WAYLAND WELLHEAD PROTECTION COMMITTEE

MEETING MINUTES (#79, by L. Segal)

November 18, 2010

Attendance: Sherre Greenbaum, Jennifer Riley, Tom Sciacca, Linda Segal, Kurt Tramposch, Water Superintendent Mike Hatch (9:30 a.m.), MassRWA Bruce Young (10 a.m.)
Location: Small Hearing Room #2, 41 Cochituate Rd., Wayland, MA

Meeting convened at 9:10 a.m.

Old Business: T. Sciacca reported on OCP stormwater drainage after discussing same with town surveyor. For last 50 years, that drainage has discharged into floodplain, in ConCom's jurisdiction. WPC discussed T. Sciacca's original suggestion to install a T for future use when OCP is opened for high school project. T. Sciacca agreed to check with Conservation & draft email response to DPW Director & Highway Supt. Diversion would also help reduce salt draining into Dudley Brook by about 25% along 2/10 mile length of OCP. Town already has salt controls on vehicles, but town still needs to understand where increasing salt concentrations in wells are coming from, e.g. aquifer buildup vs. above ground sources. Would be simple (voltmeter & probe) to take samples in two existing IEP triplets sets of groundwater monitoring wells. More current salting would be found at higher depths. WPC identified options for salt study funding, e.g. grant, college intern project, etc. K. Tramposch to check with Tufts and NH contacts. If salt coming from deep aquifer, town needs contingency plan if wells are lost.

Water Superintendent report: Iron-eating bacteria at **Baldwin** still need to be treated; waiting for Siemens, need drive for new pumps at well #3. Re **Chamberlain,** trying to get treatment chemicals there before winter, service area still tight after tree removal, old stumps still need removal, water dept. plows its own wellhead areas. Scada service is improved, dogwalkers in field & not near well. RV at nearby home. Tenneco gas pipeline close. Not known if Tenneco uses herbicides or mechanical means for grass cutting. There is crossover of water & gas lines at Rt 126. Campbell & Meadowview still need fencing. DEP requires Reeves Hill water tanks fenced. Emergency portable diesel generator received for use at HH & other functions as needed, stored elsewhere. M. Hatch has not met BOPW yet. Baldwin plant warranty expires Dec. 1. Re WPC public education, for spring water wizard idea, Mike has done instruction in Maynard. Discussed possible tour of Baldwin plant by High School (Emily Norton science teacher contact).

Wellhead Protection Plan update: Bruce Young (MassRWA) indicated GIS is still working on maps showing zones I, II, capture zones (threats from surface sources). Chamberlain draft and HH edits still in works. B. Young provided info re road salting: Town already minimizes CaCL and NaCL, depends on temperatures. Would need less salt if drivers reduced speed & not expect snow removal down to pavement. MassDOT averages 69 tons salt use/land mile, 6 million tons/year in Mass (huge amount). Can apply CaCL brine, beer mash or beet juice beforehand. Using large Baldwin area map, discussed possible threats to water supply: Glezen Lane houses in zone I, UST at 42 Glezen, geese, herbicides/fertilizers at golf course, landscaping business practices (mulch storage, bacteria, water soluble dyes, grinding preserved woods, unknown floor drains), cemetery uses (embalming fluids, casket metals, concrete contaminants, supplies storage). None of Baldwin wells currently have gw under

influence (used to). B. Young asked M. Hatch for written general description of Baldwin plant; Tata & Howard's O&M plan may be a good source. WPC discussed positive public outreach approach, letter should be constructive, asking for property owners to partner in water protection, not criticizing, etc. L. Segal asked to draft summary of 3 hazmat sites (Watertwon Dairy, Dow, Raytheon), get copies of Lynch permit, 42 Glezen Lane UST info, Fortin report pdf. WCC irrigation permit: check for well location (near building?), conditions enforced?, practices, if not using fertilizers, why is aerial photo so green? WPC discussed suggestions: info re possible discounts for regular septic pumping in zone I (SWQC reportedly already does this), consumer info to encourage replacement of underperforming or defective systems, organic lawn care tour, contest, organic lawn signage, dispensers for dog walkers, seek CPA $$$ to install bronze plaques w/protective message at catchbasins (J. Riley to check on specs/costs), best practices for swimming pool owners (Bldg. dept. should have a list), parking lot maintenance. B. Young to send WPC revised HH and Chamberlain drafts.

Public Education: Discussed handout for Nov. 29 BOPW reappointment interviews; no information has been requested. Consensus to help BOPW know our backgrounds with summary list of qualifications. WPC to compile info on one page.

Next meetings: Monday, Nov. 29, 2010 at 7:15 p.m. (w/BOPW at 7:45 p.m.)
Wednesday, December 9, 2010 at 9 a.m. (B. Young 10 a.m.)

Adjournment: S. Greenbaum motion, T. Sciacca second, voted 4-0. Meeting adjourned at 12:25 p.m.

(minutes approved December 22, 2010)