

MINUTES
CENTRAL IOWA WATER WORKS
TECHNICAL COMMITTEE
Des Moines Water Works Board Room
2201 George Flagg Parkway
Des Moines, Iowa
January 8, 2025

Present: Don Clark (Ankeny), Jeff May (Clive), Kyle Danley (Des Moines Water Works), Lindsey Wanderscheid (Des Moines Water Works), Matt Greiner (Johnston), Neil Weiss (Urbandale Water Utility), Andy Fish (Warren Water District), Matt VanWyk (Warren Water District), Rudy Koester (Waukee), Christina Murphy (West Des Moines Water Works), Lyle Hammes (West Des Moines Water Works), Royce Hammitt (Xenia), Amy Kahler (Des Moines Water Works), Matt Stoffel (PFM), Matthew Jacob (Urbandale Water Utility), Tami Madsen (Central Iowa Water Works), Shawn Buckner (Ankeny), Aaron Burke (Black and Veatch).

Item 1: The meeting was called to order at 1:00 p.m. by Kyle Danley.

Item 2: Introductions were made by everyone present at the meeting.

Item 3: Minutes of the December 11, 2024, meeting were approved, with no objections, by voice vote.

Item 4: CIWW Water Treatment Study – Information

After the December board meeting, the Board of Trustees requested more information on connecting the Grimes WTP to the Core CIWW network, Core CIWW Network Expansion, Expansion of the Grimes WTP, and the West Plant. There are concerns within the technical committee of not having enough detail to write an effective RFP for engineering services, construction, and further work on each of these items. Several recommendations were discussed, including:

Having HDR work on a T&M basis until CIWW hires a firm for general engineering;

Opening an RFP/RFQ for preliminary engineering for scope/fee on the activities discussed at the board level;

Hiring a main engineer to manage the entire project and advise on distributing the work among multiple firms - Expansion, Plants, and Transmission. (Using the one construction firm to oversee the entire project of several firms could result in a large amount of work being completed in a short amount of time);

Using one firm for the entire project.

Additional conversation was held about the timing of the conversion free chlorine/chloramines at the Grimes plant and acquiring land for the new plants/expansions. Does the land need to be further explored by a firm to understand flood concerns, etc? Christina Murphy will find out if there has already been some measure of study conducted on these issues.

A question was asked about the financial impact of connecting areas without the immediate use of the infrastructure – i.e. putting in a 48-inch pipeline between Grimes and Saylorville before the capacity will be used. Will there be a benefit to thinking about a different way to expand water production/transmission capacity without immediately connecting Grimes/Saylorville?

Tami Madsen talked about the CIWW General Engineering RFP and her desired requirements – experience with newly regionalized projects, ability to work with each member agency as needed to understand how the systems work together and the shared vision, understanding of each of the components of the system (booster stations, pump stations, types of wells, types of plants, sizes of transmission mains, I&C) within their firm, and various other ideas.

A Technical Committee Subgroup comprised of WDMWW, Urbandale, DMWW, and Waukee was created to write RFQs for matters concerning the West Plant and for Grimes. Kyle Danley will present the Technical Committee report at the January BoT meeting.

Item 5: Member Agency Staff Working Group

Tami Madsen reported that Article III, Section 12 of the DMWW Operating Agreement mandates the formation of a CIWW Member Agency Staff Working Group to keep the Producing Agencies updated concerning water use within the distribution system. This group needs to include one member from each of the twelve member agencies and can be composed of the same members of the currently existing producer group. Kyle Danley has agreed, at Tami's request, to coordinate with the existing producer group and additions will be made as needed to reach the requirement of one member from each of the twelve member agencies.

Item 6: Saylorville 10MGD Update

Lindsey Wanderscheid reported that the ground water pump test results showed over 25MGD which is what was wanted but that winter yield is lower than what was anticipated or expected. Results indicated that site six is not recommended and site four is not as good. The total yield is less than what is desired. The next steps in the process are to compare costs of horizontal collector wells with vertical wells, calibrate the model, and investigate vertical well locations. Another item to consider is if putting the wells closer together will help achieve the desired results. The plant is designed to treat groundwater, and the preference is to continue to explore groundwater options. They will need 25MGD to produce 20MGD of finished water. Discussion was held on moving the wells to different locations along the transmission main. Matt Stoffel asked questions concerning the bidding schedules on these projects so that he can produce information on how/when they will affect the rates. DMWW will provide the information to Matt.

Item 7: Capital Improvement Plans

Lindsey Wanderscheid reminded producers that CIPs are scheduled to be drafted this month and communicated next month. WDMWW plans to remit their five-year CIP and has a goal to submit a ten-year version, but it will not be ready by February.

Item 8: Grimes Projects Discussion – No report.

Item 9: Polk City Projects Discussion - No report.

Item 10: West Des Moines Water Works Projects Discussion

Lyle Hammes provided an update that the MCC project is 90% complete, no further update.

Item 11: DMWW – SCADA Backbone Improvements

Lindsey Wanderscheid provided an update that DMWW has replaced the filter media on two of four filters, they are currently working on the third. DMWW is also working on an HVAC project in a pump station, and chemical feed improvements at the McMullen Treatment Plant. The SCADA Backbone Improvement project includes the design of improvements to SCADA at three water treatment plants to build out a demilitarized zone (DMZ) between operational and information technologies. This project is being completed under an agreement with HDR, at a design cost of \$373,961, and construction cost of ~\$1M. Design should be complete by the end of 2025.

Item 12: Pumpage and Revenue Summary

No update for CIWW until the January 2025 data is out.

Item 13: Other Business

Matt Stoffel reminded the participants of the meeting to submit their intended use plans if they anticipate using the SRF program for any upcoming projects.

Water use permits are being reviewed by CIWW and by member agencies.

Item 14: Adjourn 2:31pm