

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, September 7, 2021 at the Town of Ledgeview Community Center, 3700 Dickenson Road, De Pere, WI, and via video conference.

Members Present: Allouez – Sean Gehin, Mike Mahloch
Bellevue – Shawn Geiger
De Pere – Eric Zygerlicke (video)
Howard – Geoff Farr (video)
Lawrence – Kurt Minten
Ledgeview – Greg Potts, Andy Tenor

Also Present: Craig Wolf – Hydrocorp
John Hamm – Hydrocorp
Rob Michaelson – Manitowoc Public Utilities
Gary Rosenbeck – McMahon, Inc. (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 Greg Potts of Ledgeview.

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 Bellevue, seconded by Lawrence to approve the agenda.
MOTION UNANIMOUSLY APPROVED

Approval of Minutes:

2. August 10, 2021

There were no revisions to the draft minutes.

Motion made by Ledgeview, seconded by Lawrence to approve the August 10, 2021 minutes as presented.

MOTION APPROVED UNANIMOUSLY

Appearances:

3. Hydrocorp/Kamstrup Meters

Nic Sparacio reviewed the reasons for inviting some meter vendors to share information with the Technical Committee as discussed at the last meeting. He then introduced the representatives from Hydrocorp. Craig Wolf explained that Hydrocorp became a distributor

of Kamstrup meters about two years ago. John Hamm presented the details on the Kamstrup meters and the technology they use.

The Members raised various questions. The standard meters which require Kamstrup proprietary data collectors and software have built-in Acoustic Leak Detection (ALD). They also have a line of encoded meters that can interface with many existing AMI networks, but these units do not have the built-in ALD. All of these meters utilize ultrasonic water measurement with no moving parts. The meters with ALD can reliably pick up leaks within 600 feet of the meter. They also measure temperature, dry events, reverse flow events, etc. The batteries and accuracy are guaranteed for 20 years. Seymour is the nearest community with a vast majority of Kamstrup meters in service. The Committee thanked the Hydrocorp representatives for attending.

Agenda Items:

4. MPU/CBCWA operations update – chlorination

Sparacio confirmed that the Members reviewed the emails from MPU on this topic. There are challenges to maintaining chlorine residuals with the current changes in water temperature and quality. Rob Michaelson noted that the fall turnover and related chlorine demand have been more significant this year. The Members confirmed that the chlorine levels have not been an issue locally to this point. All will continue to monitor this to prevent any potential problems.

5. Project status updates

a. Emergency back-up supply study

Sparacio reported that the study is on hold while we await some responses from Green Bay Water. In the meantime, we have scheduled a meeting with Allouez to talk in more detail about the various options for an emergency interconnection along Webster Avenue and how they might coincide with their upcoming construction projects for that street.

b. Chlorine analyzer maintenance

Sparacio reported that the 6-month maintenance kits have been ordered for the pre-chlorination analyzers. General options for training everyone on the installation of the replacement membranes include having MPU staff come and provide some training, or hiring Energenecs to do the training. The Members discussed these options and the potential locations for hosting this training. There was a consensus that the Members are comfortable with MPU staff providing the demonstration, and that the Allouez connection station is the best location for a larger group to meet. Discussion continued on drifting chlorine readings and calibration procedures for the downstream analyzers.

c. Meter accuracy and process for calibration

Michaelson reported that the meter retests in Lawrence and Ledgeview are scheduled for tomorrow. He continued to describe the lack of consistency he saw with the various meter tests over the years. Once the retesting is completed, we can have some further discussion with Midwest Meter on interpretation of the full set of results.

Geiger asked for clarification on the meter readings from November and December of 2020. Michaelson responded that the correction factor was removed that had been applied by ME Simpson without authorization during the meter testing. Sparacio confirmed that the original meter readings (without the unauthorized correction factor) were used for everyone in the annual true-up process, including Bellevue. Michaelson will ensure that Lawrence and Ledgeview staff are notified when the meter tests take place tomorrow, as they have the right to be present.

d. Manitowoc pump station optimization

Michaelson reported that the VFD order has been placed with Werner Electric. Once MPU approves the submittal drawings from Werner, they can release the request for installation bids. He expects to receive those submittals sometime this month.

e. Door replacements

Sparacio reported that the door replacement list has been finalized and shared with LaForce. They are working on scheduling a day to go to all the sites and review the conditions toward an estimate.

f. SPLASH Study implementation

Sparacio reported on the September 1st SPLASH meeting. The group decided to move forward with a joint request for proposals for tank and reservoir inspections for 2022. There is also potential for a collaborative effort toward well inspections. Potts added that there might be an approvable lower cost alternative for emergency back-up wells involving a 24-hour pump test and vibration test. He is looking into this option for Ledgeview.

6. Outreach to potential new members

Sparacio provided updates on discussions with potential new member communities. The Village of Suamico plans to construct a new groundwater well. Other potential new members are continuing to consider the Water Authority as a possible water source.

7. Report on 2022 budget and capital improvement program

Sparacio reported that the Board accepted the preliminary budget and scheduled the Member hearing for the September 15 Board meeting. There were no changes to the preliminary budget as presented in August.

8. Water sales report through August 31, 2021

Sparacio reported that water consumption dropped in August, as expected, with the higher-than-normal precipitation. Annual water use is very close to the same amount at this time last year. The current year-end projection is for a relatively small take-or-pay charge.

Old Business:

9. None

Next Meeting:

Agenda Items for the Tuesday, October 5, 2021 Meeting

Sparacio requested on behalf of Sensus and Core & Main that the meeting be rescheduled from October 12th to October 5th. The Members had no objections to that change and Potts confirmed that he is available to chair the meeting. Potential agenda items for the September meeting include:

- Appearance/presentation by a meter vendor

Adjourn:

Motion made by Ledgeview, seconded by Allouez to adjourn at 3:05 p.m.

MOTION UNANIMOUSLY APPROVED

Respectfully submitted,
Nicolas Sparacio