

C-51 Reservoir Partnership Study

*Presented by Dean Powell, SFWMD, to the joint Palm
Beach/Broward County Water Resources Task Force meeting
on January 28, 2010*



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Initial Utility Sponsors

- Broward County
- Ft. Lauderdale
- Hollywood
- Palm Beach County
- Pompano Beach
- Plantation
- Sunrise

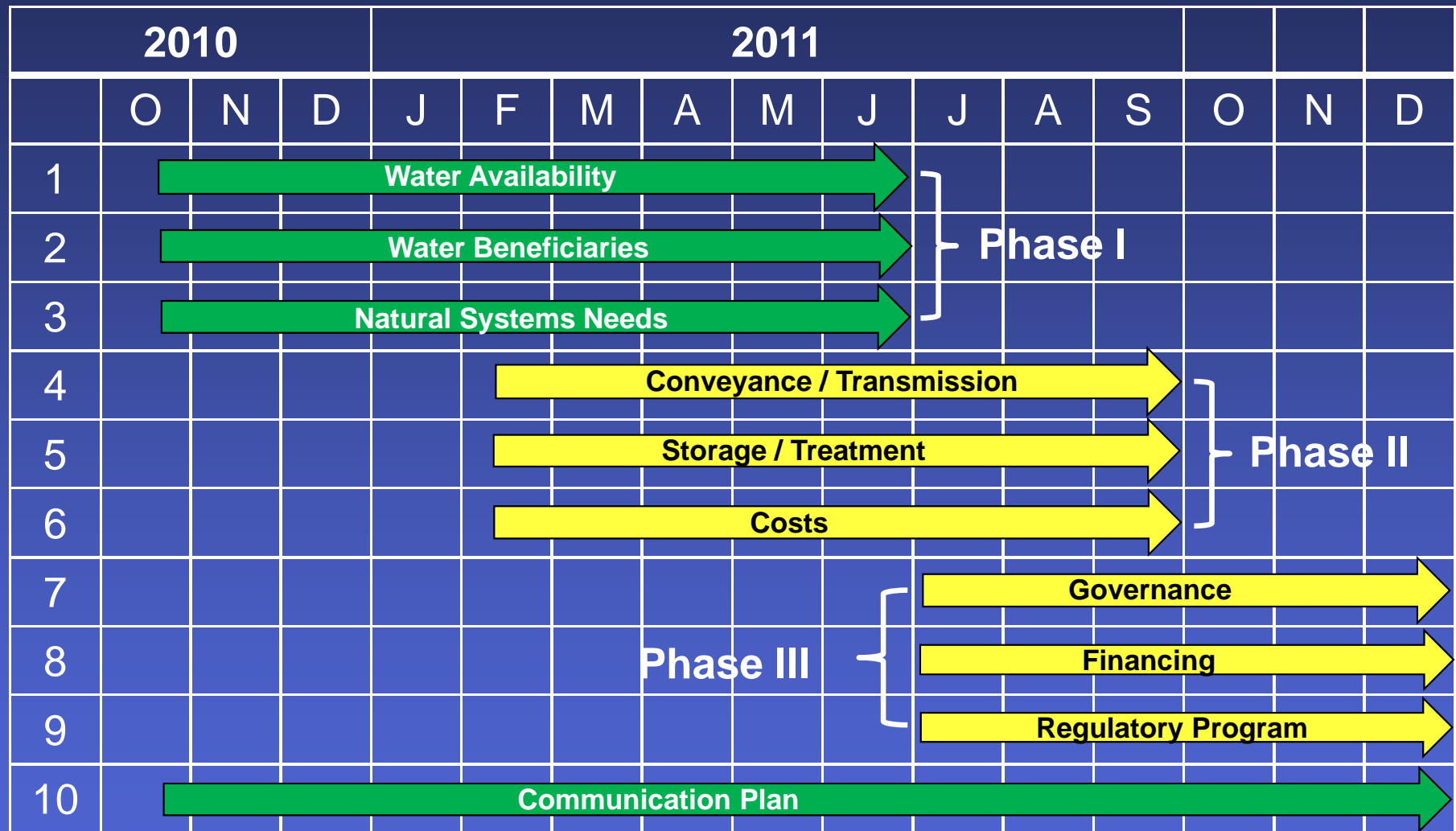
Project Concept

- ❖ **Capture excess surface water currently being discharged to the Lake Worth Lagoon from C-51 canal**
- ❖ **Store water for public water supply, environmental restoration needs of the Everglades and other beneficial uses**
- ❖ **Limit damaging impacts of discharges to Lake Worth Lagoon**

SFWMD Board Direction

- ❖ **Governing Board October 13, 2010 – presentation on the Broward County Water Resources Task Force Report**
- ❖ **Proposed C-51 reservoir project study was highly ranked**
- ❖ **Board discussed potential benefits to Everglades restoration efforts to meet water quality obligations**
- ❖ **Board directed staff to take the lead in developing consensus for this major regional water supply project**

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Current Activities

- Model configuration
- Water availability technical analysis
- Identification of potential beneficiaries
- Quantify natural systems needs
- MOU development with utilities and LWDD
- Milestone schedule review
- Communication Plan
 - Public workshops begin in March
 - Website under development