

EXECUTIVE DIRECTOR'S REPORT

November 18th, 2021

1. Readings – Started our sixth and final set of readings for 2021.

2. Meetings and Calls–

- Met with Trustee Mitchell and Manu Sharma of Gradient Corp to review observation well readings and remote readings pilot project. (9/15)
- Met with Rick Smith, Donald Silvia, Michael McDevitt of Vicinity Energy, and Jack Harrington of New Boston Strategies to discuss exploring water sustainability programs where the company may assist with groundwater recharge. (10/7)
- Microsoft Teams met with Manu Sharma and Matthew Mayo of Gradient Corp to review map upgrade proposal. (10/7)
- Microsoft Teams met with Jared Walsh of Bohler Engineering to review 40 Channel Street project and GCOD requirements. (10/14)
- Microsoft Teams met with Christopher Tracy, Andrew Paven of O'Neill & Associates and Brian Sweeney of Haley and Aldrich to review the proposed project at 415 Newbury Street. (10/19)
- Presented via Zoom to the Beacon Hill Seminar Class of Inundated: Greater Boston's Water Challenges. (10/20)
- Attended via Zoom, Keys to Investigating Existing Foundation Conditions hosted by Simpson, Gumphertz and Heger. (10/22)
- Attended scoping session via Zoom (10/25) wrote a comment letter (10/26) for the 775 Huntington Avenue Project in Mission Hill.
- Zoomed with Sanjay Seth, Climate Resilience Program Manager and Nicholas Moreno, Executive Director, Boston Conservation Commission to discuss the Trust and the possibility of being ex-officio Trustees. (10/27)
- Zoomed with all members of the City-State Groundwater Working Group. (10/28) Agency updates are below.
- Met with Trust co-chairs Gary Saunders and Robert Whitney for my annual review. (10/28)
- Zoomed with Bob Mulcahy and Eric DiTommaso from Friends of the Public Garden to review their ESRI map training. (11/2)
- Zoomed with members of our Technical Advisory Committee to review latest groundwater levels and revisions to the GCOD zoning. (11/3)
- Microsoft Teams met with Matthew Mayo of Gradient Corp to review the parameters for a map upgrade proposal. (11/10)
- Testified via WebEx Zoning Board of Appeals hearings in September, October, & November.



- 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** – 5 new units have been deployed with mixed results. 3 of 5 are working and transmitting data. 2 worked at the start but have not been functioning since the middle of October.
 - 4. BWSC** – An update on the following:
 - BWSC is in the process of distributing bids to address the spots where groundwater infiltration has been observed in East Boston, North End, Back Bay, South End, and the Fenway.
 - In Lower Beacon Hill, investigations continue at Brimmer and Beacon Streets where catch basins need to be cleaned. Once cleaned the laterals will be televised.
 - 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.
 - Also in the Back Bay, at Exeter and Boylston Street, a low spot is being investigated with groundwater infiltration already observed in an adjacent manhole during initial investigations.
 - In the South End, a low spot along Harrison Avenue, in the East Concord Street – Worcester Square blocks, is being investigated.
 - 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.
 - The 37gpm is down from the 48gpm I reported in September. This is the result of an effort to conserve water and limit operational costs by slowly reducing the flow rates.
 - 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.
 - 7. Vacation** – I'll be away Thanksgiving and Christmas week.

