

CAMBRIDGE WATER BOARD

MEETING MINUTES

November 14, 2017

This meeting was called to order at 5:03 p.m. at 250 Fresh Pond Parkway, in Cambridge, Massachusetts. Those in attendance were:

Cambridge Water Board (CWB): Richard Johnson, Ann Roosevelt, Jason Marshall, Kathleen Kelly and Jim Burruss

Cambridge Water Department (CWD): Sam Corda, Fred Centanni, Tim MacDonald, Mark Gallagher, David Kaplan, Jamie O’Connell and Michelle O’Donnell

A. MINUTES OF OCTOBER 12, 2017 MEETING

The October minutes were discussed and it was reiterated that the discussion about the “Environmental Working Group” contaminant result comparisons should be added to the minutes. Therefore, the minutes will be revised and brought to the December Water Board meeting for approval.

B. MANAGING DIRECTOR’S REPORT

Source Water Protection Program: Jamie O’Connell, Watershed Supervisor, gave a power point presentation on Watershed Protection and Monitoring. The presentation can be found with the following link:

<http://www.cambridgema.gov/~media/Files/waterdepartment/waterboardminutes/waterboardlabpresentation111417.pdf?la=en>

It was noted that the USGS Gauging Stations and information generated from them was extremely helpful during the drought in 2015, 2016 and 2017. In addition, the periodic reports generated by the USGS have been very helpful to document the water quality and flow information from the Hobbs Brook and Stony Brook Reservoirs and their watersheds.

CIPP/Plastic Pipe Update:

- 1) Developing a scope of services to determine the condition of the 40” riveted steel force and supply line to and from Payson Park. This effort will involve the following:
 - a. Review the status and make recommendations for the Cathodic Protection System that was installed in 2001.
 - b. Perform sophisticated leak detection and “video” the internals of the 40” lines.
 - c. Utilizing the information from above to assess the pipe condition and determine the rehabilitation needs of the 40” riveted steel pipe (i.e. cement line, repair/cement line, replace sections/cement line, etc.).
 - d. Plan is to award by end of year (2017)
- 2) Establish a baseline of information for Cured-In-Place Pipe (CIPP) and plastic pipe
 - a. Review of existing studies, reports and information
 - b. NSF 61 test results/data
 - c. BPA/BPF test results/data
 - d. AWWA Water Research Foundation
 - e. Other water utilities such as the MWRA
- 3) Obtain approval to develop a “go-forward strategy” for analyzing the potential uses and potential effects of CIPP/Plastic Pipe
- 4) Develop the go-forward strategy (if approved)
 - a. The “go-forward strategy” is defined as a plan that will be developed as we compile information and learn about CIPP/Plastic pipe from items 1) and 2) above.

- b. The intent is for the Water Department to develop this plan utilizing input, review and feedback from the Cambridge Water Board and Cambridge Public Health Department.

C. OPERATIONS

Transmission and Distribution:

No Comments

Watershed:

104 Boston Post Road/Mill Complex: CWD, with the assistance of the law department, is continuing involvement with this development in our watershed to ensure that our water supply is properly protected.

Water Operations:

No comments

Business:

No Comments

Engineering:

No Comments

D. ACTION ITEMS

None

E. MISCELLANEOUS CORRESPONDENCE AND ITEMS OF INTEREST

It was asked how much salt and/or sand is used for deicing and how we might reduce salt levels in the reservoirs? The trend has moved to more salt than sand because sand creates sedimentation problems.

F. NEW BUSINESS

It was asked if it could be easier to find and/or get to the Water Board Minutes and Agendas on the Water Department webpage.

G. NEXT MEETING DATES/TOPICS

- December 12, 2017: Approved/Election of the President/ VFD Project Tour
- January 9, 2018: Approved/DCR Greenway
- February 13, 2018: Approved/Customer Service Module Project update
- March 13, 2018: TBA/TBD
- April 10, 2018: TBA/TBD
- May 8, 2018: TBA/TBD
- June 12, 2018: TBA/TBD

Mr. Burruss moved and Ms. Kelly seconded the motion to adjourn the meeting at 6:54 p.m. The vote was unanimous in favor of the motion.

Minutes approved by vote of the Board.