

2011 Priority Water Body List and Schedule

**Governing Board Meeting
March 10, 2011**

**Kenneth G. Ammon, P.E.
Deputy Executive Director
Everglades Restoration and Capital Projects**

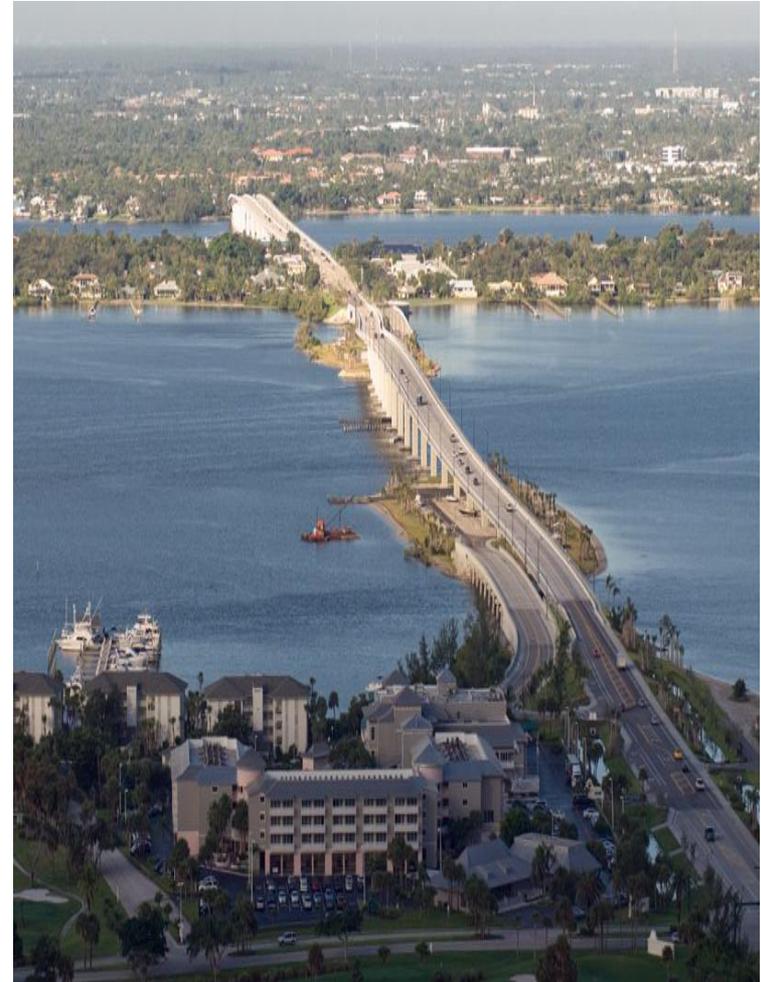
Presentation Outline

- Purpose and Approach
- Priority List and Schedule
- Recommendation



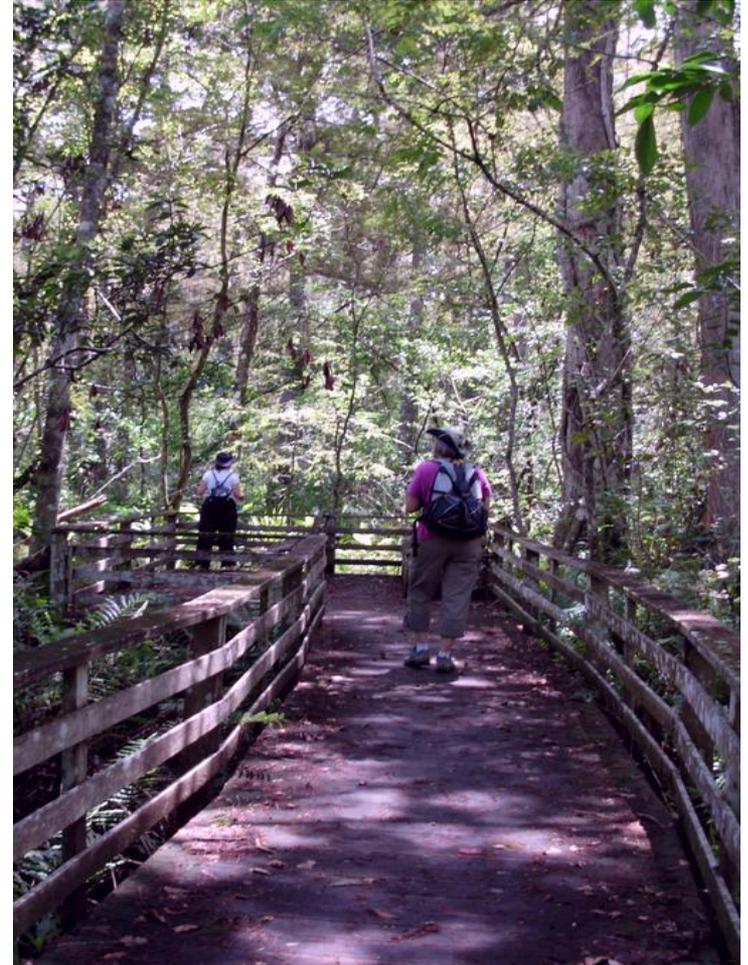
Purpose of Annual Priority List and Schedule

- Annual priority list and schedule for setting Minimum Flows and Levels (MFLs) required by Florida law
- Governing Board given opportunity to review, modify and approve
- Florida Department of Environmental Protection reviews annual update

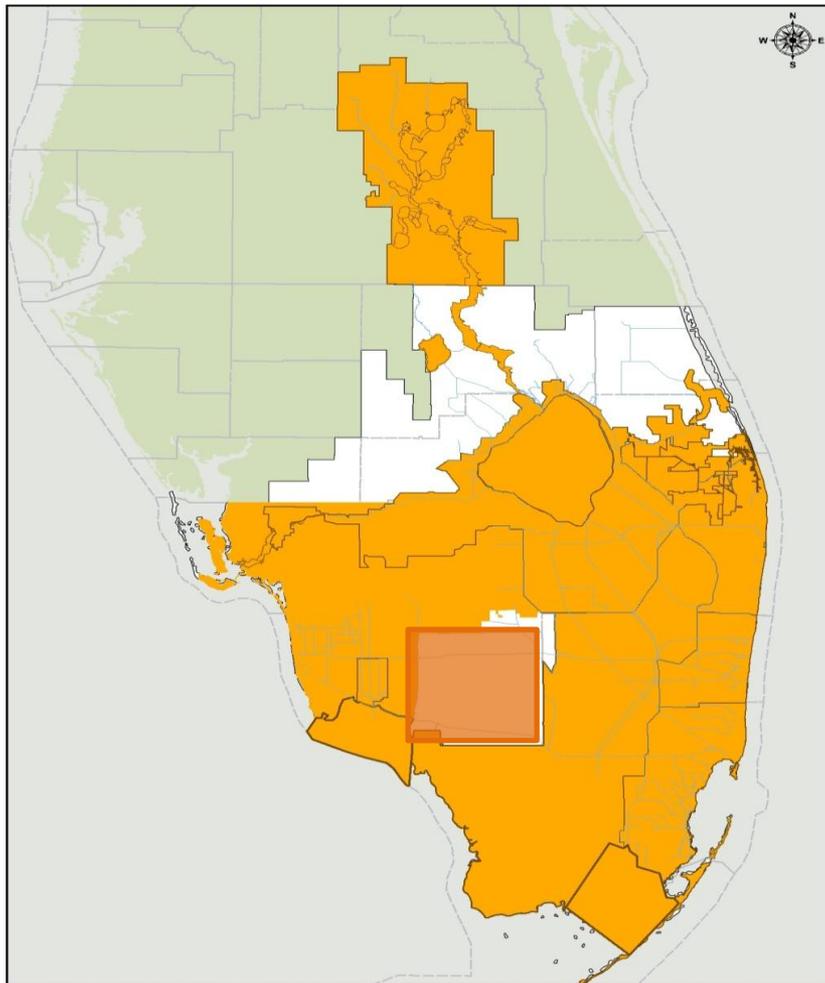


Purpose of Annual Priority List and Schedule (Cont.)

- Includes minimum flows and levels
- Plus water reservations and restricted allocation area rules
- Covers five years (2011 – 2015)



Existing Rules Protecting Water for the Natural System



In addition to regulatory criteria for water use

- Minimum Flows and Levels
- Water Reservations
- Restricted Allocation Areas

 Protection afforded by Preserve

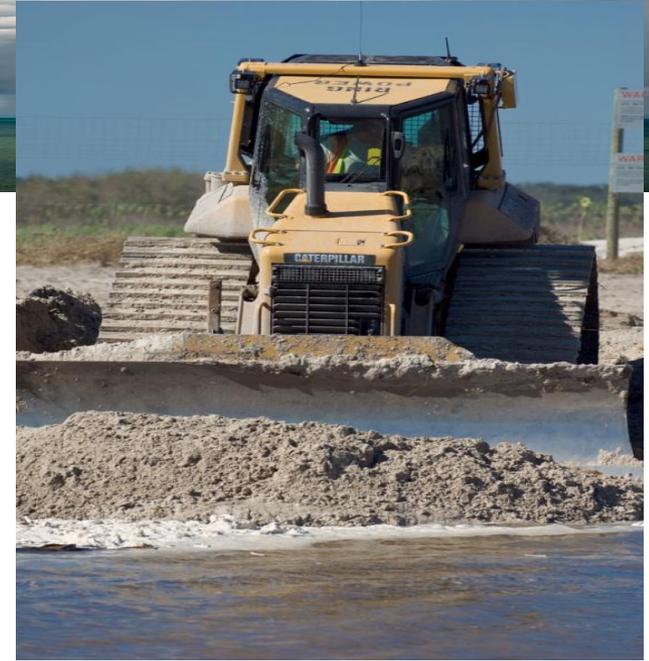
2010 Accomplishments

- Adopted Water Reservation for North Fork of St. Lucie River
- First successful verification of Restricted Allocation Area rule to fulfill federal requirement for CERP projects
 - Site 1 Impoundment

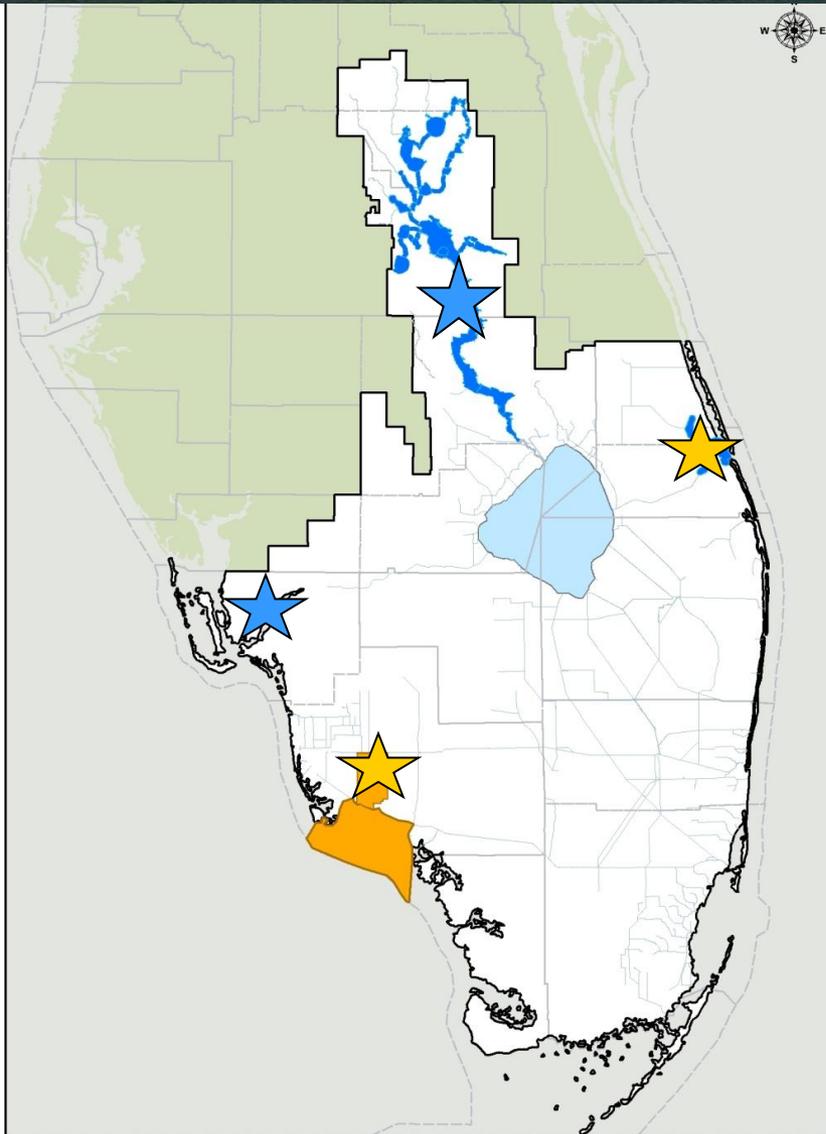


2011 Priority List Approach

- Restoration projects:
CERP and non-CERP
 - Protection required for
CERP projects
- Water bodies not covered
by specific rules
 - Initiate assessments to
determine if additional
regulations needed
- Update established MFLs



2011 Priority Water Bodies



Draft Water Reservation rules
for restoration projects:

- ★ Caloosahatchee Estuary - 2012
- ★ Kissimmee River and Chain of Lakes - 2012

2011 Priority Water Bodies (Cont.)



Draft Restricted
Allocation Area rule for
CERP restoration
project:

- Biscayne Bay - 2012

2011 Priority Water Bodies (Cont.)

Document that existing
Restricted Allocation
Area rule protects water
provided by CERP
projects

- Broward County
Water Preserve
Areas
- C-111 Spreader
Canal Western



2011 Priority Water Bodies (Cont.)

Minimum Flows and Levels – Update

- For Caloosahatchee Estuary, continue collecting and analyzing data and developing models to revise the MFL criteria
- For Florida Bay, complete technical evaluation and its documentation, then consider whether MFL criteria rule needs to be updated



2011 Priority Water Bodies (Cont.)

Factors influencing schedule:

- New procedures by Office of Fiscal Accountability and Regulatory Reform
 - Submittal of existing rules
 - Submittal of draft rules
- Budget priorities for next five years



For Consideration on Future Priority Water Body Lists

- Initiate assessments to determine if additional regulations necessary to protect:
 - Estero Bay
 - Rookery and Naples Bays
- Dependent on budget priorities



Summary

2011-2015 Priority Water Bodies

- Water reservations:

 - Caloosahatchee Estuary

 - Kissimmee River and Chain of Lakes

- Restricted allocation areas:

 - Biscayne Bay

- Minimum flows and levels – Update:

 - Caloosahatchee Estuary

 - Florida Bay

Recommendation – Approve Resolution

A RESOLUTION OF THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT TO AUTHORIZE SUBMITTAL OF THE PROPOSED 2011 PRIORITY WATER BODY LIST AND SCHEDULE FOR MINIMUM FLOWS AND LEVELS TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) FOR REVIEW AND APPROVAL PURSUANT TO SECTION 373.042(2), FLORIDA STATUTES; PROVIDING AN EFFECTIVE DATE.

Thank you

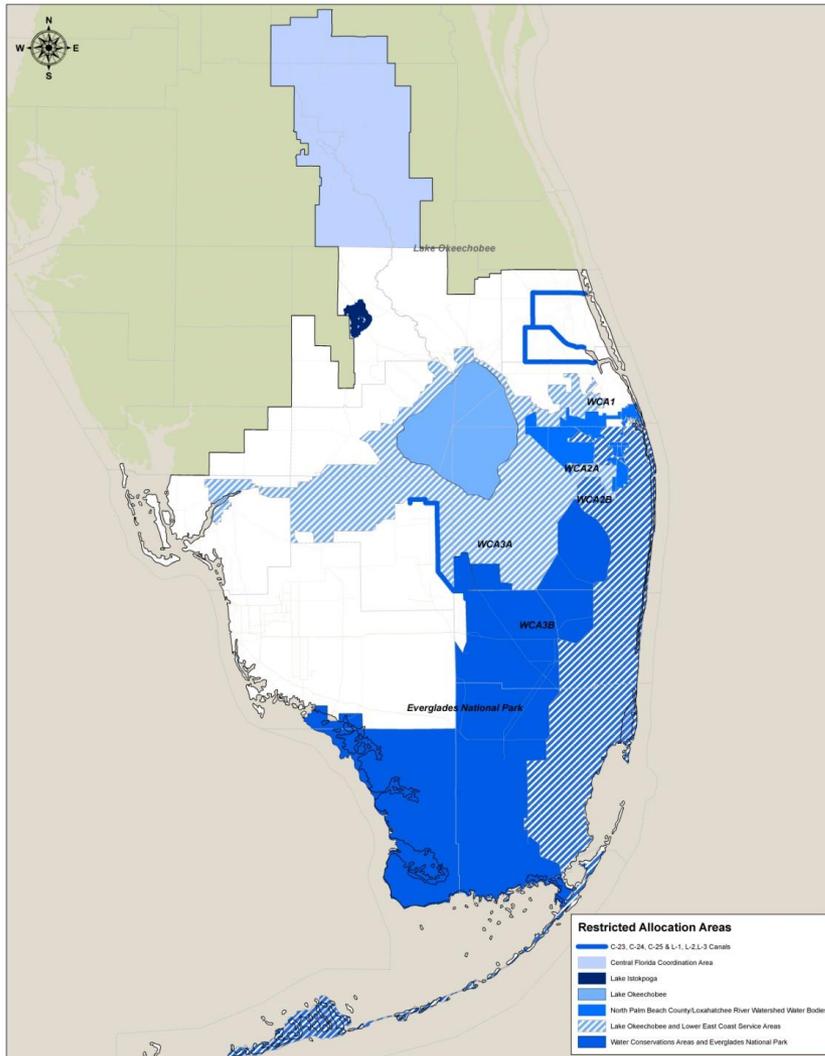
Minimum Flows and Levels Rules

- When assessing watershed, need to consider purpose and effect of additional regulatory criteria versus effect of other types of changes
- Consider changes and structural alterations to watersheds, surface waters or aquifers that affect the MFL, such as
 - Sea level rise
 - Land use changes
 - Structural diversions

How is Water for Natural System Protected?

- For Minimum Flows and Levels, improvement predicated on implementing Recovery or Prevention Strategy as well as issuing permits
- Restricted Allocation Areas and Water Reservations establish a baseline that prevents future allocations

Restricted Allocation Areas



Criteria for Permit Issuance – 373.223(1), F.S.

- reasonable, beneficial – “economic and efficient utilization”
- does not interfere with presently existing legal use
- consistent with the public interest