

CITY OF SHEBOYGAN
BOARD OF WATERWORKS COMMISSIONERS MINUTES
Monday, March 27, 2023

OPENING OF MEETING

At 3:30 PM, President Van De Kreeke opened the meeting. Present were Commissioner Dale, Commissioner Howe (via phone), and Superintendent Trueblood.

1. Pledge of Allegiance

All present honored the flag of the United States.

MINUTES

2. Approve minutes of the February 20, 2023 meeting

Commissioner Dale made a motion, seconded by Commissioner Van De Kreeke, to approve the minutes of the February 20, 2023 meeting. Motion passed unanimously.

REPORTS

3. Financial reports and approval of vouchers

Commissioner Van De Kreeke made a motion, seconded by Commissioner Dale, to approve the financial reports as presented. Motion passed unanimously.

4. Superintendent's report including operations, construction-maintenance, and customer relations/fiscal

Commissioner Van De Kreeke made a motion, seconded by Commissioner Dale, to approve the superintendent's report as presented. Motion passed unanimously.

ITEMS FOR DISCUSSION AND POSSIBLE ACTION

5. Review proposed US Cellular rental agreement update

Superintendent informed that the rental agreement with US Cellular for space on the tank and ground at Georgia Avenue pump station is coming due for renewal after 20 years. Superintendent reviewed proposed changes received from counsel and advised of various issues that have taken place over the years that should be remedied under a new agreement. The Board members agreed with moving forward as proposed to renew the agreement but with proposed changes to reduce risk to the Utility.

6. Approval of Indiana Ave water main and water service project

Superintendent reviewed summary of the project by Supervisor McMillan including replacing of water main and water service lines on Indiana Ave from S. 17th to S. 24th Street. The project was bid in conjunction with DPW's street reconstruction project. The low bidder was Dorner Inc. and the overall cost for the water main and service line work was \$688,473.00. Commissioner Van De Kreeke made a motion, seconded by Commissioner Dale, to approve the award of water construction to Dorner. Motion passed unanimously.

7. Approval for purchase of replacement filter actuators

Supervisor Swearingen provided a summary of plans to replace existing electric actuators on the in-valves on filters 1-6. These are used in controlling the rate of flow. Dorner provided a proposal for replacement with Auma SAR07-type actuators at a total cost of \$46,091. Commissioner Dale made a motion, seconded by Commissioner Van De Kreeke, to accept the proposal as presented. Motion passed unanimously.

8. Approval for purchase of phosphate bulk storage tank

Superintendent reviewed the cost for adding two new 500 gallon storage tanks for use with the phosphate feed system. Due to higher dosage rates, additional capacity is needed to meet a monthly storage rating. Commissioner Van De Kreeke made a motion, seconded by Commissioner Dale, to approve the cost of \$6,069.70 to purchase two tanks and all necessary bulkhead fittings from USA Bluebook. Motion passed unanimously.

9. Approval for purchase of replacement UV backup batteries

Superintendent reported that the original battery backup system from the UV disinfection system has reached the end of its working lifetime and needs replacement. This involves 36 individual battery units by Eaton at a total cost of \$22,117.26. Commissioner Dale made a motion, seconded by Commissioner Van De Kreeke, to approve the purchase. Motion passed unanimously.

10. Update on PFOS/PFOA monitoring

Superintendent reviewed a summary prepared by Supervisor Swearingen on PFAS monitoring updates. The Utility has tested for 16 different PFAS contaminants and only two were detectable just above the method detection limit at 1.9 parts per trillion. These were PFOA and PFOS. WDNR maximum contaminant level for PFOA and PFOS combined is 70 parts per trillion. Recently USEPA has proposed a draft MCL of 4.0 ppt, which remains under review. Current results would comply with this lower level if it does go into effect. Meanwhile the Utility would complete additional testing in October 2024, expanding to 29 PFAS compounds under USEPA Unregulated Contaminant Monitoring Rule testing. The Utility has placed updated information on its website.

11. Approval of backwash tank flow meter

Superintendent reviewed a proposal from Energenecs for an Ultrasonic transit time flowmeter for use in measuring backwash flow rates during filter washes. This will allow more accurate and reliable measurements of flow rates to ensure good backwashing and to monitor head loss across the filters during backwash. Commissioner Dale made a motion, seconded by Commissioner Van De Kreeke, approving the proposal. Motion passed unanimously.

12. Approval for purchase of replacement computers

Superintendent reviewed proposals for a GIS/Civil Tech laptop at a cost of \$3,099 along with (4) replacement computers and 3 replacement monitors at a cost of \$10,177. Commissioner Van De Kreeke made a motion, seconded by Commissioner Dale, to approve the purchase from Ontech. Motion passed unanimously.

13. Review filter replacement study

Superintendent reviewed a Technical Memorandum prepared by CDM Smith on filter rehabilitation and underdrain evaluation. Experts at CDMS and Utility staff had met with three vendors to review options for filter replacements. Ongoing work has demonstrated that the existing filters have caps that have begun clogging. CDMS conducted a non-cost scoring evaluation to compare the three options from Leopold (plastic), AWI(stainless steel), and Roberts Filters (stainless steel). The evaluation looked at the categories of installation, impact on media/water quality, reliability and performance, and company experience/service record. A number of individuals provided ratings in each category and these were combined for an overall result. AWI had a score of 4.06, Roberts at 4.02, and Leopold at 2.73. On reviewing these results, the Board members agreed that both the AWI and Roberts systems should be pursued further. Superintendent advised that CDMS would then begin design work allowing the bidding of both AWI and Roberts to have good competition.

PERSONNEL

14. Review covid leave status

Superintendent reviewed a summary of covid leave, explaining that the Board had implemented 480 hours of leave for each staff member at the beginning of the pandemic. This was to be used for illness and also for time spent helping children with remote lessons. As the US Dept of Health and Human Services will officially end the public health emergency on 5/11/2023, Superintendent recommends that the Board eliminate all remaining covid leave at some point in time. Commissioner Van De Kreeke made a motion, seconded by Commissioner Dale, to eliminate remaining covid leave on June 1, 2023. Motion passed unanimously.

NEXT MEETING

15. Next meeting:

The members agreed that the next meeting date will be April 24, 2023.

ADJOURN

16. Motion to Adjourn

At 4:35 PM, Commissioner Dale made a motion, seconded by Commissioner Howe, to adjourn the meeting. Motion passed unanimously.