



TOWN OF HALIFAX, MASSACHUSETTS BOARD OF WATER COMMISSIONERS

500 PLYMOUTH STREET
HALIFAX, MASSACHUSETTS 02338
TELEPHONE 781/293-1733
FAX 781/293-1776

MEETING MINUTES February 26, 2019

7:00 p.m. Donald Bosworth made a motion to open the meeting.
Seconded by Daniel Bosworth

Motion Passes

Present: Richard Clark, Chairman
Daniel O. Bosworth, Jr., Clerk
Donald A. Bosworth, Member
Keith Swanson, Superintendent
Kathleen O'Neil, Administrative Assistant

Also Sandra Nolan, Town Accountant
Present: Cesar Calouro, IT Tech
Patrick O'Neale, Tata & Howard

Water Lease Revenue

Sandy Nolan stated that beginning next fiscal year (FY21) the Water Department will have to evenly split their lease revenue with the town. This is because the department recently paid off their outstanding bond. Sandy recapped that the Water Department receives about \$75,000 annually from antenna leases on the water tower. Beginning July 1st, the department can expect to retain about \$35,000 of this revenue. The Commission agreed.

Security Camera System

Cesar Calouro would like to upgrade the security camera system in town. The existing cameras are located in the bell tower at Town Hall, two at Richmond Park and two at the Y Camp. The new high-definition cameras will cost about \$1,000 each. There is no need to put this out to bid.

Donny Bosworth wants to make sure that these new cameras will easily identify any person and/or vehicle. Dick asked who will monitor the cameras. Cesar said dispatch will see it and it will be available on the Cloud which can be viewed on our iPads, smartphones or PCs. Cesar has not discussed this with dispatch yet. It will cost about \$760 per year for monitoring, storage and insurance.

Security Camera System

Donny asked how long the cameras will be up-to-date. Cesar said ten years. All outdoor cameras are warrantied. Keith asked if the rest of the town will get in on this. Cesar said he is working with the head of Building Maintenance about eventually installing a centralized system. Cesar estimates that the installation will cost about \$1,500.

Cesar said Gerry Fitzgerald has offered to install the cameras. Dick asked if we can opt to add additional cameras. Cesar said yes. Pat O'Neale asked how they connect. Cesar said to SSLVPN then compressed and encrypted through the internet.

Sandy asked if an article for cameras will be submitted. Keith feels that there is enough in retained earnings to fund these items if needed without an article. Dick said we should use our supply account funds.

Keith asked Cesar if cost to water if they monitor. Cesar said no. Sandy Nolan said this should be run past Charlie and the dispatch center.

A Motion was made by Donald Bosworth to purchase and install cameras as discussed; expenditures are not to exceed \$10,000. Second by Daniel Bosworth. All in favor.

Note: Cesar Coluro left the building

Water Plant Assessments

Patrick O'Neale of Tata & Howard presented his assessment of the two town water plants. He has inspected all the facilities and equipment. He found that iron and manganese are starting to be a potential issue. There is so much iron in the water that gets flocked and settles which may be the reason for the uptick in brown water calls.

Pat said Richmond Park is doing its job. The hydroxide bulk storage tank is in bad shape though. Keith is very concerned that the tank will burst during a delivery which would spark a hazmat issue. Pat recommends installing two 1,000 gallon tanks which would (he hopes) fit through the existing door. Not all the chemical feeds meet today's standards. Dick asked if the potassium hydroxide could be stored outside. Pat said yes. Keith said we don't use potassium hydroxide any longer.

Pat said there is a lot of original equipment in the plant that needs to be replaced. The roof is in very bad shape and needs to be replaced. The electrical at station 2 needs to be upgraded. Dick said if roof needs to be repaired and replaced then we should remove and replace tank at same time and as soon as possible. Pat said the building should be taken care of before any contents are replaced.

Eventually the controls will need to be replaced along with the valves and air system on the A panel. This work is a lesser priority. All electrical components need to be replaced. It would be a good idea to do these two jobs together.

Water Plant Assessments

Keith asked Pat about the possibility of pumping 600 gallons per minute. Pat said the cost to move and connect a well would be about \$200,000 for one. #2 well would be a little more.

Pat presented drawing 5.2 as an option to redesign plant. He thinks an article should be submitted to bring the plant up to Chapter 6 standards. Sandy Nolan said the Water Department can do a general article that says, "replace roof and chemical feed at Richmond Park." Pat said he can get us an estimate by next week. Sandy says we have \$900,000 in capital/retained earnings. Sandy will provide an exact amount by next meeting.

Pat stated that solving the discharge permit issue should be a priority. Keith said he's more concerned with the sodium hydroxide tank at Y Camp vs. Richmond Park.

Maltz came in a few years ago and gave Keith an estimate to install two 900-gallon tanks to replace the existing single tank at Y Camp. They said it's an accident waiting to happen if it doesn't get replaced. Keith wants to submit an article for this now. The estimate was for \$12,000 without the roof replacement. Pat said its safe to estimate \$60 per square foot for the roof.

Priorities per Pat after chemical feed issues are: 1. Process controls and valves; 2. Electrical system and 3. Sludge handling and permitting.

Pat says our five-year capital plan needs to include a filtration plant at Y Camp for an estimated 8 million. Keith Swanson would like to include a garage and office at Y Camp to get the Water Department out of the Highway Barn.

Meeting Minutes

Donald Bosworth made a motion to approve the meeting minutes from December 11, 2018, as written.
Second by Richard Clark. *Motion Passes*

Adjournment

9:15 p.m. Daniel Bosworth made a motion to adjourn.
Seconded by Donald Bosworth

Voted Unanimously

Approved,



NOTE: NEXT MEETING DATE IS MARCH 12, 2019