

## **Minutes**

Long Range Planning Committee  
Central Iowa Water Works  
April 9<sup>th</sup>, 2025  
Des Moines Water Works Board Room  
2201 George Flagg Parkway  
Des Moines, Iowa  
Immediately Following the Technical Committee Meeting

Present: Don Clark (Ankeny), Jeff May (Clive), Lindsey Wanderscheid (DMWW), Matt Greiner (Johnston), Matt Ahrens (Grimes), Neil Weiss (Urbandale Water Utility), Andy Fish (Warren Water District), Rudy Koester (Waukee), Christina Murphy (WDMWW), Royce Hammitt (Xenia), Lyle Hammes (WDMWW), Kyle Danley (DMWW), Matt Jacobs (Urbandale Water Utility), Shawn Buckner (Ankeny), Matt Van Wyk (Warren Water District), Tami Madsen (CIWW), Dustin Delvaux (CIWW), Derick Anderson (McClure), CJ Gross (McClure), Dustin Shultz (AE2S)

Item 1: Call to Order

The meeting was called to order at 2:15 p.m.

Item 2: Introductions

Item 3: Approve Minutes for November 13, 2024 - Approval

Don Clark moved to approve the minutes from November 13<sup>th</sup>, 2024, Long Range Planning Committee meeting; Rudy Koester seconded. The motion passed by unanimous vote.

Item 4: CIP Presentations

Lyle Hammes provided that the 28E agreement identifies that the 5-year CIPs of the water producers must be presented to the Long-Range Planning Committee in April.

Polk City was not present at the meeting.

Grimes Presentation

Derick Anderson with McClure Engineering presented information on the Grimes Expansion projects and the Joint Capital projects on behalf of Grimes.

Tami clarified that Grimes submitted all projects as “new,” but many were included in the 2025 CIP with lower costs. Derick stated that in 2023, McClure assessed the lime plant and provided a memo to Grimes outlining the findings. The CIP includes items that were identified in the 2023 technical memo but were not repaired. The cost difference arises from new engineering estimates. New items were added after discussions with US Water. Committee members

questioned the need to replace the CO<sub>2</sub> tank and the classification of lime removal as part of the roof replacement. Derick will investigate the CO<sub>2</sub> tank and clarified that past issues with lime feed caused lime accumulation on the roof of the plant. The roof replacement is necessary but the lime must be removed first.

## WDMWW CIP

Lyle Hammes presented information on the WDMWW Joint Capital projects.

The new projects include:

98<sup>th</sup> Street Water Tower Mixing: The 98<sup>th</sup> street water tower is a shared asset between Clive, Waukee, and West Des Moines. This was a new project. The project addresses water quality issues related to low chlorine residuals.

SCU1 Drive Repairs & VFD Addition: This is the only SCU at the AC Ward Plant without a VFD. There is an issue with a drive, and this has been out of service for more than a year. The project is being evaluated to understand the scope.

Christina exited at 2:44pm

SCU Painting: This is a new project. A condition assessment of the metal could change the scope of this project but at this time it is a painting project.

Lime/Soda Ash Bin Improvements: This is a new project. It's replacing pneumatic piping leading into the lime/soda ash bins. This will include the addition of level sensors.

## DMWW CIP

Lindsey Wanderscheid presented information on the DMWW Joint Capital projects.

The new projects include:

### Fleur Drive Treatment Plant

Fiber Optics Cable: A portion of DMWW's network is connected to the city's backbone, which must disconnect from the City's system by July 2026. They are exploring various options and may need to undertake construction this year, which could delay other projects in the capital plan.

FDWTP NO<sub>3</sub> Removal Facility Expansion: This is a new project to replace the Des Moines River Well Fields. However, due to challenges in finding a reliable source water, an expansion of the nitrate removal facility has been identified. This expansion is more expensive than the original Well Field project.

### McMullen Water Treatment Plant

CO<sub>2</sub> piping: This is a new project. The underground piping froze during the past winter and needs to be evaluated.

#### Saylorville Water Treatment Plant

Rehab Collector Wells: This is performed every 4 years. One is scheduled for 2026 and the other in 2027.

RO and UF Membrane Replacements: This is not a new project, but the last quote was significantly higher than the previous one, so she increased the cost to anticipate potential further price hikes. One needs replaced every four years and each has four membranes. One is scheduled to be replaced each year. The UF membrane is more expensive because it's proprietary technology.

#### Core Network

#### Facility Management

Aging roofs and HVAC units will be systematically replaced.

HSP Production Meter: These meters need to be replaced with more reliable meters.

#### Remote Facilities

PCPS Generator Fuel Tank: Due to its current condition, it may not pass inspection during the next cycle, necessitating its replacement.

There are emergency power upgrades and radios at various facilities that need to be completed.

Tenny Driveway: This driveway is a safety concern due to how it intersects with Merle Hay and the mall entrance. It requires reconfiguration to include a west entrance.

Matt Van Wyk left 3:14 p.m.

#### CIWW

Tami Madsen presented information on the 10-year engineering CIP sheet, which is a compilation of projects recommended by HDR and for expanding CIWW's system.

Lindsey discussed the 10 MGD Saylorville expansion which involves raw collector wells, a raw water main, and vertical wells. The feeder main phase 3 is currently underway in Johnston, which will bring water to Merle Hay and then to Tenny to transport more water to the western region. The Hickman section will redirect water to the western side of the system. The project is expected to be bid late summer, with construction commencing in summer 2026.

Tami discussed the Grimes expansion and the need to reconcile against what McClure Engineering has presented.

The West Plant RFQ is now available. Preliminary engineering and design work is expected to begin this year. Tami and Matt are currently engaged in meetings with member agencies to discuss their demand requirements. Once these meetings are concluded, Tami will send out a request to member agencies for estimated capacity requirements for the Grimes Expansion and West Plant.

West Water Treatment Plant: RFQ will be advertised in April. Funding for the preliminary engineering and design phase is allocated for 2026.

Sugar Creek to West: This transmission infrastructure is designed to connect the West Plant to the Core Network. However, it will require refinement as the plant's location is determined.

CIWW Core Connection: Lindsey stated this is related to the HDR study. It encompasses items that need to be done by 2030 and 2035.

Grimes-Urbandale Booster Station: This item could be accounted for more than once due to the CIP items Grimes turned in. This will be resolved by the final draft.

Saylorville II relates to the land purchase.

The West Elevated Storage project can be delayed.

The meeting was adjourned at 3:24 p.m.