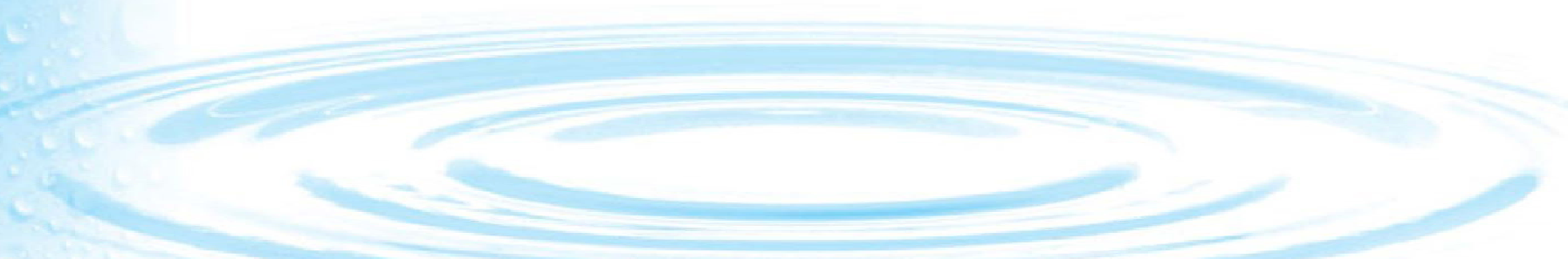


Environmental Measures Team Update

September 30, 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 CFWIA.

The EM Team will also support 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 and MFL teams.

Environmental Measures Team Objectives

The Environmental Measures Team will :

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

EMT Objectives Shifted to the Groundwater Availability Team

The Groundwater Availability Team will :

- Develop a definition of harm caused by hydrologic change to wetlands and surface waters, uniform to the three Districts in the CFWI
- Evaluate future impacts to wetlands and surface waters in the CFWIA due to groundwater withdrawals, using appropriate scientific methods
- Develop unified process for the environmental review of Consumptive Use Permits/Water Use Permits (CUPs/WUPs) in the CFWI

Environmental Measures Team Progress

Progress:

- EMT has elected Robert Fewster as Team Leader to replace Marc Minno
- Scheduled meetings with MFL Team to allow coordination between groups as necessary
- Utility representatives have performed an independent review of database with recommendations on how to proceed with team goals

Environmental Measures Team Progress

Progress:

- Developed plan to quantify link between ecological condition of selected sites and the historical record of water levels
- We have begun to develop a detailed work plan and schedule which will include a cost budget for labor and expenses
- Identified locations with existing water level data, and collected field data to allow EMT to evaluate current ecological condition at those locations