

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), Tammy 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. 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

Christine 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:

6. Water Resource Assessment Team

Brian Starford gave a brief update for the HAT:

- o The calibration process for the groundwater model is causing issues. The goal is to have them addressed and the model done for the 2020 Plan.

a. DMIT Annual Update (ACTION - POSTPONED)

Dwight Jenkins gave the following presentation to the Steering Committee:

- **Major DMIT Tasks**
 - Create an inventory of existing monitoring data (DMIT CFWI Inventory)
 - Metadata and link to data source
 - Determine additional data collection needs and develop a work plan to meet those needs
 - Gap Analysis
 - Regional Monitoring Program Summary Report (June 2014)
 - DMIT Hydrogeologic Work Plan for FY 2015-FY2020
- **DMIT Hydrogeologic Work Plan**
 - Develop new hydrogeologic monitoring sites
 - 5-year process spanning FY2015-FY2020
 - Annual updates with SC approval
 - Based on standard fiscal years
 - Resources monitored include
 - Wetland monitoring using transects and Surficial Aquifer wells (Wetland SA)
 - Regional water level monitoring of
 - Surficial aquifer (General SA)/Intermediate aquifer (IA)
 - Upper Floridan aquifer (UFA)/Avon Park Permeable Zone (UPPZ)
 - Lower Floridan aquifer (LFA)
 - Water Quality, rainfall and other parameters
 - Develop new hydrogeologic monitoring sites
 - 5-year process spanning FY2015-FY2020
 - Annual updates with SC approval
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 - Resources monitored include
 - Wetland monitoring using transects and Surficial Aquifer wells (Wetland SA)
 - Regional water level monitoring of
 - Surficial aquifer (General SA)/Intermediate aquifer (IA)
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 - Lower Floridan aquifer (LFA)
 - Water Quality, rainfall and other parameters
- **FY2015-FY2020 DMIT Well Status**

- FY2015-2020 Targets
 - 254 wells planned
 - 104 Wetland SA
 - 79 General SA/IA
 - 43 UFA/APPZ
 - 28 LFA
- FY2015-2020 Completed
 - 40 wells completed
 - 10 Wetland SA
 - 12 General SA/IA
 - 13 UFA/APPZ
 - 5 LFA
- Sites in Progress
 - 32 Sites are in progress
- **FY2017 DMIT Well Status**
 - FY2017 Targets
 - 74 wells planned
 - 26 wetland SA
 - 30 general SA/IA
 - 12 UFA/APPZ
 - 6 LFA
 - FY2017 Completed
 - 20 wells
 - 7 wetland SA
 - 5 general SA/IA
 - 6 UFA/APPZ
 - 2 LFA
- **Planned FY2018 and FY2019-2020 Well Construction**
 - FY2018 Targets
 - 66 wells planned
 - 21 wetland SA
 - 23 general SA/IA
 - 14 UFA/APPZ
 - 8 LFA
 - FY2019-2020 Targets
 - 148 wells planned
 - 73 wetland SA
 - 44 general SA/IA
 - 16 UFA/APPZ
 - 15 LFA
- **Wetland Site Status (Transects)**

- FY2015-2020 Targets and Status
 - 107 planned/22 completed
- FY2017 Target and Status
 - 26 planned/9 completed
- FY2018 Target
 - 24 planned
- FY2019-2020 Target
 - 61 planned
- **Reasons for Construction Delays**
 - Difficulties with site access authorization
 - Contractor scheduling delays
 - Recent delays due to above average rainfall
 - Reallocation of resources due to hurricanes
 - Changes in site development priorities
- **Additional Measures Being Implemented to Further Construction**
 - Improved coordination with FDEP on State Lands access requirements
 - Improve business processes for site acquisition, surveying and instrumentation
 - Coordinate with stakeholders to assist with site development
 - Continue to identify District land opportunities
- **Implementation Costs**

○ Fiscal Year	Total Implementation Costs (in Millions)
2015	\$0.55
2016	\$2.04
2017	\$2.54
2018 ¹	\$7.78
2019-2020 ^{2,3}	\$17.99
Total:	\$30.90

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

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

³ Future costs do not consider an extension to complete DMIT construction
- **Extension of DMIT Work Plan Schedule**
 - It is unlikely that the Work Plan will be completed by the end of FY2020 (201 wells and 85 wetland sites remain to be completed)
 - Staff will assess time needed to realistically complete remaining sites.
 - Present recommendations to SC regarding an extension of the DMIT Work Plan schedule in April 2018.
- **Other DMIT Activities**

○ Action Item	Status
▪ Update Well Data Inventory	Complete
▪ Complete analysis of UFA sites that need SA wells	Complete
▪ Develop future monitoring locations	Ongoing
▪ Create database for storing field reports and digital media associated with wetland sites	Ongoing. Field report template complete. ¹

¹Database scheduled for 2018 completion.

- **Minimum Standards Document**

- Revise water quality section to address concerns with the analysis of analytes where National Environmental Laboratory Accreditation Program (NELAP) sampling and analysis protocols do not exist.
- Revise Rainfall Monitoring to be consistent with regulatory requirements.
- Minor grammatical corrections.

- **Action Items**

- DMIT requests approval of the DMIT Hydrogeologic Work Plan for FY2018-FY2020 (Annual Update) (**POSTPONED**)
- DMIT requests approval of the revised Minimum Standards for Water Resource Data Collection, Site Establishment and Field Data Collection Protocols Document

- *Brian Wheeler expressed concerns regarding the timing. The model and data are of significant importance for CFWI. He does not want to push model just to meet timeline for plan.*
- *Brian Starford responded that they are still hoping for a March calibration with Peer Review beginning in April.*
- *John Miklos questioned the well development timeline. There was also a question about the specific schedule for wells on private property and whether the wells on private property could be moved to public land. A question was raised as to whether all of the wells are necessary.*
- *Based upon these questions, it was decided to postpone the Action item to allow the team to review the questions and update the proposal with a revised presentation for the April Steering Committee meeting.*

- b. Minimum Standards for Water Resource Data Collection, Site Establishment and Field Data Collection Protocols (**APPROVED**)

7. Communications Team Update

The Communications gave a brief update and provide a copy of the inaugural copy of the CFWI Quarterly Newsletter. Interested parties can sign-up for electronic delivery of the Newsletter at:

<https://public.govdelivery.com/accounts/FLSWFWMD/subscriber/new>

8. Open Discussion

See above notes regarding the DMIT Annual Update

9. Public Comments

- a. David Gore, NE Polk County resident, one again questioned the process. He remains concerned that facts of water flow and storage that are most critical to this process are being ignored.

10. Next SC meeting

- a. April 13, 2018

11. Adjourn