

EXECUTIVE DIRECTOR'S REPORT

April 28th, 2015

1. **City-State Groundwater Working Group** – The Working Group met on April 23rd. Reports from individual agencies are described below.
2. **MBTA** – Approximately 52.2 gpm is being injected into recharge wells in the area. In addition to our manual monitoring we have 4 wells in the area with dataloggers recording a water level every 60 min. Levels in the Appleton & Tremont Street area are lower than what was projected. The T is looking into why levels are not higher and will report back to us.
3. **BWSC** – BWSC performed periodic checks and implemented electro scanning to investigate the cause of low groundwater levels near the corner of Commercial and Richmond Streets in the North End. Neither indicated anything significant. They will continue to investigate. Due the heavy Snow this past winter inspections were delayed on Clarendon St. in the South End by Gray St. BWSC will conduct video and dye tests to see if any points of infiltration are present and will report back to us. BWSC continues their investigation in Alley 430 and will be issuing a letter to all interested parties to provide an update on their efforts.
4. **MassDOT** – MassDOT was unable to get out and inspect the drainage line over on Huntington Ave. by the Prudential building due to weather. MassDOT will attempt to measure flow in pipe during dry weather using a new low flow device. Previous investigations in the line revealed some leakage in the ceiling of the Prudential tunnel. MassDOT has attempted to coordinate with the Simon property group but has been unsuccessful. MassDOT will continue to try to coordinate with them.
5. **DCR** – DCR indicated that both recharge pumps are performing as designed. DCR will coordinate with BWSC to inspect the Back Street recharge galleys and will update us on their condition.
6. **MWRA** – The MWRA has no major projects in the City of Boston at this time. We have been receiving reports as permits have been applied for dewatering. This is helpful to us if we see a sudden drop in an area that we cannot explain. This additional notification will be yet another piece to the puzzle in assisting us in identifying groundwater level trends.
7. **Veolia Energy** – Veolia is looking at 3 potential locations where steam discharge can be reintroduced as groundwater recharge. The BPL is one location they are focusing on. Veolia submitted data to DEP on discharge content and are waiting to hear back from DEP on where they stand. A handful of potential locations were selected and Veolia and they continue to look at the feasibility of these locations.
8. **Exeter St/Huntington Ave Area** – Although still low, levels in this area have rebounded significantly. A nearby underpinning project may have had an effect on levels in the nearby wells since last April. We have three dataloggers in the area and will keep these in place until the nearby underpinning work has been completed.