

Minutes

Technical Committee
Central Iowa Water Works
May 14, 2025
Des Moines Water Works Board Room
2201 George Flagg Parkway
Des Moines, Iowa
1:00 p.m.

Present: Don Clark (Ankeny), Jeff May (Clive), Kyle Danley (DMWW), Matt Greiner (Johnston), Kevin Hensley (Grimes), Wayne Schwartz (Norwalk), Randy Franzen (Polk City), Neil Weiss (Urbandale Water Utility, Andy Fish (Warren Water District), Rudy Koester (Waukee), Christina Murphy (WDMWW), Royce Hammitt (Xenia), Shawn Buckner (Ankeny), Lindsey Wanderscheid (DMWW), Matthew Jacob (Urbandale Water Utility), Matt Van Wyk (Warren Water District), Lyle Hammes (WDMWW), Tami Madsen (CIWW), Amy Kahler (DMWW), Dustin Delvaux (CIWW), Derick Anderson (McClure), Matt Stoffel (PFM), Daria Dilparic (WDMWW), Doug Oscarson (DMWW Contractor)

ITEM 1: Call to Order

Chair Kyle Danley called the meeting to order at 1:00pm.

ITEM 2: Introductions

Introductions were made by everyone present at the meeting.

ITEM 3: Approve Minutes for April 9, 2025 – Approval

The minutes of the April 9, 2025, meeting was approved, with no objections, by voice vote.

Andy Fish entered the meeting at 1:02 p.m.

ITEM 4: Energy Management at DMWW – Information

Doug Oscarson presented the history and growth of energy management at Des Moines Water Works. They have earned ISO (International Organization of Standardization) 50001 certification for their commitment to energy efficiency as well as the American standard of SEP 50001 earning a Platinum grade, the highest possible. From 2017-2024 they managed a \$1.7m net savings, reduced energy intensity by 23.29% and reduced CO₂ emissions by more than 51,000 metric tons.

ITEM 5: West Plant RFQ

Tami Madsen announced that the subcommittee tasked with selecting the firm for the West Plant RFQ has recommended Strand Associates. The Technical Committee had no additional questions and Don Clark motioned to vote to bring the recommendation to the Board of Trustees. Neil Weiss seconded the motion. Roll call vote was taken with 11 of the 12 agencies in attendance: 11 aye, 0 nay, 1 absent.

ITEM 6: Feasibility Study Raccoon River Bridges – Information

Kyle Danley informed the Technical Committee of a recent public meeting held by the City of West Des Moines that discussed building a bridge over the Raccoon River for city expansion. Four locations are being considered for this project with two of the two of the locations considered near the Hallet Quarry, a potential water source which WDMWW has the first rights to once the company mining the quarry has finished their work. The two proposed easterly routes could be constructed on CIWW properties, which were purchased for future water supply for the McMullen Water Treatment Plant.

Christina Murphy advised the committee that this is a very preliminary, desktop study for the City of West Des Moines to see what makes the most sense for the city going forward with no actual plans yet in place.

Tami Madsen and Christina Murphy will work together to formulate a response to advise those involved about the potential drinking water source.

Rudy Koester entered the meeting at 1:34 p.m.

ITEM 7: SWTP 10 MGD Expansion Update

Lindsey Wanderscheid updated the committee that DMWW is working with Black and Veatch and HDR on the proposed 2 radial collector and 22 vertical wells. Recently the USACE was not in favor of having wells on their property. After providing an explanation about the benefits of their property regarding source water, and the lack of other sites off USACE property to meet the needed source water, they seemed more receptive. DMWW is moving forward on submitting paperwork to the USACE for borings, interval pump tests and water quality testing.

ITEM 8: Grimes Projects - Discussion

Kevin Hensley informed the committee that the free chlorine conversion is complete and there was only a total of five calls in regards to the change throughout the process. He has also received a quote from Brockway Mechanical & Roofing on the roof replacement for the lime plant in the amount of about \$200,000. He is awaiting a second quote from a different company.

ITEM 9: Polk City Projects - Discussion

- Roof Project

Randy Franzen informed the committee that Polk City received a quote for replacing the roof from Wood Roofing in the amount of \$39,000. The original budget submitted was \$15,000 but the roof is about 35 years old and needs complete replacement.

Tami Madsen advised the committee that this was in her spending authority so no vote by the committee is needed but wanted to confirm that there were no questions or issues. The committee requested that Randy acquire three bids to ensure they receive a comparable quote to which Randy agreed.

ITEM 10: West Des Moines Water Works Projects – Discussion

Lyle Hammes informed the committee that they are continuing their work on the three alluvial wells. WDMWW awarded the proposal for geotechnical test drilling to Braun Intertec. Christina Murphy advised that they are squeezing hard to get these on the IUP to get the funds.

ITEM 11: Des Moines Water Works Projects - Discussion

- Water Production Capital Reallocation

Lindsey Wanderscheid informed the committee that a couple items will be going to the DMWW board for acceptance. The treatment basin recharging and well rehabilitation projects are both several year projects with multi-year contracts and the 2024 portion of the work on both is complete. A change order on the closed loop cooling project is also being sent to the board even though the amount is below the CEO threshold because this would increase the total change order to about \$185,000.

Kyle Danley informed the committee that they are going to reallocate some of their capital budget. The amounts will not change, just be rearranged to utilize the funds for the most urgent projects.

ITEM 12: Pumpage and Revenue Summary - Information

Nothing to report.

ITEM 13: Other Business

- Source Water Quality Update

Kyle Danley advised the committee that the nitrates are slowly dropping in all raw water. They are still keeping a close eye on it as that could change very quickly. DMWW is running two ASR wells, debating when to activate the third, and have an agreement with Ankeny to use their ASR if necessary.

- CIWW Emergency 24-inch Feeder Main Repair

Kyle Danley reported a leak was discovered on a 24-inch feeder main. The main was located 18 feet deep and required a local contractor to dig. Due to the presumed location of the leak (in casing under pavement), the original cost for the complicated repair was estimated to be around \$500,000 but once they were able to trace the source of the leak to a coupling issue, they assessed it should cost closer to \$60,000 for the repair.

- Early Technical Committee Meeting Information

The Technical Committee expressed appreciation for Tami Madsen supplying documents for the meeting in advance.

- Water Usage Best Practices Committee

Tami Madsen gave a brief overview of the discussions that happened at the first Water Usage Best Practices Committee. Most of the focus was on lawn watering and how to encourage citizens to water efficiently.

- Grimes RFQ

Tami Madsen asked for volunteers to score the submissions for the Grimes Plant Expansion RFQ. Neil Weiss, Rudy Koester, Christina Murphy, Lindsey Wanderscheid, Kyle Danley, Kevin Hensley, Lyle Hammes and Matt Greiner all volunteered.

- Nitrate Issue – Emergency Technical Committee Meeting

Kyle Danley reminded the committee that there are no concerns with nitrates at this time. However, he did state that an emergency virtual meeting of the Technical Committee could occur if we needed to consider implementing the water shortage plan.

ITEM 14: Adjourn

Meeting adjourned at 2:15 p.m.