

# TECHNICAL & RECHARGE COORDINATOR'S UPDATE BGwT Meeting: November 18<sup>th</sup>, 2010

## WELL MONITORING

The BGwT's latest set of readings are indicated below.  
Wells were read from Oct. 5<sup>th</sup> – 22<sup>nd</sup>, 2010

There are currently 720 wells in the West network. Of the 720 wells read:

- 54 wells @ elevation >9'
- 120 wells @ elevation 7'-9'
- 320 wells @ elevation 5'-7'
- 188 wells @ elevation 3'-5'
- 25 wells @ elevation <3'
- 0 wells @ Dry
- 13 wells @ no reading
- 106 Recharge Locations

We have read 84 wells in the East network (East Boston Area). Wells were read in East Boston on Oct. 27<sup>th</sup> & 28<sup>th</sup>, 2010. Of the 84 wells read:

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

**NOTE:** We are continuously reading the well network and started a new set of readings on Wednesday October 27<sup>th</sup>, 2010 with our returning co-op employee Robert Tully from Wentworth Institute of Technology.

This will be Robert's last semester with us. I am currently reviewing Resumes for a replacement.

## **LEVELLOGGERS**

- We continue to upload dataloggers at the following locations on a weekly basis:
  - 1 on Saint Charles St. and 2 on Cazenove St.
  - 2 Adjacent to the Southwest Corridor Alignment on Berkeley St.
  - 5 along the Storrow Drive Underpass from Embankment Rd. Clarendon St.
  - 3 on Plympton, East Brookline, and East Concord Street's in the South End New Market area
- 4 loggers have been placed in wells in Back Bay closest to the alleys that BWSC has replaced lines and installed recharge systems
- Additional loggers have been placed in the Fenway, South End, and Back Bay. Data for these loggers were uploaded this week and will be reviewed by our Technical Committee at our next meeting in December.

## **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**

- Continue to look at different types of recharge systems that could be installed in the city. Tanks, point source, trenches, pipe, etc.
- Continue 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.
- Met with a resident of Back Bay and provided her with information on how she could improve recharging at her property.

## **MISCELLEANEOUS**

- Provided Public Works all of our well locations. This will help protect our network by showing the wells on the maps that are given to contractors showing utilities.
- Gave a presentation to Suffolk University students about the BGwT and how our observation wells are read.