
Minutes

Technical Committee
Central Iowa Water Works
March 11, 2026
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), Jerry Freestone (Clive), Kyle Danley (DMWW), Matt Greiner (Johnston) (entered at 1:06 p.m.), Kevin Hensley* (Grimes), Wayne Schwartz* (Norwalk), Randy Franzen (Polk City), Neil Weiss (UWU), Andy Fish (WWD), Tim Royer (Waukee), Christina Murphy (WDMWW), Royce Hammitt (Xenia), Lindsey Wanderscheid (DMWW), Shane Kinsey* (Johnston), Joe Ballard* (Norwalk), Matt Van Wyk (WWD), Tami Madsen (CIWW), Dustin Delvaux (CIWW), Amy Kahler (DMWW), Daria Dilparic (WDMWW), Derek Gardels (Aqualytics), Jenny Ruddy* (Strand), Lyle Hammes* (WDMWW), Dustin Schultz* (AE2S), Shawn Gaddie* (AE2S), Matt Stoffel* (PFM)

*Attended remotely

ITEM 3. Approve Minutes for February 11, 2026 – Approval

The committee approved minutes for February 11, 2026, Technical Committee meeting by unanimous voice vote.

ITEM 4. Aqualytics Presentation

Derek Gardels presented Innovative Solutions for Peak Demand Management. There are three components to demand side management: peak shaving, load shifting, conservation. The study focused on managing peak demand through lawn irrigation with smart controllers that contribute to all three types of demand management. Although the study conducted was limited, it provided positive results indicating the study could be expanded.

ITEM 5. AE2S Task Order 2026-1 General Engineering and Program Management - Recommendation

Tami Madsen advised the committee of the \$200,000 budgeted amount for CIWW's primary engineering consultant, AE2S. The task order contains general engineering tasks along with other items requested by the board and long-range planning support. Specific tasks included are continued evaluation of member demand projections beyond the West Plant and Grimes allocations; Capital Improvement Plan compilation and adoption, as outlined in the 28E; refinement and implementation of standard front-end specifications; financial and cash flow funding coordination; June and September project list review for IUP; and coordinated development of CIWW budget book.

Don Clark moved to recommend Task Order 2026-1 to the CIWW Board of Trustees; seconded by Andy Fish. Approved by unanimous voice vote.

ITEM 6. Water Shortage Plan – Update

Tami Madsen advised that she has received various comments with differing suggestions.

The committee discussed moving the proposed Stage 1 about educating and messaging aiming for a 25% in water use reduction to Stage 0. One key component is that Stage 4 may be mentioned in the 28E and might need to remain in the Water Shortage Plan.

The committee discussed enforcement during Stages 3 and 4, noting that each member agency is responsible for enforcement with its own customers. City managers requested development of a model code; however, implementation varies among member agencies, including cities, water utilities, and rural agencies. Nyemaster has developed guidelines for a model code and provided them to city managers.

ITEM 7. Schedule I-2-A and I-2-B – Approval

Tami Madsen informed the committee that after last meeting and before Board of Trustees meeting, DMWW notified CIWW of calculation error.

Amy Kahler informed the committee of a calculation error that resulted in a \$71,000 overpayment by DMWW to CIWW in 2025. CIWW has agreed to correct the billing for this error. This calculation affects Schedule I-2-A, requiring the Technical Committee to reapprove the schedule and recommend it to the Board for adoption by resolution.

Tim Royer made a motion to approve the modifiable board schedules I-2-A and I-2-B and forward these on to the Board of Trustees; seconded by Matt Greiner. Kyle Danley abstained from the vote. The schedules were approved by voice vote.

ITEM 8. West Plant – Update

Christina Murphy stated the design team is continuing to have biweekly meetings. The design

team recommends engaging HDR to perform necessary modeling to determine pumping criteria from the plant and to evaluate core network connection points. The Stage I Environmental Assessment is moving forward with Terracon for the four sites discussed previously for the location of the West Plant.

- West Plant Test Well Drilling Contract Not to Exceed Request – Recommendation

Jenny Ruddy, of Strand Associates, provided information related to necessary test wells at the West Plant well field location. Four qualified contractors were contacted to provide quotes for test wells in order to identify where to site wells for the West Plant. Two quotes have been received and a third is expected. The quotes received were higher than expected. Strand is reassessing the project scope and has requested revisions; no responses to the updated scope have been received to date.

Because this is a critical path item, Tami Madsen requested a recommendation to the Board of Trustees to authorize an agreement not to exceed \$295,000 for West Plant Test Well Drilling services.

Andy Fish made a recommendation to take the West Plant Test Well Drilling Contract to the Board of Trustees with a Not to Exceed of \$295,000; seconded by Don Clark. Approved by unanimous vote.

- Task Order 2025-3 Owner’s Representative Services – Recommendation

Tami Madsen advised the committee of Task Order 2025-3 for the West Plant. There have already been modifications based on feedback: added more defined language that this Task Order is not solely for West Plant but includes other similarly funded SRF expansion projects and added wording that tasks are only performed after receiving permission from the Executive Director or Board of Trustees. This Task Order allows CIWW to bill the appropriate project participants for work that is completed. SRF projects are funded on the expansion allocation methodology and to the participating members differently than general O&M type tasks.

Andy Fish made a recommendation to take Task Order 2025-3 to the Board of Trustees for approval; seconded by Don Clark. Approved by unanimous voice vote.

ITEM 9. Grimes Plant Expansion – Update

Tami Madsen informed the committee of the Grimes Plant Expansion updates starting with the Grimes Open House on February 25, 2026, which had attendance of around 25-30 people. Some participants included the IDNR, IFA, elected officials, and regional stakeholders. The water use permit application for the Grimes Expansion project has been submitted to the IDNR. The connection point between Grimes and Urbandale is still under review and has undergone modeling. The Grimes project team met to discuss the Raw Water Supply Evaluation, the Primary Disinfection Evaluation, and various other components of the project.

ITEM 10. Saylorville Plant – Update*

Lindsey Wanderscheid advised that the Phase II Environmental Site Assessment is starting next week. They have completed about 30% design. The yield assessments were performed since the previous meeting and the results provided showed firm capacity of 27.6 during summer and 22.7 in winter. They have reviewed submittals from Wigen for RO and UF.

ITEM 11. Projects Updates – Discussion

- Polk City – no updates
- Grimes – no updates
- West Des Moines Water Works

Daria Dilparic informed the committee that the high service pump 3 vibration issue is resolved, and they are now moving to high service pump 5. The AC Ward Facility Repairs passed 60% design phase completion. They received the reports on hazardous materials and will begin evaluating the results. WDMWW has received quotes for the 98th St Tower Mixer and will discuss with Clive, Waukee and DMWW. CIWW approved the test drilling contract with Northway for the Alluvial Wells which will begin this week.

- Des Moines Water Works

Lindsey Wanderscheid advised the committee of the Fluoride Room Improvements. The schematic design is complete. They will be replacing tanks and pumps in addition to performing structural modifications. The estimated cost is \$1.0M. The PSA for design was awarded to Strand at \$179k.

ITEM 12. Operations Updates – Information

- Polk City
- Grimes
- West Des Moines Water Works

Daria Dilparic advised that WDMWW's raw meter replacement switch. They will be replacing the High Service Pump pressure reducing valve this week. Solids contact unit Number 1 is still out of operation and they are moving forward with obtaining quotes.

- Des Moines Water Works

Kyle Danley provided updates on the water treatment plants. At the Fleur Water Treatment Plant, CO₂ feed system repairs and treatment basin rechaining are underway. The McMullen Water Treatment Plant requires cleaning of grit separators. DMWW will install a second temporary ASR injection tube to continue ASR operations. Delays in repairing the ASR have caused a injections to become behind, with one component still pending to complete repairs. At the Saylorville Water Treatment Plant, UF 3 is undergoing coating repairs, and the RO/UF blending valves are being repaired.

Nitrate levels upstream are elevated, with concentrations in the Raccoon River unusually high for this time of year. As a result, DMWW is drawing on water typically reserved for later in the season, which could reduce backup resources below normal levels.

ITEM 13. CIWW Update

- Stuart Utilities District

Tami Madsen advised that Stuart Utilities District (SUD) approached CIWW and Xenia to purchase water from them. CIWW declined the offer to purchase water from SUD at this time.

- CIP Update

There will be a Long-Range Planning meeting in April.

ITEM 14. Pumpage and Revenue Summary – Information

The pumpage and revenue summary was unavailable in time for the meeting.

ITEM 15. Other Business

- April Long-Range Planning Committee Meeting will be held following the Technical Committee Meeting

ITEM 16. Adjourn

Don Clark moved to adjourn; seconded by Andy Fish. Chair Danley adjourned the meeting at 3:10 p.m.