



# TOWN OF HALIFAX, MASSACHUSETTS BOARD OF WATER COMMISSIONERS

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## MEETING MINUTES October 12, 2021

5:00 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 Bosworth  
Bill Lindsay, Superintendent  
Kathleen O'Neil, Administrative Assistant  
John Sullivan, Treatment Plant Operator  
Keith Badore, Heavy Equipment Operator

### Meeting Minutes

Donald Bosworth made a motion to approve the meeting minutes from September 7, 2021, as written.  
Second by Richard Clark.

*Motion Passes*

### Water Tank Cleaning

Bill informed the board that the agitator has been installed and seems to be working properly. A member of the staff, usually Sully, will check it every morning and again at end of day. Burt is going to look into seeing if we can interface the agitator into the SCADA system so we can easily tell if it is functioning properly.

### Pilot Study

Robert Sims from Tata & Howard was in attendance to present the results of the recent pilot study. Robert distributed an overview of topics he will discuss tonight (attached.) He began by saying that the results took longer than anticipated due to the labs being understaffed. The results offer three options to reduce the chlorine output into the lagoons: 1. Use Permanganate only. 2. Use a combo of Permanganate and Chlorine. 3. Use Chlorine only.

Robert recommends using chlorine only but reducing the amount going in and post chlorinating. Then begin a new backwash schedule of all three wells in the same cycle. Bill said that they tried this method back in August before the tank was cleaned and the manganese levels went through the roof. Staff is still trying to get the manganese level back to normal.

The green sand plus will require more frequent backwashing. Currently we are backwashing too often for the size of our lagoons. Dick asked if we could go back to the original green sand (not the "plus") with permanganate. Robert said he would look into it.

#### Pilot Study (continued)

Robert distributed a project timeline (attached) and addressed the board's concerns about the upgrade project not progressing fast enough. Sully informed Robert that the pilot study was only done on one well not two as Robert is claiming.

Robert stated that outside, pandemic related issues slowed everything down for about nine months. Tata & Howard are working to catch up and move the project along. Dick stated his frustration that our department received no regular updates from Tata & Howard during this time. Robert stated that he and other members of his staff were in touch with the former Water Superintendent, Keith Swanson on a regular basis. He stated it is possible the information was not forwarded on to the Commission.

#### On-Call System

Dick asked the staff to be present for tonight's meeting to review and accept the new on-call system as outlined in the union contract. David Hathaway could not be present due to a death in the family. Both Sully and Keith stated they accept the new system as outlined. Sully confirmed that David is aware and accepts the system as well. Bill confirmed to the board that Keith Badore can participate in this on-call system under Bill's water license.

Dick wants clarification if an on-call person receives a call that doesn't require him to leave home, do they receive a 3-hour call back wage. The consensus said no. All agreed that any time you must leave home, you get the 3-hour call back wage.

Once the system is put in place, each staff member will be required to be on call for one week then off for two weeks. Dick again asked the staff to verbally accept these conditions or speak to any concerns they have. Both agreed to the system as outlined in the contract.

Donald Bosworth made a motion to commence the on-call system at such time that the Water Superintendent feels is appropriate.

Second by Daniel Bosworth.

*Motion Passes*

#### Rules & Regulations

Dick will meet with Bill and Kathy to review his proposed changes to the existing Water Department's rules & regulations. Dick would like this topic placed on the next agenda.

#### ARPA Funds

Bill proposed requesting ARPA funds to cover unexpected costs associated with Phase 2 of the Treatment Plant Upgrade project. The Commissioners agreed.

#### Relocation

Dick has many concerns about parking the water department trucks outside overnight. He feels it would be impossible for an on-call person to answer a call within fifteen minutes, as the union contract states, if the truck is covered in snow and ice. Dick said that the Highway barn is a town building and we should have the right to park our vehicles in it. Dick also feels that big machinery and pumps should not be stored outside because it will cause damage to the equipment.

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Relocation (continued)

In addition, the Water Department will have to fund any revisions to the existing building at 500 Plymouth Street and any new structures to house the trucks. Dick feels that is an unfair burden for the Water Department alone.

He would like to send the Highway Surveyor, Steve Hayward a letter stating that the board voted to not move the water department trucks out of the highway barn. Dick said that Steve can come to a board meeting if he disagrees.

Status of New Truck

Bill stated that he has ordered the new truck. Delivery may take 12-16 weeks.

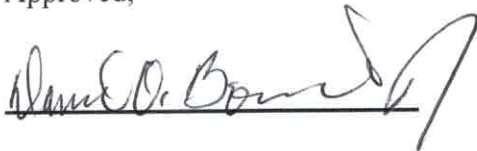
Adjournment

6:20 p.m. Donald Bosworth made a motion to adjourn.

Seconded by Daniel Bosworth

*Motion Passes*

Approved,

  
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**TOWN OF HALIFAX**  
**BOARD OF WATER COMMISSIONERS**  
**RICHMOND PARK TREATMENT PLANT**

Open discussion items for work at the Richmond Park Water Treatment Plant

- Update on Activity
- Pilot Results
- Update to EPA/DEP
- Original Design/Recommended changes
- Proposed changes to Contract
- Effects on current Timeline



**Richmond Park Water Treatment Plant Upgrades (T&H No. 6000)****Halifax, Massachusetts****Project Timeline and Projected Schedule**

<b><u>DATE</u></b>	<b><u>MILESTONE</u></b>
September 17, 2019	Agreement signed for Design of Upgrades to Richmond Park Water Treatment Plant and YMCA Camp Wells.
May 20, 2020	Submit 50% draft design documents to Town.
June 30, 2020	Town receives draft Administrative Consent Order (ACO) from the EPA requiring oxidant modification at the Richmond Park WTP to reduce chlorine residual in lagoon discharge. Final ACO received September 29, 2020.
November 10, 2020	T&H attends Water Commissioner's meeting to discuss need for pilot testing.
December 8, 2020	T&H attends Water Commissioner's meeting to continue discussion on need for pilot testing.
December 10, 2020	T&H submits engineering agreement to Town for Pilot Testing.
January 12, 2021	Water Commissioner's Meeting cancelled.
Before February 1, 2021	Well No. 2 taken out of service.
February 9, 2021	Town signs T&H engineering agreement for Pilot Testing
March 19, 2021	Secondary contaminant testing results received from laboratory for Richmond Park Well No. 1.
End of March 2021	Issues begin with wells delaying performance of Pilot Study. Well No. 2 out of service.
April 27, 2021	T&H Submits Pilot Test Proposal to DEP for approval.
May 17, 2021	DEP issues approval of Pilot Test Proposal
Beginning of June 2021	Well No. 2 cleared for service. Town performs cleaning of Well No. 1.
June 25, 2021	Well Nos. 1 and 2 ready for Pilot Study.
End of June 2021	Pilot Testing delayed due to availability of subconsultant (Blueleaf).
Week of August 2, 2021	Blueleaf begins Pilot Testing at Richmond Park WTP.
August 17, 2021	Draft summary of preliminary results of Pilot Test forwarded to Town.
September 20, 2021	Receive Pilot Test Report from Blueleaf
October 12, 2021	T&H Review of Pilot Test Report from Blueleaf complete
October 12, 2021	Meet with Water Commissioners on October 12, 2021 meeting to discuss Pilot Test Report and establish direction for design
October 26, 2021	Prepare Pilot Test Report (BRP WS 22 Application) to be submitted to MassDEP
December 7, 2021	Complete 90% draft design of WTP Upgrades
January 3, 2022	Submit Treatment Plant Modifications Permit Application (BRP WS 23) to MassDEP
January 24, 2022	Receive BRP WS 23 Permit Approval from MassDEP
February, 21, 2022	Complete Preparation of Final Design Documents
March 21, 2022	Bidding and Contract Award Period Ends, Construction Period begins
June 13, 2022	Construction Period Ends
June 20, 2022	WTP Upgrades complete and facility on-line