



Chelmsford Water District

20 Watershed Lane Chelmsford MA 01824

www.chelmsfordwater.com

Minutes

Work Session

Wednesday, January 25, 2023

Present: Commissioners: John G. Harrington, Bill Martin, Ron Wetmore
Superintendent: Andrew Reid
Business Director/Treasurer: Lisa Quatrala
Environmental Compliance Manager: Todd Melanson
Consultant: Robert Delaney
Recording Secretary: Michaela Thompson
AECOM: Stephen DeFrancesco, P.E.
Chris Curran, P.E.
Bill Clunie, P.E. (via Remote)
Rhonda Pogodzienski, P.E. (via Remote)

Meeting was opened at 1:00 p.m. with the Pledge of Allegiance.

Steve DeFrancesco, P.E. presented the Board of Water Commissioners with an agenda, a packet entitled "Chelmsford Water District Update" dated January 25, 2023 and a "Summary of Estimated Construction Cost". He presented four different PFAS Removal Technologies: Granular Activated Carbon (GAC), Novel Adsorbent (NA), Ion-Exchange and Reverse Osmosis. He gave an overview of the technologies, including the pros and cons of each. Mr. DeFrancesco then went over options for design flow and number of PFAS treatment plants. Options included: 1) PFAS treatment only at the Crooked Springs WTP, 2) a centralized PFAS treatment at Crooked Springs for all three water treatment plants and 3) PFAS treatment at each water treatment plant. Maps of the district were provided for each option which showed the existing main, a proposed new transmission main and the location of the PFAS water treatment plant(s). Discussion ensued and it ended with a 4th option proposed: PFAS treatment at both facilities; Crooked Spring WTP and Riverneck WTP with water piped from the Smith Street WTP to Crooked Spring for PFAS treatment.

Commissioner Martin stated that a comprehensive plan is needed for the entire District, as it can't treat half the water for half the residents and then charge all the customers for that treatment. Commissioners Wetmore and Harrington were in agreement.

Estimated costs ranged for the different options ranged from \$10mil - \$28mil. The cost did not include the engineering costs of design, construction resident inspector and engineering. Ms. Quatrala asked Mr. DeFrancesco if they could add those costs into their calculations when they present the next round of numbers to the Board. She then asked Mr. DeFrancesco, since bonding will be involved, which option would cost the District more going forward. He responded by saying that all the options are similar with ongoing costs.

Commissioners

Bill Martin, Chairman
Ronald W. Wetmore
John G. Harrington

Operations

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Discussion continued around the various types of government funding and grant options available and the timing of applying for such.

The meeting was adjourned at 3:45 p.m. on a motion by Mr. Harrington. The motion was seconded by Mr. Wetmore. The Commissioners voted as follows: Mr. Harrington, Aye, and Mr. Martin, Aye, Mr. Wetmore, Aye. The motion to adjourn was unanimously approved.

Michaela Thompson
Recording Secretary

Commissioners

Bill Martin, Chairman
Ronald W. Wetmore
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