

CAMBRIDGE WATER BOARD

**MEETING MINUTES**

April 11, 2019

This meeting was called to order at 5:01 p.m. at 250 Fresh Pond Parkway, in Cambridge, Massachusetts. Those in attendance were:

**Cambridge Water Board (CWB):** Ann Roosevelt, Jason Marshall, Kathleen Kelly and James Burruss

**Cambridge Water Department (CWD):** Sam Corda, Fred Centanni, Jamie O'Connell, Ed Dowling, Mark Gallagher, Krystyna McNally and Richard Lagerholm.

**A. MINUTES OF MARCH 20, 2019 MEETING**

Mr. Burruss moved, and Ms. Kelly seconded the motion to approve the March 20, 2019 minutes as written.

**B. MANAGING DIRECTOR'S REPORT**

*Water Chemistry/Quality Information* – In slide format as presented by Ed Dowling, Director of Water Operations and Jamie O'Connell, Watershed Supervisor. The presentation is available using the following link.

[https://www.cambridgema.gov/~media/Files/waterdepartment/waterboardminutes/water\\_board\\_presentation\\_April\\_2019.pdf?la=en](https://www.cambridgema.gov/~media/Files/waterdepartment/waterboardminutes/water_board_presentation_April_2019.pdf?la=en)

The Cambridge Water System water chemistry/quality, like a fingerprint, has its own unique identity. This presentation was made to the Board to aid in better understanding the fundamentals of our water system from a water chemistry perspective and how it may affect our day-to-day lives.

There was discussion about water hardness and chlorides and how high temperature systems (i.e. heating boilers and hot water heaters, etc.) need to be designed for the Cambridge water chemistry and that these systems need to be properly designed and maintained, as specified by the product manufacturer. More information on these topics can be found from the following link to our water chemistry page.

<https://www.cambridgema.gov/Water/wateroperationsdivision/waterchemistryinformation>

A manufacturers technical service bulletin for a boiler was discussed as an example to show what water chemistry was required to maintain the warrantee.

Incoming or "raw" water was further discussed. Our raw water, Hobbs Brook Reservoir, Stony Brook Reservoir and Fresh Pond and their tributaries (Watershed) are designated by DEP as a Class A Public Water supply. This classification requires that we protect and maintain these reservoirs and tributaries.

In response to Ms. Kelley's question of where does the phosphorus come from? The answer was between 75-90% comes from storm water runoff.

It was noted that during the Unregulated Contaminate Monitoring Rule - Round 3 (UCMR3) testing, no PFOS or PFOA was detected. This group of chemical compounds are now called PFAS (Per- and Polyfluoroalkyl Substances).

### **C. OPERATIONS**

#### **Transmission and Distribution:**

It was explained that the water main work being done on Huron Avenue is a continuation of the planned DPW sewer separation work.

#### **Watershed:**

No comments

#### **Business:**

No comments

#### **Water Operations:**

No comments

#### **Engineering:**

No comments

### **D. ACTION ITEMS**

Ms. Kelly brought up the suggestion to revise the letter to the City Manager relating to the lighting of the DCR Greenway within the Pine Forest. After some discussion the revised letter was voted on as follows:

Mr. Marshall moved, and Mr. Burruss seconded the motion to approve the revised letter to the City Manager.

The revised letter will be forwarded to Mr. Corda who will formalize on Water Board stationary and send to the City Manager.

### **E. MISCELLANEOUS CORRESPONDENCE AND ITEMS OF INTEREST**

The letter written to the Weston Conservation Commission by Ms. O'Connell, relating to the 21 Center Street Parking Lot Rehabilitation Project, was complimented on by members of the Board.

It was noted that DCR Commissioner Roy was thanked for his quick response to adjusting the traffic crossing signal of Fresh Pond Parkway.

### **F. NEW BUSINESS**

None

### **G. NEXT MEETING DATES/TOPICS**

- May 14, 2019: Approved/Tour of Stony Brook Reservoir (Dam and Gatehouse)
- June 18, 2019: TBA/FY20 Budget
- September 10, 2019: TBA/TBD
- October 15, 2019: TBA/TBD
- November 12, 2019: TBA/TBD
- December 10, 2019: TBA/TBD

Ms. Roosevelt moved, and Ms. Kelly seconded the motion to adjourn the meeting at 6:29 p.m. The vote was unanimous in favor of the motion.

A-2