

**TECHNICAL & RECHARGE
COORDINATOR'S UPDATE
BGwT Meeting: November 17, 2011**

WELL MONITORING

Our well network was last read from September 28th - November 2nd. We started new set of readings on Friday November 4th.

WELL READER

I will be taking over reading the well network beginning in January 2012. In discussions with Elliott I felt that I will be able to incorporate this into my weekly tasks. Elliott and I will see how it goes and make any adjustments to this new protocol going forward.

DATA LOGGERS

16 of our 23 of our data loggers are deployed throughout the west zone. I upload the following loggers on a weekly basis:

Storrow Drive

- 5 from Embankment Rd. - Clarendon St.
- Levels in these well are the highest they been since 2001 when we started monitoring them
- All 5 wells are now sitting above elev. 4' for the first time ever

Dartmouth Street

- 8 from Beacon St. - Commonwealth Ave.
- BWSC has made repairs to the leaky manhole and ceased injecting water.
- We will keep these loggers in place and see if the levels come up. So far they're holding and have not dropped back.

Ellis Neighborhood

- 1 on Saint Charles St. and 2 on Cazenove St.
- The flow in the Cazenove Street Recharge Wells was cut back from just over 8GPM to around 6 GPM by GZA. One of the two (2) recharge wells in Cazenove St. was overflowing.
- GZA is the MBTA's selected contractor for the long-term solution in Ellis Neighborhood

MISCELLANEOUS

- Elliott & I met with Anthony Urbano of GZA and field members of the MBTA to access the Recharge Wells on Cazenove St. Mr. Urbano had the MBTA open the manhole to access the controls for the two (2) Recharge Wells. Mr. Urbano cut back the flow (as previously mentioned in the data logger section). The Recharge Well is no longer overflowing since the rate of flow was reduced.
- Elliott & I met with the members of the Technical Advisory Committee. We reviewed a number of items and had them provide some feedback for the upcoming release of the City's Groundwater Brochure.
- Elliott & I met with John Kastrinos of Haley & Aldrich. John had asked us to join him in a presentation he is giving at Haley & Aldrich and update the company on the Trust's efforts. Elliott and I will be presenting on Tuesday November, 29th.
- Elliott & I met with the consultant from Emmanuel College. We reviewed and commented on the proposed groundwater recharge system.
- Reviewed additional locations of proposed tree infiltration pits Westland Ave., Burbank St., Berkeley St., Charles St., Huntington Ave., Havre St., Paris, St., and Chelsea St.
- Started working on a Recharge presentation that can be made to the public which illustrates different types of recharge and the benefits to the homeowner
- Met with Elliott to discuss potential research projects