

Recommendations for next phase of C-51 Reservoir Study



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Phase 2A Study

- **Task Force briefed on Phase 2A study results November 2009**
- **Task Force also discussed C-51 study at the December 2009 and January 2010 meetings**
- **Phase 2A Report finalized in January**
- **District met with study sponsors and other interested parties twice in February**

SFWMD Comments

- **Proposed C-51 Reservoir has potential to be a viable water supply development project**
 - ***IF* next phase of C-51 Study:**
 - **Focuses on eastern route via Lake Worth Drainage District**
 - **Western route will cost 2 or 3 times more**
 - **Provides appropriate analyses and documentation to show how Regional Water Availability Rule will be met**
- **Project may be able to contribute to solutions needed to address Everglades water quality issues**

Emerging Considerations 2010

- **Court orders issued by two federal judges in separate cases concerning Everglades water quality**
 - Remedies to meet federal court requirements still being defined
 - District is engaged in
 - Discussions with state and federal agencies
 - Additional technical analyses
- **EPA's proposed numeric nutrient criteria**
 - District working with local, state and federal agencies
 - Impacts still being analyzed

SFWMD Recommendations

- **The District identified six key elements that need to be addressed:**
 - 1. Refine the utility demand requirements**
 - Specific steps are included in District comments
 - 2. Develop a water budget analysis associated with reservoir operations**

SFWMD Recommendations (continued)

- 3. Demonstrate how water from the reservoir will be routed through Lake Worth Drainage District and Broward secondary canal system to comply with Regional Water Availability Rule**
- 4. Conduct modeling to show that the project does not capture water required for the Comprehensive Everglades Restoration Plan***
- 5. Quantify potential secondary benefits to the Arthur R. Marshall Loxahatchee National Wildlife Refuge***

(* The District will provide technical assistance with Recommendations 4 and 5)

SFWMD Recommendations (continued)

- 6. Provide evidence of utilities' commitments to fund the C-51 Reservoir Project**
 - Infrastructure
 - Operations and Maintenance
 - Necessary actions and documentation of local government commitment to be defined

Conclusions

- **If local governments decide to proceed with next phase of C-51 project study, the District:**
 - **Urges the sponsors to address the six recommendations**
 - **Will provide technical assistance with two of the recommended tasks**



Discussion