

Duxbury Board of Health Order

In accordance with the statutory authority granted to the Board of Health pursuant to G.L. c. 111, § 122, to protect the public health and safety, the Board of Health hereby issues the following order to the Town of Duxbury:

Town of Duxbury Drinking Water PFAS Response Action Plan

The Town of Duxbury (the “Town”) shall develop a PFAS Response Action Plan. The objective of the PFAS Response Action Plan (the “Objective”) is to eliminate public exposure to PFAS chemicals by reducing PFAS concentrations to the extent possible in drinking water, thereby reducing potential serious PFAS-attributable illnesses in Duxbury residents. The Town of Duxbury shall implement a whole-of-government approach to achieve this Objective.

The Board of Health hereby appoints the Duxbury Water Superintendent as the “PFAS Project Manager” and to delegate Town staff to develop and implement a town-wide Drinking Water PFAS Response Action Plan and to seek funding for necessary infrastructure. The Duxbury Water Superintendent shall work with the advice of the Board of Health, the Water and Sewer Advisory Board, the Department of Public Works Superintendent, the Finance Committee, the Selectboard, and any other Town administrators and/or entities as appropriate and shall report back monthly to each of these identified boards, committees, administrators, and entities, as well as to the Selectboard, on progress to achieve the Objective.

Associated actions to achieve the Objective include:

- 1) Ensuring that all twelve (12) town wells are tested for PFAS on a quarterly basis in accord with established testing protocol, and that test results are provided to the Selectboard and to each of the above-identified boards, committees, administrators, and entities; and
- 2) The Water and Sewer Advisory Board will engage a qualified consultant who shall, within six (6) months of the date of this policy directive:
 - a) evaluate the Duxbury public water system in terms of water quality, hydraulics, and overall condition of existing facilities;
 - b) prepare planning treatment system designs and planning level cost estimates of anticipated capital improvements, including treatment infrastructure and treatment operation and maintenance costs over the next five (5) years; and

c) update Duxbury's existing hydraulic model, if required, and evaluate system performance in terms of meeting existing and future demands and water quality requirements through treatment or source management; and

- 3) A Request for Quote ("RFQ") will be developed for construction of the designed system(s) and distributed to qualified contractors; and
- 4) The Town, in consultation with the Water and Sewer Advisory Board, will proactively identify potential sources of funding and fully staff Town departments to achieve the Objective. The Massachusetts Department of Environmental Protection State Revolving Fund ("SRF") and Asset Management Grant programs should be considered as potential funding sources. (Applications for these programs are due August 2023.) The Water and Sewer Advisory Board will engage a consultant to prepare a dynamic Water Rate Model. This model will be used for water rate forecasting as a means for future capital plan implementation.

Time is of the essence to complete and implement this Drinking Water PFAS Response Action Plan to protect the public health; newly proposed federal PFAS drinking water standards will likely result in significant cost increases due to high demand for PFAS treatment systems.

PROPOSED