

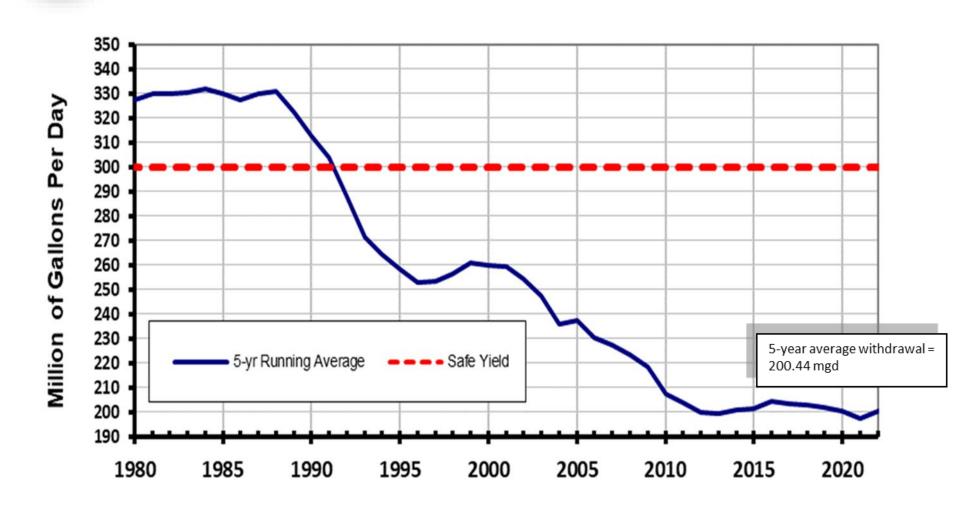
## **Massachusetts Water Resources Authority**

# Update on MWRA's System Expansion Efforts

October 18, 2023

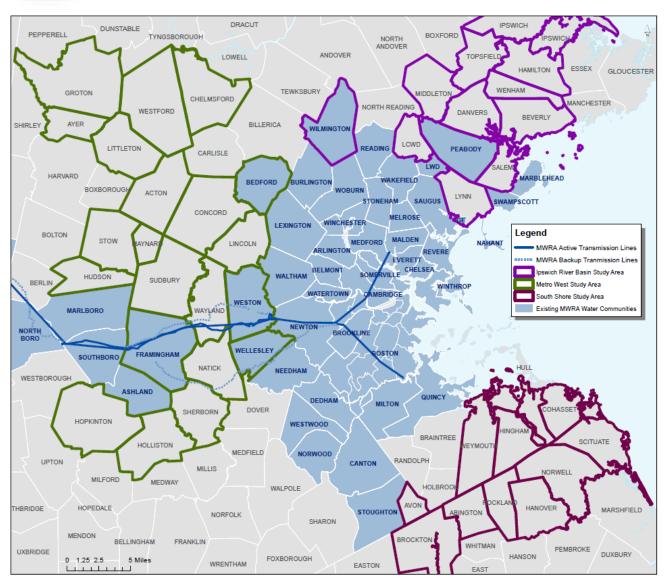


#### **Reservoir Withdrawals from 1980 to 2022**





### **MWRA System Expansion Feasibility Study Areas**



- Ipswich River Basin (12 Communities)
- South Shore (10 Communities)
- Metro West (21 Communities)



### **Status of Recent Inquiries**

- Partially Supplied Communities Considering Increasing Supply
  - Wellesley
  - Wilmington
- Communities have Received Approval to Pursue Admission from Governing Body
  - Hopkinton
  - Lynnfield Center Water District (currently undergoing MEPA review)
  - Natick
  - Wayland
- Various Stages in Decision-Making Process
  - Avon
  - Billerica
  - Hingham
  - North Sherborn Water and Wastewater District (proposed)
  - Select MetroWest Communities
  - Walpole
  - Weymouth/Former Naval Air Station



#### **Next Steps: Shaft L Connection**

- Connection Options for potential expansion to the North and South
  - Existing Distribution Mains
  - Stub at Shaft 7D
- Connection Options in MetroWest are limited with minimal capacity
  - New Connection at Shaft L



Figure 1. Existing Configuration of Shaft L

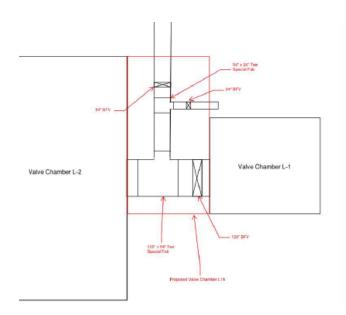


Figure 2. Conceptual new Connection at Shaft L