

EXECUTIVE DIRECTOR'S REPORT

May 12th, 2022

1. **Readings** - Completed our second set of readings of 2022 and revamp of our data collection methods for readings. Started our third set of readings last week.
2. **Meetings and Calls** -
 - Virtually participated in the 10th Annual Massachusetts Water Forum: Making the Invisible Visible (3/24)
 - Wrote comment letter for 80 East Berkeley Street Project in the South End. (3/28)
 - Microsoft Teams met with representatives from Environmental Systems Research Institute (ESRI) for working sessions and knowledge transfer for map upgrade. (3/31, 4/5, 4/14, 4/22, & 4/28)
 - Along with co-chairs Saunders and Whitney I Google met with the City's Environment Chief Mariama White-Hammond and Environment Commissioner Dr. Alison Brizius. (4/6)
 - Microsoft Teams met with representatives from Vicinity Energy and Nitsch Engineering to prep for meeting with Mass DEP for recharging steam condensate in areas of the GCOD. (4/19)
 - Wrote comment letter for 415 Newbury Street Project in the Back Bay. (4/20)
 - Microsoft Teams met with representatives from Vicinity Energy, Nitsch Engineering, and Mass DEP to discuss the potential for recharging steam condensate in areas of the GCOD. (4/21)
 - Zoomed with all members of the City-State Groundwater Working Group. (4/21)
Agency updates are below.
 - Zoomed the groundwater issue to the Tiger Home Inspection, Inc. 2022 seminar. (4/26)
 - Google met with BluCloud representatives to discuss the performance of 5 remote sensing units that are deployed. See update below. (4/28)
 - Attended scoping session via Zoom for the Stanhope Hotel Project in the Back Bay. (5/2)
 - Attended the impact advisory group meeting via Zoom for the Stanhope Hotel Project in the Back Bay. (5/3)
 - Attended the BWSC commission April meeting via Zoom. (5/6)
 - Testified via Zoom Zoning Board of Appeals hearings in March, April & May.
 - Communicated with residents, engineers, attorneys, & developers throughout the GCOD to discuss ZBA procedures and advised them on what they need to submit to meet the GCOD zoning.



3. **BluCloud Remote Monitoring Solution** - The 5 new units have been transmitting readings daily since the beginning of March. The plan moving forward is evaluate the performance of these units over the next six months.
4. **BWSC** - An update on the following:
 - BWSC is in the process of designing repairs to address the spots where groundwater infiltration has been observed in the North End, Back Bay, and the South End.
 - In Lower Beacon Hill, investigations continue at Brimmer and Beacon Streets. Catch basins were cleaned and no signs of infiltration were observed.
 - Back Bay
 - The contract has been awarded and construction is set for this Spring to repair a deep CSO on Fairfield Street, in the Beacon -Back Street block.
 - At Exeter and Boylston Street, a low spot is still being investigated where seepage was observed in an adjacent manhole. Additional video investigations showed no additional signs in other infrastructure. Investigations continue.
 - Low area along Beacon St., Fairfield-Hereford St. blocks, is scheduled to be televised this Spring.
 - Repairs for the Blagden Street sewer and laterals are currently in design phase.
 - In the South End, investigations at a low spot along Harrison Avenue, in the East Concord Street – Worcester Square blocks, revealed groundwater infiltration in an adjacent manhole.
 - In the Fenway a low area along Hemenway Street was investigated and a 24” drain line in alley 807 revealed minor infiltration. Waiting on additional video from contractor to review.
5. **MBTA** - Approximately 37gpm 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. MBTA and their consultant will review the viability of reducing flow in some of the systems in effort to maintain operational costs.
6. **DCR** - Storrow Drive Tunnel Pump Station, recharge galleys, and flood control pumps working without any issues.
7. **MWRA** - Continue working with BWSC on sewer separation and CSO improvements in East Boston.
8. **DOT** - Cleaning and lining of the Prudential tunnel eastbound stormwater drainage system is scheduled to occur this Spring. Plan to inspect infrastructure in the vicinity of the former 1000 Boylston St. project in the Back Bay/Fenway.

