

**Bangor Water District  
Board of Trustees**

**Minutes of the Regular Meeting  
January 21, 2020**

The regular meeting of the Bangor Water District Board of Trustees was held at 3:45 p.m. in the Hughes Building, 614 State Street. Present were:

Ralph Foss  
Patty Hamilton  
John Hwalek  
Gerry Palmer  
Robert Sypitkowski  
Michael Timpson  
Dan Wellington

being more than a quorum of Trustees. Also in attendance: General Manager Moriarty, Finance Manager Bailey, Assistant District Engineer Killip, and Office Manager Marchegiani. The clerk kept the minutes.

**Introduction of New Trustees:** Taking the agenda out of order, Trustees Hwalek and Timpson introduced themselves.

I. **Public Comment:** None.

II. **Administrative:**

**Minutes:** The minutes of the December regular and special meetings were approved. Going forward, minutes awaiting approval will be presented separately for signing at the meeting.

**Treasurer's Report:** Finance Manager Bailey reviewed end-of-year items, noting that metered sales are five percent lower than budget (reflecting a 3.7 percent drop in consumption) while operating expenses were 1 percent higher than budget (wages were lower than budget but supplies – particularly for work on mains and for paving – were higher than budget). She noted capital purchases are lower than budgeted and the capital reserve balance is higher than budgeted – both due to delayed projects. After discussion, the report was approved as presented.

**Progress Report:** as presented.

III. **Old Business:**

**Engineer's Report:** Killip updated the Board on

- Ohio St bridge work – crew has disconnected water main in the demolition area and rerouted to adjacent streets. Installed temporary water service to affected customers. New water main will be suspended under the overpass when MDOT completes the bridge replacement.
- Purchase of drone – will be used for inspection of standpipes, inspection of the watershed, and project documentation. Also offers infrared imaging so may be useful for checking tank levels and searching for leaks.

**Risk and Resiliency Assessment and Emergency Response Plan:** Items are required by the America's Water Infrastructure Act, due to EPA by June 2021. Bangor Water has sent RFPs to five consultants, with plans to make recommendation to Board next month. Estimated cost is \$25,000 (applying for Drinking Water Program capacity grant to help with 50 percent of funding).

**Solar Feasibility Study:** Moriarty reviewed a workshop held last October, discussing the possibility of locating solar arrays to generate revenue, and the ensuing vote at the October Board meeting to seek a qualified consultant to conduct the process. RFPs were issued to 10 vendors, with two responding. She discussed the scoring process based on related experience, understanding of project, ability to deliver solar agreements, and cost; she recommended ReVision Energy even though their price was slightly higher. She reviewed the proposals, and noted that ReVision is providing similar services to the City of Bangor. After questions and discussion, it was upon motion being made and duly seconded, unanimously  
VOTED: to award the project to ReVision Energy.

**BIA pressure zone expansion feasibility study:** Moriarty reminded the Board that the BIA standpipe (76 years old), the Hammond Street standpipe (57 years old), and the Crane pump station (76 years old) are at the end of their useful life. Moriarty reviewed the feasibility study that was recently completed evaluating a number of factors while debating whether the facilities should simply be replaced or if changes should be made. Among the items evaluated were: hydraulic and geotechnical impacts, flows for firefighting and domestic service based on existing and potential future needs, tank size/shape and resulting age of stored water, and cost to build as well as maintain. The study further evaluated the options to either expand the pressure zone and replace the two tanks with one prestressed concrete tank and new pump station OR to maintain the existing pressure zone and replace both standpipes and pump station. Based on lowest cost, improved water quality and operations, staff recommended: expanding the pressure zone and replacing the two tanks with one prestressed concrete tank and new pump station as well as issuing an RFP for a consultant to further develop the project. The estimated cost for the study is \$1.1 million, and Bangor Water has applied for SRF monies to help with funding. If SRF monies are not available staff will pursue a general resolution loan through the Maine Municipal Bond Bank. After questions and discussion, it was upon motion being made and duly seconded, unanimously  
VOTED: to approve issuance of an RFP based on staff recommendation.

**Emergency Tabletop Exercise:** Moriarty said Bangor Water's tabletop emergency exercise was held on Jan. 15 with 70 attendees from 37 different agencies. The group learned about each other's functions and resources, and a meeting was scheduled for Jan. 22 on follow-up items and actions.

**Workforce planning:** Moriarty noted applications for the District Engineer position had closed and that a position of treatment plant operator was currently being advertised. In addition, one of the heavy equipment operators had given notice and the position would first be posted in-house.

#### **IV. New Business:**

**Thomas Hill Maintenance and Repair:** Moriarty updated the Board on repairs performed to the casing of a cell antenna on the flag pole which had been snagging the rope for the flag. She also noted that painting of the wooden shroud is scheduled within the next few years; it was last painted in 2013 at a cost of \$160,000 which included power washing and extensive repairs. The historic nature of the structure does not allow for vinyl shingles.

**Founding Fathers Preservation and Stewardship Award:** Moriarty said Bangor Water would receive the award on Feb. 29 from the Bangor Historical Society as an organization whose stewardship has helped preserve significant Bangor properties (Thomas Hill Standpipe).

**Financial audit questionnaire:** Moriarty distributed the annual questionnaire from Bangor Water's auditor regarding fraud control, and asked the Board members to return them directly to the auditing firm as usual.

**Annual meeting:** Moriarty reminded Board members that the annual meeting for selection of officers will be held at the meeting in February. Trustee Wellington will not be in attendance.

**Board correspondence:** as distributed.

**Other Business:** None.

Hearing no further business to come before the meeting, it was upon motion being made and duly seconded,

VOTED: to adjourn at 5:20 p.m.

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Dan Wellington, clerk

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Ralph Foss

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Patty Hamilton

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John Hwalek

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Gerry Palmer

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Robert Sypitkowski

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Michael Timpson