

PROCEEDINGS OF THE CENTRAL BROWN COUNTY WATER AUTHORITY
TECHNICAL COMMITTEE

Pursuant to Section 19.84 Wis. Stats, a regular meeting of the **Central Brown County Water Authority – Technical Committee** was held on Tuesday, April 9, 2019 at the Bellevue Public Safety Building Conference Room – 3100 Eaton Road, Bellevue, Wisconsin

Members Present: Allouez – Sean Gehin
Bellevue – Dave Betts, Shawn Geiger
De Pere – Scott Thoresen
Howard – Geoff Farr
Lawrence – Kurt Minten
Ledgeview – Dave Strelcheck

Also Present: Nic Sparacio, Manager
Rob Michaelson – Manitowoc Public Utilities
Don Voogt – McMahan, Inc.
Gary Rosenbeck – McMahan, Inc. (via telephone)

The April 9, 2019 Central Brown County Water Authority – Technical Committee Meeting was called to order at 1:35 p.m. by Chairman Dave Betts of Bellevue.

Roll Call:

Attendance was recorded as shown above.

Approval of Agenda:

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

Approval of Minutes:

2. There were no questions or comments on the March 12, 2019 minutes.
Motion made by Lawrence, seconded by Ledgeview to approve the March 12, 2019 minutes as presented.
MOTION APPROVED UNANIMOUSLY

Appearances:

3. None

Communications:

4. None

Agenda Items:

5. CMF plant replacement project at MPU

Manager Sparacio stated that MPU has provided the Water Authority with a draft of their Public Service Commission of Wisconsin (PSCW) project submittal for the replacement of the Continuous Microfiltration (CMF) plant in Manitowoc. Rob Michaelson provided some history on why MPU is pursuing the project and what steps MPU has taken to this point. He stated that the primary reason for the project is to improve reliability and redundancy of the water treatment process. MPU is hoping that the Water Authority will support this project request.

Scott Thoresen asked for the current demand levels for the Water Authority and Manitowoc. Michaelson stated that combined average day demands total about 13 million gallons per day (mgd), and combined maximum day demands total about 17 to 19 mgd. He continued that capacity becomes a concern when one of the five Submerged Microfiltration (SMF) cells is down for repairs which reduces production by 5 mgd or 20% of firm capacity.

Sparacio asked for clarification on how the raw water pumping equipment is related to the CMF and SMF plants. Michaelson responded that each plant can have its own raw water intake and pumping station and that both intakes and pumping stations have been in use.

Discussion continued regarding potential cost and rate impacts for the Water Authority. Michaelson stated that the project would be at no cost to the Water Authority, and rates paid by the Authority should not be impacted either. Don Voogt asked whether it is more cost-effective to rehab the pressurized membranes than to expand the submerged membranes due to the existing infrastructure. Michaelson stated that yes, it is less costly to work in the existing building footprint. Sparacio asked if MPU has any idea of the cost to add another cell to the SMF plant. Michaelson responded that he does not have a cost to add a cell to the SMF plant.

Rosenbeck asked for clarification on how many cells are found in the SMF plant. Michaelson responded that there are five cells with one being for backwash, CIP, or PDT, and this is what the DNR calls an "n-1 condition." This results in four cells producing 5 mgd each for a total of 20 mgd.

6. Project status updates

a. Water System Improvement Projects

Sparacio stated that signatures are being gathered for execution of the project contracts. There were no questions or comments on this item.

b. Cla-Val maintenance

Sparacio asked how this ongoing effort with Dorner is going and if there have been any issues. Discussion ensued on how the valve maintenance is going. It is going well and there have been no issues.

c. **Sensus AMI software updates**

Sparacio asked if those involved have been contacted for training or assistance yet. There has been some outreach by Sensus. No communities have tried the new software interface yet.

d. **Utilis leak detection**

Sparacio asked if there are any updates on this joint leak detection project. Thoresen reported that he provided the De Pere/Allouez/Manitowoc RFP to Utilis and the list of responders that Utilis could have partnered with. Utilis did not opt to partner with any of the responders. Geoff Farr stated that Howard is planning to move forward with Utilis.

Discussion ensued regarding the traditional leak detection services being offered under the De Pere/Allouez/Manitowoc joint RFP. Michaelson stated that the quote they received in Manitowoc is much less than usual. Gehin concurred for Allouez.

e. **Transmission system operation and maintenance**

Sparacio stated that there is nothing to report on this item. It will continue to be a placeholder on the agenda to ensure that we come back to it and make progress in the future. He further explained that EMC completed a property insurance survey with the goal of validating the insurance values for Water Authority-owned facilities.

f. **Green Bay Water Utility Interconnect Study**

Sparacio stated that work is continuing by AECOM on the final report. There are no significant changes, but clarifications to ensure that the Water Authority's system is accurately understood. He continued that a next step on this potential interconnection is to look at the Water Authority's long-term financial picture. He will present a financial model to the Board later this month as context to the discussion of financing major capital projects in the future.

Betts asked how the discussion of potential cost-sharing have gone with Green Bay Water. Sparacio responded that those discussions have been very general so far. There is acknowledgement of the ability to serve each other's emergency supply needs, and that this is justification for cost-sharing. But specific proportions have not been discussed at this time.

g. **Utility Cooperation and Collaboration Study**

Sparacio asked how the additional outreach and data gathering by Raftelis is going. Discussion ensued regarding how difficult it is to break out water-only costs in communities with staff and departments that perform multiple functions. But progress is being made, and the discussions are going well.

h. **Emergency Response Plan tabletop exercise**

Sparacio stated that planning for the May event is ongoing. Michaelson explained that the next step is to determine one or more scenarios to test during the event.

7. Water sales report through March 31, 2019:

Sparacio stated that the March 2019 water sales report shows a continued increase in water use over last year. He noted that the differences in meter readings are tracking as expected, and he will continue to monitor that. There were no questions or comments on the water sales report.

Old Business:

8. None

New Business:

9. None

Next Meeting:

10. Agenda Items for the May 7, 2019 Meeting:

Possible report from AWWA Annual Regulatory Affairs seminar if anyone is able to attend.

Adjourn:

Motion made by Howard, seconded by De Pere to adjourn at 2:25 p.m.

MOTION UNANIMOUSLY APPROVED

Respectfully submitted,
Nic Sparacio, Manager