

Central Florida Water Initiative

Toho Water Authority
Friday, April 13, 2018

Meeting Summary

(All presentations made to the Steering Committee have been posted on www.cfwiwater.com)

1. Introductions

- a. Steering Committee members present: Stephen James (FDEP), Brian Wheeler (TOHO Water), Paul Senft (SWFWMD), John Miklos (SJRWMD), Ray Scott for Steve Dwinell (DACS), Terrie Bates for Dan O'Keefe (SWFWMD)
- b. The sign in sheet for those in attendance has been posted to the website.

2. Consent Items

- a. On Motion by Mr. Senft and a second by Mr. Wheeler, the January 19, 2018, Meeting Summary was approved with modifications.

3. Regulatory Team Update

Kristine Morris gave a brief update on the status of the Department of Environmental Protection's CFWI rulemaking. A future workshop is being planned.

4. Conservation Team Update

Kristine Morris gave a brief update on the status of the Conservation Plan. The Implementation Plan is not yet ready, but will be presented at the next Steering Committee meeting.

5. RWSP Team Update

Tammy Bader gave the following update:

Current Efforts

- Finalized review of BEBR deliverable
- Draft demand projections under review
 - Public Supply detailed
- Distributed FSAID IV Agricultural projections spatially
- Established water source options, technical writing and reclaimed water subgroups
- Solicited reclaimed water projections

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- Initiating solicitation of water project options

Projection Changes

- FSAID IV
- BEBR Population
- Per Capita
- Starting Year

Draft Population Projections

Category	2015	2040	Change	% Change
Public Supply	2,856,512	4,215,543	1,359,031	48%
Domestic Self-Supply & Small Utilities	77,403	134,050	56,647	73%
Total	2,933,915	4,349,593	1,415,678	48%

- Graph showing a comparison of the BEBR population projections from the 2015 RWSP and the current draft effort. 2015 RWSP was increase of 1.4 million or 49%
- Graph showing comparison between 2015 RWSP Agricultural Irrigated Acreage and 2020 Draft CFWI RWSP Agricultural Irrigated Acreage
 - As public supply and agriculture are our 2 largest sectors, we also wanted to provide a comparison of projected agricultural acres.
 - Previously 2015 acreage were projections.
 - 2015 on the orange line represents acreage projections published by FDACS in their FSAID IV product. 2015 is actual irrigated acreage and was field verified by the District and USGS in a joint project with FDACS.
 - 2020 RWSP = reduction of 1,383 acres
 - Prior to sector plan incorporation, FSAID IV indicated decrease of 8,601 acres
- Next Steps
 - Verify water demand projections
 - Finalize reclaimed water projections

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- Solicit project options / update existing project list (The letter for project solicitation is under review now and will be sent out this month.)
- Outreach to stakeholders
- Coordination with WRAT for modeling
- Begin drafting chapters

- *Mr. Wheeler noted that the changes in future population projections are in flux; we need to look at all of the data during this process.*
- *Mr. Scott suggested we need to remain cautious since whatever the actual conception numbers are we are still seeing existing impacts and in the long run we will probably see a greater deficit.*

6. Water Resource Assessment Team

Brian Starford gave a brief update for the WRAT:

- Improved Coordination. The Steering Committee asked the WRAT to ensure that the sub-teams were coordinating and that the DMIT monitoring points and the timeframe to install the monitoring points met the needs of the other sub-teams.
 - a. February 26, had a meeting with all sub-teams to discuss the DMIT program. The DMIT will also schedule a meeting with a couple of consultants who had other suggestions to improve coordination.
 - b. April 16, a second coordination meeting with all the sub-teams to discuss the groundwater modeling Reference Condition and groundwater modeling scenarios.
- MFL & RT – has been formed and has been working on completing their scope of work. They will be involved in the April 16 meeting.
- EMT – Identified the field work that the team will complete to support the RWSP.
 - a. Revisit 44 Class 1 wetlands identified in the first RWSP.
 - b. Visit 8 additional Class 1 wetlands to determine if they are stressed or not stressed.
 - c. April 19, the District's staff will meet in the field to ensure they are consistently using the evaluation form and are doing consistent wetland evaluations.
 - d. Split the work approximately evenly between Districts.
 - e. Include mapping of wetland locations in the RWSP instead of just tabular data.
 - f. Identify and document a scope of work for future EMT activities.

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- HAT will be wrapping up the steady-state model calibration in about 2 weeks. They will schedule a meeting with the peer review panel to discuss the calibration and to discuss the path forward for calibration of the transient model.
 - *Brian Wheeler asked for a timeline with regard to the steady state calibration. Brian projected about 2-3 weeks and then they would move to the transient state modeling.*

Claire Muirhead gave an update on the DMIT:

- DMIT/HAT/EMT/MFL Coordination
 - Sub-teams met in February and discussed:
 - Status of monitoring site construction
 - Evaluation of need for sites and site addition\removal
 - Extension of construction schedule
 - Available products (maps\spreadsheets\workplan)
 - A plan for continuing coordination
- Water Quality (WQ) Monitoring
 - Where appropriate WQ is collected at some DMIT monitoring sites
 - Approximately 50% of the DMIT non-wetland sites are monitored for water quality
 - Parameters monitored typically include chlorides, TDS, specific conductivity, sulfates
- Extension of DMIT Work Plan Schedule
 - Recommendation for an additional 5-years (will end in FY2025)
 - Recommendation based on a review of:
 - Number of remaining planned sites
 - Past construction history
 - Staffing levels
 - Anticipated site acquisition
 - Site work (Surveying, transects, mapping, instrumentation)
 - Revisiting of established wetland sites for first 5-year evaluation
- FY2015-FY2025 DMIT Status

	Wetland Sites	Wetland SA	General SA/IA	UFA/APPZ	LFA
2015	0	0	2	3	1
2016	13	4	5	4	2
2017	9	7	7	7	3
2018	8	5	17	11	7
2019-2025	77	77	51	19	25
Total:	107	93	82	44	38

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- Implementation Costs*

Fiscal Year	Total Implementation Costs (in millions)
2015	\$0.55
2016	\$1.15
2017	\$2.86
2018 ¹	\$5.76
2019-2025 ²	\$27.38
Total:	\$37.70

*The implementation costs do not include staff costs.

¹ Cost is budgeted but may be lower based on actual construction performed

² Cost is estimated for the seven-year period and subject to funding

- Action Items

- DMIT requests approval of the revised DMIT construction schedule (construction through FY2025) (**APPROVED**)
- DMIT requests approval of the DMIT Hydrogeologic Annual Work Plan for FY2018-FY2025 (**APPROVED**)
 - *Mr. James asked whether the financial figures are sufficient to complete the proposed wells. Ms. Muirhead stated that the general belief is that the Districts will be able to be completed on time and within budget. Meetings with DEP are continuing to ensure access and the pace of completion has increased.*
 - *Mr. Wheeler wanted to make sure that the funding message made its way back to each of the District boards as the timeline has been extended and the information from these wells is one of the most important parts of the process.*
 - *Mr. Senft wanted to note that the water resources of the area have been fully allocated and wants to make sure that everyone knows that these wells are for monitoring purposes only and not for consumption.*

7. Communications Team Update

The Communications gave a brief update noting that the website is being continually.

8. Open Discussion

Ray Scott wanted to make sure that the Steering Committee always opened public comment before voting on action items.

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Stephen James asked how the population projections impact modeling. The WRAT is planning to reform the Groundwater Supply Team to see if any additional work is necessary.

9. Public Comments

- a. David Gore, NE Polk County resident and representative of the natural systems expressed concern that, in his opinion, there is no representative on the committee representing the natural systems. Mr. James noted that that was the responsibility of a number of persons on the committee and supporting the process. Mr. Gore remains concerned about the methodology.

Mr. Miklos requested that staff meet with Mr. Gore as it seems he continues to raise the same issues. After a discussion it was agreed that a meeting with various District staff would be set so that Mr. Gore could present his issues and responses could be given. Mr. Gore was also invited to provide written comments regarding the annual work plan.

Many Committee members noted that nothing Mr. Gore has said has been ignored and that there are a large number of persons in the scientific community working on and reviewing this process.

10. Next SC meeting

- a. July 13, 2018

11. Adjourn