

**TECHNICAL & RECHARGE
COORDINATOR'S UPDATE
BGwT Meeting: May 24th, 2012**

TECHNICAL COORDINATOR DUTIES

WELL MONITORING

Our well network was most recently read from Wednesday April 18th - May 21st. We will begin a new set of readings next week after Memorial Day.

DATA LOGGERS

Solinst Units

We received our 25 Dataloggers and 1 Barologger from Solinst Canada, Ltd. I have deployed the Barologger and 2 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 upload the following loggers on a weekly 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

Coordinated efforts between the BGwT, GZA, MBTA, and CSX allowed GZA to gain access to these wells listed below and replace defective dataloggers with new units. GZA verified the wells operability and inserted the new loggers. I was responsible for setting up the instruments from the roadway access boxes. The access boxes (which had their locks vandalized and removed) were replaced with new locks by GZA and copies of keys were provided to the BGwT.

- 1 Between Turnpike Crash Wall and the Railroad alignment, underneath the Clarendon Street Bridge, between Columbus Avenue and Stanhope Street
- 1 Between Turnpike Crash Wall and the Railroad alignment, underneath the Columbus Ave. Bridge, between Berkeley and Clarendon Streets

In addition GZA is coordinating with the MBTA & Amtrak to gain access to the 1 well Between the Turnpike Crash Wall and the Railroad alignment, underneath the Berkeley St. Bridge and the 1 well Between Turnpike Crash Wall and the Railroad alignment, underneath the Arlington St. Bridge.

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.
- BWSC has made repairs to the leaky manhole and additional repairs to sewer lines are scheduled for early spring 2012
- BWSC continues to inject water at a rate of 8 gpm
- We will keep these loggers in place until the repairs have been made and the levels in this area come back up to where they were

Ellis Neighborhood

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

RECHARGE COORDINATOR DUTIES

- Elliott & I met with William Eagan and David Mallen from DPW to discuss infiltration ideas for the Marlborough Street sidewalk reconstruction in the Berkeley - Clarendon St block.
- Elliott & I met with Larry Hayes of Hayes and Associates to discuss GCOD cases in the Back Bay and the South End.
- Elliott & I attended the Pilot Block Neighborhood Association Spring Meeting. Elliott provided the association with an update on the efforts of the BGwT and I helped answer some questions from the audience.
- Attended the first community meeting for proposed drainage and pathway improvements to Boston Common, the Public Garden and Commonwealth Avenue Mall. I provided comments on the installation of permeable surfaces and other water harvesting structures that could possibly be installed in these areas.
- Continued to write comment letter drafts on past projects and review them with Elliott.
- Continued work on a Recharge presentation that can be made to the public which illustrates different types of recharge and the benefits to the homeowner. I am scheduled to present this at the July 18, 2012 NABB board meeting.

- Attended the Metropolitan Area Planning Council & Boston Hazard Mitigation Collaboration Infrastructure Focus Group Meeting. Worked with members of the BWSC, DCR, and MWRA to discuss developing protocol for response to hazards and natural disasters.
- Conducted phone interview with reporter Mich Cardin of the Boston Courant and commented on the benefits of Recharge Wells in the South End.