

NOTICE OF MEETING

CENTRAL IOWA WATER WORKS TECHNICAL COMMITTEE

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

July 10, 2024
1:00 pm

MINUTES

Present: Caitlin Caldwell (DMWW), Kyle Danley (DMWW), Andy Fish (Warren Water), Matt Greiner (Johnston), Lyle Hammes (WDMWW), Matthew Jacob (UWU), Amy Kahler (DMWW), Rudy Koester (Waukee), Royce Hammitt (Xenia), Kevin Hensley (Grimes), Jeff May (Clive), Christina Murphy (WDMWW), Mitch Pinkerton (WDMWW), Wayne Schwartz (Norwalk), Lindsey Wanderscheid (DMWW), and Neil Weiss (UWU).

Item 1: The meeting was called to order at 1:01 p.m. by Kyle Danley.

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

Item 3: Minutes Approved for June 19, 2024 – minutes approved with no objection.

Item 4: Executive Director Recruiting - Information: Mark Peterson was hired to recruit and select the CIWW Executive Director Position. He attended Wednesday's technical committee meeting via Zoom to gather feedback from the group. He presented three questions for discussion.

Item 5: Source Water Nitrates - Information: During the meeting, it was noted that recent rains and flooding have significantly reduced nitrate levels in the Des Moines River, with optimism that nitrate levels in the Gallery will also decrease soon. Current treatment capacity is not limited by nitrates. The nitrate removal facility is currently operating 3-4 vessels, with water being sourced from the Des Moines River and the Gallery, and nothing from the Raccoon River at this time. Nitrate concentrations as of July 9, 2024, are as follows: Raccoon River at Fleur: 11.36 mg/L, Des Moines River: 6.52 mg/L, Gallery: 10.90 mg/L, Maffitt Reservoir: 0.01 mg/L, Crystal Lake: 5.89 mg/L, and Saylorville Wells: 4.62 mg/L.

Item 6: West Des Moines Board of Adjustment (Spraytec) – Information: During the meeting, it was discussed that there are no new updates to share with the Technical Committee at this time, as DMWW is still awaiting the complete submittal of Safety Data Sheets (SDSs) from Spraytec. The initial submittal from Spraytec was incomplete, missing critical information regarding the volumes of products stored at any one time and detailed material descriptions.

Item 7: PFAS Settlement Claim – Information: In February 2018, the Aqueous Film-Forming Foams (AFFF) Products Liability Litigation, MDL No. 2873, began in the United States District Court for South Carolina, consolidating all pending PFAS cases. In July 2022, the DMWW board voted to retain national plaintiffs’ counsel to file suit in MDL No. 2873, and by November 2022, DMWW filed a complaint in the MDL for product liability claims. By June 2023, a preliminary settlement was reached with 3M and DuPont. Settlement funds so far are \$10.3 billion from 3M, \$1.185 billion from DuPont, and a proposed \$750 million from Tyco/Chemguard.

The settlement involves two phases: Phase 1 for entities that detected PFAS in source waters and Phase 2 for those that have not. Funds will be allocated based on PFAS levels, flow rate in source water intakes, and costs determined by the EPA for PFAS treatment, compared to state/federal MCLs. The good faith estimate for DMWW is \$17,556,794 from 3M and \$1,686,297 from DuPont, totaling \$19,243,091 so far. The good faith estimate for WDMWW is \$2,764,034 from 3M and \$265,473 from DuPont, totaling \$3,029,507. These amounts are both before legal fees. Payment terms stipulate nine annual payments starting on April 15 of each year.

Item 8: HDR Future Treatment Plant Study – Information: A OneDrive link containing all TMs to date was sent but work on Technical Committee Dropbox is still needed. The discussion focused on two alternatives for water treatment plant expansions:

Alternative 1:

- Expands McMullen WTP to 37.5 MGD by 2030
- Expands Grimes WTP to 7 MGD by 2030 and 8.5 MGD by 2050
- Expands Saylorville WTP to 70 MGD by 2050

Alternative 2:

- Adds a West WTP with a proposed capacity of 12 MGD by 2030
- Expands Grimes WTP to 7 MGD by 2030 and 8.5 MGD by 2050
- Expands Saylorville WTP to 70 MGD by 2050

The committee needs to evaluate both alternatives. Questions were raised about the necessary information for this evaluation and whether to use the monthly Teams call on July 31st to present the differences between the two options.

Additional updates include the McMullen Treatment Plant Expansion Alternative Selection Workshop held on 7/10, with TM-6, TM-7, and the evaluation spreadsheet expected by July 31st, and the Non-Monetary Criterion Alternative Workshop scheduled for 8/14.

Item 9: Schedule XV-2 Budget – Information: In the meeting discussion covered the budget, timeline, and process updates. DMWW has begun preparing the operating and capital budget, which is due by July 19th. Significant effort is being made to complete this by mid-August, though this does not align with the timeline. Draft budgets will be provided to necessary committees with rough figures, aiming for quick completion. Grimes and Polk City have six months of their budgets completed. WDMWW is also working towards an August deadline, with their budget in draft form.

Item 10: Five-Year Capital Improvement Plan: Discussion at the TC meeting covered the timeline for decisions regarding Grimes or Saylorville, emphasizing the need for annual reviews. It was noted that exact figures and placeholders are yet to be determined, and that interest costs won't impact rates immediately. A motion was made by Kevin Hensley to recommend the 5-Year CIP as it was presented to the CIWW Finance & Audit committee as well as the Technical Committee today. Motion was seconded by Matt Greiner. The motion passed unanimously with no opposition.

Item 11: Grimes Projects Discussion: Kevin Hensley shared that the ground storage tank dirt work and piping are complete, with tank installers awaited. The City of Grimes purchased a portion of a water utility, Gould Heights from Thorpe.

Item 12: Polk City Projects Discussion: Due to a scheduling conflict, no representatives from Polk City were available to provide an update.

Item 13: West Des Moines Water Works Projects Discussion: Lyle Hammes reported no new projects. Contract documents for HSP 3 and VFD will be under contract soon. The MCC relocation and generator controls are awaiting lead times, and the well project is currently on hold.

Item 14: Des Moines Water Works Projects Discussion: Lindsey Wanderscheid discussed the MWTP truck scale replacement project, which involved replacing the scale used to weigh lime residuals, has been completed. The bid from Edge was \$823,000, with change orders totaling \$4,059.87, bringing the total cost to \$827,059.87. This will be taken to the July 2024 DMWW Board meeting for acceptance.

Kyle Danley and Jonathan Mouw discussed Amendment No. 1 to the Saylorville Water Treatment Plant Transmission Improvements project includes additional design services for items identified through design development, which were not in the original PSA. The total cost is \$173,723.

Additional Design Phase Services:

1. Preliminary Survey & Base Mapping: \$7,500.00
2. Future Parallel Main Planning & Design: \$13,800.00
3. Urbandale Water Property Grading Design: \$11,200.00
4. Bombers Development Coordination: \$19,900.00
5. Streambank Armoring Design: \$11,500.00

6. Recreation Trail Reconstruction Design: \$24,500.00
 7. Johnston Dog Park Alternatives Analysis: \$8,200.00
 8. Additional Permitting Assistance: \$13,300.00
 9. Additional SRF Compliance Support: \$9,800.00
 10. IDOT Route Alternatives Evaluation: \$24,600.00
- Subtotal: \$144,300.00**

Additional Bidding Phase Services:

1. Additional Bidding Support: \$3,400.00
- Subtotal: \$3,400.00**

Additional Services:

1. Geotechnical: \$26,023.00
- Subtotal: \$26,023.00**

A roll call vote was conducted to amend the Professional Services Agreement with Snyder & Associates Inc., for the Saylorville Water Treatment Plant Transmission Improvements project. All attendees unanimously voted in favor of the decision to amend the agreement for the additional services that totaled \$173,723.

The Hickman Road Transmission Main Alignment the project is evaluating two alternative general alignments. Alternative 1 involves installing 2,600 LF of the proposed water main under Hickman Rd. pavement, within a total project length of 4,600 LF. The estimated cost for this alternative is \$6,080,000, not including engineering, administration, or legal fees. Additional pavement replacement required by IDOT but not required for water main installation is estimated at \$550,000, which is 9% of the total cost. Alternative 2 proposes installing 1,100 LF of the water main under Hickman Rd. pavement, also within a total project length of 4,600 LF, utilizing easements where available. The estimated cost for this alternative is \$6,840,000, excluding engineering, administration, or legal fees. Additional -pavement replacement required by IDOT but not required for water main installation for this option is estimated at \$610,000, also 9% of the total cost. Both alternatives were developed in accordance with IDOT's pavement replacement requirements for Hickman Rd. If these requirements were eased, additional savings could be realized by optimizing the alignments to balance pavement replacement with utility relocation costs. There was support from the TC for DMWW to reach out to the IDOT to understand the pavement replacement requirements.

Jonathan Mouw provided a brief update on easements for SWTP West Feeder Main - Phase 3: We are currently awaiting the return of one easement that has been mailed out. After that, the only remaining easements to finalize are those from the City of Johnston and MidAmerican.

Committee Superior Energy Performance Case Study: Kyle shared with the TC that the U.S. Department of Energy (DOE) recognized Des Moines Water Works (DMWW) for achieving its third certification to the SEP 50001 program, and for receiving elevated recognition at the Platinum level. Independent third-party audits confirmed an 8.9% energy performance

improvement over three years in the most recent certification. Throughout the SEP 50001 journey, DMWW has reduced CO2 emissions by 39,000 metric tons and saved over \$2 million.

Item 14: Other Business: No other business was discussed.

Item 15: The meeting was adjourned by mutual agreement at 3:12 p.m.