

## Minutes

Technical Committee  
Central Iowa Water Works  
June 11, 2025  
Des Moines Water Works Board Room  
2201 George Flagg Parkway  
Des Moines, Iowa  
1:00 p.m.

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Present: 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), Jerry Freestone (Clive), Lindsey Wanderscheid (DMWW), Matthew Jacob (Urbandale Water Utility), Matt Van Wyk (Warren Water District), Lyle Hammes\* (WDMWW), Bob Bash (Ankeny), Tami Madsen\* (CIWW), Amy Kahler (DMWW), Daria Dilparic (WDMWW), Dustin Delvaux (CIWW) Gary Eshelman (WDMWW), Nathan Casey (DMWW), Melissa Walker (DMWW), Matt Stoffel (PFM), Nick Babberl (PFM), Dustin Schultz\* (AE2S)

\*Attended virtually

ITEM 1: Call to Order

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

Kyle Danley requested to move source water quality to after minutes approval. The committee consented.

ITEM 2: Introductions

ITEM 3: Approve Minutes for May 14, 2025 – Approval

The minutes of the May 14, 2025, meeting were approved, with no objections, by voice vote.

ITEM 4: Source Quality Water Update

Tami Madsen advised that source water conditions have pushed the need to enter Water Shortage Plan Stage II: Voluntary 50% Reduction in Lawn Watering. She also determined that the

committee is very close to needing to discuss entering stage III. If demand and source water quality are not under control, lawn watering will be prohibited.

Kyle Danley presented on water quality. June 10, 2025, demand was at 67 MGD, higher than anticipated. Nitrates on the Raccoon River were the same as yesterday which is not being used as source water for treatment. The Des Moines River has risen as well as the Gallery. 1 mg/L increase in nitrates means losing 4 MGD of finished water. He proceeded to present scenarios that showed that even with 7 nitrate vessels on, all treatment facilities running at full capacity, and injecting ASR water, that customer demand is still looking to reach almost 100% capacity today, and tomorrow it is predicted to exceed that capacity meaning CIWW be close to exceeding nitrate levels in the finished water if demand does not go down.

Christina Murphy stated West Des Moines Water Works could push about 0.5 MGD to 0.7 MGD from their plants into another pressure zone in West Des Moines. Due to medical facilities that are sensitive to water changes they need to be notified ahead of time.

Polk City treatment plant is currently maxed out.

Grimes isn't hooked up to the core network and could not assist in reducing treatment demand on the remaining CIWW system.

Various suggestions of how to encourage reducing customer demand were provided to the committee.

Tami Madsen clarified that CIWW needs to move to stage II with strong messaging that there needs to be a concerted effort to reduce unnecessary water usage. Rudy Koester recommended moving to Water Shortage Plan Stage II; Shawn Buckner seconded. The recommendation was approved unanimously by voice vote.

Neil Weiss recommended that if finished nitrates exceed 10 mg/L, CIWW will send out notice even though this is not technically a violation under DNR standards until it reaches 10.49 mg/L; Royce seconded. The committee approved the recommendation unanimously by voice vote.

A Technical Committee Meeting to update further was set for 9:00 a.m. on June 12, 2025.

#### ITEM 5: Firm Capacity | New Plants – Policy Discussion

Tami Madsen informed the committee that during the Q&A sessions with firms bidding on the Grimes Expansion project, many asked about whether they should plan for a 20-hour firm capacity or 24-hour firm capacity plant. After much discussion, the Grimes Technical Team advised that the CIWW Technical Committee consider 24-hour firm capacity designation for all new water facilities and expansions.

Kyle Danley stated that 20-hour firm capacity means plant needs to be bigger and needs more room. 24-hour firm capacity seems reasonable and would not be overbuilding on facilities.

Matt Greiner recommended going forward all new water facilities and expansions have 24-hour firm capacity; Jeff May seconded. The committee agreed unanimously by voice vote.

ITEM 5: West Plant Master Services Agreement (MSA)

- Design Team Volunteers

Tami Madsen advised that she is working with Strand and WDMWW on a scope for the West Plant Expansion. She provided a memo outlining the current proposed scope and fee and asked for a consensus vote to recommend the provided scope and estimated fee, with a marginal change, to the Board of Trustees. This would still allow for further negotiations between the Technical Committee and Board of Trustees meeting. Since the memo was sent to the committee members, she received more information on the task order but still lacks certain clarifications. She amended the recommendation to three different options: continue negotiating this scope and fee with the team and take to the board, not to exceed \$1.5 million; continue negotiations and have another Technical Committee meeting before the June Board of Trustees meeting to review further discussions; or delay it a month which will put everything a month behind including preliminary work.

Kevin Hensley recommended giving Tami the ability to negotiate up to \$1.6 million and latitude to negotiate the scope; Shawn Buckner seconded. Approved by voice vote.

Kyle Danley advised the committee of the volunteer opportunity to join the design team for the West Plant Expansion or the Grimes Expansion.

ITEM 6: Grimes RFQ – Update

Tami Madsen advised that the Grimes RFQ team accepted five firms' requests to meet with the Grimes RFQ team for a Q&A. Proposals are due June 26, 2025, and will be awarded July 23, 2025. A sixth firm has since advised they will also be submitting a proposal.

ITEM 7: Saylorville Plant Update

- West Feeder Main Phase 3 Update

Kyle Danley updated that this project has completed pipe installation and is now 75% complete. Multiple joint leaks need repairing which is very unusual. It also has not passed pressure testing, so the contractor is performing helium testing to find leaks which has caused the project to take an additional month to finish.

Lindsey Wanderscheid explained that the SWTP Expansion is working on water supply. Geological testing is necessary so there will be additional boring and pump tests needed. \$172k was the best estimate provided from Traut. Since this is a large change order, she has brought it to the Technical Committee for approval. Unanimously approved through roll call vote.

ITEM 8: Grimes Projects - Discussion

Kevin Hensley is still waiting for a second quote for lime removal on the roof.

ITEM 9: Polk City Projects – Discussion

Randy Franzen should have 3 bids next time for the roof replacement at Polk City's plant.

ITEM 10: West Des Moines Water Works Projects – Discussion

Daria Dilparic said they applied for an IUP for the alluvial wells. Test drilling will commence in a couple of weeks. There is an RFQ out for facilities improvement project to address structural aspects of AC Ward.

ITEM 11: Des Moines Water Works Projects - Discussion

Lindsey Wanderscheid informed the committee that the FWTP Pump station HVAC upgrades are complete. There were some change orders, so the current plan is to take the total amount to the DMWW board for acceptance.

She updated the committee on the 2024 FWTP filter media replacement. This was an ongoing project as they could only replace one filter at a time and had to avoid summer months. Hydro-Klean did the work with around \$90k in change orders. Work on this project will be completed by the time DMWW board meets in June.

ITEM 12: Pumpage and Revenue Summary – Information

Tami Madsen advised there was nothing to update.

ITEM 13: Other Business

No Other Business.

ITEM 14: Adjourn

Kyle adjourned the meeting at 2:28 p.m.