

## WAYLAND WELLHEAD PROTECTION COMMITTEE

### MEETING MINUTES (#51, by L. Segal)

November 14, 2009

Attendance: Sherre Greenbaum, Jennifer Riley, and Linda Segal;  
Location: Baldwin Treatment Plant, 101 Old Sudbury Rd. Wayland

Meeting convened at 10 a.m.

WPC attended the Open House Ceremony and Tour of the Baldwin Pond Water Treatment Facility. Representatives from Methuen Construction and Tata & Howard provided the tour and refreshments. An aide to Senator Scott Brown presented a citation from the State House. Randy Suozzo, project engineer for Tata & Howard, gave the informative tour and answered questions.

Construction of the new facility began in June 2008. Planning and design started in 2003 as part of DEP compliance requirements. Several town meeting appropriations totalled \$10.2 million. The plant is currently undergoing testing, is 98% complete, and is expected to come in about a million dollars under budget. It will treat up to 1.5 million gallons of water per day from three wells using the latest membrane filtration technology.

The goal of providing sustainable, cost effective, high quality water for the future needs of Wayland will be realized when the facility goes online before the end of the calendar year. Plant is highly automated, injects ozone and a base to precipitate the iron and manganese out. Chemicals such as chlorine and fluoride are added. The backup generator is run by natural gas. Baldwin wells are 65 feet deep; there is no direct interaction between the pond and the aquifer below. 88 filters to be cleaned and maintained once per month. They are guaranteed for 5 years; cost of replacing each one is \$2,000. They expect to be taste testing treated water by Christmas. During off-season, the Baldwin plant will provide most of the town's water. During peak use high season, Happy Hollow wells will continue to provide up to half the total amount of water needed to meet water demands.

The plant is impressive! Congratulations and thanks are also owed to Don Millette and Jack Mitchell.

Next meeting: Tuesday morning, Nov. 24, 9 a.m.

Meeting adjourned at noon. (S. Greenbaum motion, J. Riley second, voted 3-0)

(Minutes voted approved November 24, 2009)