

# TECHNICAL COORDINATOR'S WELL MONITORING UPDATE BGwT Meeting: May 14, 2007

## WELL MONITORING

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

There are currently 702 wells in the West network. Wells were read between April 14 – May 11, 2007. Of the 702 wells read:

- 252 wells @ elevation >7'
- 274 wells @ elevation 5'- 7'
- 131 wells @ elevation 3'-5'
- 32 wells @ elevation <3'
- 13 wells @ no reading

We have read 89 wells in the East network (East Boston Area). Wells were read in East Boston on April 10 & 13, 2007. Of the 89 wells read:

- 48 wells @ elevation >7'
- 14 wells @ elevation 5'- 7'
- 8 wells @ elevation 3'-5'
- 14 wells @ elevation <3'
- 5 wells @ no reading

NOTE: We are continuously reading the well network.

## LEVELLOGGERS

- Group 6 dataloggers have been installed. Data is scheduled to be uploaded in June.
- As per agreement with GEI Consultants Inc., loggers (there are a total of 4) 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.

## ISD RESEARCH

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

## PURGEING

- Approximately 230 wells in our network will be purged over the next 4-5 months to verify their operability
- Wells not meeting a certain criteria will be tabbed for replacement or flushing depending on the results
- These wells are the original wells that formed the 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