

BOSTON GROUNDWATER TRUST (BGwT)
BOARD MEETING
September 20, 2006
Fensgate, 73 Hemenway Street

The meeting of the Board of Trustees of the Boston Groundwater Trust was called order at 4:05 pm in the Fensgate meeting room. The meeting notice was posted at City Hall in accordance with provision of the Commonwealth's Open Meeting Law.

Trustees in attendance, comprising a quorum, were:

Mr. Tim Mitchell, Neighborhood Association of the Back Bay
Mr. Peter Sherin, Greater Boston Chamber of Commerce
Mr. Jim Hunt, City of Boston
Ms. Nancy Grilk, Mayor's office
Mr. Bill Moy, Chinatown Neighborhood Council
Mr. Galen Gilbert, Fenway Community Development Corporation (CDC)

Also present were:

Elliott Laffer, BGwT Executive Director; Christian Simonelli, BGwT Technical Coordinator; Carl Nagy-Koechlin, Fenway Community Development Corporation, Jaclyn Trob, Beacon Hill Times, Emily Celano, North End Water Front Residents Association (NEWRA) Groundwater Working Group

Mr. Nagy-Koechlin introduced himself and provided a brief overview of his role with the Fenway CDC. He also discussed the history and the current role of the Fenway CDC.

1. Adoption of the minutes of the June 5, 2006 Meeting

Minutes were distributed to board members for review.

Trustee Hunt moved to adopt the minutes. Trustee Sherin seconded the motion.

Voted: To accept the minutes of the June 5, 2006.

2. Finance Report

Trustee Sherin reviewed the BGwT *Financial Report and reconciliation detail*. Discussion followed.

3. Retirement Savings Plan

Mr. Laffer discussed the implementation of the Simplified Employee Pension Plan (SEP- IRA) for BGwT employees. Trustee Mitchell noted that he and Trustee Saunders had considered administration of this pension plan for sometime. A full outline of the plan will be provided at the next meeting. Discussion followed. The board agreed to table this agenda item until next meeting.

4. Network Completion Ceremony

Mr. Laffer discussed the upcoming network completion ceremony. Discussion followed.

5. Reconstructed Sidewalks

Trustee Hunt updated the BGwT on where the city is in regards to reconstructed sidewalks. He noted the meeting between himself, Commissioner Casazza, Trustee Gilbert, and others. Trustee Hunt noted that Commissioner Casazza has since retired and been replaced by Denis Royer. Trustee Hunt indicated that he has been informing Mr. Royer about the groundwater issue and the importance of recharge. Trustee Hunt will ask Mr. Royer to look into opportunities to add recharge through sidewalks or other municipal property. Trustee Gilbert noted his appreciation to the city for moving forward with this issue. Discussion followed.

6. Groundwater Conservation Overlay District (GCOD)

Mr. Laffer updated the BGwT on the workings of GCOD. Discussion followed. Refer to the attached *Executive Director's Report: September 20, 2006*, for a summary of the meeting.

7. Executive Director's Report

BGwT Executive Director Mr. Elliott Laffer distributed his report and reviewed his activities since the last meeting. Discussion followed. Refer to the attached *Executive Director's Report: September 20, 2006*, for a complete list of all activities.

8. Technical Coordinator's Report

BGwT Technical Coordinator Mr. Christian Simonelli presented his activities of the past month. Discussion followed. Refer to the attached *Technical Coordinator's Well Monitoring & Installation Report BGwT Meeting: September 20, 2006* for a complete list of what was presented.

The meeting adjourned at 5:38 p.m.

NEXT MEETING: To be scheduled.

Notes submitted by Christian Simonelli, BGwT Technical Coordinator, on 09/21/06.

Respectfully submitted,



Secretary

EXECUTIVE DIRECTOR'S REPORT
September 20, 2006

1. **Ceremony** – The ceremonial reading of our final well commemorating the completion of the basic well network funded under the Environmental Bond Bill is scheduled for Tuesday, Sept. 27, at 10:00 AM, on Chandler Street near Dartmouth Street and Columbus Avenue. Mayor Menino, Speaker DiMasi, and Chief of Commonwealth Development Gottlieb have confirmed their attendance, as have Reps. Rushing and Walz and Councilor Ross. Congressman Capuano will attend if he is in Boston, and I expect that we will see other government officials as well. The ceremony will last about half an hour. Gary Saunders will speak for the Trust.
2. **Funding** – We have received a check from the City for the full amount committed to the Trust from the City budget for FY2007.
3. **Zoning** – The Zoning Board of Appeals has worked out a procedure in which they make sure that BWSC has confirmed that recharge requirements are properly met before issuance of any final zoning approvals for projects that trigger GCOD. There has been no effort yet to provide less than the GCOD mandated recharge (this would require a variance rather than a conditional use permit). The ZBA continues to look to the Trust for input on GCOD cases. The City continues to study the value of extending the GCOD into those areas in the North End, Fort Point Channel area, East Boston, and Charlestown that were designated for further study when the GCOD was adopted. A decision on extension is planned for later this year.
4. **BWSC** – Relining of the West Side Interceptor is almost complete. The Back Street sewer repair/reconstruction project should be the next one likely to have an impact in an area where we have concerns about low groundwater.
5. **DCR** – The Storrow Drive Tunnel project is moving more slowly than originally planned, apparently because of delays in compiling and analyzing traffic data, which has been pushed back a couple of months. At this point, it is unclear if this project will proceed before rehabilitation of the Longfellow Bridge takes place.
6. **MBTA** – The T has installed a new observation well on Chandler Street and has asked us to monitor several wells in the Back Bay Station area with data loggers. They also plan to manually read several of our other wells in the area at closer frequencies than we do. They hope to install their temporary recharge wells in October. There will be an update session on the project on Sept. 29.
7. **MTA** – MTA groundwater repairs have slipped somewhat as their focus has been on the tunnel ceiling repairs. The new leadership of the Authority hasn't yet focused on the problem. However, the MTA remains committed to the repairs and is scheduled to brief me on current status on Sept. 22.
8. **East Boston** – The area of low groundwater elevations around Porter Street has expanded slightly in our current readings, taken last week. We are still waiting to see a timetable from MWRA for the repairs that they need to do where two breaches were found in their line. We have also found a new area of very low groundwater along Maverick Street near Frankfort Street. This has appeared in our last two readings in a well that originally was around Elev 8 and has dropped over 8 feet. We don't yet have a potential cause pinpointed. Our new wells have also found an area of low groundwater near the Winthrop line; again, we have yet to isolate a potential cause.
9. **Well Installation** – We hoped to complete the well installation contract under the Environmental Bond Bill last week but ran into some unanticipated underground obstacles. We have four wells to go and expect to be done later this week.

10. **Website** – Traffic on the website declined during the summer, but remained at high levels historically. It has started to pick up in September. Working with our Technical Advisory Committed, I have just about completed a set of Frequently Asked Questions that I expect to send to Geoff for posting this week.
11. **City Council** – I briefed, separately, the two newest Councilors, Sam Yoon and Salvatore LaMattina, on the groundwater issue. Both were very interested and have expressed a desire to learn more.
12. **Boston Preservation Alliance** – On Sept. 16, I spoke on the groundwater issue at a conference in East Boston sponsored by the Boston Preservation Alliance. While attendance wasn't all that we might have hoped, those who were there were quite interested, and we had a good question and answer session after my presentation.
13. **Children's Museum** – I met with the Museum COO and the chief exhibit designer to discuss a potential groundwater related exhibit. There are possibilities to address the issue both inside the museum (they have an exhibit on how the city grew that could be a fit) and on the wharf. I expect to have more discussions in the fall.
14. **Potential Research Project** – I met at Northeastern University with the Chair of their Center for Subsurface Sensing and Imaging Systems and one of the other professors involved with the Center to discuss a potential project to develop technology to determine pile cut off elevations with less cost and disruption than is required to dig a test pit. They plan to do some preliminary investigation and get back with a proposal, if it seems feasible, to work with us on developing a system. If successful, this would allow us to better understand whether we should be aiming for different groundwater elevations in different neighborhoods. The technology would also allow property owners to more readily assess the level of concern they should have based on groundwater readings near their property.
15. **Press** – There are new articles from the Boston Courant and the South End News posted on our website.
16. **Comment Letters** – I filed comments on projects at Fort Point Channel and at Northeastern University; they are posted on the website. I expect to file comments later this month on the Jacob Wirth's Restaurant site and Apple Computer Store projects.
17. **501(c)3** – We received our final approval letter from the IRS.
18. **Build Boston** – Our proposal for a panel on groundwater at the conference has been accepted. We'll be on Thursday, Nov. 16, from 5:30-7:00PM. Our panel is scheduled to include Jim Hunt, Jim Lambrechts, Peter Nichols of the Beal Companies, and Rick Shaklik of the BRA. I'll be the moderator. I'm hopeful that the time will allow many locals to attend after work. We will be meeting soon to coordinate the presentations.

*TECHNICAL COORDINATOR'S
WELL MONITORING & INSTALLATION
UPDATE
BGwT Meeting: September 20, 2006*

WELL MONITORING

We are in the process of reading our 797 well network.

We have read 88 wells in the East Boston Area. Wells were read in East Boston on September 14, 2006. Of the 88 wells read:

- 37 wells @ elevation >7'
- 14 wells @ elevation 5'- 7'
- 9 wells @ elevation 3'-5'
- 17 wells @ elevation <3'
- 11 wells @ no reading

INSTALLATIONS

- 180 Contract resumed on 4/26/06.
- 133 of the 137 remaining wells have been installed as 9/12/06.

LEVELOGGERS

Group 3 well data was uploaded and posted on the website.
Group 4 dataloggers have been installed.