

# Central Florida Water Initiative

TOHO Water Authority  
Kissimmee, Florida

Friday, November 9, 2012

## Meeting Minutes

*(All presentations made to the Steering Committee have been posted on [cfwiwater.com](http://cfwiwater.com).)*

### 1) Introductions

- a) Greg Munson, CFWI Steering Committee Chair, opened the meeting and turned the meeting Chair over to Brian Wheeler.
- b) Self introductions of Steering Committee (SC): Dan O'Keefe (SFWMD), Paul Senft (SFWMD), John Miklos SJRWMD), Greg Munson (FDEP), Brian Wheeler (TOHO Water) and Darrell Smith for Rich Budell (FDACS).

### 2) Consent Items

- a) Minutes of the August 23, 2012, SC meeting were approved

### 3) Guidance Document

- a) Brian Wheeler requested the Guidance Document be moved from the Consent Agenda for discussion.
- b) Brian Wheeler expressed concern that the addition of an Implementation Plan placeholder in the document was premature at this time. He requested that action on this be deferred to a future Steering Committee meeting until such time as the utilities and other stakeholders better understand the direction based on results of the groundwater availability studies. Proposed sequence: problem assessment /definition; selection of preferred solution approach (es); implementation plan. SC concurred and referred follow up action to the Management Oversight Committee. Additionally, the final component of the CFWI effort would be better called "Solutions and Implementation Plan" (or similar).
- c) SC approved the other revisions to the Guidance Document (*11022012 version posted to cfwiwater.com*)

#### 4) Overall CFWI schedule

a) John Shearer reviewed the August 23<sup>rd</sup> revised schedule in the Guidance Document.

Critical Path Work Product	Original Date	Proposed Date
Preliminary HAT model output*	April 30, 2012	January 31, 2013
EMT and MFLT evaluation measures (yardsticks)	May 30, 2012	February 28, 2013
GAT Preliminary groundwater assessment	June 30, 2012	March 31, 2013
GAT Groundwater availability results	August 31, 2012	May 31, 2013
Final Draft of Regional Water Supply Plan (RWSP)	December 31, 2012	September 30, 2013

#### 5) Technical Teams

##### a) Hydrologic Analysis Team

- i) Akin Owosina provided a detailed overview of the HAT schedule and felt the "Preliminary HAT model output" would be delivered on time, January 31, 2013, absent any unexpected issue.
- ii) HAT has taken over the lead of the CFWI Groundwater Modeling from the USGS and has initiated an effort to: revise and update the model, apply the model for the CFWI Regional WSP and document the updates.
- iii) The previously reported issue relative to vertical datum has been resolved and was not the major concern as first reported because all water levels were found to have been based consistently on the NGVD 29 datum.
- iv) The model water budget tool development is ongoing and the initial version has been released for team use.
- v) Internal review completed of agricultural demands in calibration period. IFAS conducted an external peer review with preliminary findings reported 10/23.
- vi) The IFAS model review identified limitations with the AFSIRS model and recommended the model be updated for use in a regulatory environment (where it is used without correction factors).
- vii) The HAT recommended the effort to update AFSIRS should be explored further by FDACS as part of the FDEP Consumptive Use Permitting Consistency (CUPcon) effort. The SC agreed with the recommendation, and Janet Llewellyn confirmed that the CUPcon team has taken note and will be receiving a direct briefing from IFAS staff.

**b) Minimum Flows and Level/ Reservation Team**

- i) Doug Leeper provided an update on the MFLRT effort to develop options for a standard methodology to establish MFLs.
- ii) In accordance with state law, MFLs are developed to protect water resources or the ecology of the area from significant harm that may result from further water withdrawals. Minimum flows are set for springs and rivers; minimum levels are set for standing waters, such as lakes and wetlands, and also for groundwater levels. MFLs are used in WMD water supply planning and in water use permitting and environmental resource permitting programs.
- iii) FDEP rules provide guidance regarding the issues that are to be considered when setting MFLs. Team has reviewed approaches used for setting MFLs by the three WMDs and identified much similarity in the approaches used.
- iv) The Team has outlined a draft general approach for establishing MFLs.
  - The approach starts with identification of water bodies for which MFLs will be developed; ends with rule adoption (MFLs are incorporated into rule).
  - The process must be applicable for evaluating compliance with MFLs for planning and permitting purposes.
  - The draft approach identifies opportunities for stakeholder involvement.
- v) The Task is nearing completion with the following issues still needing resolution:
  - Options for identifying priority MFL water bodies is a separate Team task; scheduled for completion in Apr 2013.
  - Use of water resource values & hydrologic tools to develop MFL metrics, i.e., the expressions used for MFLs.
  - Methods for evaluating MFL compliance for water supply planning and permitting purposes.
- vi) The Steering Committee asked about the progress on the need to develop a standard methodology to establish Reservations. Doug explained that reservations differed from MFLs because they were “policy” based decisions by the Governing Boards as opposed to “harm” based. The schedule has the Reservation methodology targeted for completion by May 31, 2013.
- vii) The SC asked about the relation to this effort and that of CUPcon. Janet Llewellyn, who is the FDEP lead on CUPcon, addressed the SC and explained the MFLT effort is completely integrated into CUPcon and she has been very pleased with the coordination.

**c) Groundwater Availability Team**

- i) Mark Hammond reviewed progress by the GAT and in response to a question by Greg Munson explained in detail the relationship of the Groundwater Availability Team to the various technical Teams.
- ii) Mark felt the schedule would be met:
  - Preliminary groundwater assessment (March)
  - Groundwater availability results (May)

iii) The Steering Committee accepted the progress report.

d) **Regional Water Supply Plan Team**

i) Tom Bartol provided an updated summary of the progress

- Population and Water Demand Subgroup- Projections have been completed and team finalizing write-up
- Water Conservation Subgroup- Estimates of water conservation potential have been completed and team finalizing the write-up
- Water Supply Options Subgroup- Compiled existing water supply and water resource project options
- Formed a Reclaimed Water focus group to address future availability and to review projects from utilities
- Formed a Cost Estimation focus group

ii) Tom explained that based on the schedule to deliver a final draft RWSP by September 30, 2013, the Water Supply Options can only go so far. He said they are several “Next Steps” necessary to fulfill the Guiding Principles which should be addressed in the “Solutions and Implementation Plan” discussed earlier (agenda item 3b):

- Projects to address
  - Recovery Needs (if necessary)
  - Water Resource Development by the WMDs
  - Water Supply Development by the public suppliers or others
  - Protection Efforts
- Regulatory Program to codify the CFWI efforts and ensure consistency
- Financing plans to implement the projects
- Long Term Monitoring to ensure protection of the water resources

iii) Steering Committee discussed a letter from the City of Sanford to John Shearer with copies to the SC and the RWSP Team (attached). The letter expressed concern with water supply projections in the regional water supply plan for the City of Sanford. The SC felt the issues raised in this letter could best be handled by written communication from Hans Tanzler, SJRWMD Executive Director, who was present and agreed to handle the response. John Shearer was requested to advise the City of Sanford of the action taken by the SC.

**6) Myregion.org**

a) John Shearer reported on the follow up activities between the CFWI and myregion.

- i) Point of contact information for RWSP activity was provided to Shelley Lauten for Jason Mickel (SWFWMD) and Nancy Christman (SJRWMD)
  - ii) Paul Senft (SWFWMD), Blake Guillory (SWFWMD), Woody Boynton (SJRWMD) and Brian Wheeler made presentations to the Four Corners Summit on November 1. County leaders from Lake, Orange, Osceola and Polk Counties attended.
  - iii) Blake Guillory and John Shearer attended the Congress of Regional Leaders (CRL) meeting November 2 in Orlando. Blake made a presentation covering the details of the CFWI effort and the next steps needed to make the initiative a reality.
  - iv) During the CRL meeting a concern was raised that Volusia and Brevard Counties were not a part of the CFWI. John Shearer explained that they would be included in the RWSP effort and that SJRWMD would be responsible to ensure their participation. When the CFWI moves toward the “solutions and Implementation “phase, these two counties may be included in the plan. Nancy Christman was in attendance and will follow up.
- b) Membership in the Congress of Regional Leaders was provided to the SC along with their signed Regional Growth Compact.  
(<http://www.myregion.org/index.php?submenu=RegionalCompact&src=gendocs&ref=RegionalCompact&category=RegionalVision> )
  - c) Paul Senft stressed the importance of maintaining strong lines of communication between CFWI and myregion.

## **7) Open Discussion**

- a) No additional comments from SC

## **8) Public Comments**

- a) No public comment

## **9) Next Meeting of the Steering Committee**

- a) 9:30 AM, Friday, February 1, 2013, @ TOHO Water Authority, Kissimmee, FL
- b) The Management Oversight Committee (MOC) will provide a long range schedule in the near future of SC meeting dates based of the need to for the SC to make final determinations.

## **10) Adjourn**

From: Varn, Jake [mailto:jvarn@fowlerwhite.com]  
Sent: Thursday, November 08, 2012 11:21 AM  
To: 'John Shearer'  
Cc: 'MARCOUS, WILLIAM'; 'Lonnie N. Groot'  
Subject: FW: Scanned document from FWB Digital Copy System  
(ecopy@fowlerwhite.com)

John - Attached is a letter that we are sending to you, members of the CFWI steering committee and the members of the CFWI regional water supply plan team. We are sending this letter on behalf of our client, the City of Sanford. The letter is self-explanatory and explains the problems associated with the projected water demands for 2035. If you have any questions or care to discuss this matter, please call. Jake

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November 8, 2012

John Shearer  
Facilitator: CFWI  
1917 Wingfield Drive  
Longwood, FL 32779  
Via Email: [johnshearer@cfl.rr.com](mailto:johnshearer@cfl.rr.com)

Dear John

We represent the City of Sanford, Florida. As you are aware, the City of Sanford's water supply is one of the many water supplies that is included in the planning efforts of the Central Florida Water Initiative (herein "CFWI"). Sanford has been following the work and activities of the CFWI, supports the purpose and objectives of the CFWI and appreciates the significant amount of time and effort that is being devoted to this very important effort. Because of the importance of the work being undertaken and the unknown uses that may be made of the information, Sanford wants to insure that any information potentially impacting Sanford is correct.

Recently, Sanford was provided with draft information for Sanford's projected potable water demand in 2035. As we understand it, Sanford's projected 2035 potable water demand is being determined along with all other users projected demands. These demands will be entered into the CFWI's model to determine if there is sufficient groundwater to meet the projected demands. In reviewing the data sent to Sanford, it appears that the 2035 projected water demand for Sanford is less than its past demand. In light of this and other factors, Sanford fails to understand how the 2035 projected demand was determined. Sanford has made considerable capital expenditures and has plans for additional capital expenditures, which have resulted in a low per capita use in Sanford. Nonetheless, Sanford expects a substantial growth between 2005 and 2035 and even with its low per capita water use, it is difficult to understand how the 2035 projected potable water use was determined. It is Sanford's opinion that its 2035 projected water demand will be higher than the current CFWI estimate.

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In reviewing the data sent to Sanford, we also noted that there were many water suppliers who had very high per capita use and their projected 2035 water use was even higher. If the water management districts are going to have uniform rules and the amount of groundwater is limited, it seems that the water management districts need to require many of the water suppliers to lower their per capita use. If not, these water suppliers will be rewarded for their high per capita use and this is contrary to having a uniform requirement of reasonable-beneficial use.

At this time, Sanford wants to go on record as objecting to the projected 2035 water demand that has been determined for Sanford. We believe the projected 2035 demand is too low. We are in the process of determining what we believe to be the correct projected 2035 potable water demand for Sanford. We don't expect to complete this process until December 31, 2012. At that time we will forward our projected 2035 potable water demand for Sanford to you and the members of the Steering Committee and respectfully request that our projected 2035 potable water demand be utilized in the work of the CFWI.

Should you have any questions or care to discuss this matter, please call.

Sincerely,



Jacob D. Varn