

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 Thursday, December 8, 2022 at the Village of Allouez Village Hall, 1900 Libal Street, Allouez WI, and via video conference.

Members Present: Allouez – Sean Gehin
Bellevue – Teal Spellman
Denmark – Erika Thronson (video)
De Pere – Scott Thoresen (video)
Lawrence – Kurt Minten
Ledgeview – Greg Potts

Excused: Howard

Also Present: Gary Rosenbeck, McMahon Assoc. (video)
Tony Kappell, McMahon Assoc. (video)
Nic Sparacio, CBCWA General Manager
Rob Michaelson, MPU (video)

The Central Brown County Water Authority – Technical Committee Meeting was called to order at 1:35 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 Lawrence, seconded by Allouez to approve the agenda.
MOTION UNANIMOUSLY APPROVED

Approval of Minutes:

2. November 8, 2022
There were no revisions to the draft minutes.
Motion made by De Pere, seconded by Ledgeview to approve the November 8, 2022 minutes as presented.
MOTION APPROVED UNANIMOUSLY

Appearances or Communications:

3. None.

Agenda Items:

4. Project status updates

a. Cell-to-cell pipe survey

Nic Sparacio reviewed the updated report of the cell-to-cell survey pointing out the changes that were made with completion of the portion of Contract D that was previously omitted. He then presented maps of the areas of potential concern. He noted that there was very little found of potential concern in the additional Contract D survey area. Gary Rosenbeck added that the third-party review of the survey is underway, and that report should be ready next month.

Scott Thoresen was concerned that there is no correlation between the cell-to-cell findings and the areas where breaks actually occurred. Discussion continued, and there was a consensus that there are no recommendations to make at this time. The results of the third-party review are needed first in order to interpret the data received. Rosenbeck also noted that McMahon is working on adding the survey data to the GIS, which will also assist with interpreting the results. This topic will be further discussed at the January meeting.

b. Emergency back-up supply study

Sparacio reported that there is a renewed effort to have discussion on a potential small-scale interconnection between Green Bay and Allouez. The reason for this is that the reconstruction of Webster Avenue in Allouez is nearing the project commitment stage, so if additional water utility work is to be included in the scope, it would be helpful to know that. He has asked Green Bay Water whether there is a willingness to have that conversation and is awaiting a response.

Sparacio then asked for the status of data for the existing Bellevue interconnection. Rosenbeck responded that he has a map with the location. Spellman responded that no agreement governing the interconnection has been found. Rosenbeck plans to reach out to some former Bellevue water utility staff for additional information.

Rob Michaelson joined the meeting via video conference at this time.

c. Meter accuracy and process for calibration – report on recent testing

Sparacio explained that this item remains as a placeholder on the agenda for now. As additional data are gathered, we will circle back in the future to discuss potentially returning to the Finished Water Pump Station meter as the MPU revenue meter, and other testing methods for the Master Meter Station meter.

d. Manitowoc pump station optimization

Michaelson reported that the new 900 horsepower VFD is now fully operational, and all bugs have been worked out. Pump 2 is now being used as the primary pump. The project is complete and will be closed out.

e. **FWPS reservoir roof repairs**

Sparacio explained that this discussion with MPU staff is still underway. The initial direction from MPU is that they would like to treat a new roof membrane as a “Regulatory Response Facility” under the Water Purchase and Sale Contract. There is another potential mechanism to pay for the roof membrane, but it is related to MPU’s ongoing water rate case. Sparacio will report back again as progress is made on the rate case.

f. **MPU valve operations**

Sparacio reported on the follow-up items from valve operations. A section of pipe near the LW-2 connection station was replaced in November. MPU is preparing to coordinate the valve actuator repair near the DP-5/LE-2 connection station for next week. The valve box in the intersection of Grant Street and Mid Valley Drive will be looked at next spring.

g. **Report on main break repairs and investigation**

Sparacio stated that the plan is to continue the investigation once the faulty valve at DP-5/LE-2 is excavated. MPU and McMahon will coordinate with US Pipe so that they can be present for any excavation that identifies a leak or break.

h. **SPLASH Study implementation**

Sparacio reported that a SPLASH Implementation group meeting was held this morning. There will be a joint effort to request proposals for tank and reservoir inspections again in 2023. Gehin also reported on the status of the joint leak detection proposal that he is coordinating. Discussion continued on upcoming joint purchasing opportunities. There was a consensus that the SPLASH implementation efforts are worthwhile and should be continued.

i. **Village of Denmark water supply connection**

Erika Thronson reported that bids were received for construction of the connection station. The bids were higher than expected, but the low bid was accepted by the Village. She is now seeking additional funding from both the Safe Drinking Water and the Clean Water Fund programs. Sparacio added that the Water Authority Board accepted the Committee’s related recommendation from last month. The bid from Mid Cities Corp to furnish and install the Water Authority’s equipment was approved in November. The Board also agreed as recommended by the Committee, in light of the total costs, that no cost-sharing was necessary between Denmark and the Authority. McMahon has been asked to provide the exhibits for the building access easement.

5. **Water sales report through November 30, 2022**

Sparacio reported that November water consumption continued to be a little higher than typical, so total water use for the year is still about 2% above the total for this same time last year. He reviewed the take-or-pay projections noting that the Master Meter Station reads a little lower than the total of the connection station meters. Therefore, a small take-

or-pay charge is likely again for this year. He encouraged the Members to review the year-end true-up projections as we approach the final month of 2022.

6. 2023 Technical Committee officers and meeting location

Sparacio provided the history of Technical Committee officers from 2004 to present. Upon discussion, Scott Thoresen affirmed his willingness to let his name stand for the recommended appointment as Chair. Following the historic cycle, Geoff Farr would be up for Vice Chair. Although Farr is not present for today's meeting, Sparacio affirmed that Farr has stated in the past that he would let his name stand for the 2023 appointment based on the established cycle. The Committee also discussed that Denmark can be added into the rotation at some point in the future.

Motion made by Ledgeview, seconded by Lawrence to recommend Scott Thoresen (De Pere) for the office of Technical Committee Chair and to recommend Geoff Farr (Howard) for the office of Technical Committee Vice Chair.

MOTION UNANIMOUSLY APPROVED

If approved by the Board, the meeting location will move to the Municipal Services Center in De Pere. Thoresen confirmed that he will make the necessary arrangements.

7. 2023 meeting schedule

Sparacio provided a draft schedule for 2023 Technical Committee and Board meetings. The Committee reviewed the schedule, and there were no known conflicts. The January Technical Committee meeting is scheduled for the 10th.

Old Business:

8. Update on Section 14 grant for Lake Michigan shoreline

Sparacio reviewed the updated project budget provided by the US Army Corps of Engineers for additional shoreline stabilization under the Section 14 grant. The project cost is now estimated to be \$3.4 million with a local cost share of \$1.2 million. On a linear foot basis, the Army Corps project would cost over \$3,000 per foot. The Water Authority project completed in 2020 had a cost of less than \$450 per linear foot. Gehin noted that the engineering and construction management costs are 25% of the project. Sparacio then noted that he plans to talk with the City of Manitowoc next week to get their reaction to the project budget.

Rosenbeck added that there is a difference in the revetment cross-section between the Army Corps design and the Water Authority's previous project. The Water Authority's project was more than sufficient to protect the shoreline, but the Army Corps design includes another two tons of stone per foot. The Committee discussed the condition of the shoreline, expected lake levels, and the approach to the 2020 revetment project. There was a consensus that inflationary impacts to the costs are expected, but this budget appears to go well beyond that. The Committee concluded that the project could be completed sufficiently protecting the shoreline for less than the local cost share under the Section 14 grant program.

Motion made by Lawrence, seconded by De Pere to recommend declining the Section 14 grant and to continue working with the City of Manitowoc on alternative approaches and sources of funding for further shoreline stabilization in the project area.

MOTION APPROVED UNANIMOUSLY

Next Meeting:

Agenda Items for the Tuesday, January 10, 2023 Meeting

Potential items for the January meeting include:

- Water Authority and Member operations open discussion

Adjourn:

Motion made by Lawrence, seconded by De Pere to adjourn at 3:00 p.m.

MOTION UNANIMOUSLY APPROVED

Respectfully submitted,
Nicolas Sparacio