

MINUTES
CENTRAL IOWA WATER WORKS
TECHNICAL COMMITTEE
Des Moines Water Works Board Room
2201 George Flagg Parkway
Des Moines, Iowa
February 12, 2025

Present: Don Clark (Ankeny), Shawn Buckner (Ankeny), Jeff May (Clive), Kyle Danley (DMWW), Lindsey Wanderscheid (DMWW)*, Matt Ahrens, Matt Greiner (Johnston), Kevin Hensley (Grimes), Randy Franzen (Polk City)*, Neil Weiss (Urbandale Water Utility), Andy Fish (Warren Water District)*, Rudy Koester (Waukee)*, Tim Royer (Waukee)*, Christina Murphy (WDMWW)*, Lyle Hammes, Royce Hammitt (Xenia), Amy Kahler (DMWW), Tami Madsen (CIWW), Ashley Geesman, (HDR) , Rick Baldon (DMWW, Tech Support).

*A virtual option was offered due to inclement weather.

Item 1: The meeting was called to order at 1:02pm.

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

Item 3: Minutes of the January 8, 2025, meeting were approved, with no objection, by voice vote.

Item 4: CIWW Expansion

RFQ – Tami Madsen and Christina Murphy provided updates on the West Plant and Grimes Expansion RFQs. Tami will request a motion at the February board meeting to authorize the advertising of the West Plant RFQ and Grimes Expansion RFQ once the drafts are finalized. Matt Stoffle has been consulted concerning how to fund the planning and design portion of the two projects and the timing of the IUP application. Plant expansions or construction will be bid separately from transmission infrastructure. Transmission past the initial 300ft related to the West plant will be included in a separate RFQ.

The timing of these RFQs is consistent with the HDR study as these items are listed to be completed by 2030. Past experience with construction projects shows that the Grimes Expansion and the West Plant will more than likely take longer than the 2030 completion date. The next phase of projects could be delayed further than planned in the HDR study if there isn't a strong desire to buy into the next plant. It is imperative that member agencies consider their true water needs along with financial factors.

Item 5: CIWW General Engineer Update

Tami Madsen reported that the general engineering RFQ was posted to the CIWW website on February 3, 2025. The parties that submitted requests for notification of new projects were emailed a notification of the RFQ posting. Notification to respond is due by February 21, 2025, proposals are due March 7, 2025, interviews (if necessary) are the week of March 17th, a firm will be selected March 26, and the contract will be finalized April 4th. Two firms have submitted notices to respond.

Item 6: Member Agency Staff Working Group

The Technical Committee members were provided primary and alternate contacts for the Member Agency Staff Working Group to review. Kyle will email the contact list out to the group.

Item 7: Saylorville 10MGD Expansion Update

Lindsey Wanderscheid provided an update that the projected yield is lower than expected from the proposed well sites related to the Saylorville 10MGD Expansion. DMWW has evaluated the capital and lifecycle cost on horizontal collector wells versus vertical wells and displayed a slide comparing the pricing and yield. The next steps in this process are to calibrate the model and investigate locations for vertical wells. Further soil borings and pump tests could be needed and result in a change order. The raw water side of this project is driving the critical path for the finishing of the source water.

DMWW is working on the basis of design for the water treatment plant, they have gone through all disciplines and are waiting on the report. This should be available before the next meeting. Issues on the raw water side are not delaying the work on the treatment plant. When questioned about the impact to the CIP regarding the cost for adding in the additional wells, Lindsey responded that the impact might not be as large as one might expect.

Item 8: Schedules I-2A and I-2B

Tami Madsen advised the Technical Committee members that schedules I-2-A and I-2-B will be emailed out for their review and prompt feedback pertaining to their agency's data is required.

Item 9: CCR Co-branding.

The CCRs being sent out in 2025 for 2024 reporting will be cobranded with the CIWW logo and information pertaining to the operational commencement of CIWW.

Item 10: EPA Risk and Resiliency Assessment (RRA)

Kyle Danley provided an update that DMWW is going to be submitting their RRA by their EPA prescribed deadline and reminded others to confirm their impending deadlines. Tami Madsen provided that CIWW is not required to complete an RRA until 2030.

Item 11: Grimes Projects Discussion

Kevin Hensley provided an update to the Technical Committee that McClure Engineering had made a technical memo concerning connections between Urbandale, Grimes, and Johnston, and Grimes Plant Capacity available to him earlier in the day. Kevin emailed the draft memo to Kyle Danley, Tami Madsen, and Christina Murphy. The memo includes data that Kevin is going to question due to it being different than the data in his records. Investigating alternative connections between Urbandale, Grimes, and Johnston could eliminate the need to build the 42" pipeline that is included in the HDR study resulting in a significant cost reduction.

Kevin Hensley will request more information from McClure Engineering regarding the aquifer study, Fox study, and other items to facilitate the drafting of the RFQ for the addition of 3MGD into the system.

Item 12: Polk City Projects Discussion

No updates were provided.

Item 13: West Des Moines Water Works Projects Discussion

Lyle Hammes provided an update on the WDMWW shallow wells. These will need to be discussed with the Parks Department before any testing can be conducted due to their location in a city park. The deep wells are much more productive than the shallow alluvial wells which have very low flow. WDMWW has retained a consultant for this project due to the urgent need for it to move forward.

Lyle brought new items to the Technical Committee including roof repairs, structural wall repairs, and other items identified in the facility plan. These were approved in the budget. WDMWW has not issued an RFQ/RFP for these projects.

Item 14: Des Moines Water Works Projects Discussion

Design and Construction of the Water Transmission Main Replacement at the DICO site. This project consists of replacing two 30" parallel Core Network mains with a history of leaks with a single larger main. These mains are within a TCE superfund site where a new soccer stadium is being proposed. Due to the expense of repairing the pipe, difficulty locating leaks, and its location within a superfund site, the CI mains need replaced. Christina Murphy asked if this project would qualify for other funding support, such as federal funds, due to this being within a superfund designated area. There has been no other funding identified at this time. A PSA in the amount of \$297,600 has been executed with Snyder. There is currently \$521,000 in 2025 budget. The total project estimate is \$6M.

HVAC and Roof Upgrades - Lindsey Wanderscheid reported that DMWW will solicit bids for HVAC and Roof Upgrades at the lab. The current HVAC unit is 26 years old, which is beyond its life expectancy of 15 years, it also contains R-22 refrigerant. The ballasted roof is original to the building and has many leaks. The estimate to replace the HVAC unit, roof, and controls is \$719,000, and the budgeted amount is \$873,000. The plan is to award this project in April.

Amendment No. 2 to PSA with Snyder – Lindsey Wanderscheid presented a total cost Amendment for work not included in the original Snyder PSA. This work included additional design phase services related to Hickman Road, additional construction phase services, and subsurface utility verification. The total cost of the amendment is \$87,386. The plan is to bid in fall with construction in 2026.

A roll call vote was taken. All member agencies voted yes, Norwalk was absent.

SWTP Feeder Main Phase 3 – Change Order #4 – SWTP Feeder Main Phase 3 – Change Order #4 is necessary due to an unknown water and sewer service to Beaverdale Little League Property adding \$11,302.90 and a change in bid quantities adding \$89,473. The total for change order #4 is \$100,775.90

A roll call vote was taken. All member agencies voted yes, Norwalk was absent.

Item 15: Pumpage and Revenue Summary

The producer member agencies were reminded to email Tami Madsen MOR data for the pumpage and revenue summary.

Item 16: Other business

Kyle Danley reported that DMWW is anticipating high ammonia levels in surface source water in March when spring melting begins. DMWW will notify the Staff Working Group when this occurs as FWTP will likely have higher free chlorine residuals leaving the Plant during this time.

Item 17: The meeting was adjourned at 1:57pm

The next Technical Committee meeting will be held 03/12/2025.