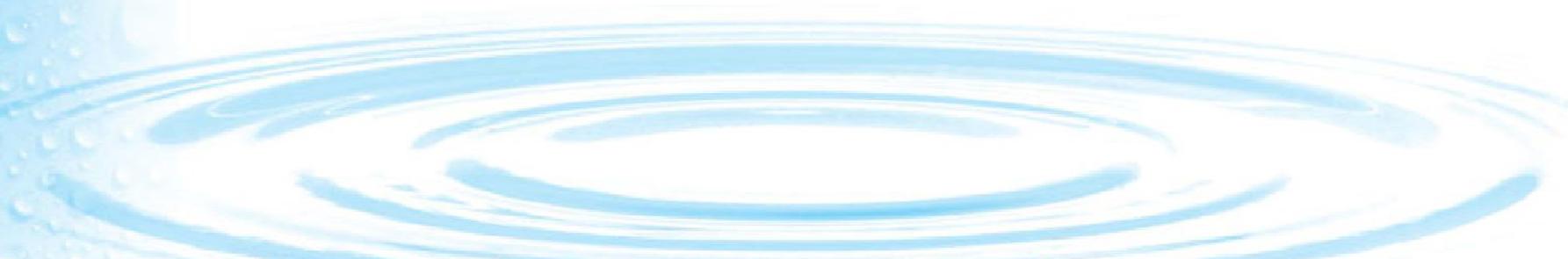


Environmental Measures Team Update

December 2, 2011

Presented by Robert Fewster
Senior Regulatory Scientist, SJRWMD



Environmental Measures Team Representatives

David MacIntyre (PB/STOPR)

Mary Fickert Thomas (PB/STOPR)

Tony Janicki (Janicki/STOPR)

Shirley Denton (Cardno ENTRIX/OUC)

Jim Bays (CH2MHILL/Seminole County)

Marc Ady (SFWMD)

Trisha Stone (SFWMD)

John Zahina-Ramos (SFWMD)

Robert Fewster (SJRWMD)

Bill Dunn (SJRWMD)

David Carpenter (SWFWMD)

Christina Uranowski (SWFWMD)

Jim Lee (DEP)

Environmental Measures Team Goals

The Environmental Measures Team will perform environmental assessments of wetlands and surface waters, and other related work in support of determining sustainable groundwater withdrawals in the CFWI. The Team will also support options for development of definitions and methodologies for use by all three water management districts for implementing environmental review in water supply planning and consumptive use permitting.

Environmental Measures Team Approach

The EM Team will meet on a regular basis to:

- Complete its stated objectives and goals
- Collaborate with and provide expertise on environmental issues to other teams, especially the HAT, MFL and GAT teams.

Environmental Measures Team Objectives

The Environmental Measures Team will :

- Evaluate current environmental conditions of wetlands and surface waters in the CFWI, and develop options for quantitative relationships to hydrologic conditions, using appropriate scientific methods
- Apply model output to quantitative assessment relationships developed

Environmental Measures Team Progress

Progress:

- Developed plan to quantify link between ecological condition of selected sites and the historical record of water levels
- Conceptualized the data analysis approach
- We have finalized a detailed work plan and schedule
- Work was distributed equitably among all parties

Environmental Measures Team Progress

Progress:

- Selected 34 locations with existing water level data
- Locations were chosen based on location, ecologic condition, and wetland/surface water type
- Compiled period of record hydrologic data for all sites
- Completed all field data collection at 21 of 34 sites

Environmental Measures Team Progress

Progress:

- Wetland ecological type classification complete
- Wetland vegetation database in progress
- Ongoing interaction with other technical teams on relevant issues
- EMT has tasks moving in parallel and is on schedule