

NOTICE OF MEETING

CENTRAL IOWA WATER WORKS TECHNICAL COMMITTEE

Des Moines Water Works Board Room
2201 George Flagg Parkway
Des Moines, Iowa

September 11, 2024
1:00 pm

MINUTES

Present: Shawn Buckner (Ankeny), Caitlin Caldwell (DMWW), Don Clark (Ankeny), Kyle Danley (DMWW), Andy Fish (Warren Water), Jerry Freestone (Clive), Lyle Hammes (WDMWW), Corey Iben (Xenia), Matthew Jacob (UWU), Amy Kahler (DMWW), Rudy Koester (Waukee), Christina Murphy (WDMWW), Mitch Pinkerton (WDMWW), Lindsey Wanderscheid (DMWW), and Neil Weiss (UWU).

Item 1: The meeting was called to order at 1:03 p.m. by Kyle Danley.

Item 2: Introductions were made by everyone present in the meeting.

Item 3: Minutes Approved for August 14, 2024 – minutes approved with no objection.

Item 4: Executive Director & Administrative Assistant – Information: Andy Fish provided an update that Lainey Davison will begin as CIWW's Executive Assistant on September 16th, working initially in DMWW's engineering department for orientation and training. Interviews for CIWW's Executive Director position are scheduled to start in early October.

Item 5: Saylorville Water Treatment Plant 2 Land – Information: Kyle Danley discussed acquiring land for the new Saylorville Water Treatment Plant 2. HDR will modify and resubmit the proposal by the end of the week. Land evaluation is expected to be completed by year-end, with continued discussions with the landowner this week. Kyle inquired about interest from Technical Committee members for a workshop with HDR and DMWW. Soil boring will be coordinated to avoid damaging crops on the property.

Item 6: A.C. Ward Water Treatment Plant Facility Tour – Information: A.C. Ward Water Treatment Plant Facility Tour is scheduled for Tuesday, October 15, from 3:00 to 4:30 p.m. at 1505 Railroad Ave, West Des Moines.

Item 7: Preliminary Budget – Information – Amy Kahler provided a brief update on the current status of the producers' budgets and shared progress on the work PFM is undertaking to prepare the CIWW budget for presentation to the board.

Item 8: Future Bidding Process of CIWW – Information: Caitlin Caldwell discussed with the group the need to develop a bidding process for CIWW. This includes the standardization of front-end documents, utilizing a bid hosting platform, ensuring transparency and accessibility, establishing bid submission protocols, maintaining compliance with regulations, and implementing a clear process for evaluation and selection.

Item 9: HDR Future Treatment Plant Study – Information: Lindsey Wanderscheid discussed comparison of Alternate 1 and Alternate 2 presented by HDR in the Future Treatment Plant Study. In the non-monetary evaluation, Alternative 2 scored 57.8, while Alternative 1 scored 54.6. In terms of monetary evaluation, Alternative 2 is estimated to cost approximately \$50 million more than Alternative 1, with a Class 5 cost estimate range of -35% to +60%. HDR recommends moving forward with Alternative 2, and there was discussion of when the Technical Committee should vote on a recommendation for an alternative.

Alternative 1:

- McMullen: Increasing from 25 MGD to 37.5 MGD by 2030, remaining consistent through 2050.
- Saylorville: Expanding from 10 MGD to 20 MGD by 2030, with further increases to 45 MGD by 2035 and 70 MGD by 2045.
- Grimes: Projected to grow from 5.2 MGD to 8.5 MGD by 2040.
- Total Treatment Capacity: Increasing from 134.5 MGD to 210.3 MGD by 2045.

Alternative 2:

- Saylorville: Projected to increase from 0 MGD to 20 MGD by 2030, 45 MGD by 2035, and 70 MGD by 2045.
- West: A new plant is projected to reach 12 MGD capacity by 2035.
- Grimes: Projected to grow from 4.4 MGD to 8.5 MGD by 2040.
- Total Treatment Capacity: Increasing from 133.7 MGD to 209.8 MGD by 2045.

A Modeling and Distribution Improvements Workshop is scheduled for September 17. The final presentation to the Technical Committee will take place on October 9, followed by a presentation to the CIWW Board on November 20.

Item 10: Saylorville 10MGD Expansion Update – Information: Lindsey Wanderscheid gave an update on the SWTP 10MGD expansion project focusing on progress at multiple well sites. Site 4 has been developed and testing is expected to begin this week. Site 7 is scheduled to be drilled this week, followed by the installation of monitoring wells, with testing planned for the week of

September 23. Sites 5 and 6 remain on hold until access is granted by the US Army Corps of Engineers (USACE), anticipated for the week of October 7.

Item 11: Urbandale Water Utility ASR - Information: Neil Weiss shared with the Technical Committee that the UWU ASR Well project is expected to have a 3 MGD capacity and will be located at the 170th Street water tower. The project has an estimated cost of approximately \$13.95 million. The Preliminary Engineering Report (PER) was submitted to the Iowa Department of Natural Resources (IDNR) for State Revolving Fund (SRF) funding during the week of August 26, 2024. The design contract is scheduled for October.

Item 12: Grimes Projects Discussion: There was no representation from Grimes, and no discussion took place.

Item 13: Polk City Projects Discussion: There was no representation from Polk City, and no discussion took place.

Item 14: West Des Moines Water Works Projects Discussion: Lyle Hammes provided an update on their ongoing well project. There are ongoing discussions regarding the potential development of 2-3 additional wells in the near future. Additionally, the large MCC relocation and generator project is progressing and expected to be completed by the end of this year.

Item 15: Des Moines Water Works Projects Discussion: Lindsey Wanderscheid provided an update on the awarding of DMWW's 2024 Multiple Facilities Roof Repairs project. The repairs are planned for four locations, with an estimated cost of \$225,000. Two bids were received from Academy Roofing and ForSure Roofing, both of which came in under the estimate. The board approved awarding the contract to Academy Roofing for \$136,985.

The SWTP West Feeder Main Phase 3 project requires Change Order #2, totaling \$226,210.66, due to various unforeseen issues. These include a foundation obstruction at the Merle Hay Bridge (\$75,621.93), a utility conflict at the Merle Hay casing (\$46,302.94), storm sewer coordination at 62nd Street (\$71,959.32), and site alignment changes at the MEC substation (\$32,326.47). The previous Change Order #1 resulted in a deduction of \$143,368.17. The total change orders to date amount to \$82,842.49.

A roll call vote was conducted to approve Change Order #2 for the SWTP Feeder Main Phase 3 project. All attendees unanimously voted in favor of the decision to approve the change order.

The Maffitt East Feeder Valve Vault project, completed by WRH, is now finished, and the valve is in service. The final contract amount totaled \$1,308,550. The project will be formally accepted at the DMWW board meeting later this month.

Item 16: Other Business: No other business was discussed.

Item 17: The meeting was adjourned by mutual agreement at 1:47 p.m.

