

WAYLAND WELLHEAD PROTECTION COMMITTEE

MEETING MINUTES (#96 by L. Segal)

May 12, 2011

Attendance: Sherre Greenbaum, Jennifer Riley, Tom Sciacca, Linda Segal, Kurt Trampusch
Location: Small hearing room #2, 41 Cochituate Rd., Wayland, MA

Meeting convened at 9:05 a.m.

Water Superintendent's Report: M. Hatch not able to attend due to wastewater training class. Instead S. Greenbaum & J. Riley reported on observing May 10 BoPW meeting agenda item featuring Water Superintendent Hatch and wellhead protection. WPC provided M. Hatch with three draft sections of WPP on Monday which he greatly appreciated. DPW Director had unread copy. BoPW Chairman Mishara posed numerous questions, asking M. Hatch about wellhead protection role, value, etc. Asked about committee, M. Hatch reported attending WPC meetings as work schedule allows, agrees with what WPC has been doing. M. Lowery added that WPC's role includes implementing the plan. BoPW wants to see DEP Water Management Act Water Permit renewal and Water Conservation Standards before submitted. Tata & Howard has just started work on permit application due May 31. DEP will not like unaccounted-for water is up to 23%. DEP approved removal of second water tank on Reeves Hill. DPW to fence remaining 2 million gallon tank. BoPW suggested June 6 for presentation of the plan.

Wellhead Protection Plan: Is water metered for Baldwin plant discharges into pond during repairs, high school construction project? Contributing to "lost" water? Discussed DEP input re WPP. L. Segal will check with ConCom on DPW Director's thinking to sink new town water well on Cow Common to pump to Baldwin. Impact on Sentinel wells and Raytheon cleanup? Deliver hard copy WPP the week before to BoPW, DPW & others we invite to B. Young's June 6 presentation. Discussed what to include in a shorter version to DEP: cover letter explaining that longer version exists (J. Riley to draft), intro section, PSOCs spreadsheet, management strategies for each well, all maps, appendices, resources, glossary of terms. Brainstormed other boards for outreach with strategies: Parks re cemeteries, L. Segal to speak with Health Director, S. Greenbaum to speak with Conservation, replaced PB reference with Surveyor, decided schools best done by networking with individual teachers. T. Sciacca explained difference between permitted and registered wells. Registered wells built before 1985 are grandfathered. Chamberlain built in 1991 (according to Tata & Howard Capital Plan doc) is permitted separately. Bacteria from beavers has been issue at Baldwin & Campbell.

Public Education: WPC decided not to ask BoPW for funding for UNH trainings. Reviewed Recreation summer bulletin: Beach Buddies offered weekdays in July and first week August. J. Riley to contact M. Hatch suggesting he select convenient dates for summer presentation to children (ages 3-6) about Wayland water. S. Greenbaum to check with M. DiNapoli to get WPC back on list for tax bill insert deadlines to issue WPC summer water conservation message. T. Sciacca reported getting positive feedback, e.g. Town Planner said some driveway sealants can shorten life of driveway surface.

Items needed for next meeting:

Everyone: provide feedback to chair as needed

J. Riley: draft letter re EPA funding, draft cover letter for WPP to DEP, contact M. Hatch re town beach education outreach, look into website options for large size files.
S. Greenbaum: meet with Conservation re strategies, other remaining questions, draft column for Crier announcing WPP delivered and presented, check with B. Young re June 6 date.
L. Segal: meet with BoH re strategies, find DEP beavers consent order, ask ConCom re possible new water well on their land to connect to Baldwin, find DEP Water Conservation document from M. Lowery, find out name of Nike condo association
K. Tramosch: info for listing items in Resources section (IEP, turf field docs)
T. Sciacca: review technical data as needed, Baldwin plant energy data from J. Moynihan

Next meeting: Wednesday, May 19, 2011 at 9 a.m.

Adjournment: S. Greenbaum motion, J. Riley second, voted 5-0. Adjourned at 12:15 p.m.

(Minutes voted approved May 19, 2011)

5/7/2011 updated draft sent to B. Young Discussed at May 12 meeting

WPP APPENDICES:

A - WPC Mission Statement
B - WPC Accomplishments
C - Gallons/day consumption chart since 2004
D - Master Plan Advisory Committee Water Goals
E – Happy Hollow Wells sodium concentrations chart
F - MassDEP Drinking Water Regulations Zone I (excerpt – one page)
G - MassDEP Best Effort Requirement Zone II (excerpt – one page)
H – Watertown Dairy hazmat summary
I- Raytheon hazmat summary
J - Raytheon Sentinel Wells map
K - Danforth press release (excerpt – one page)

RESOURCES (listed alphabetically)

AECOM (formerly Earth Tech) Phase 2 report w/maps – located in Wayland DPW office
Capital Efficiency Plan, Tata & Howard, April 2009 – located in DPW/Water Division Office
Danforth litigation settlement documents and three-page January 19, 2005 press release – located in Wayland Selectmen's Office
Earth Tech Phase I report w/maps – located in DPW office
EOEA & Water Resources Commission Water Conservation Standards 2006:
http://www.mass.gov/Eoea/docs/eea/wrc/water_conservation_standards.pdf
Fortin report w/8 plates – located in Wayland Town Surveyor's office
Goldberg-Zoino & Associates, "Hydrogeologic Study, Wayland Aquifer," Newton, MA. (1982)
Homeowner Heating Safety information (Bruce – link??)

*IEP report (Kurt??)

MassDEP Beavers: <http://www.mass.gov/dep/water/beaverws.pdf>

MassDEP Drinking water regulations: <http://www.mass.gov/dep/water/laws/regulati.htm>

MassDEP Fertilizer information: <http://www.mass.gov/dep/water/resources/lawn.htm>

MassDEP Septic System Financial Assistance: <http://www.mass.gov/dep/water/finance.htm>

MassDEP Sodium guidelines: <http://www.mass.gov/dep/water/laws/policies.htm>

MassDEP SWAP report 2002: <http://www.mass.gov/dep/water/drinking/3315000.pdf>

MassDEP UST data: <http://db.state.ma.us/dep/ust/ustQueryPage.asp>

MassDEP UST Financial Assistance (Bruce - link??)

MassDEP Water Withdrawal Permit 2003 – located in DPW office

Raytheon extranet link: www.ermne.com (username=raytheon, password=wayland)

UMass Soil Test Procedures: <http://www.umass.edu/soiltest/>

Wayland Wellhead Protection Committee website:

http://www.wayland.ma.us/Pages/WaylandMA_BComm/WellheadProtection/index

World Health Organization study regarding cemeteries, 1998

[http://whqlibdoc.who.int/euro/1998-99/eur_icp_ehna_01_04_01\(a\).pdf](http://whqlibdoc.who.int/euro/1998-99/eur_icp_ehna_01_04_01(a).pdf)

*(two artificial turf field resource docs – Kurt??)

FIGURES

page

- 1 – Concord River Basin map (full page)
- 2 - Aquifer Protection District map (full page)
- 3 – Reeves Hill Water Tanks photo
- 4 - Sudbury River photo?? (fill in blank space on page 13)
- 5 – Happy Hollow Wells photo (delete??)
Happy Hollow Wells Google map (full page)
- 6 – Happy Hollow Wells composite map (full page)
- 7 – Happy Hollow Wells Sand/Gravel Pit photo
- 8 – Happy Hollow Wells Sand/Gravel Pit photo
- 9 – Portion of Capture Zone Intersecting Artificial Turf Field (add North arrow)
- 10 – Baldwin Pond Google map (full page)
- 11 – Baldwin Wells composite map (full page)
- 12 – Route 20 Business Corridor map (full page)
- 13 – Organic Demonstration Lawn at Mellen Green photo

(full page Google map & composite map to be included for each of the 5 wellhead areas)