

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, March 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 – Greg Potts, Andy Tenor

Also Present: Gary Rosenbeck, McMahon (video)
Rob Michaelson, Manitowoc Public Utilities
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 Ledgeview, seconded by Howard to approve the agenda.
MOTION UNANIMOUSLY APPROVED

Approval of Minutes:

2. February 8, 2022
There were no revisions to the draft minutes.
Motion made by Lawrence, seconded by Bellevue to approve the February 8, 2022 minutes as presented.
MOTION APPROVED UNANIMOUSLY

Appearances or Communications:

3. None.

Agenda Items:

4. **Member and Water Authority operations – open discussion**
Nic Sparacio stated that there was a request at the last meeting to discuss the status of the lead service line inventory requirements. The Committee discussed questions about when

the requirements for internal plumbing inventory will apply and when the inventory data will need to become publicly accessible. WDNR answers to these questions are pending. Eric Zygarlicke explained how De Pere is using its GIS database to assist with the inventory.

Gehin asked whether there would be a joint effort to request leak detection services this year. Bellevue, MPU, and Allouez indicated interest in a joint solicitation, and Gehin will start to develop the request for proposals. Greg Potts asked whether there is interest in a joint effort to procure hydrant painting services for this year. Allouez, Bellevue, Ledgeview, and MPU may collaborate depending on the number of hydrants involved. Mike Mahloch will contact one or more potential vendors to explore availability and pricing.

The Committee then discussed the need for a Manitowoc Public Utilities (MPU) operator meeting onsite at the treatment plant in Manitowoc. This will be helpful for the many new staff at the Member utilities. The meeting will include a plant tour and a question-and-answer session. The anticipated timeframe will be late morning to early afternoon. Topics to cover include the operational basics of the water system and central storage. Michaelson will work on scheduling with a target of mid-April.

5. WDNR's voluntary PFAS sampling program

Sparacio provided an overview of the increased media attention on this topic and the Water Authority's response to a related open records request. Gehin asked what the Members' intentions are regarding testing of their emergency back-up wells. The Committee discussed the potential role of the upcoming Unregulated Contaminant Monitoring Rule (UCMR) process which may require testing for the back-up wells. Geoff Farr added that the WDNR initial response regarding back-up wells is that the recently announced funding assistance does not apply. Discussion continued on the status of PFAS legislation. It appears that the WDNR has been directed to proceed with a drinking water standard for PFOA and PFOS in line with the EPA health advisory level of 70 parts per trillion. Some more restrictive standards are anticipated for discharges to surface water for the purpose of addressing sources of PFAS pollution.

Michaelson stated that MPU is currently considering whether it would be beneficial to conduct additional testing even prior to the upcoming UCMR process. While it is not expected that significant levels of PFAS would be found in the water supply, it is still important to be prepared to effectively communicate any findings. Sparacio added that this continues to be complicated by the lack of consistent state and federal policy and the unknowns around mitigating the potential health impacts. EPA research is needed to inform the cost-benefit analysis.

Discussion continued, and Gehin summarized the consensus that testing of the Member back-up wells is not advisable at this time since they are not a primary source of drinking water and the regulatory standards for PFAS are still being developed. The Committee also discussed whether the back-up wells should be tested under the upcoming UCMR process, but this is unknown at this time and will require future clarification.

6. Section 14 Feasibility Study Letter of Intent

Sparacio presented the draft letter of intent provided by the US Army Corps of Engineers regarding the Section 14 feasibility study. The grant is expected to cover the cost of the feasibility study entirely, but implementation is then a 65/35% cost share with the grant covering 65% of costs. The local match cannot include past costs, but it can include in-kind. He noted that the City of Manitowoc has already provided its letter of intent and is indicating that they expect to contribute to the implementation costs. Sparacio then reviewed the draft Federal Interest Determination noting the preliminary construction cost estimates and the design differences between the existing and planned revetment sections.

Gary Rosenbeck affirmed the design differences and added that there is a significant cost difference as well. The revetment installed by the Water Authority in 2020 cost \$470 per lineal foot, and this Federal Interest Determination estimates the cost at over \$1,300 per lineal foot. It is unknown whether this is a result of design differences alone or if there are other factors involved. Scott Thoresen asked if Rosenbeck would have an opportunity to raise these cost concerns with the Army Corps. Rosenbeck responded that he will plan to share his feedback with the Army Corps.

The Committee discussed the potential value of the project for protecting the Water Authority's and the City's infrastructure, the level of commitment indicated by the letter of intent, and the scope of the proposed project along the shoreline. There was a consensus that this continued work seems to be necessary to protect the shoreline from high-water cycles that will inevitably return in the future.

Motion made by De Pere, seconded by Howard to recommend to the Board approval of the Section 14 Feasibility Study Letter of Intent.

MOTION UNANIMOUSLY APPROVED

7. McMahan Task Order #9 for General Engineering Services 2022-2023

Sparacio reported that the previous task order for general engineering services has expired, so an update is needed. He further reported that the Master Services Agreement (MSA) supporting our ongoing task orders is also due for update, so that needs to be addressed concurrently. He has reviewed the scope of work and costs for proposed Task Order 9 and is recommending approval contingent upon the acceptance of an updated MSA.

Rosenbeck asked if the new Task Order could begin on April 1st of this year. Sparacio responded that he has no problem with that. Budget for engineering services is in good shape.

Motion made by Lawrence, seconded by Ledgeview to recommend to the Board approval of McMahan Task Order #9 for General Engineering Services 2022-2023, contingent upon approval of the related Master Services Agreement.

MOTION UNANIMOUSLY APPROVED

8. McMahan Task Order #10 for Denmark Connection Station Design Services

Sparacio reported that this Task Order covers the design of the Water Authority's equipment within the Denmark connection station. Rosenbeck added that the scope also

includes bidding and construction phase services. Thoresen asked whether Denmark is planning to use an existing building or to construct a new one. Rosenbeck responded that it will be a new building and he further described the utility equipment to be housed. The building and pumps will be owned by Denmark, and the Water Authority will own a control valve, the meter, and fiber connections for communication.

Motion made by Howard, seconded by De Pere to recommend to the Board approval of McMahan Task Order #10 for Denmark Connection Station Metering and Controls, contingent upon approval of the related Master Services Agreement.

MOTION UNANIMOUSLY APPROVED

9. Project status updates

a. **Emergency back-up supply study**

Sparacio summarized the various requests made by the Committee to cover under this agenda item. He began with a summary of the results and conclusions of the 2019 interconnection study that was completed in cooperation with the Green Bay Water Utility (GBWU). That study found that average day demand of CBCWA can be supplied via interconnections through 2035 without significant improvements to Green Bay's transmission infrastructure. However, this changes quickly when maximum day demand comes into play for either CBCWA or GBWU. The scenarios in this study anticipated future costs to the Water Authority for upsizing GBWU infrastructure to increase hydraulic capacity and raw water pumping limitations.

The Committee discussed the nature of CBCWA's emergency supply needs on an as-available basis. Gehin clarified that we are not looking for a guaranteed capacity and can work with what GBWU has available. At the same time, the cost of the investment needs to make sense as related to the emergency supply that's available. Thoresen then asked whether the future water consumption projections need to be reevaluated. Rosenbeck pointed out that many of the projections seem high and are not playing out in reality. The Committee discussed possible methodologies for improving the projections and agreed to update their projected future water use based on realistic growth expectations.

Sparacio then updated the Committee on progress with the GBWU memorandum of understanding. There have been some delays with the process, but we are close to having an approvable draft. He gave an overview of the general provisions being considered in the draft MOU.

b. **Chlorine analyzer maintenance**

Sparacio reported that he received the next set of preventive maintenance kits for both the membrane and bare electrode analyzers, so we are able to schedule the maintenance demonstration. March 24th is the preferred date, so Sparacio will send out a calendar invitation.

c. **Meter accuracy and process for calibration**

There are no updates, so this item was not discussed.

d. Manitowoc pump station optimization

Michaelson reported that the VFD installation bid package is nearing completion. He has not heard of any delays on the manufacturing, so April delivery is still anticipated.

e. Door replacements

Sparacio reported that LaForce is estimating material completion by April 15th. This is still an estimate, but if all materials are indeed received, they would then begin scheduling the installations at that point.

f. SPLASH Study implementation

There are no updates, so this item was not discussed.

g. Asset management planning

There are no updates, so this item was not discussed.

h. Village of Denmark water supply connection

Sparacio reported that the Village of Denmark held its required public hearing on March 7th, and it went very well. He anticipates Denmark will take final action on the water service contract at its April Village Board meeting.

10. Water sales report through February 28, 2022

Sparacio reported that 2022 water consumption continues on an upward trend at about 5% over the same period last year. The replacement meter head at the Ledgeview connection station was in place for the whole month, so that reading is being used again. There was an issue with the new meter head received as replacement of the back-up meter head, so this is still being addressed.

Old Business:

11. None

Next Meeting:

Agenda Items for the Tuesday, April 12, 2022 Meeting

Potential items for the April meeting include:

- Demonstration by De Pere of its service line inventory database
- Updated well maintenance costs
- Updated water consumption projections

Adjourn:

Motion made by Allouez, seconded by Lawrence to adjourn at 3:40 p.m.

MOTION UNANIMOUSLY APPROVED

Respectfully submitted,
Nicolas Sparacio