

# TECHNICAL COORDINATOR'S WELL MONITORING UPDATE BGwT Meeting: July 30, 2009

## WELL MONITORING

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

There are currently 722 wells in the West network. Wells were read between May 15 – June 19, 2009. Of the 722 wells read:

- 49 wells @ elevation >9'
- 102 wells @ elevation 7'-9'
- 301 wells @ elevation 5'- 7'
- 204 wells @ elevation 3'-5'
- 38 wells @ elevation <3'
- 1 wells @ Dry
- 27 wells @ no reading

We have read 85 wells in the East network (East Boston Area). Wells were read in East Boston on May 12, 13, & 15, 2009. Of the 85 wells read:

- 23 wells @ elevation >9'
- 20 wells @ elevation 7'-9'
- 12 wells @ elevation 5'- 7'
- 10 wells @ elevation 3'-5'
- 12 wells @ elevation <3'
- 6 wells @ Dry
- 2 wells @ no reading

NOTE: We are continuously reading the well network and started a new set of readings on Tuesday June 26, 2009.

## PART-TIMER

- I have re-hired Xavier D'Ambrosio, from Wentworth Institute of Technology for the fall semester. Xavier will be on co-op this semester and will be splitting his duties between the BGwT (15 hrs.) and Professor Lambrechts (10 hrs.) to full fill his 25 hr. requirement.

## LEVELLOGGERS

- We continue to upload dataloggers at the following locations on a weekly basis:
  - 1 on and around Saint Charles St. and 2 on Cazenove Street
  - 5 on Beacon St., in the Berkeley to Clarendon St. block
- 12 dataloggers have also been installed in the Back Bay, South End, and the Fenway
- The MBTA has agreed to send me down on their tracks with a couple of their flagmen for me to access the OW's adjacent to the alignment. I'm in contact with Terrence McCarthy of the MBTA and hope to gain access within the next couple of weeks.

## 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.

## ISD RESEARCH

- We continue to look for building permits and any underpinned buildings.
- I have completed all of Back Bay and Lower Beacon Hill. I am now working on the Fenway.