

Awarded on 20 Sept 2005
For $16.99 million – 395 days
Working HTRW Issues
Tamiami Trail - Selected Plan
2 Mile Bridge West and 1 Mile Bridge East
Construction to Begin in 2007
South Florida Ecosystem Restoration continued

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Kissimmee River Restoration

- **Authorization:** WRDA 92
- **Purpose:** Environmental Restoration
- **Features:** 22 Miles of Canal Backfilling, Levees, Control Structure Expansion, Canal Enlargement, and Structure Removal, Land Acquisition
- **Project Cost:** $572.4M
- **Cost Share:** 50/50
- **Status:**
  - Construction Underway,
  - 1st backfill contract for 7 miles complete
  - Flood proofing underway.
  - Land Acquisition complete.
  - Second backfill contract awarded to restore 4 more miles
  - Completion in 2011
South Florida Ecosystem Restoration continued

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Critical Ecosystem Restoration Projects

Special Program authorized by Congress in 1996 at total cost of $150 million

1. Keys Carrying Capacity
2. C-4 East Coast Canals
3. Western C-11
4. Seminole-Big Cypress
5. Ten Mile Creek *
6. Lake Okeechobee *
7. Southern CREW
8. Tamiami Trail Culverts
9. Lake Trafford Restoration

* Dedication held 27/28 April
Central & Southern Florida Project

- Upper St Johns
- Manatee Protection
- C-51 STA-1E
- C-111
- Miami Canal Study
- Comprehensive Everglades Restoration Plan
  - 10 Initial Projects
  - Pilot Projects
  - ASR Pilots
  - Other Projects
  - Indian River Lagoon
  - Southern Golden Gate

South Florida Ecosystem Restoration

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    - CERP
CENTRAL AND SOUTHERN FLORIDA PROJECT
West Palm Beach Canal (C-51) / STA 1E

PROJECT COSTS

<table>
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<tr>
<th>Category</th>
<th>Amount</th>
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<tr>
<td>Total</td>
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<tr>
<td>Non-Fed</td>
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COST SHARING: 91/9

SPONSOR: SFWMD

PURPOSE: Flood Control, Water Quality, Water Supply

STATUS: Construction complete with transfer to SFWMD for operations. PSTA field test contract awarded. L-40 work under design with award in fall 2006
Central & Southern Florida Project

- Upper St Johns
- Manatee Protection
- C-51 STA-1E
- C-111
- Miami Canal Study
- Comprehensive Everglades Restoration Plan

10 Initial Projects
- Pilot Projects
- ASR Pilots
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South Florida Ecosystem Restoration
- Current Program
- Modified Water Deliveries to ENP (Funded thru OCA)
- Kissimmee River Restoration
- Critical Projects Program
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- Central & Southern Florida Project

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- CERP
CEN\_RAL AND SOUTHERN FLORIDA PROJECT
SOUTH DADE COUNTY (C-111)

LOCATION MAP

PROJECT COSTS

Total $274,670,000
Federal $137,335,000
Non-Fed $137,335,000

COST SHARING: 50/50

SPONSOR: SFWMD

PURPOSE: Environmental Restoration, Flood Control, and Water Supply

STATUS: Design continuing on next phase of buffer construction. Construction to be resumed next FY. Completion 2011.
Lake Okeechobee

CERP
1. Lake Okeechobee Watershed - PIR underway, Alternatives Comparisons underway to id TSP. Coordinating with LOER.
2. C-43 Basin Reservoir - PIR for west Reservoir ongoing. Plan for PIR for upper basin being developed

Other Projects
1. Lake Okeechobee Regulation – Pulse releases being continued. New Regulation study ongoing with alternatives posted. Completion this December.
Aquifer Storage & Recovery

1. Lake Okeechobee, Hillsboro, C-43 ASR Pilots - Construction contract to be awarded early summer for Lake Okeechobee sites, C-43 site being modified. SFWMD constructing Hillsboro site.

2. Regional ASR Study - Study underway. Baseline data collection

3. ASR Contingency Plan – Planning effort commenced. First task is to look at optimization of CERP reservoirs around Lake.
Everglades Agricultural Area

CERP
1. EAA Storage Reservoirs
   - Tentatively Selected plan includes earthen zoned levee with 12 foot pool and 360k acre-feet of storage
   - Consultation presentation tomorrow
   - Coordination with A8 program ongoing for Cell 1 by SFWMD.
   - To repost draft this summer with revised ops plan.
Upper East Coast

CERP
1. Indian River Lagoon
   - Report transmitted to Congress
   - Detailed design underway for project features – C-44 by SFWMD, C-23/24 reservoirs by Corps
CERP
1. North Palm Beach County
   - PIR Underway with TSP in Dec 2006
2. Winsberg Farms
   - PIR underway with release of draft report pending resolution of embankment design.
   - TSP involves creation of wetland area using treated wastewater to rehydrate groundwater
1. Acme Basin B
   - PIR Suspended
   - SFWMD proceeding with design, Corps processing permit

2. Strazzulla – PIR Suspended

3. Site 1
   - PIR draft updated to include assurances and identification of water to be reserved. Revised draft review complete. Final report being processed to Washington.

4. Broward County WPA – includes C-9, C-11, and WCA 3A/3B Seepage management
   - PIR consultation tomorrow
   - Revised Draft will be reposted this summer
CERP

1. Biscayne Bay Coastal Wetlands
   - PIR underway, Alternative plans being analyzed
   - Briefed at Working Group
   - Challenge is availability of water

2. ENP Seepage Management
   - PIR Underway to include Bird Drive Basin New schedule and plan developed
CERP
1.  WCA Decomp – Part 1
   - PIR underway with Plan
   for adaptive management
   approach developed

2.  C-111 Spreader Canal
   - PIR underway, Presentation to
   WG on alternative plan
   analysis with bridge location
   selected.

3.  L-31 Seepage Pilot – Pilot
    Project design report under
    way for L-30 location for cut-
    off wall

Other Projects
1.  CSOP
   - Work underway in
   coordination with CSOP AT.
   Brief tomorrow.  TSP
   identified.
Florida Bays, Florida Keys

CERP
1. Florida Keys Tidal Improvement (CERP)
   - PIR restarted with focus on “pilot” type project

2. Florida Bay/Florida Keys Feasibility Study
   - Study underway, Efforts to date have focused on model development,
     - Alternative development now underway

Map of Florida showing locations such as Orlando, Tampa, Fort Myers, West Palm Beach, Miami, Key West, and the Everglades National Park.
Lower West Coast

CERP
1. Southwest Florida Feas Study underway
   - Team working to define/refine alternatives
2. Lakes Park
   - PMP complete. PIR underway
4. Picayune Strand (Southern Golden Gate Estates)
   - Chief's report signed, Under review at ASA(CW)
Guidance Memoranda
Current Status

- GM’s 1, 2, 3, 5, and 6 complete
- GM 4 on Identification of water still under going revision to simplify process. Technical team has refined process.
Interim Goals and Interim Targets

- Agreement drafted, under going revision.
- Presentation on proposal for path forward later on agenda
5 Year Report to Congress

- Final report is with ASA(CW) for coordination with OMB prior to submittal to Congress
- Report provides snapshot of accomplishments over first 5 years of CERP implementation.
Other Ongoing Efforts

- Comprehensive Water Quality Feasibility Study – Working with State DEP to finalize agreement for study.
- Special Report on Exotics completed. PIR type document to be prepared.
- Work Continuing on refinement of Updated 2x2 for CERP.
- New model development – REMER effort terminated. Focusing all efforts on RSM model but it will be late 2007/2008 before fully operational.
Questions?