

**Withlacoochee Regional Water Supply Authority  
Water Supply Plan Update  
Progress Report #5 (July 2013)**

Cardno ENTRIX

3905 Crescent Park Drive  
Riverview, FL 33578  
USA

Phone 813 664 4500  
Toll-free 800 368 7511  
Fax 813 664 0440  
[www.cardno.com](http://www.cardno.com)

[www.cardnoentrix.com](http://www.cardnoentrix.com)

**1) Task 2. Availability of Ground- and Surface Water**

- a. Worked closely with the SWFWMD to coordinate understanding of our modeling role now that we received the calibrated steady state Northern District model. Specific activities included in depth review of modeling scenarios and methodologies for how the Northern District Model was calibrated and how predevelopment water levels were established. Have worked with SWFWMD to establish the scenarios we will run and how we will establish predevelopment conditions from the calibrated 1995 steady state condition. We have begun to work with the model to establish procedures for setting up transient scenarios as well as pre-development water levels.

**2) Task 3. Water Conservation and Reclaimed Water Strategies**

- a. Based on our evaluation of the EZ Guide Water Conservation Model and the issues that have made it difficult to use the tool, we have formulated a method to move forward with the model and will be finalizing it in August following coordination with EZ Guide staff at the University of Florida.
- b. Have completed addressing the TAC comments on our projections of the quantity of reclaimed water that will be available to offset demand through 2035 from each utility in the WRWSA's four counties. Have submitted it to the Authority for review prior to sending it to the TAC committee for additional review.

**3) Task 4. Water Supply Project Options**

- a. Our sub consultant continues work on updating the feasibility of a seawater desalination project option at the Crystal River Power Plant site.
- b. We are continuing our update the surface water supply options for the Withlacoochee River.

**4) Task 8. Facilitation of Technical Advisory Committee (TAC) Meetings**

- a. The third TAC meeting to be held on August 7<sup>th</sup> was cancelled because we are not at a stage that requires significant review of work products.