

Central Florida Water Initiative

TOHO Water Authority
951 Martin Luther King Blvd.
Kissimmee, Florida 34741

Friday, September 30, 2011

10:00 AM to 12:30 PM

Notes:

1) Introductions

- i) New Steering Committee (SC) member, Greg Munson, FDEP
- ii) Self introductions of SC and audience ([see attendance sheet on website](#))

2) Previous Meeting Summary (July 8, 2011)

- i) Notes from the previous meeting were distributed with the Agenda for use by SC members and those in attendance
- ii) Accepted ; no changes

3) Governance

- a) Revisions to the CFWI Guiding Document (9/30/11)
 - i) Frank Bartolone (SFWMD) reviewed broad changes to documents and presented action needed to be followed
 - ii) Suggestion was made and accepted to simplify Operating Procedures as follows:
 - (1) Section II renamed to Coordination
 - (2) FDEP would serve as the CFWI Steering Committee “Coordinator”
 - (3) The CFWI contract facilitator will take meeting Notes and the FDEP will be the official keeper of the meeting notes
 - (4) SC directed Operating Procedures to be revised to reflect these changes
 - iii) SC emphasized the need for good science based options by the Technical Teams

4) Issues

- a) CFWI Schedule update
 - i) Macro schedule reviewed
 - (1) Technical work completed by December 31, 2012
 - (2) Rulemaking, etc. completed by December 31, 2013
 - ii) SC reiterated the need to meet CFWI completion dates and to accelerate task completion dates wherever possible

- iii) FDEP stated maintaining the schedule is their highest priority.
- b) Lake Hancock MFL status
 - i) Marty Kelly presented overview of the Lake Hancock MFL and reservation; presentation on cfwiwater.com
 - ii) No action required
- c) Reference Condition(s) Process
 - i) Chris Sweazy provided an overview of the process proposed to develop the reference condition (attached)
 - ii) General discussion of schedule and importance of meeting timelines
 - iii) Provide update at next SC meeting
- d) Public meeting schedule
 - i) Provide for a public input at next SC meeting (December 2) All SC meetings are advertised public meetings and the agenda for future meetings will include a section for Public Participation/Comment.

5) Technical Collaborative Teams- progress report (posted on website)

- a) Hydrologic Analysis
 - i) Akin Owosino, HAT Team Leader, presented progress
 - ii) General discussion of achieving task milestones on schedule
 - iii) USGS work is a critical path effort that requires focused attention.
 - iv) Because of the lengthy USGS internal peer review process to finalize their technical efforts, the HAT may need to use preliminary USGS work products to keep effort on schedule.
 - v) A “technical transfer” protocol will be prepared to effectuate the use of the USGS preliminary work product by the HAT for January 2012. HAT Team will report to SC if meeting the delivery date is a problem. .
- b) Environmental Measures
 - i) Robert Fewster, EMT Team Leader, presented progress and highlighted tasks shifted to the Groundwater Availability Team
 - ii) Additional field work will be necessary to finalize efforts
- c) MFL's & Reservations
 - i) Marty Kelly, MFL Team Leader, presented progress report
 - ii) Effort is on schedule
- d) Data, Monitoring, and Investigations
 - i) Mary Thomas, DMIT Team Leader, presented progress report

- ii) SC directed the addition of another DMIT Objective to identify needed enhancements to address the missing data gaps

6) Open Discussion

- a) Groundwater Availability Team (GAT)
 - i) Management Oversight and Technical Oversight Committees to propose potential participants on the GAT
 - ii) Finalize GAT at next SC meeting (Dec 2) and schedule initial meeting before close of 2011.
- b) 2012 Florida Legislature Session
 - (1) Greg Munson said the FDEP included a “placeholder” in their Legislative Agenda to address sunset provision related to Central Florida;
 - (2) Utilities need to decide whether action is needed
- c) District Water Supply Plans
 - (1) Melissa Meeker stated that the 3 water management district’s are working on updating their water supply plans. Brian Wheeler asked if we needed a CFWI regional water supply plan.

7) Next meeting

- a) December 2, 2011; TOHO Water; 10:00 AM

8) Adjourned at 12:32 PM

Development Process for a CFWI Reference Condition

September 30, 2011

*Presented by Chris Sweazy, P.G.
SFWMD*

The Technical Oversight Team

The Technical Oversight Team is made up of representatives from the three water management districts and technical representatives of the stakeholders. The team is charged with overseeing and coordinating the activities of the CFWI technical teams.

Tech. Team	SWFWMD	SFWMD	SJRWMD	UTILITIES / OTHERS
HAT		Akin Owosina		David MacIntyre (STOPR)
EMT			Robert Fewster	David MacIntyre (STOPR)
MFLRT	Marty Kelly			Tony Janicki (STOPR)
DMIT		Chris Sweazy		Mary Thomas (STOPR)
---				Janet Llewellyn (FDEP)

Previous Steering Committee Direction

■ Guiding Principle

- *"Identify the sustainable quantities of traditional groundwater sources available for water supply which can be used without causing unacceptable harm to the water resources and associated natural systems."*

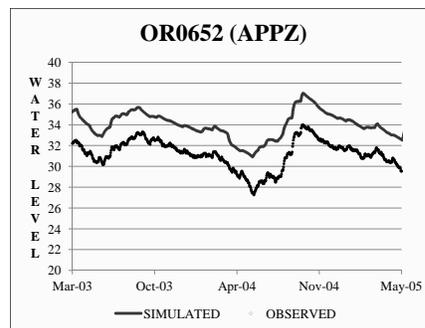
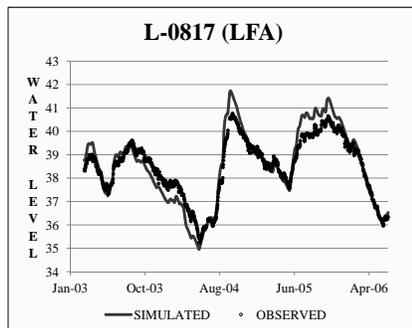
Reference Condition – What is it?

- A reference from which to measure changes in hydrologic and environmental conditions.
- A tool needed for analysis and not a statement defining acceptable environmental condition

Reference Condition - Background

- Long term changes in water levels and water level variability drive environmental changes.
- Groundwater models generally predict **relative** water level **change** much more accurately than they predict **absolute values**.
- Use a simulated reference condition that allows for **apples to apples** comparison across modeling scenarios for a project by relating each scenario to the same condition.
- SJRWMD, SWFWMD & SFWMD all currently use some type of reference condition approach for water planning and permitting.

Modeled & Observed Water Levels



Reference Condition - Goals

- A Committee identified reference condition provides the following:
 - Defines a reference from which to begin an evaluation of groundwater availability.
 - Provides clarity for a uniform description for all involved and provide consistency in application and interpretation.
 - Allows for the proper linkage of simulated hydrologic change to environmental change.*

* Assessment may also address MFLs apart from use of a reference condition

Reference Condition Development Schedule

- **September 2011:** Discuss a development process before the Steering Committee.
- **October – December 2011:** Develop first “conceptual definition(s)” of reference condition and present to Steering Committee for direction.
- **February 2012:** Test/modify “concept definition(s)”.
- **March 2012:** Present draft reference condition(s) to Steering Committee for direction and begin use in completion of modeling analysis.

Questions?