

PROCEEDINGS OF THE CENTRAL BROWN COUNTY WATER AUTHORITY
TECHNICAL COMMITTEE

Pursuant to §19.84 Wis. Stats, a regular meeting of the Central Brown County Water Authority **Technical Committee** was held on Tuesday, February 8, 2022 at the Village of Allouez Village Hall, 1900 Libal Street, Allouez WI, and via video conference.

Members Present: Allouez – Sean Gehin, Mike Mahloch
Bellevue – Eric Woodke, Cole Erickson
De Pere – Scott Thoresen, Eric Zygarlicke
Howard – Geoff Farr
Lawrence – Kurt Minten
Ledgeview – Andy Tenor

Also Present: Gary Rosenbeck, McMahon (video)
Nic Sparacio, CBCWA General Manager

The Central Brown County Water Authority – Technical Committee Meeting was called to order at 1:30 p.m. by Chair Sean Gehin of Allouez.

Roll Call:

Attendance was recorded as shown above. (Attendees present via video conference are noted with “video.”)

Approval of Agenda:

1. Approve Agenda
Motion made by De Pere, seconded by Howard to approve the agenda.
MOTION UNANIMOUSLY APPROVED

Approval of Minutes:

2. January 11, 2022
There were no revisions to the draft minutes.
Motion made by Howard, seconded by Lawrence to approve the January 11, 2022 minutes as presented.
MOTION APPROVED UNANIMOUSLY

Appearances or Communications:

3. None.

Agenda Items:

4. **Quote for valve repairs at Central Storage**
Nic Sparacio stated that this is not an emergency situation, but is time sensitive, and thus the quote has already been approved by the Board. He then explained the reasons for the valve repairs and modifications as related to a power outage incident that occurred last

summer at the treatment plant in Manitowoc. The malfunctioning brass solenoids will be replaced with upgraded stainless solenoids, and the controls will be modified on the altitude valve. McMahon has reviewed the quote from Dorner as well as the operational adjustments to Central Storage and has approved of the proposed repairs and modifications. Eric Zygarlicke asked whether there would be impacts downstream. Sparacio responded that the modifications are intended to keep downstream pressures stable and predictable, even in the event of a power outage at the treatment plant.

Motion made by Howard, seconded by Ledgerview to support the approval of the quote from Dorner for valve repairs at Central Storage.

MOTION APPROVED UNANIMOUSLY

5. Joint training opportunity with Fehr Graham

The Committee discussed the scope of safety training offerings and related fees as outlined in the draft proposal from Fehr Graham. Scott Thoresen raised a concern as to whether the size and number of classes are adequate to cover all the staff that need training. Discussion continued on the cost of the services and how those could potentially be divided between the members. Differences in training needs between the municipalities were identified. Kurt Minten noted that additional training sessions can be added where needed at additional cost. There was a consensus that the proposal results in a loss of customization around local training needs and no apparent cost savings. Each interested community should work with Fehr Graham individually. Geoff Farr added that the flexibility of sending limited staff to another Member's training event could still be realized with individual service agreements.

The Committee then discussed potential Water Authority involvement. Thoresen asked whether the Water Authority would pay for these services, whether it then bills the Members or covers the cost as part of water system maintenance. Sparacio responded that MPU provides the operation and maintenance of the water system, and he understands from MPU that their safety training needs are covered with their insurance provider and internal staff. He continued that if there is a demonstrated cost savings that can be experienced by purchasing these services together, then we should talk further about how the Water Authority could help.

Sparacio asked for clarification on the scope of work outlined in the proposal and whether it reflects a greater on-site presence or other benefits beyond what was provided by Fehr Graham in the past. There was a consensus that there does not appear to be additional value in the proposal beyond what was provided in the past. Sparacio will forward the group's feedback to Fehr Graham. Discussion continued on potential training program needs and alternatives for dividing up the costs of a lump sum agreement.

6. Project status updates

a. Emergency back-up supply study

Gary Rosenbeck reported on progress with evaluating emergency back-up water supply alternatives. He reviewed the future flow demands provided by the Member utilities and asked that any updates be provided as soon as possible. Reasonably accurate

future flows are necessary as we prepare to continue discussions with Green Bay on any potential future interconnections. The Committee discussed the timeframe for these flow numbers. Rosenbeck explained that the primary goal is for the Members to be comfortable with the flow demands we are presenting in total and individually for emergency supply planning purposes.

Rosenbeck then reviewed the list of potential water main emergency scenarios and presented preliminary alternative responses to each emergency scenario. The preliminary alternatives include the use of existing and potential future water system interconnections, the use of existing groundwater wells, and several variations and combinations of each. He further noted that the alternative of a single, large interconnection on the far east end of the system would likely require the addition of a booster station.

Rosenbeck continued explaining that there could be additional alternatives to consider once we have reached agreement with Green Bay on the study parameters. Involving Green Bay is also necessary to help us understand the economics of some of these alternatives. Sparacio added that we are making good progress on the memorandum of understanding with Green Bay for further cooperation on this study. The Committee continued discussion on the potential use of groundwater wells, their ongoing maintenance costs, and the availability of back-up power generation. Kurt Minten left the meeting at this time.

b. Chlorine analyzer maintenance

Sparacio reported that he has ordered the next set of preventive maintenance kits for both the membrane and bare electrode analyzers. We will schedule with MPU staff another maintenance demonstration once he knows the delivery date.

c. Meter accuracy and process for calibration

Sparacio noted that this will remain as a placeholder on the agenda until the next round of meter tests is scheduled.

d. Manitowoc pump station optimization

Sparacio reported that MPU is making progress on the installation specifications. They expect to have the draft from their consultant soon, and they will share that draft with the Water Authority for review.

e. Door replacements

Sparacio stated there is no update at this time. We have not yet heard when to expect the materials to come in.

f. SPLASH Study implementation

Sparacio stated that two proposals were received for the joint RFP for tank inspections. He will talk with Green Bay and Ledgeview to ask for feedback on the process and results.

g. Asset management planning

Sparacio stated there is no report at this time. He plans to continue these efforts in February and March.

h. Village of Denmark water supply connection

Sparacio reported that he continues to make good progress on the contract review and approval in Denmark. Rosenbeck stated that he will provide an engineering proposal for the design of the metering and flow control items that will be owned by the Water Authority. Thoresen asked if progress was made on the contract provisions related to electrical costs at the new connection station. Sparacio responded that the contract presented to Denmark included the provisions as discussed by the Technical Committee, and work continues on efficiency improvements at the Allouez and Bellevue stations. Sparacio then noted some future discussion items for the Members to start thinking about including:

- Incoming chlorine residuals for Denmark, and
- Further support on Member experiences switching from groundwater to lake water. The DNR will likely have additional questions on this topic.

7. Water sales report through January 31, 2022

Sparacio reported that 2022 water consumption is off to a good start with January up 8% over the same period last year. He also noted that the Ledgeview check meter was used for the reading at LW-1 once again as we await the installation of the replacement meter head. Gehin stated that the invoices look different this year with the volume-based charges for a portion of the bill. Sparacio added that this comes from the approval of the 9th Amendment to the Member Water Purchase Contract and helps prepare us for the future when all charges will eventually be volume based.

Old Business:

8. Updated 2021 true-up adjustments and member allocation

Sparacio reported that he has now completed a review of actual versus budgeted 2021 operational expenses, and there is a rebate to distribute to the Members as part of the annual true-up. The invoice amounts for Howard and Bellevue have been reduced, the rebate amounts for Allouez and De Pere have increased, and Lawrence and Ledgeview flipped from invoices to rebates.

Next Meeting:

Agenda Items for the Tuesday, March 8, 2022 Meeting

Potential items for the March meeting include:

- Review the conclusions of the 2019 interconnections study
- Update on the memorandum of understanding with Green Bay Water
- Updated back-up well maintenance costs
- Operations open discussion

- Need for video recordings of MPU chlorine analyzer maintenance trainings
- Plans for MPU operator meeting
- Lead service inventory requirements updates

Adjourn:

Motion made by Ledgeview, seconded by Bellevue to adjourn at 3:20 p.m.

MOTION UNANIMOUSLY APPROVED

Respectfully submitted,
Nicolas Sparacio