

## **EXECUTIVE DIRECTOR'S REPORT**

### **September 5<sup>th</sup>, 2019**

- 1. Readings** – Started our sixth set of readings of the year.
- 2. Meetings/Presentations** –
  - Attended webinar on Property Value in an Era of Climate Change. (7/18)
  - Met with members of the Boston Water & Sewer Commission (BWSC) to review all locations of low groundwater levels throughout our monitoring area. (7/24)
  - Met with members of the City's Climate Action team to discuss their coastal resilience planning process for Downtown Boston. (7/31)
  - Along with representatives from Boston Water & Sewer Commission (BWSC) and Inspectional Services Department (ISD) I conducted Back Bay site visits of 426 Stuart Street and 154 Berkeley Street (8/6) and 370-382 Stuart Street, 200 Berkeley Street, and 197 Clarendon Street (8/8).
  - Attended scoping session for the South End 566 Columbus Avenue project. (8/13)
  - Spoke & met with residents, engineer, & developers throughout the GCOD to discuss ZBA procedures and advised them on what they need to provide us to meet the zoning.
- 3. BluCloud** – Our automated readings project has hit a bit of a technical snag. A new Board is being designed to fix a signal strength issue that has popped up. The new Boards will be deployed in one well early next week and tested for a period of two weeks. If all goes well these Boards will be deployed in all 5 wells we have selected to install these automated units.
- 4. MBTA** - Approximately 42.1 gpm is being injected into recharge wells in the South End Ellis Neighborhood area along Appleton, Berkeley, Saint Charles, Cazenove, and Clarendon Street. 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 and have assured me that funding will be provided beyond the 10 years if this current solution is still in place.
  - In an effort to conserve water and limit operational costs, flow rates are slowly being reduced.
- 5. DCR** – Dataloggers are installed in 3 wells to monitor the levels along the Storrow Drive tunnel pump station groundwater recharge system remain in their usual range. The DCR and their consultants continue to work with the DOT on traffic studies in support of a redesign effort for the underpass. Recharge will be part of that redesign and is targeted for upgrade.

6. **BWSC** – An update on the following:
  - In the South End areas of infiltration were discovered. BWSC to follow-up with additional inspections and plan for repairs.
  - In the North End, at the corner of Richmond and Commercial Streets, infiltration has been discovered at two manholes. BWSC is inspecting additional infrastructure and the manholes are scheduled to be repaired soon.
  - Stuart Street area of the Back Bay between Berkeley and Dartmouth Streets were televised and indicated voids and infiltration. One sewer was repaired in mid-June but no change has been observed in the groundwater levels. BWSC to follow-up with additional inspections and repairs of pipes and manholes in this area.
  - On Blagden Street in the Back Bay infiltration was observed in infrastructure. BWSC has filed change work order to current construction contract for point repairs of lines and grouting of laterals.
  - In the Fenway, at Boylston and Kilmarnock Streets, infiltration was observed. BWSC to has filed change work order to current construction contract to push up the repair.
7. **MWRA** –Along with BWSC, infrastructure was investigated along Maverick Street, between Frankfort and Gove streets and at the intersection of Breman and Porter streets in East Boston.
8. **MassDOT** - Dry weather inspections of the Pru Tunnel sub-surface stormwater drainage system, which runs parallel along the Turnpike & terminates at the prudential garage, indicated infiltration. Remainder of pipe cleared and inspected. Repairs scheduled for this Fall.
9. **Website** – Traffic on the website remains steady. We continue to average 100 visits/day and around 250 page views/day.
10. **Vacation** – I'll be away from the office from September 24<sup>th</sup> through October 11<sup>th</sup>.