

TECHNICAL & RECHARGE COORDINATOR'S UPDATE
BGwT Meeting: September 20th, 2012

TECHNICAL COORDINATOR DUTIES

WELL MONITORING

Our well network was most recently read from Monday July 9th - August 20th.

We began a new set of readings on Thursday August 23rd and should be wrapping this set up by the beginning of next week.

DATA LOGGERS

Solinst Units (uploaded on weekly basis)

I have deployed the Barologger and 4 of the Dataloggers in wells over in the North End.

Commercial Street

- 1 at the corner of Richmond and Commercial Street
- 1 on Commercial Street in front of 145 Commercial Street

I have also deployed 3 Dataloggers in wells over on Exeter Street; between Boylston Street and Huntington Avenue to monitor groundwater levels during the construction of the Avalon Exeter Residences (75-77 Exeter Street).

I upload the following loggers on a monthly basis:

Alignment Loggers

- 1 at the corner of Richmond and Commercial Street
- 1 on Commercial Street in front of 145 Commercial Street
- 1 in front of 106 Commercial Street
- 1 in front of 88 Commercial Street

I have also deployed 3 Dataloggers in wells over on Exeter Street; between Boylston Street and Huntington Avenue to monitor groundwater levels during the construction of the Avalon Exeter Residences (75-77 Exeter Street).

I upload the following loggers on a monthly basis:

Alignment Loggers

- 1 Adjacent to the alignment, at the rear of 95 Berkeley St.

- 1 Between Turnpike Crash Wall and the Railroad alignment, underneath the Berkeley St. Bridge
- 1 Between Turnpike Crash Wall and the Railroad alignment, underneath the Clarendon Street Bridge, between Columbus Avenue and Stanhope Street (CURRENTLY NOT FUNCTIONING)
- 1 Between Turnpike Crash Wall and the Railroad alignment, underneath the Columbus Ave. Bridge, between Berkeley and Clarendon Streets
- 1 Between Turnpike Crash Wall and the Railroad alignment, underneath the Arlington St. Bridge (REPLACED AND RESTARTED ON 8/14/12 BY GZA)

In-Situ Units

16 of our 21 In-Situ Dataloggers are deployed throughout the west zone. I upload the following loggers on a weekly basis:

Storrow Drive

- 4 from Embankment Rd. - Clarendon St.
- Levels in all four of these wells are over elev. 4'

Dartmouth Street

- 8 from Beacon St. - Commonwealth Ave.
- We will keep these loggers in place until BWSC has relined the sewer and the levels in this area come back up

Ellis Neighborhood

- 1 at the corner of Berkley & Chandler St.
- 1 on Saint Charles St.
- 2 on Cazenove St.

Meetings

Elliott & I met with the new Executive Director of the Beacon Hill Civic Association, Mary Lee Halpin. Ms. Halpin would us to make a presentation to the Association updating them on the Trust's efforts sometime this Fall.

Elliott & I met with the Technical Advisory Committee. We reviewed hot spots, well and logger data, ways to confirm well functionality, and future potential well locations.

RECHARGE COORDINATOR DUTIES

- Continued to look at potential configurations to capture runoff from sidewalks before it hits the street.
- Spoke with residents about the installation of different types of recharge systems that can be installed.
- Continued to write comment letter drafts on past projects and review them with Elliott.
- Using ArcMAP GIS software to try to develop a new way to look at well data.