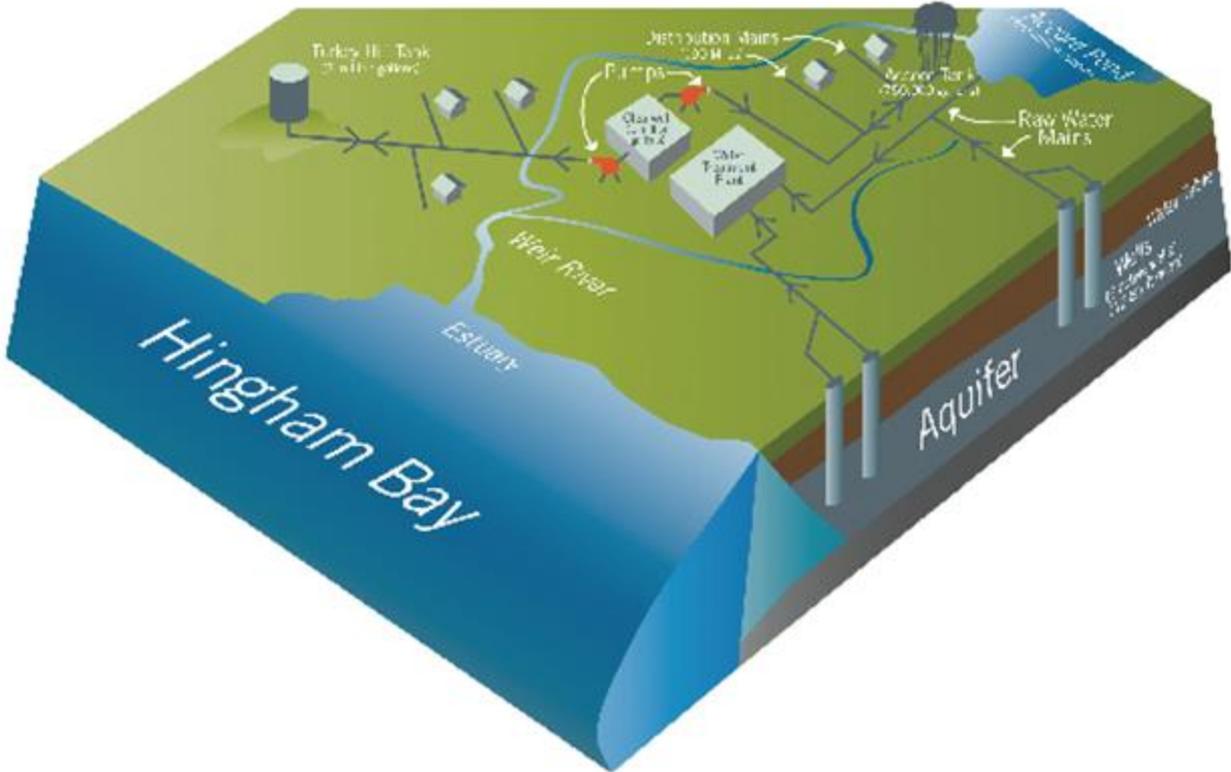
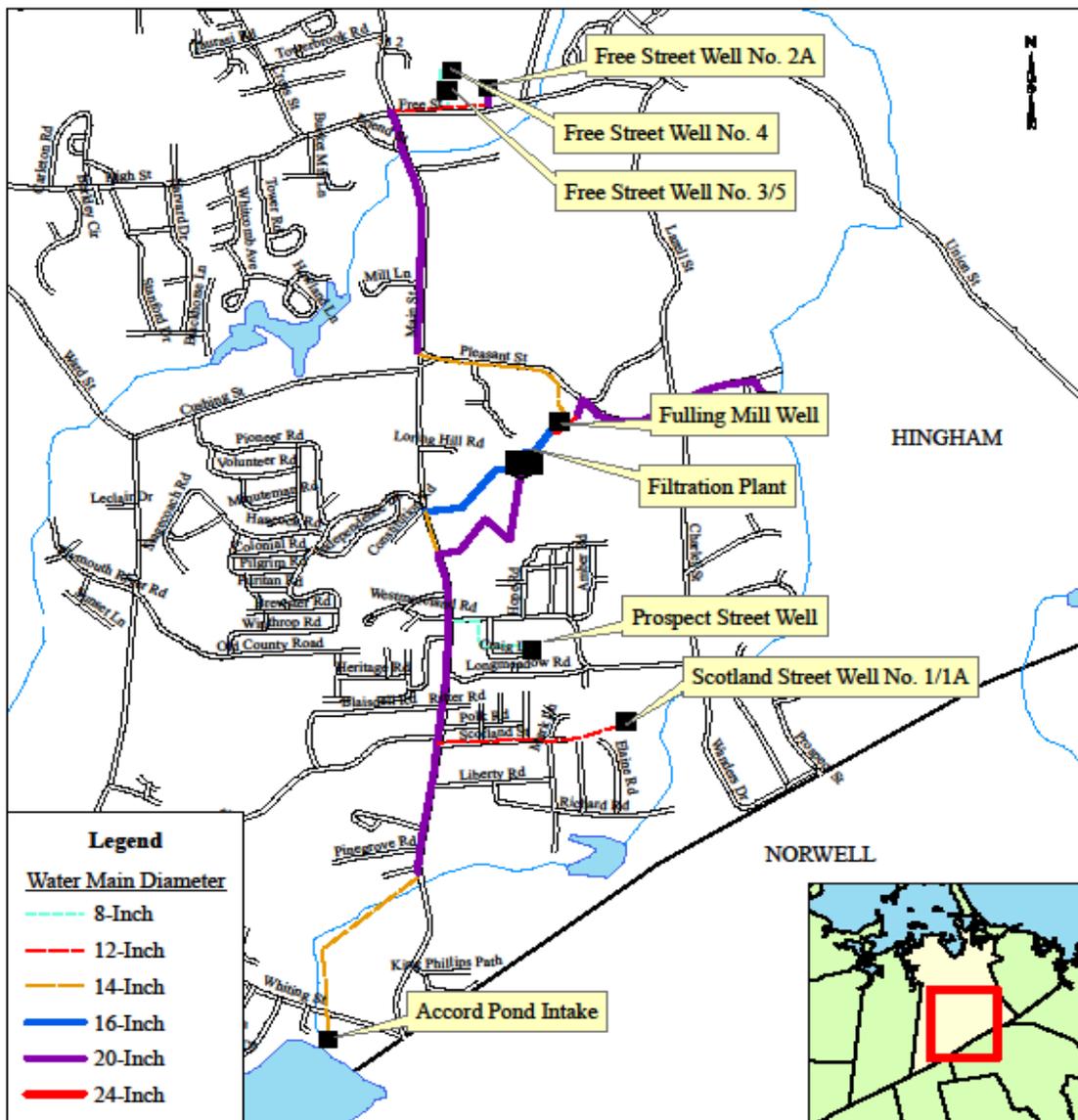


Meeting with Hingham Water Supply Committee May 18, 2015



Raw Water Infrastructure



Legend

Water Main Diameter

- 8-Inch
- 12-Inch
- 14-Inch
- 16-Inch
- 20-Inch
- 24-Inch

TATA & HOWARD

Date: July 2014
Approximate Scale: 1" = 2,000'

Raw Water System

Hingham/Hull Water Distribution System

Aquarion Water Company

Figure No.

1



Raw Water System Improvements

- Installation of new equipment at the Accord pump station to increase capacity.
- Installation of new equipment at 3 wells to increase the pumping capacity at each well.
- Rehabilitation of equipment at the Fulling Mill Cistern Well and pump station to reactivate this supply source.
- Rehabilitation of seven wells to restore their production capacity.

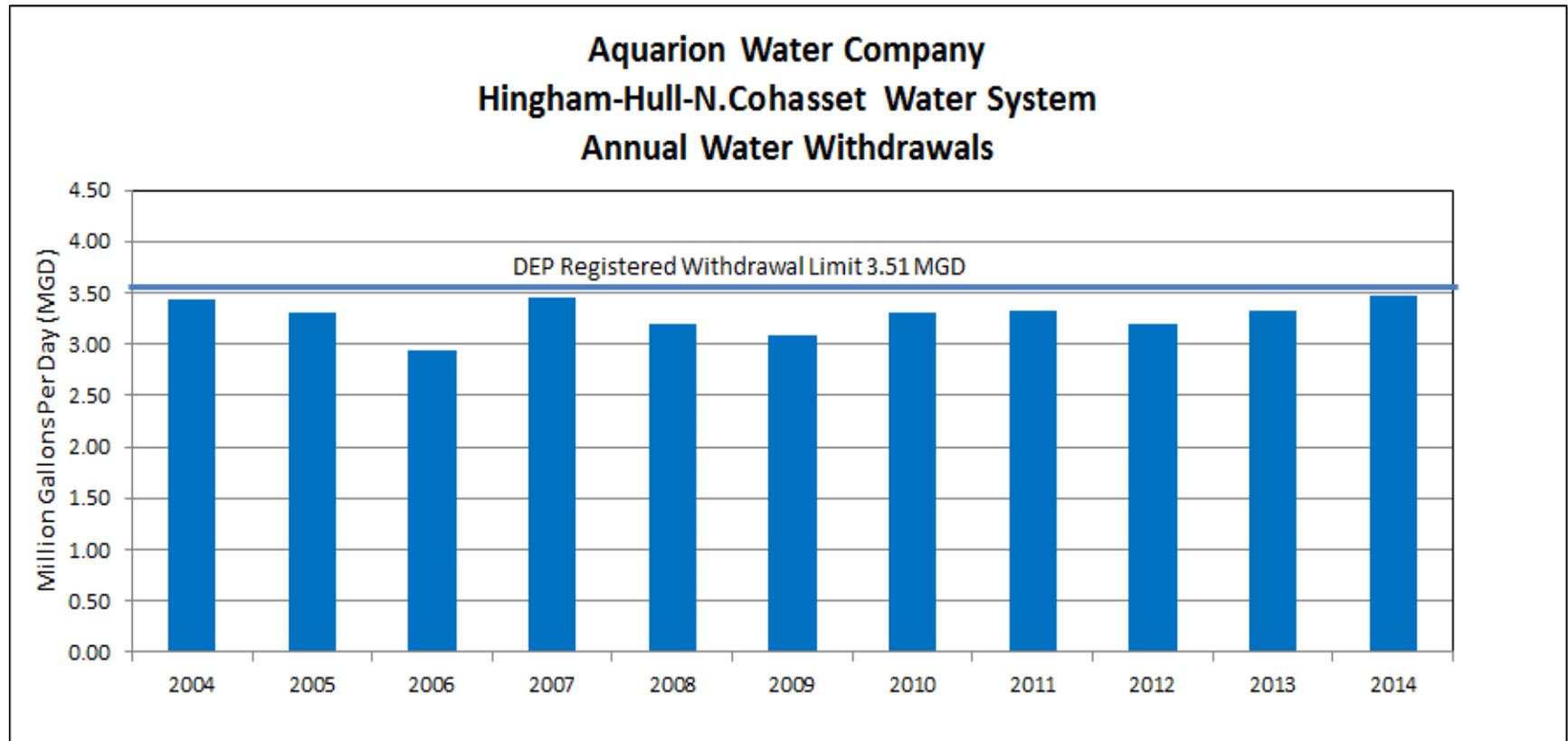
With these investments, we have enhanced our ability to meet peak day water demands this summer.



Other Recent Infrastructure Projects

- Prospect Ave water main replacement- Hull
- Hull Water main replacement projects (Atherton, Cadish, Sunset, Circuit).
- Rebuild centrifuge and related pumps
- SCADA replacement
- High service pump - Variable Frequency Drive (VFD)
- High service pump - Vacuum Priming System
- Additional Lime Pumps
- Building Upgrades – Accord Gate House, Prospect Well, Scotland Well, Free Street 3 Well

Annual Water Withdrawals



2015 Water Restrictions

Water restrictions have been established pursuant to our Rules and Regulations, as approved by the Massachusetts DPU. The restrictions run from May 1 through October 15. The restrictions are mandatory, as in past summers, and are as follows:

- No operation of irrigation systems or hose-end sprinklers between 10am and 6 pm.
- Watering by irrigation systems or hose-end sprinkler allowed on Customers' assigned day only before 10am or after 6pm.
- Customers' assigned days are as follows:
 - (1) Odd addresses: Tuesdays and Saturdays
 - (2) Even addresses: Wednesdays and Sundays
- Hand- held watering is permitted at any time.

Communication and Enforcement

- Discussions with stakeholders
- Letter to town officials and state legislators
- Press release
- Code Red Call
- Emails through police and through school system
- Signage throughout towns
- Public Service Announcement
- Aquarion website
- Town websites
- Social media
- Printed material for events and meetings

Leak Detection

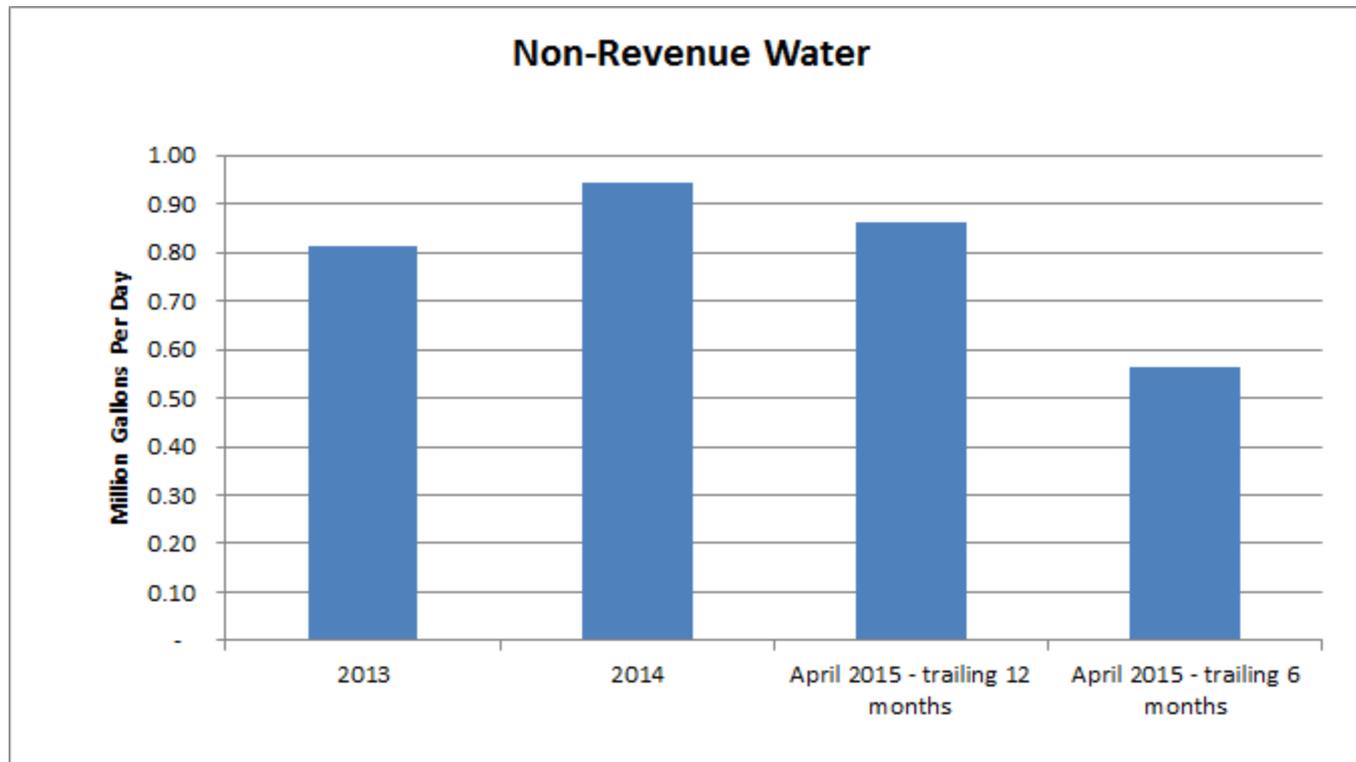
- October, November, December 2014
 - Found 23 leaks, fixed 19 leaks (4 hydrants remain to be fixed)
 - Estimated leakage found 0.28 MGD
- April 2015
 - Found 19 leaks, fixed 12 leaks (7 hydrants remain to be fixed)
 - Estimated leakage found 0.16 MGD

April 2015

	Pipeline	Service	Valves	Hydrant	Total
Hingham	1	4	0	4	9
Hull	2	1	2	4	9
Cohasset	0	0	0	1	1
Total	3	5	2	9	19

Non Revenue Water

- Aggressive leak detection is resulting in reduced non-revenue water



MASS DEP AWARD

- Aquarion system serving Hingham, Hull and north Cohasset was one of 28 public water supply systems in the state to receive the 2015 Public Water System Award for "Outstanding Performance and Achievement in 2014" from MASS DEP.
- Aquarion received this award for the system for the second year in a row.



Acquisition Update

- Trial



Thank you

Questions

