

# EXECUTIVE DIRECTOR'S REPORT

March 17<sup>th</sup>, 2022

1. **Readings** - Completed our first set of readings of 2022. In the process of overhauling our data collection methods for all observation well readings. Expect to be up and running this week.
2. **Meetings and Calls** -
  - Microsoft Teams met with representatives from Environmental Systems Research Institute (ESRI) for working sessions on map upgrade. (1/20, 1/27, 2/3, 2/10, 2/17, 2/24, 3/1, & 3/11)
  - Presented the groundwater issue to the IQHQ company, life sciences real estate development firm. (1/26)
  - Spoke with BluCloud representatives on relaunching of 5 remote sensing units. (1/26)
  - Zoomed with all members of the City-State Groundwater Working Group. (1/27) Agency updates are below.
  - Microsoft Teams met with the development team for 220 Huntington Avenue to review the GCOD requirements for the project. (1/28)
  - Virtually attended scoping session (1/31) and wrote a comment letter (2/8) for 51 Melcher Street Project located in the Fort Point Neighborhood.
  - Microsoft Teams met with project Engineer for 51 Melcher Street project to discuss groundwater levels in the vicinity of the site. (2/2)
  - Virtually attended scoping session for 415 Newbury Street Project located in the Back Bay. (2/4)
  - Virtually attended scoping session for Longwood Place (305 Brookline Avenue) located in the Fenway. (2/4)
  - Microsoft Teams met with representatives from ESRI and BWSC to discuss adding BWSC's rainfall data on the Trust website. (2/8)
  - Google met with Jaclyn Munson, Assistant Corporation Counsel, to discuss the City's legal representation of the Trust. (2/10)
  - Zoomed with development team for 415 Newbury Street to review the GCOD requirements for the project. (2/10)
  - Virtually attended (2/11) the 41 Berkeley Street Project (located in the South End) follow-up meeting and provided comments (3/8).
  - Virtually attended the public meeting for Cross Street Boutique Hotel Project in the North End. (2/16)
  - Microsoft Teams met with representatives from Vicinity Energy and Nitsch Engineering to discuss progress made exploring water sustainability programs that may assist with groundwater recharge area of the GCOD. (2/22)



- Had a follow-up call with Jaclyn Munson, Assistant Corporation Counsel, to discuss the City's legal representation of the Trust. (2/25)
  - Virtually attended the public meeting for 415 Newbury Street Project in the Back Bay. (3/2)
  - Microsoft Teams met with representatives from Vicinity Energy, Nitsch Engineering, and John Sullivan, Chief Engineer BWSC, to discuss the potential of implementing water sustainability programs that may assist with groundwater recharge in areas of the GCOD. (3/4)
  - Virtually attended scoping session for Fenway Corners Project located in the Fenway. (3/8)
  - Zoomed with Iris Tan, Marketing and Development Director at the Fenway CDC, about organizing the 2022 Groundwater Forum. (3/10)
  - Met with Councilor Kenzie Bok to discuss the 2022 Groundwater Forum. (3/10)
  - Testified via Zoom Zoning Board of Appeals hearings in January and February.
  - 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 updated and redeployed. So far, so good.
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 so far, has shown no signs of infiltration since most pipes in this area were lined in 2017. Some additional video still needs to be reviewed.
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.
  6. **DCR** - Storrow Drive Tunnel Pump Station, recharge galleys, and flood control pumps working without any issues. Two lockouts during heavy rain events.
  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.

