



BOARD OF WATER COMMISSIONERS

Cotuit Fire District

Water Department

4300 FALMOUTH ROAD, P. O. BOX 451

COTUIT, MASS. 02635

11/15/2017

The monthly meeting of the Board of Water Commissioners was held at Freedom Hall at 6:00 p.m. Chairman Don Campbell, Commissioner Vic Mastro and Commissioner Tom Hoppensteadt were present as was Superintendent Chris Wiseman.

The meeting was called to order at 6:00 p.m. and opened to public comment. Carol Zais asked about the RFP process for the Rate Survey and if it could be handled "in-house". Chairman Campbell responded that the study appropriated by the Prudential Committee was more than just a rate study, it was a full cost of services study which required the assistance of a third-party provider.

The minutes of the October regular meeting and the November 1st workshop reviewed and approved, and the warrants were also reviewed and signed.

Superintendent Wiseman gave the water quality report, noting that all routine coliform samples were clear, and that MTBE testing was due to be done this quarter.

Mr. Wiseman then went on to give the Superintendent's report.

Monthly Pumpage Results is as follows:

	<u>2017</u>	<u>2016</u>	<u>+/-</u>
October	13,895,000	17,493,000	-3,598,000

There were no new or replacement services installed in October.

Mr. Wiseman informed the board that he had received an email from the engineering firm that represents Mr. Creedon. The surveying is not yet complete, but certified that the shed does not contain anything that would be harmful to the water supply. No progress has yet been made on marking the northside boundary and we need to obtain pricing from a surveyor to complete this project.

David Foster, restoration specialist, noted that the plantings will be done in the wellfield prior to Thanksgiving.

Phil Benjamin, Forrester, is still inquiring to see if the grant money from the forestry stewardship program can be used to reinvest some of the value (in existing plantings) from one parcel of land to another, north and south of Route 28, which would help both parcels continue to thrive.

Mr. Wiseman reviewed an account for a resident at Cotuit Bay Condo's where the meter registered 100,000 gallons more than normal usage. This is a seasonal residence where the water service is shut down for 7+ months out of the year. We had sent the meter out to be tested and are monitoring usage on an hourly basis for the coming year to determine if there is a leak. The resident is disputing her 2016 excess use bill and the commissioners decided to hold off on making a decision until the results of this year's hourly monitoring are in.

Lastly, the commissioners approved the Superintendents request to close the Water Department office on Friday, November 24th with all staff being on call for emergencies.

Russ Kleekamp and Dustin Sudluck from GHD gave a joint presentation with Patrick O'Neale from Tata & Howard regarding the SCADA/Security System and Chemical Safety Upgrades. They reviewed the differences in the PLC equipment (Allen Bradley vs. Modicon) and believe they have come up with a solution to move forward with both projects. There are several limitations with the current PLC's, one being that they are old and discontinued (not supported, and two, they are missing an output module to control the flow pace of the chemical feed pump. They have changed the design aspects at the stations so that they will not go through the PLC, which is not ideal, but will meet the needs of DEP for basic level monitoring. Leak detection, excursion of chlorine residual, Ph monitoring and one additional alarm (to be used for the flow pace) can be wired to the existing PLC, to the radio system, and to the computer in the office as it is today. Full monitoring could and should be completed with new PLCs are purchased and upgraded pending additional funding from the district.

They reviewed several reasons supporting the PLC upgrade including the elimination of recurring costs for the surveillance system if the equipment is purchased outright. The only cost would be for damaged equipment or equipment that has reached the end of its life-cycle. They recommend budgeting for 1 uninstalled contingency camera to replace one that may become damaged. Our current software, computer and operating system is vulnerable (not supported). Hardware should be replaced every 5 years and the software should be replaced every 10 years.

The PLC lifecycle is 20 years and the CWD PLC has exceeded its useful life. Some models will require a bigger physical space at each station and could require a new enclosure. Both Allen Bradley and Modicon are globally present, well supported, and have the same expected lifecycle. Model selection is a matter of preference, cost and support provider.

Tata & Howard noted that the specification documents are ready to go to DEP for review and they are ready to go out to bid in December with a goal for the upgrades to be complete before the summer volume increase.

Mr. Kleekamp noted that the Cape Cod Commission will be hosting a public hearing at Freedom Hall on November 21st at 5pm to discuss the proposed cell tower.

And lastly, Mr. Kleekamp noted that there has been some progress with the T-Mobile payment to Biszko and that we should be able to close out the Tank Construction Project in the next month or so.

Chairman Campbell presented the cost of service study RFP as prepared by Mike Daley. Mr. Wiseman will distribute electronic copies of the RFP to the board members for their review. The RFP came with a list of suggested vendors for distribution. Patrick O'Neale from T&H noted that the RFP as read was missing some critical elements for consideration and these were noted by the chairman.

It was also noted by Chairman Campbell and Superintendent Wiseman that the CWD was approached by Phyllis Miller regarding the 671 Main Street "sales & leasing" sign as leasing is in contrast with the original agreement with the developer. Commissioner Campbell referred this to Councilor Rapp-Grassetti and Charlie McLaughlin of the Building

Commission as it is the responsibility of the Town of Barnstable to ensure adherence to the contract agreement.

Commissioner Campbell also noted that Ray Pirrone, Treasurer had approached him about a new computer system being explored by the fire department and the prudential committee and wanted to know if the CWD would be interested. They agreed to have Chief Rhude set up a meeting with Superintendent Wiseman to review and evaluate and see if it is something that could improve our network.

The next regular meeting of the board was set for Wednesday, December 13th at 6:00 p.m. at Freedom Hall, immediately following the position description workshop scheduled for 5:00pm.

The meeting adjourned at 7:25 p.m.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Donald Campbell".

Donald Campbell, Chairman