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## Minutes

Technical Committee  
Central Iowa Water Works  
April 27, 2026 @ 9:00 a.m.  
Central Iowa Water Works  
4601 Westown Parkway, Suite 122  
West Des Moines, Iowa

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### ITEM 1. Call to Order

Chair Kyle Danley called the meeting to order at 9:01 a.m.

### ITEM 2. Introductions

Lindsey Wanderscheid, Dustin Delvaux, Tami Madsen, Amy Kahler, Matt Stoffel, Neil Weiss, Andy Fish, Kyle Danley, Daria Dilparic, Jamie Buelt, Jeff May, Lyle Hammes, Matthew Jacob, Matt Ahrens, Matt Greiner, Randy Franzen, Matt Van Wyk, Rudy Koester, Shane Kinsey, Shawn Buckner, Tim Royer, Melissa Walker, Shawn Gaddie, Wayne Schwartz, Laura Sarcone, Jeff May, Corey Iben, Don Clark, Royce Hammitt, Josh Heggen

### ITEM 3. Review, Discuss, and Possible Action Regarding CIWW's Current Operational Status

Tami Madsen provided an update on actions taken at the recent Board meeting, including approval of the amended Water Use Plan and authorization for the CIWW Technical Committee to implement Stage I, Stage II, or both if conditions warrant in the coming weeks. She discussed the varying approval authorities represented on the Technical Committee, which contributed to the recommendation structure included within the approved Water Use Plan.

Tami Madsen informed the committee that irrigation demand had not yet significantly increased; however, the Fleur Drive Water Treatment Plant continues to experience challenging water quality conditions. She stated that the Technical Committee would need to consider whether to continue messaging focused on delaying irrigation or transition into Stage I of the Water Use Plan, which requests a 25% reduction in water usage.

Chair Danley provided an update on current nitrate concentrations in source waters, reporting the Raccoon River at 13.71 mg/L, the Des Moines River at 11.84 mg/L, and the Infiltration Gallery at 11.16 mg/L. He noted that nitrate levels in the Gallery are unusually high and that

overall nitrate concentrations are historically elevated for the month of April. Chair Danley also reported that Maffitt Reservoir levels are approximately 5.5 feet below normal pool elevation and that an additional 10-foot decline would prevent gravity flow to the treatment plant. Crystal Lake is also at a reduced elevation, with current refill and withdrawal rates of approximately 5 MGD. He further advised that injections at the LP Moon and Army Post Road Aquifer Storage and Recovery (ASR) facilities had been paused, leaving them at approximately 95% and 91% capacity, respectively. McMullen continues injections and is currently at approximately 73% capacity but plans to temporarily suspend injections due to a pump installation project. Des Moines Water Works is currently operating five to six nitrate removal vessels.

Chair Danley reviewed the 2025 Water Use Plan timeline, noting that customer demand first exceeded 60 MGD on May 6, 2025; Stage I was implemented on May 25; customer demand reached 66 MGD on June 1; Stage II was implemented on June 11; Stage III was implemented on June 12; and rollback activities began on July 18. He also reviewed key 2026 operational milestones, including Raccoon River nitrates reaching 17.45 mg/L on January 25, nitrates in the Gallery reaching 11 mg/L on April 7, and customer demand reaching 50 MGD on April 22. On April 22, the Fleur Drive Water Treatment Plant was producing approximately 44 MGD, representing 59% of plant capacity, with a calculated finished water nitrate concentration of 9.2 mg/L. Including ASRs and other reserves, system production totaled approximately 61 MGD compared to customer demand of 50.4 MGD, representing approximately 83% of available capacity. Chair Danley further noted that on April 26 nitrate levels showed slight improvement, with the Fleur Drive Water Treatment Plant operating at approximately 60% capacity and estimated customer demand at approximately 73% of system capacity.

The committee discussed operational concerns related to Maffitt Reservoir and the possibility that water levels could decline to a point where gravity flow would no longer be possible. Members discussed that such conditions could necessitate entering certain stages of the Water Use Plan. The committee also noted the importance of preserving ASR reserves for anticipated summer demand conditions.

Lyle Hammes informed the committee that West Des Moines Water Works' new ASR facility construction is complete and outlined the planned testing schedule, which included multiple cycles of injection and recovery-to-waste testing. He advised that the EPA had indicated injections could occur at rates lower than 2.5 MGD. Lyle Hammes stated that he had been coordinating with Nathan Casey of Des Moines Water Works regarding whether testing activities should proceed under current water supply conditions.

Following discussion, the committee agreed that delaying ASR testing would be the most prudent approach in order to prioritize filling wells and ASRs for the upcoming summer season, despite the possibility that delaying testing could impact the ASR's ability to operate at full capacity next year.

The committee also discussed whether to continue public messaging encouraging delayed irrigation or to formally enter Stage I of the Water Use Plan. Members noted that some member agencies maintain irrigation backflow testing deadlines that could potentially be extended if necessary. The committee also acknowledged that implementation of Water Use Plan stages does not necessarily need to occur sequentially if conditions warrant moving directly into a higher stage.

Tami Madsen requested that committee members to update appropriate stakeholders regarding the potential for rapid changes in Water Use Plan stages due to evolving conditions. She concluded with a summary of actions and next steps, including that the Technical Committee would not implement Stage I at this time but would continue messaging the importance of delaying lawn irrigation; Water Use Plan materials would be distributed to Technical Committee members; CIWW would meet with the media later in the week to provide an update on regional water supply conditions; and the Technical Committee may reconvene prior to its next regularly scheduled meeting if conditions require additional action.

Chair Danley adjourned the meeting at 9:47 a.m.