

# EXECUTIVE DIRECTOR'S REPORT

January 14<sup>th</sup>, 2021

1. **Readings** – Completed eight sets of readings in 2020. Overall levels have recovered due to an increase in last quarter of the year.
2. **Virtual Meetings and Calls**–
  - Zoomed with BPDA and City agencies for GCOD amendments and discussed anticipated timeline for those amendments. (11/24)
  - Attended the Back Bay Association Annual Meeting via Zoom. (12/2)
  - Participated as a panelist in City Council Zoom Webinar relating to water & sewer infrastructure. (12/14)
  - Zoomed with Engineering & Development teams for an update on the 40 Trinity Project in the Back Bay. (12/15)
  - Zoomed with co-chair's Mitchell & Saunders and Trustee Whitney to discuss Trust leadership evolution. (12/15)
  - Zoomed with Engineering & Development teams for an update on the 7 Beaver Place Project in Lower Beacon Hill. (12/15)
  - Zoomed with Environment Commissioner Carl Spector to discuss the City's FY22 budget proposal. (12/16)
  - Spoke with John Braught, director of operations at Old South Church, to discuss water levels and the church's on-site observation wells. (12/17)
  - Spoke with Dolores Boogdian, Audubon Circle Neighborhood Association (ACNA), to discuss the BGwT proposed GCOD revisions. (12/17)
  - Attended and testified at Zoning Board of Appeals WebEx hearings in November & December.
  - Communicated with residents, engineers, & developers throughout the GCOD to discuss ZBA procedures and advised them on what they need to submit to meet the GCOD zoning.
3. **BWSC** – An update on the following:
  - In the South End pipes and laterals at Clarendon & Gray Streets will be repaired as part of Capital Improvement Projects. Two manholes at Warren & Clarendon Streets were relined and groundwater levels in the area are at all-time highs. A 12" pipe will be replaced hopefully by early 2021 under emergency repair in the Dartmouth & Montgomery Streets area. In addition, one manhole in this area has also been relined but groundwater levels have not responded. Investigations along Tremont Street, from the West Canton to Herald Street corridor are ongoing.
  - In the North End additional CCTV inspections in Richmond & Commercial Streets revealed leaking joints. Repairs are slated under the Capital Improvement Project with the timeline to be determined.



- In Lower Beacon Hill a leaking manhole at Brimmer and Beacon Streets was relined at the beginning of October, but groundwater levels have not responded. BWSC will go back and reinspect.
  - In the Back Bay, a deep sewer on Berkeley Street, between Beacon & Back Street, revealed leaks at the crown (top) of the pipe which is at approximately El. 5', where current groundwater levels have been measured. Additional inspections and repairs are scheduled.
- 4. BluCloud Remote Monitoring Solution** –A new, custom device from their partner company has been connected and making successful readings in the BluCloud platform. Additional in-house testing of that singular device was successful. New units are being manufactured. Once received, those units will be deployed in some of our wells to test signal strength and operational viability.
- 5. MBTA** - Approximately 44.3 gpm is being injected into recharge wells in the South End Ellis Neighborhood area along Appleton, Berkeley, Saint Charles, Cazenove, and Clarendon Streets. In addition to our manual monitoring we have 4 wells in the area with dataloggers recording a water level every 60 min.
- The MBTA has committed to continue funding the current recharge well solution for the next 10 years.
  - In an effort to conserve water and limit operational costs, flow rates are slowly being reduced.
- 6. DCR** – Dataloggers are installed in 3 wells to monitor the levels along the Storrow Drive tunnel pump station groundwater recharge system.
- Storrow Drive Tunnel Pump Station, recharge galleys, and flood control pumps operating normally with no anomalies.
  - The DCR will be putting in a new fence and repairing the seawall which runs adjacent to Storrow Drive in the Clarendon Street to Massachusetts Avenue section.

