

NOTICE OF MEETING

CENTRAL IOWA WATER WORKS TECHNICAL COMMITTEE

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

April 10, 2024
1:00 pm

MINUTES

Present: Dale Acheson (UWU), Shawn Buckner (Ankeny), Caitlin Caldwell (DMWW), Don Clark (Ankeny), Kyle Danley (DMWW), Andy Fish (Warren Water), Randy Franzen (Polk City), Jerry Freestone (Clive), Matt Greiner (Johnston), Lyle Hammes (WDMWW), Royce Hammitt (Xenia), Matthew Jacob (UWU), Amy Kahler (DMWW), Rudy Koester (Waukee), Jeff May (Clive), Mike McCurnin (DMWW), 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 March 13, 2024 – minutes approved with no objection.

Item 4: Committee Seats: The committee deliberated on seat assignments for the Technical Committee, ensuring each member had a designated representative and the option for an alternate if desired. Discussion also revolved around the 28E/28F and Long Range Planning and Capital Improvements Committee, prompting a call to appoint members and allocate more time for organization. Amy and Christina were designated as the points of contact for updates on committee appointments. Further discussion was postponed to allow sufficient time for the establishment of the Long Range Planning and Capital Improvement Committee.

Item 5: HDR Future Treatment Plant Study: The discussion involved reviewing a table from TM1, ensuring its accuracy, and addressing any errors. Graphical representation was used to illustrate nameplate capacity and future projections. The group also discussed treatment plant expansions, aiming for cost comparisons and prioritization. Plans for sharing drafts of TM4 and TM5. Water Quality goals were mentioned, with a focus on updating costs and vendor quotes. The depth of TM5 was highlighted, emphasizing its importance in understanding source treatment and distribution quality. The complexity of the study was acknowledged, with plans to delve deeper into its various components.

Item 6: Technical Committee Chairperson: The discussion revolved around appointing a Technical Committee Chairperson, focusing on the timing and duties of the role. They considered the process of selection and the lack of dedicated staff for these tasks, comparing it to the procedures of the WRA. It was decided to gather nominations for the Technical Committee Chairperson next month. Then, they resolved to either hold a vote in May or postpone it until June, depending on readiness. Similar procedures will be followed for the Long Range Planning and Capital Improvements Committee once formed.

Item 7: Schedule XV-2 Timeline for Capital Plans and Budget: The discussion centered on Schedule XV-2 Timeline for Capital Plans & Budget, addressing both the timeline and objectives for submission. There were concerns raised about the preparedness from some producers to meet the deadline, prompting plans to initiate work on it soon. Emphasis was placed on adhering to the operational commencement date due to its implications for audits and asset development. Plans were detailed to finalize the schedule and present it to the board, with the goal of meeting the timeline next year. June was suggested as the target month for the meeting, coinciding with the expected start of operational activities. Additionally, discussions covered the delineation and allocation of costs among producers, focusing on accurate tracking and estimation. Operational budget discussions indicated a plan to postpone draft submissions until July. The proposed timeline for CIP was set for June, aligning with the schedules of water producers.

Item 8: CIWW Projects Social Media Collaboration: Collaborative efforts are being discussed for joint projects, aiming for cohesive messaging, and addressing regional concerns. Coordination in communication strategies within CIWW is being emphasized, with an interim plan in place. Plans include a press conference and a CIWW website to enhance outreach. There's a focus on clarifying messaging regarding operational commencement and distinguishing between assets and projects. Once finalized, the communication plan will be disseminated. Collaboration between communication managers and addressing PR concerns are also being considered.

Item 9: Grimes Project Discussion: Kevin Hensley provided an update on distribution mains in Grimes, highlighting challenges with right-of-way acquisition. This led to a discussion on the treatment plant expansion in Grimes, segueing into McClure's study on Jordan Aquifer locations. The City of Grimes sought approval for a study to locate a potential site for the Jordan well, with Mike Gannon providing a quote from the Iowa Geological Survey. The City of Grimes aims for reimbursement for this operational study. Grimes requested reimbursement of up to \$25,000.00 under their Reverse Osmosis Expansion Project.

A roll call vote was conducted, with all present members voting in favor of reimbursing the City of Grimes up to \$25,000.00 for the study on Jordan Aquifer locations.

Item 10: Polk City Projects Discussion: Randy Franzen informed the group that bids for the construction of the water tower in the City of Polk City are expected to return soon. The anticipated completion date for the project is October 2025. The water tower will have a capacity of 1.5 million gallons, with McClure serving as the engineering firm. The estimated cost for the project is \$8.5 million dollars.

Item 11: West Des Moines Water Works Projects Discussion: Lyle Hammes updated the group, stating that the bidding process for Variable Frequency Drive (VFD) and High Service Pump (HSP) projects will commence soon. Additionally, they are currently finalizing the filter media addition project. However, the Motor Control Center (MCC) project is currently on hold due to significant delays in the electrical aspect.

Item 12: Des Moines Water Works Projects Discussion: Kyle Danley updated on the SWTP West Feeder Main Phase 3 project, reporting that out of 16 easements, only 4 remain unsigned. Two easements are expected to be finalized soon. Despite some reservations from property owners on NW Beaver Drive, efforts are underway to address their concerns. Tree clearing was successfully completed before April 1st. Construction is anticipated to commence soon, aiming to complete tie-ins before high-demand periods in the fall.

Mike McCurnin provided an update on DMWW's 2025-2029 Capital Improvement Plan (CIP), highlighting changes since the previous month's presentation. A revised draft of the CIP was presented, emphasizing three main points: finalizing the 28E/28F agreements for better cost-sharing understanding, curbing overplanning and overbudgeting to ensure project completion capacity, and avoiding excessive debt burden on CIWW. Significant adjustments were made to the CIP, including reducing funding for various projects, such as capacity expansion, based on staffing limitations and project necessity. The goal is to avoid duplication of efforts among producers and ensure a cohesive approach to the CIP. Concerns were raised about potential rate increases, with a focus on balancing project funding to avoid excessive financial strain. Additionally, discussions centered on the need for flexibility in the CIP to accommodate delays and improvements, highlighting the importance of joint capital improvement listings in the 28E agreements.

Lindsey Wanderscheid updated the committee on the progress of the 10MGD expansion project. The Reverse Osmosis (RO) Pilot Testing has been completed, and reports have been submitted to the Iowa Department of Natural Resources (IDNR) for review and approval. Efforts are underway to finalize RO procurement documents and send them out for proposals after obtaining IDNR approval. NPDES sampling, with two months remaining, is revealing all particulate iron in the discharge, which may assist in raising the permit limit for iron. UF Pilot Skid Testing is currently in progress, with approval received from the Technical Committee (TC) to award up to three pilots with a maximum amount of \$260,800. Testing is being conducted on units from Harn, Aqua Aerobic Systems, and Wigen, with costs totaling \$242,700. This testing is expected to be completed in July. Additionally, a temporary license from ACE has been received, pending signature and execution. Pump testing is scheduled to commence in April, involving three sites and seven boring locations. Phase 2 will include up to three pump tests, each lasting 72 hours at a constant rate. An updated schedule will be provided once pump testing commences.

Item 13: Other Business: Kyle Danley provided an update on potential land acquisitions for the Saylorville project. A landowner has expressed willingness to sell part of or the entire lot, but discussions are still in the early stages. Another property owner is also considering selling, but their land is in the floodway. The availability of suitable land is limited, with two lots potentially offering storage capacity not exceeding 25 MGD. Kyle emphasized the need to establish connections with landowners and explore options without rushing decisions.

Kyle Danley also discussed with the committee Saylorville Lake Storage Rights, indicating that new results from recent reports will be available in about a year. He highlighted the possibility of requesting a study to raise the lake level in response to sedimentation, aiming to regain the original capacity in Saylorville. However, the cost of such a study is currently uncertain and will need to be assessed before proceeding with a decision. Regarding the sediment pool, DMWW's allocation is based on a percentage of the pool above 836 ft. The lake levels can be adjusted by raising it up to 1 ft above normal pool levels in spring, and potentially another foot to 838 ft when flood risks decrease. Additional adjustments can be made throughout the year, with a maximum increase of 2 ft above normal pool levels. DMWW has the authority to request releases from the lake.

Item 14: The meeting was adjourned by mutual agreement at 2:42 pm.