

City of Sheboygan
2018-05-21

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BOARD OF WATERWORKS COMMISSIONERS - 4: 00 PM (Monday, May 21, 2018)Generated by
Joe Trueblood on Tuesday, May 22, 2018 \

Members present:

Gerald Van De Kreeke, Ray Haen, Mark Smith

Staff/Officials:

Superintendent Joe Trueblood

1. OPENING OF MEETINGPresident Van De Kreeke called the meeting to order at 4:
00 pm.

1.1 Pledge of AllegianceAll present honored the flag.

2. MINUTES

2.1 Approval of minutes from the April 24 and April 27, 2018 meetingsMotion by
Commissioner Haen, seconded by Commissioner Van De Kreeke, to approve the
minutes.

Motion carried unanimously.

3. REPORTS

3.1 Financial reportsSuperintendent reviewed the reports fo April.

Motion by Commissioner Haen, seconded by Commissioner Smith, to accept the
reports.

Motion carried unanimously.

3.2 Superintendent's report including operations and
construction-maintenanceSuperintendent reviewed the operations and
construction-maintenance work for April.

One water main break occurred.

Motion by Commissioner Haen, seconded by Commissioner Smith, to accept the reports.

Motion carried unanimously.

4. ITEMS PREVIOUSLY HELD OVER FOR DISCUSSION AND POSSIBLE ACTION

4.1 Lead water service replacement program Superintendent reported that, according to a WDNR presentation at the recent Regulatory Affairs Seminar, Utilities will be allowed to apply for Safe Drinking Water loans (including principal forgiveness) going forward for lead water lateral replacements.

Superintendent noted that the Utility is working on plans for continuation of the program.

Intake feasibility project No update.

4.3 South water tower project Superintendent reported that the pre-construction meeting took place, and the contractor is expected to mobilize to the site by mid June.

The city's contractor has completed preparation of the site.

Superintendent then reviewed an issue raised by the

contractor regarding the effect of a delay in steel delivery

due to the new steel tariff.

Although the project was already utilizing American steel, the tariff has resulted in delays in delivery of

American steel, which means the contractor cannot guarantee erection and complete painting of the tower during 2018.

The contractor can erect the tower with the delays, but

cold weather might render painting impossible.

After discussion, Superintendent requested that the contractor determine how

to get the tank in service during 2018 even if it has to be taken
back out of service

in 2019 for final painting.

The contractor has provided the additional costs necessary to
provide interior heating so that the interior can be fully painted.

AECOM has reviewed this proposal and determined there should be no detrimental
effect by fully painting the interior and then coming back to paint the exterior
as warmer weather permits during 2019.

CB&I has detailed the costs for heating which include

fuel cost per gallon, power generator rentals, some additional labor,
additional air quality testing, and an additional mobilization to the site.

initial proposed cost estimate is \$50,960 for approximately one month of
interior painting in colder weather.

The bulk of the cost is for fuel, which would depend on the actual weather
conditions during painting.

The Commissioners discussed the need to pay the contractor only for fuel used
and not a lump sum for fuel and that sales tax should not have to be paid;

so this would require a line item for fuel cost per gallon that could be
verified by the

engineer.

Other items reflected fixed costs.

Otherwise the Commissioners felt that the change in delivery conditions
warrants the change as per the standard form of agreement.

Superintendent noted that discussion

is still underway with the contractor.

Commissioner Van De Kreeke made a motion, seconded by Commissioner Haen, authorizing the superintendent to pursue the change order with

the engineer, AECOM.

Motion passed unanimously.

4.4 Clear well sluice gate and UV bypass project

Superintendent noted that he, Operations Supervisor Swearingen, and Lead Operations Tech Rodman attended a kick-off meeting with CDM Smith.

The project design will start up but construction will likely not take place until 2019.

4.5 Georgia Avenue pump station project Superintendent noted that the WI PSC is continuing to review the project for construction authorization.

5. ITEMS FOR DISCUSSION AND POSSIBLE ACTION

5.1 PSC code changes None

5.2 Update on USEPA unregulated contaminant testing Superintendent reviewed an EPA fact sheet on PFOS and PFOA contaminants, which is a new class under study.

In 2014, the Utility was required to sample for these chemicals and provide data to US EPA.

This is one mechanism by which the regulators build up a data base on unregulated contaminants.

Other recent additions have included artificial sweeteners and DEET.

Superintendent also noted a recent news article about the detection of micro-beads of plastic material in some beer;

however the study did not conclude that the contaminant came from municipal

water but indicated the brewing process as

a more likely source.

Overall, as methods of detection continue to improve, the technology allows a greater resolution of contaminants at parts per trillion levels and even smaller.

5.3 Review and request R.O. transmitting Utility's preliminary 2019 CIP and 2020 - 2025 CIP Superintendent reviewed the Utility's preliminary 2019 capital improvements plans for items exceeding \$25,000.

It includes \$1,513,000 for operations items, \$1,504,488 for distribution and construction-maintenance, and \$530,000 for Customer Relations/Fiscal.

The largest single item is \$1,000,000 for the Georgia Avenue pump station upgrade, which has been delayed during 2018.

Superintendent noted that final 2019 capital would be included in the 2019 Utility's budget, which includes overall financial estimates for 2019.

Superintendent then reviewed the five year plan for 2020 - 2025.

The largest item is the raw water improvement project scheduled to begin in 2021.

This project is estimated at \$14,000,000 in 2021 and \$14,000,000 in 2022, although these are very preliminary estimates.

Other

large projects include

painting

the Georgia standpipe and Behrens Parkway water tower, painting the steel tank at the Taylor Hill reservoir, and a clear well project.

Ongoing capital expenditures include water main and water lateral replacements, vehicle replacements, meter replacements, filter rebuilds, and various electrical and mechanical upgrades.

Superintendent noted that the five year plan is intended only as a very rough guideline;

unanticipated projects always arise, priorities change, timing is often affected by external factors, and actual water revenues might fluctuate.

Commissioner Van De Kreeke noted the use of five year plans in the past and that projects

often change.

It can also be difficult to determine accurate cost estimates years

ahead of a project.

The Commissioners had some questions on projects and superintendent provided a response.

Commissioner Van De Kreeke made a motion, seconded by Commissioner Haen, to accept the CIP and authorize the R.O. transmitting the information to Council.

Commissioner Haen seconded the motion, which passed unanimously.

5.4 Review proposal for SCADA radio system upgrade Superintendent reviewed a summary by Operations Supervisor Swearingen on a proposed radio system upgrade to provide SCADA communications from field sites to the water treatment plant.

For many years, the Utility has used dedicated phone lines, but these are costly and problematic.

Secure radio systems can now be encrypted, providing a high level of security.

After a field test, the Utility's vendor verified that radio can be used from the Georgia standpipe back to Utility office, providing a robust communication line.

Energenece provided a proposal including GE radios, power supplies, lightning arrestors, weather-proof containers for three locations including all necessary PLC and SCADA programming at a total cost of \$20,885.

Energenece provided an option to include three additional remote sites at a cost of \$15,300.

Superintendent noted that the Utility had budgeted only for phase 1, but additional capital dollars could be used from funds allocated to the south water tower project.

Commissioner Smith noted that it seemed advantageous to complete the entire installation at once.

Commissioner Van De Kreeke made a motion, seconded by Commissioner Haen, to accept

both proposals at a total cost of \$36,185.00.

Motion carried unanimously.

5.5 Review WDNR's 2017 sanitary survey report Superintendent reviewed WDNR's sanitary survey report based on a field visit on April 11, 2018 conducted by Ms. Petwara Toyngtrakoon and Ms. Florence Olson of WI DNR.

They met with Superintendent Trueblood, Operations Supervisor Swearingen, and Lead Operations Tech Rodman.

The survey noted three minor deficiencies:

a slight adjustment to the elevation of an overflow at the Georgia Avenue standpipe, a slight adjustment to air relief discharge piping in the UV treatment room, and installation of back-pressure devices along with a pressure relief and pressure gauge on peristaltic pumps used for chemical feed systems.

These items will all be remedied by the end of 2018 in accord with WI DNR requirements.

Superintendent commended Utility staff for maintaining the water treatment plant and remote sites in outstanding condition.

5.6 Review proposal for a chemical metering pump Superintendent reviewed a

proposal from Hawkins, Inc., for a replacment chemical feeder pump for a Blue-White M 3 pump at a total cost of \$3,850.

Motion by Commissioner Van De Kreeke, seconded by Commissioner Smith, to accept the proposal.

Motion passed unanimously.

5.7 Approve vouchers Commissioner Smith made a motion, seconded by Commissioner Haen, that gross payroll for April of \$145,962.39 and general vouchers of \$159,994.65

be allowed and accepted.

Motion carried unanimously.

6. PERSONNEL

6.1 Vacant position status Superintendent noted that Mr. Treacy is expected to begin employment on June 11,2018.

The Utility is currently advertising for a Distribution Technician as a successor to Mr. Gizaw, who will be transferred to the meter shop.

Superintendent then discussed the possibility of having his daughter, Ms. Tess Trueblood, complete some high school student coop time at the Utility on an unpaid basis for 2 - 3 months this summer, possibly 6 hours per week:

this would include work on a Utility flip-book, design and layout of a new break room, and filing/database work.

The Commissioners reviewed Ms. Trueblood's resume and commended her strong academic work.

Commissioner Van De Kreeke stated that he

would support the proposal.

The other Commissioners agreed.

7. NEXT MEETING

7.1 Next meeting will take place on June 18, 2018 at 4: 00 pm.

8. ADJOURN

8.1 Motion to Adjourn Commissioner Smith made a motion, seconded by Commissioner Van De Kreeke, to adjourn at 5: 19 pm.

Motion carried unanimously.