

<p style="text-align: center;">TECHNICAL COORDINATOR'S WELL MONITORING UPDATE BGwT Meeting: September 27, 2007</p>

WELL MONITORING

The BGwT's latest set of readings are indicated below.

There are currently 709 wells in the West network. Wells were read between August 27 – September 20, 2007. Of the 709 wells read:

- 132 wells @ elevation >7'
- 291 wells @ elevation 5'- 7'
- 206 wells @ elevation 3'-5'
- 54 wells @ elevation <3'
- 6 wells @ Dry
- 20 wells @ no reading

We have read 89 wells in the East network (East Boston Area). Wells were read in East Boston on August 23 & 24, 2007. Of the 89 wells read:

- 43 wells @ elevation >7'
- 15 wells @ elevation 5'- 7'
- 8 wells @ elevation 3'-5'
- 9 wells @ elevation <3'
- 14 wells @ Dry

NOTE: We are continuously reading the well network.

Map Interface Update

We have updated our map to illustrate wells in the network that are dry. Dry wells are designated in black.

LEVELLOGGERS

- Group 6 dataloggers were uploaded in June and are now on the website.
- Group 7 dataloggers were installed in June and uploaded in September. All data is on the website.
- As per agreement with GEI Consultants Inc., loggers (there are a total of 5) installed in and around Cazenove St. continue to be uploaded once a week and sent to GEI Consultants Inc. The purpose is to observe the water levels in the area where the recharge systems have been installed.
- 4 dataloggers have been installed on Beacon St., in the Berkeley to Clarendon St. block. This area (historically) shows a wide range of high and low elevations. We are looking for any trends that may explain this.
- 3 dataloggers have been installed in the North End around Fulton and Commercial streets. We have inherited a well from CA/T in public Alley No. 101 which is at elevation 7.2'. The levels in this area range from elevation 5.6' to 9.4'. Again, we are looking for any trends that may help explain the wide range of elevations over a short distance.

ISD REASEARCH

- We continue to look for any underpinned buildings. Data continues to be scarce up to this point.

PURGEING

- Wells continue to be purged to verify their operability
- Wells not meeting a certain criteria will tabbed for replacement or flushing depending on the results
- These wells are the original wells that formed that foundation of our network. All were installed by various developers at different times. Some are also from the WPA study.
- Our last major purging effort was in 1999 and 2000

New Co-op

- Cao Le from Wentworth Institute of Technology began his co-op in August. Mr. Le's duties are split between reading wells and assisting Professor Lambrechts with his alternative to underpinning research project.