

EXECUTIVE DIRECTOR'S REPORT

November 12th, 2020

1. Readings – Wrapping our seventh set of readings for 2020. Overall levels have recovered due to an increase in rainfall in the month of October.

2. Virtual Meetings and Calls–

- Zoomed with BPDA and City agencies for the South End project located at 41 Berkeley Street (Benjamin Franklin Institute) scoping session. (9/28)
 - i. Followed up on a Zoom with Related Beal project team to review GCOD compliance for the project. (10/13)
 - ii. Attended Impact Advisory Group (IAG) Zoom meeting. (10/19)
- Attended BWSC's Projected Inundation Modeling Zoom meeting. (9/30)
- Zoomed with Abigail Chatfield, Project Manager, Boston Parks and Recreation Department, to discuss groundwater and Copley Square Renovations. (9/30)
- Attended a WebEx for Boards and Commissions Virtual Training Session Part I. (10/1)
- Zoomed with BPDA and City agencies for the Audubon Circle project located 819 Beacon Street scoping session (10/2) and wrote a comment letter (10/16).
- Zoomed with BPDA and City agencies for the Fenway Simmons University Institutional Master Plan (IMP) (10/5) and wrote a comment letter (10/14).
- Spoke with Ethan Lenz, Foley & Lardner, LLP, to review Trust insurance coverage. (10/5)
- Zoomed with co-chair Tim Mitchell and members of NABB to discuss Amicus Brief filing. (10/6)
- Attended the Century 21 Cityside Back Bay office Zoom sales meeting and led off with a presentation on our efforts. (10/13)
- Attended WebEx for Boards and Commissions Virtual Training Session Part II. (10/13)
- Along with Giuliana Zelada-Tumialan and Steve Keppel of Simpson, Gumpertz, & Heger (SGH) I participated in a virtual presentation to all SGH offices and discussed our role in monitoring groundwater. (10/15)
- Attended BPDA Board meeting. (10/15)
- Attended ISD Workshop for Building, Permitting, Plans & Zoning and Board of Appeals Divisions. (10/16)
- At the request of Councilor Edwards, I presented to the City Council and provided an update on our efforts & reviewed our proposed changes to Article 32. (10/21)
- Spoke with Manuel Esquivel, BPDA Senior Infrastructure and Energy Planner, to review Article 32 and the BPDA Smart Utilities Policy. (10/28)
- Attended Climate Ready Boston Report Release for Coastal Resilience Solutions for Downtown, the North End and Dorchester. (10/29)



- Followed up with Ethan Lenz, Foley & Lardner, LLP, to review Trust insurance coverage. (10/30)
 - Attended and testified at Zoning Board of Appeals WebEx hearings in September and October.
 - 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 have come up slightly. A 12” pipe will be replaced hopefully by the end of 2020 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 in the South End have started.
 - In the North End additional CCTV inspections in Richmond & Commercial Streets revealed leaking joints. Repairs slated for a 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 their BluCloud platform. Additional in house testing is being conducted over the next few weeks and if all goes well, they will deploy a new test unit in one 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.
7. **MWRA** – CCTV inspections indicated infiltration at the intersection of Bremen and Porter streets in East Boston. MWRA is working with BWSC on a design to replace the regulator at this intersection where low groundwater levels have been observed.
8. **DOT** – Cleaning and lining of the Prudential tunnel eastbound stormwater drainage system; two 18” and 30” lines is underway. Camera and cleaning scheduled for Nov 8th & 9th, with subsequent pipe lining in early December.

