
Minutes

Technical Committee
Central Iowa Water Works
May 13, 2026 @ 1:00 p.m.
Des Moines Water Works Board Room
2201 George Flagg Parkway
Des Moines, Iowa

ITEM 1. Call to Order

Chair Kyle Danley called the meeting to order at 1:01 p.m.

ITEM 2. Introductions

Present: Don Clark (Ankeny), Jerry Freestone (Clive), Kyle Danley (DMWW), Matt Greiner (Johnston), Matt Ahrens (Grimes), Wayne Schwartz (Norwalk), Randy Franzen (Polk City), Neil Weiss (UWU), Andy Fish (WWD), Tim Royer (Waukee), Christina Murphy (WDMWW), Royce Hammitt (Xenia) (Entered at 1:12 p.m.), Matthew Jacob (UWU), Matt Van Wyk (WWD), Lyle Hammes (WDMWW), Dustin Delvaux (CIWW), Tami Madsen (CIWW), Nick Furness (Polk City), Daria Dilparic (WDMWW), Amy Kahler (DMWW), Shane Kinsey (Johnston), Dustin Schultz* (AE2S), Shawn Gaddie* (AE2S), Matt Stoffel (PFM), Darrin Hager (HNTB)

*attended remotely

Nick Furness was introduced as the new Public Works Director for Polk City and has been appointed as the community's representative on the Technical Committee, replacing Randy Franzen.

ITEM 3. Approve Minutes for April 8, 2026 – Approval

The committee approved minutes for April 8, 2026, by unanimous voice vote.

ITEM 4. Approve Minutes for April 27, 2026 – Approval

The committee approved minutes for April 27, 2026, by unanimous voice vote.

ITEM 5. 2026 CIWW Source Water Protection Plan – Recommendation

Christina Murphy advised the committee that no comments or revisions had been received regarding the Source Water Protection Plan. She stated that the next step is for the committee to recommend submission of the plan to the Iowa Department of Natural Resources (DNR) for approval. Following DNR approval, the plan will be presented to the CIWW Board to receive and file.

Andy Fish moved to recommend that the CIWW Technical Committee submit the Source Water Protection Plan to the DNR for approval. Wayne Schwartz seconded the motion. The motion carried unanimously by voice vote.

ITEM 6. West Plant – Update

Christina Murphy advised the committee that a small group conducted tours of several membrane treatment plants near Lake Michigan, as well as facilities at Des Moines Water Works and Adel. She noted that two additional local tours are planned at the Grimes and Winterset facilities. She stated that the tours provided valuable information regarding operational successes and challenges experienced at the other plants.

Christina reported that the Stage 1 assessment for the four potential sites identified no notable additional costs associated with any of the locations. She also advised that the project team held its initial kickoff meeting with HDR May 12 to discuss hydraulic modeling efforts. In addition, the team is reviewing a solar study related to the project.

She also stated that the Design Team’s next steps include evaluating various treatment alternatives and coordinating with Northway to conduct additional testing at the well site within the next one to two months.

Lyle Hammes advised the committee that Strand had drafted a non-monetary assessment. The Design Team reviewed the document and provided feedback, which has since been returned to Strand for further review.

ITEM 7. Grimes Plant Expansion – Update

Matt Ahrens updated the committee that modeling efforts are ongoing and that assessments have been submitted for review. He advised that one of the tasks Black & Veatch is evaluating is the operation of both the north and south Jordan wells simultaneously, along with hydraulic modeling updates related to system connections. Additionally, the Grimes Ground Storage Reservoir has reached final completion.

ITEM 8. Saylorville Plant – Update

Chair Danley advised the committee that a draft report for the Phase II Environmental Site Assessment (ESA) had been submitted. He noted that the wetland and rare species reports are expected next month. Chair Danley also reported that the team is continuing to advance the plant design and is working on the design report for the Horizontal Collector Wells. In addition, he stated that several contaminants were detected and will be discussed further at the next Design Team meeting.

ITEM 9. Projects Updates – Discussion

- Polk City
 - Nick Furness advised the committee that work is underway to fill the community’s water tower. He stated that the fill process is expected to take approximately five to seven days. Nick also reported that efforts are ongoing to connect power and communications systems, with completion anticipated within the next five weeks.
 - Randy Franzen asked whether their tower fill should be delayed until the following week due to Ankeny also conducting a tower fill. Following

discussion, the committee determined that no concerns were anticipated because both communities are utilizing a slow-fill process.

- Grimes
 - Grimes staff advised the committee that valve replacement work is underway at the lime plant.
- West Des Moines Water Works
 - Daria Dilparic advised the committee that the kickoff meeting for High Service Pump No. 5 has been completed. She reported that repairs at the A.C. Ward Facility are anticipated to go out for bid in June.
 - Daria also stated that water quality results from the Site 5 alluvial wells are promising, with no PFAS detected. WDMWW is coordinating with Northway to install an additional test well to obtain water quantity measurements.
 - In addition, she advised that the Request for Proposals (RFP) for the A.C. Ward Water Quality Study has been posted on both the WDMWW and CIWW websites.
- Des Moines Water Works
 - Chair Danley provided an update on ongoing Des Moines Water Works (DMWW) projects. He advised the committee that work on the Lab HVAC and Roof Upgrades project has been completed. He also reported that the 5kV System Upgrades – Generator Switch Replacement project received three bids, with award of the contract anticipated at the May DMWW Board meeting.
 - Chair Danley stated that DMWW typically procures one tray of reverse osmosis (RO) membranes each year. Following successful testing of a new membrane brand, DMWW was able to competitively bid the procurement this year. The bid award is expected to be presented to the DMWW Board in May.
 - He further advised that DMWW generally conducts one ultrafiltration (UF) membrane procurement annually; however, only one membrane type is compatible with the system. The procurement, with an estimated cost of approximately \$780,000, is also expected to be awarded at the May DMWW Board meeting.
 - Chair Danley reported that the SCADA backbone improvements project has been bid and is anticipated to begin soon. In conjunction with that effort, DMWW amended its contract with HDR to provide construction-related services.
 - Regarding the Fleur Water Treatment Plant Filter Plant Rehabilitation project, Chair Danley noted that Phase 1 design services had previously been approved, and DMWW is now seeking approval for amendments related to Phase 2 and Phase 3 design services.

- Chair Danley also updated the committee on the Fleur Water Treatment Plant Nitrate Removal Expansion assessment. He stated that the assessment has been completed and recommendations have been received. DMWW continues to evaluate multiple options, has reviewed proposed alternatives and provided comments, and expects to receive the final report by the end of June.

ITEM 10. Operations Updates – Information

- Polk City
 - No further updates.
- Grimes
 - No further updates
- West Des Moines Water Works
 - Lyle Hammes updated the committee that WDMWW has two wells out of service for rehab, their raw water meter is being replaced this month, new water production data software was installed, they are performing backflow work while plant is shut down, and chemical prices are being affected by fuel costs and market volatility.
- Des Moines Water Works
 - Chair Danley updated the committee on the Fleur Water Treatment Plant nitrate brine pump hose replacement and completing basin season and shaft replacement; the McMullen Water Treatment Plant ASR pump installation by Northway and the new injection valve instrumentation allowing for more varied injection rate; The McMullen Water Treatment Plant new carbon feed system piping; and the Saylorville Water Treatment Plant RO cleanings and filter rotation which extends the membrane's life.
 - The Nitrates on the Racoon River are 12.93 mg/L, 10.92 mg/L on the Des Moines River, and 10.79 mg/L at the Gallery. They have not been using the Racoon River water. They are taking about 2.5 MGD from the Maffitt Reservoir, bringing it down 6.3' from its typical elevation at this time of year. Crystal Lake is still very low but is filling slowly. They are running around 5-6 Nitrate vessels.

ITEM 11. CIWW Update

Tami Madsen reviewed Stage I of the Water Use Plan with the committee, including a breakdown of responsibilities and actions assigned to CIWW and the member agencies. She also presented newly developed communications materials and advised that a Media Toolkit has been added to the CIWW website.

Ms. Madsen informed the committee that CIWW has been awarded a \$25 million grant for the nitrate removal facility project. In addition, the ag budget includes \$800,000 for expanded water quality monitoring, additional watershed-related funding, and the creation of a rural revolving fund to support upgrades to water and wastewater treatment systems. The committee discussed the funding, including the importance of clear public messaging

regarding the timeline associated with research efforts and expansion of nitrate-resilient infrastructure.

Ms. Madsen also advised the committee that the City of Van Meter has expressed preliminary interest in joining CIWW. She stated that discussions remain in the early stages and that the city is currently evaluating the potential benefits of joining CIWW compared to constructing a new treatment plant independently.

ITEM 12. Pumpage and Revenue Summary – Information

The pumpage and revenue summary was presented.

ITEM 13. Other Business

- Presentation by Warren Water District
 - Andy Fish displayed pictures taken during the Hartford water tower dismantling.

ITEM 14. Adjourn

Andy Fish moved to adjourn. Chair Danley adjourned the meeting at 2:13 p.m.