

Minutes

Technical Committee
Central Iowa Water Works
December 10, 2025
Des Moines Water Works Board Room
2201 George Flagg Parkway
Des Moines, Iowa
1:00 p.m.

ITEM 1: Call to Order

Chair Kyle Danley called the meeting to order at 1:02 p.m.

ITEM 2: Introductions

Present: Don Clark (Ankeny), Jeff May (Clive), Kyle Danley (DMWW), Matt Greiner (Johnston), Wayne Schwartz (Norwalk), Randy Franzen (Polk City), Neil Weiss (UWU), Andy Fish (WWD), Rudy Koester (Waukee), Christina Murphy (WDMWW), Royce Hammit (Xenia), Shawn Buckner (Ankeny), Lindsey Wanderscheid (DMWW), Matthew Jacob (UWU), Lyle Hammes (WDMWW), Amy Kahler (DMWW), David Guthrie (Grimes), Aaron Jarosh (Grimes), Daria Dilparic (WDMWW), Melissa Walker (DMWW), Tami Madsen (CIWW), Dustin Delvaux (CIWW), Shawn Gaddie* (AE2S), Jim Winger* (Black & Veatch), Dustin Schultze* (AE2S), Heath Pickens* (HR Green), Rick Baldon*

*Attended Remotely

ITEM 3: Approve Minutes for November 12, 2025 – Approval

The committee approved minutes for November 12, 2025, Technical Committee meeting by unanimous voice vote.

ITEM 4: Water Allocation – Update

Tami Madsen updated the committee that CIWW is still in the process of finalizing water allocations and will need to request additional information to resolve inconsistencies in the previously submitted data.

Shawn Gaddie of AE2S provided a high level, draft presentation comparing the data gathered in 2025 from the two recent capacity request forms submitted with projected numbers from 2024.

Service population projections and per capita water demand projects remained fairly consistent while demand peaking factor projects and peak day demand projects varied.

The presentation also covered the future capacity demands provided by the forms compared to the upcoming increase in water production from upcoming expansions. CIWW is overallocated on both the low estimated and high estimated numbers. Since there are still inconsistencies in the reported data, these numbers are not complete and will need to be updated again.

Tami Madsen advised the committee that these demand projections do not include cost which could influence the amount requested by member agencies.

Some member agencies submitted requests with future ASR capacity included. The committee discussed the ASR capacity rules in the 28E agreement. Shawn Buckner announced to the committee that Ankeny ASR #1 is out of service indefinitely.

Tami Madsen suggested establishing a written policy on required buffer capacity allocations for members. The committee concurred that developing such a policy for review by the Technical Committee, followed by submission for Board approval, would be beneficial.

ITEM 5: Shared Drive Implementation – Update

Tami Madsen gave a brief overview of the Technical Committee's SharePoint site. Dustin Delvaux will distribute access invitations following the meeting.

ITEM 6: After-Action Review – Update

The draft After-Action Review (AAR) report was included in the Technical Committee packet for review. Tami Madsen also provided the committee with a printed list of recommendations from the report, noting that the list is still being updated as she continues to receive input.

ITEM 7: Schedules I2A/I2B: Max Day and Excess Consumption Reconciliation – Recommendation

The Grimes Water Treatment Plant switched from chloramines to free chlorine to align with CIWW's core network finished water quality standards. On the day of the changeover, the Grimes distribution system conducted a flush to complete the process. They recorded 3,348,000 gallons, which would be their maximum day for 2025, compared to their normal max day of 2,765,000 gallons. Grimes made a request that the flush day be excluded from the max day calculation, as it was required for the operational change to meet CIWW's finished water standards.

Don Clark made the motion to approve the recommendation; seconded by Neil Weiss.

After further conversation by the committee, Don Clark amended his motion to set Grimes' 2025 max day amount at 2,765,000 gallons; seconded by Neil Weiss. The recommendation was approved by unanimous voice vote.

ITEM 8: Purple Martin Lake Source Water Protection – Recommendation

Tami Madsen informed the committee of a warehouse construction close to Purple Martin Lake, which is a planned future water source. There is no water use permit for Purple Martin Lake at this

time. Christina Murphy has been working with Dan Carlson, the developer, in the interest of protecting the source water.

Christina Murphy provided additional details. One warehouse has already been constructed adjacent to the property in question, and the developer plans to build a second, though the tenant is currently unknown. Certain potential uses for the warehouse were identified as concerns under the Source Water Protection Act. The developer seeks flexibility in leasing the warehouse, and the property has already been zoned in their favor. WDMWW has proposed that the developer install a flow control device on the storm water ponds outlet that drains toward Purple Martin Lake to prevent contamination runoff in the event of a fire at the warehouses. While the developer agrees with these measures, they do not want to bear the associated costs. The recommendation is for CIWW to proceed with the stormwater improvements and reallocate up to \$200,000 from another project to fund this work, contingent on the developer agreeing to the WDMWW-proposed negative easement.

Neil Weiss motion to approve the recommendation; Andy Fish second. The recommendation was approved by unanimous voice vote.

ITEM 9: West Plant – Update

Christina Murphy met this morning with the source water exploration team, who reported positive results from all sites, including the primary wellfield. They expressed interest in conducting additional drilling at the site to the north, with a preliminary assessment indicating potential production of 15 MGD.

Lyle Hammes noted that a discussion on the preliminary design for pumping and distribution piping will need to take place in the near future.

ITEM 10: Grimes Plant Expansion – Update

- Scope and Design Fee – Recommendation

Tami Madsen provided the estimated costs of the expansion from the HDR report. She advised the committee that the dollar amounts were in 2024 dollars and that she used the ENR Building Cost Index to gauge the potential increase which would be approximately 2.3% higher. There was also some ambiguity on whether total project costs included specific evaluations to be performed in Task Order No. 1.

Tami Madsen brought two task orders for the committee's approval: Task Order No. 1 for Black & Veatch for evaluations and preliminary engineering report in the amount of \$579,810; and Task Order No. 2025-2 for AE2S in the amount of \$146,400 for various services. Black & Veatch is about 1.45% of the estimated total cost with AE2S being about 0.37% of the estimated total cost. She recommended approval of the task orders to bring to the CIWW Board of Trustees.

Christina Murphy moved to approve both Task Order No. 1 for Black & Veatch and Task Order No. 2025-2 for AE2S; Rudy Koester seconded. The recommendation was approved by unanimous voice vote.

ITEM 11: Saylorville Plant – Update

- RO/UF Procurement – Recommendation

Lindsey Wanderscheid informed the committee that USACE has granted access to their land, and Traut has begun soil borings and test pumping.

She then presented the results of the RO procurement. After reviewing bids and evaluations, DMWW met with Wigen, the lowest bidder, and recommends awarding the RO contract to Wigen for a total cost of \$5,269,474.

Don Clark moved to approve the recommendation, and Jeff May seconded. The motion was approved by unanimous voice vote.

Lindsey Wanderscheid also presented the results of the MF/UF procurement. DMWW recommends awarding the MF/UF contract to Wigen for \$5,370,580.

Christina Murphy moved to approve the recommendation, seconded by Jeff May. The motion was approved by unanimous vote.

ITEM 12: Projects Updates – Discussion

- WDMWW Update

Lyle Hammes provided an update on the High Service Pump #3 replacement. The pump is operational, but the team is addressing a vibration issue. The project is nearly complete, with only a few minor items remaining. He also reported on the A.C. Ward Facility repairs, noting that WDMWW received initial construction estimates of \$2.8 million—slightly above the planned budget—but there is still an opportunity to refine or remove certain items.

Daria Dilparic updated the committee on the Alluvial Wells project. Three of the five drillings have been completed. The wells on city of DM property did not yield positive results; test hole 3 was converted to a monitoring well but produced only 8 gallons. She also provided an update on the Source Water Protection Plan, noting that a draft is expected soon and will be shared with the team for review. She anticipates the plan will be finalized within the next month or two.

- DMWW Update

Lindsey Wanderscheid provided updates on several projects. She reported that the safety showers and tempering project is estimated at \$410,000, to be funded using the budget carried over from 2025. She also briefed the committee on the 2026 Tuttle Street Feeder Main Joint Seal project, which is scheduled for award in January 2026.

For the Des Moines River Intake Improvements project, the sluice gates require repairs. A change order has been submitted to repair the bottom concrete sealing surface.

Finally, Lindsey updated the committee on the 2026 FWTP Control Room Upgrade, which involves modernizing the facility. This project was originally budgeted for 2025, and the funding will be carried over to 2026.

ITEM 13: Operations Updates – Information

- WDMWW

Lyle Hammes informed the committee that the new lime and soda ash bin sensors are now in place, the sludge thickener is operational again, and the pressate tank is being cleaned. He also noted that a PRV repair is underway at the high service pump station and that the bulk water station has been shut down for the winter.

- DMWW

Kyle Danley provided updates on several maintenance and inspection activities, including the FWTP West Low Lift suction well cleaning, FWTP transformer maintenance and inspection, Des Moines River intake repairs, the discovery of zebra mussels in the Des Moines River, and SWTP pretreatment cleaning and inspection.

ITEM 14: Pumpage and Revenue Summary – Information

The committee was provided with the updated pumpage and revenue summary.

ITEM 15: Other Business

Kyle Danley stated the nitrates in the Raccoon River reached above 11.06 mg/L requiring DMWW to switch to the Des Moines River as the water source. Running the nitrate facility during the winter months is not unprecedented; it has occurred before and could happen again this winter.

- Meeting Materials Distribution – Discussion

The committee was asked how they would prefer to receive information prior to future meetings. They agreed that memos summarizing all action items on the CIWW Technical Committee agenda, along with more detailed supporting information, would be helpful. They also requested that CIWW continue distributing the presentation slides after each meeting.

Tami Madsen presented the schedule of next year's Technical Committee meeting dates and advised that the committee will need to reelect officers in January.

ITEM 16: Adjourn

Chair Danley adjourned the meeting at 3:16 p.m.