

**CITY OF PORT WASHINGTON
BOARD OF PUBLIC WORKS
MINUTES
TUESDAY, OCTOBER 11, 2022**

ROLL CALL: Chairman Jason Wittek called the Board of Public Works meeting to order at 5:33 pm in the Common Council Chamber at the City Hall. Members present: Alderman John Sigwart, Alderman Pat Tearney, and Alderman Mike Gasper. Also, present were Director of Public Works Rob Vanden Noven, City Engineer Roger Strohm, and Water Supt. Dan Fisher. Absent and excused: Jim Haley, Street Commissioner JD Hoile, City Arborist Jon Crain, and Wastewater Supt. Dan Buehler. Absent: City Administrator Tony Brown and Cam Pauli. Alderman Dan Benning was present in the audience.

Chairman's Business: There was none.

Approval of Minutes for August 9, 2022: MOTION BY PAT TEARNEY AND SECONDED BY JOHN SIGWART TO APPROVE THE MINUTES AS PRESENTED. Motion carried unanimously.

Public Comments/Appearances: There was none.

Old Business: There was none.

New Business:

Director of Public Works Rob Vanden Noven introduced Roger Strohm to the Board Members as the new City Engineer. Roger just finished his 10th day on the job. Water Supt. Dan Fisher and WWTP Supt. Dan Buehler will be reporting to Roger and Roger will be reporting to the Director of Public Works. The Director of Public Works will have the Engineering Department, the Street Department, the Parks and Forestry, and the Marina reporting to him. Welcome, Roger.

A. UPDATE BY STRAND ASSOCIATES ON WASTEWATER TREATMENT PLANT UPGRADES: Director of Public Works Rob Vanden Noven reviewed this item for the Board Members. He stated that Phil Bzdusek from Strand Associates will be making a brief presentation updating the Board of Public Works on the status of the engineering work being performed on the proposed Wastewater Treatment Plant upgrades scheduled for 2023-2024. Mr. Bzdusek made a PowerPoint presentation for the Board Members. The PowerPoint reviewed the updates with background information, project costs, and project schedule. Board members asked questions while watching this presentation. They discussed the increased cost of equipment and issue with the supply chain. They also discussed the bids and schedule of completing the project. This item is informational only.

B. CONSIDERATION AND POSSIBLE ACTION ON TASK ORDER 2022-2, AMENDMENT NO.1 FROM STRAND ASSOCIATES FOR FINAL CLARIFIER TROUGH COVERS ENGINEERING DESIGN: Director of Public Works Rob Vanden Noven reviewed this item with the Board Members. He stated the algae that grows in the weirs of the clarifiers at the WWTP sloughs off and travels to the disinfection tank where it attaches to the new UV disinfection bulbs. The self-cleaning mechanism on the UV disinfection bulbs cleans the bulbs by running a cannister filled with a cleaning agent over the bulbs. The mass of algae gets inside of the cleaning canister and pushes

through the seals on the cannisters. To alleviate this problem and to help keep the seals from failing, two operators as spending 2-4 hours per week to clean the bulbs. Prevention of premature failure of the seals is important. The proposed long-term solution is to install covers over the troughs of the clarifiers to block sunlight and reduce the growth of algae. Because of the warm water of the treatment plant, algae growth is a problem throughout the year. The Board Members discussed this item. **MOTION BY PAT TEARNEY AND SECONDED BY JOHN SIGWART to recommend approval of the Strand Amendment No. 1 for Task Order 2022-2 Engineering Design for Final Clarifier Trough Covers for \$9,300.00 as presented. Motion carried unanimously.**

C. CONSIDER AND POSSIBLE ACTION TO REALLOCATE WATER UTILITY CAPITAL IMPROVEMENT PROGRAM FUNDS TO PURCHASE ONE FIXED BASE METER READING STATION AND EXECUTE AN AGREEMENT WITH SENSUS TO PROVIDE, INSTALL AND MAINTAIN RELATED EQUIPMENT AND SOFTWARE: Director of Public Works Rob Vanden Noven and Water Supt. Dan Fisher reviewed this item with the Board Members. They stated that in 2005, the water utility began attaching radios to the water meters installed in newly constructed homes. The radio (called a radio/Meter eXchange Unit, or MXU) to allow the utility to read meters via a handheld radio receiver instead of manually collecting the information by physically reading it off the meter on the exterior of the home/building. In 2013 the utility began to also install the radios on meters that were part of the annual meter replacement program. The utility has been replacing approximately 5% of the distribution system's meters every year to meet Public Service Commission (PSC) regulations. To date the utility has installed radios in approximately 60% of customer building in the city. As technology has progressed, Utilities are now installing new Advanced Metering Infrastructure (AMI) technology to collect and store data on a cloud-based server using a fixed base receiver. This new technology will automatically collect data hourly to alert staff of potential leaks within days instead of months. This will also eliminate field staff time. AMI system upgrade cost includes the purchase and installation of the base station, antenna, AMI software, training, and annual maintenance fee. The recommended provider is Sensus, which manufactures the City's meters. The Board Members discussed this item **MOTION BY MIKE GASPER AND SECONDED BY PAT TEARNEY to approve the staff recommendation to reallocate funds from the Water Utility's CIP Budget from water meters to the purchase of a fixed base meter reading system from Sensus. Motion carried unanimously.**

Project Updates: Staff reports for Engineering, Street, Parks, Water Utility, and Wastewater Treatment Plant were reviewed by the Director of Public Works. The Board Members discussed these reports.

Forthcoming Events: Discussion was held on the November 2022 Board of Public Works meeting. City Hall will be holding the election in the Common Council Chamber on Tuesday, November 8, 2022. A decision on when and where to hold the November meeting will be made dependent on what is ultimately on the agenda.

ADJOURNMENT: MOTION BY PAT TEARNEY AND SECONDED BY JOHN SIGWART to adjourn the meeting at 6:28 p.m. Motion carried unanimously.