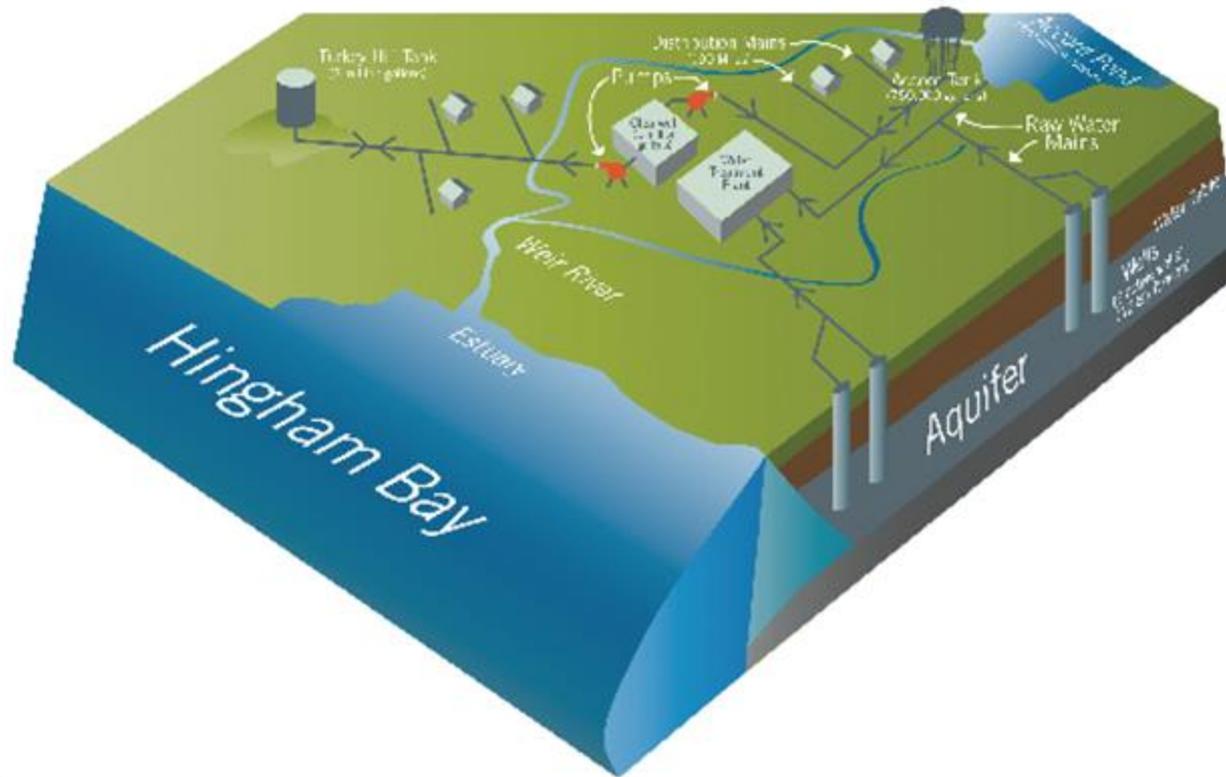
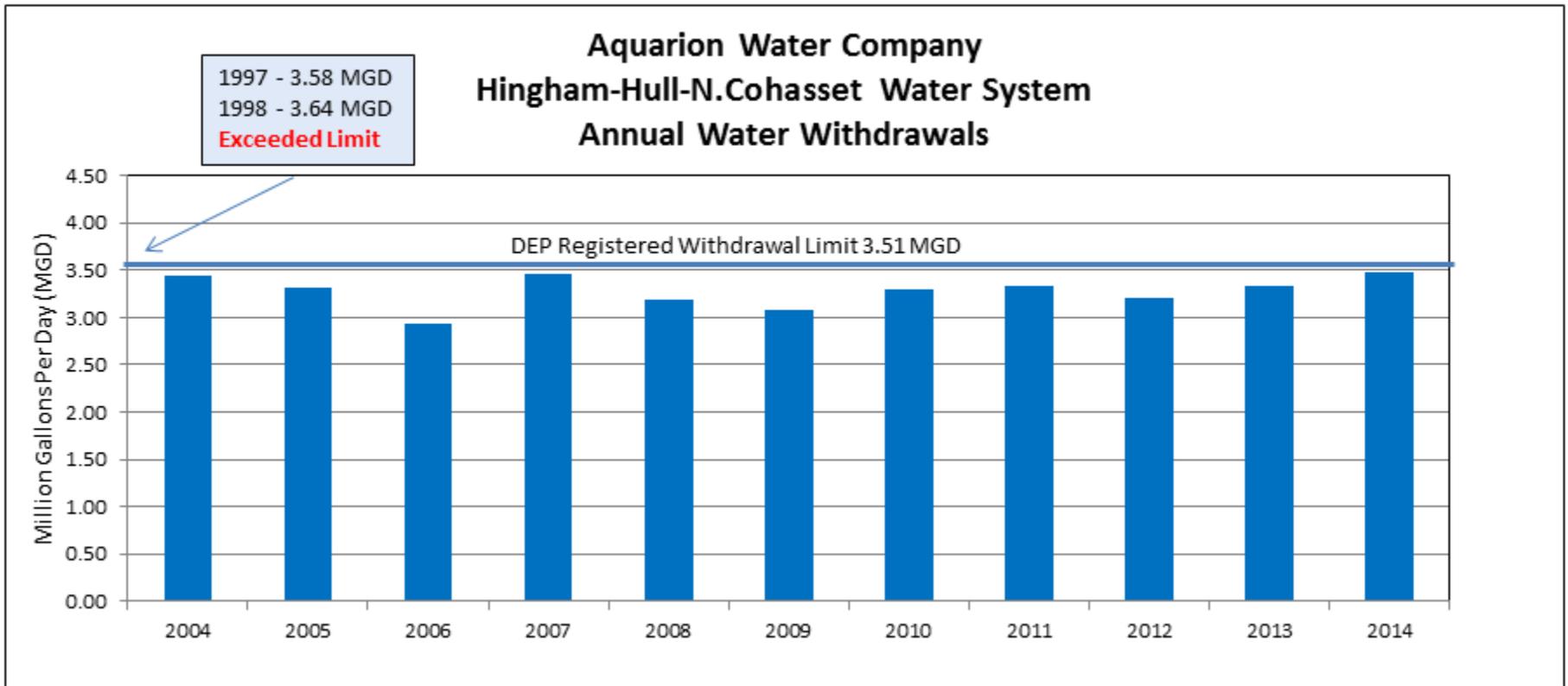


Meeting with Hingham Water Supply Committee July 13, 2015



Annual Water Withdrawals



Water Balance Program

Goal: Offset estimated new water demand by decreasing existing demand.

Scope: Applies to all new and expanded water use projects, except (1) residential development with only a single service connection and (2) new and/or expanded water use developments that are expected to require less than 100,000 gallons per year of water.

Options for new developments:

- Applicant-Directed Conservation – Applicant identifies and implements water conservation activities through retrofits approved by Aquarion.
- Water Banking - Applicant provides funding for a Water Bank that will be used by Aquarion to fund conservation efforts.
- Supplemental Source of Water Supply – 1. Applicant identifies and develops a supplemental source of supply for Aquarion. 2. Applicant finances the development of a supplemental source of supply.

Water Conservation Initiative

Amy Vickers

Amy Vickers will provide Aquarion with a detailed analysis of customer and system water use that will serve as the foundation for the development of a water conservation plan in a subsequent second phase project.

Goals:

- 1) Summarize Aquarion's initiatives and estimated impacts on water demand over the past 3-5 years.
- 2) Sort and segment customers' metered water demands over past 36 months.
- 3) Analyze customer water use to profile their water use efficiency relative to water conservation benchmarks and emerging efficiency trends, including fixtures and appliances.
- 4) Analyze Aquarion's historical non-revenue/unaccounted for water demands and water loss and leak reduction practices relative to goals.
- 5) Prepare preliminary broad-brush estimate of water savings potential from conservation.
- 6) Provide conclusions about the water data analysis and provide recommendations.

Water Balance Program

Recent Projects

356 new service connections from Dec 31, 2009- Dec 31, 2014 of which approximately a dozen fell under the WBP requirements.

- Derbybrook
- The Bridges
- Fox Run
- Taylor Lane
- Damon Farms
- Summer Street/Kilby
- 7 Bay St
- Hingham Lexus Dealership
- Past projects include: Hingham Shipyard, Ridgewood Crossing, Back River Homes, Weathervane, Baker Hill, Black Rock, Derby Street Shoppes.

Environmental Stewardship

Our Commitment

- Environmental stewardship is part of the very fabric of Aquarion Water Company. Notable recent/ongoing activities include:
 - Manage 15,000 acres of forest with TNC and CTDEP (<http://www.nature.org/ourinitiatives/regions/northamerica/unitedstates/connecticut/placesweprotect/saugatuck-forest-lands.xml>)
 - Created safe passage for American Eels (<http://www.nature.org/ourinitiatives/regions/northamerica/unitedstates/connecticut/explore/ct-tag-team-eels.xml>)
- Aquarion's commitment starts at its parent company Macquarie, who actively measures the sustainability practices of its companies.
- Aquarion is deeply committed to applying its resources for the betterment of the communities that sustain us.
- Through a diverse mix of educational & community programs, we're at work in many areas to become an even better neighbor to the communities we serve.
- As a corporate citizen, we provide contributions that focus on environmental protection, education, health & human services, the arts, and civic areas of need.

Outreach

Educational:

- Friends of Holly Hill Farm (2nd Grade level)
- Greenscapes (NSRWA) (5th Grade level)
- Annual Open House and rain barrel program
- Hingham High School Green Week (Quiz and prize)
- Environmental Forums
- Tours of the plant for Notre Dame Environmental Science classes.

Customer Service:

- Neighborhood meetings
- Neighborhood walks
- Mail Stuffers
- Digital presence

Community Partnerships:

- Customer Advisory Board (Conservation/Restrictions)
- Working closely with Town Boards and Committees

Community Partnerships



Community Partnerships



Water Donations and Volunteering

- Hingham 4th of July Road Race
- Hingham 4th of July Parade
- End of Summer Classic
- Taste of Hingham
- All Hingham elementary field days
- Middle school activities
- South Shore Conservatory Fun Run
- Jingle Bell Run
- Foster Fun Run
- Plymouth River Run
- Hingham Little League

Thank you

Questions

