

TECHNICAL & RECHARGE COORDINATOR'S UPDATE

BGwT Meeting: September 16th, 2010

WELL MONITORING

The BGwT's latest set of readings are indicated below.
Wells were read from Aug. 6th – Sep. 1st, 2010

There are currently 719 wells in the West network. Of the 719 wells read:

- 46 wells @ elevation >9'
- 105 wells @ elevation 7'-9'
- 329 wells @ elevation 5'-7'
- 200 wells @ elevation 3'-5'
- 20 wells @ elevation <3'
- 0 wells @ Dry
- 19 wells @ no reading
- 94 Recharge Locations

We have read 84 wells in the East network (East Boston Area). Wells were read in East Boston on Aug. 4th & 6th, 2010. Of the 84 wells read:

- 21 wells @ elevation >9'
- 23 wells @ elevation 7'-9'
- 13 wells @ elevation 5'-7'
- 10 wells @ elevation 3'-5'
- 7 wells @ elevation <3'
- 10 wells @ Dry
- 0 wells @ no reading

NOTE: We are continuously reading the well network and started a new set of readings on Sunday September 5th, 2010 with our returning co-op employee Robert Tully from Wentworth Institute of Technology.

LEVELLOGGERS

- We continue to upload dataloggers at the following locations on a weekly basis:
 - 1 on Saint Charles St. and 2 on Cazenove St.
 - 5 along the Storrow Drive Underpass from Embankment Rd. Clarendon St.
- 4 loggers have been placed in wells in Back Bay closest to the alleys that BWSC are replacing lines and installing recharge systems
- Additional loggers have been placed in the Fenway, South End, and Back Bay
- 3 loggers have also been added on Plympton, East Brookline, and East Concord Street's in the South End New Market area. BWSC is currently investigating complaints by businesses and residents in the area of possible tidal influence flooding. Faulty tide gates appear to be the culprit so far in the investigation.

CONTOURS

- We continue to generate contours for all areas of our well network. Elliott and I have reviewed them with our technical committee.
- We will continue to receive the contours from BWSC and will be sending them our contours for comparison.

RECHARGE

- Have begun to look at different types of recharge systems that could be installed in the city. Tanks, point source, trenches, pipe, etc.
- Using Google Earth Pro to map and integrate the city's greenspace in our own database. Working to add it into our CAD and GIS maps.