

Kennebunk, Kennebunkport & Wells Water District

Working for Water

**November 16, 2016
Regional Conservation Partnerships
Network Gathering**

The Kennebunk, Kennebunkport and Wells Water District is a quasi-municipal water utility that was established in 1921 by an act of the Maine State Legislature.

The District serves an area that encompasses the towns of Kennebunk, Kennebunkport, Wells, Ogunquit, Arundel and portions of Biddeford and York.

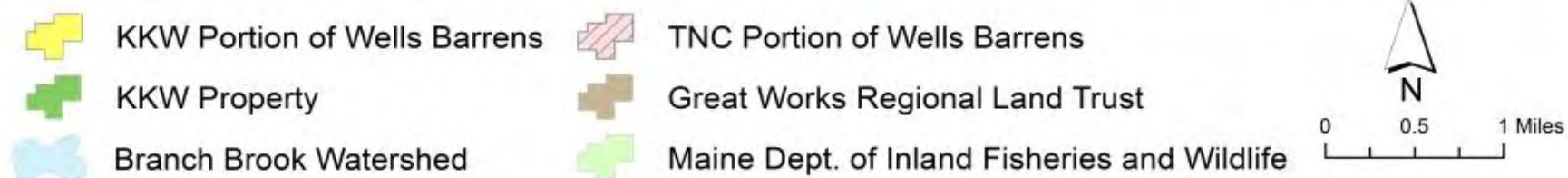
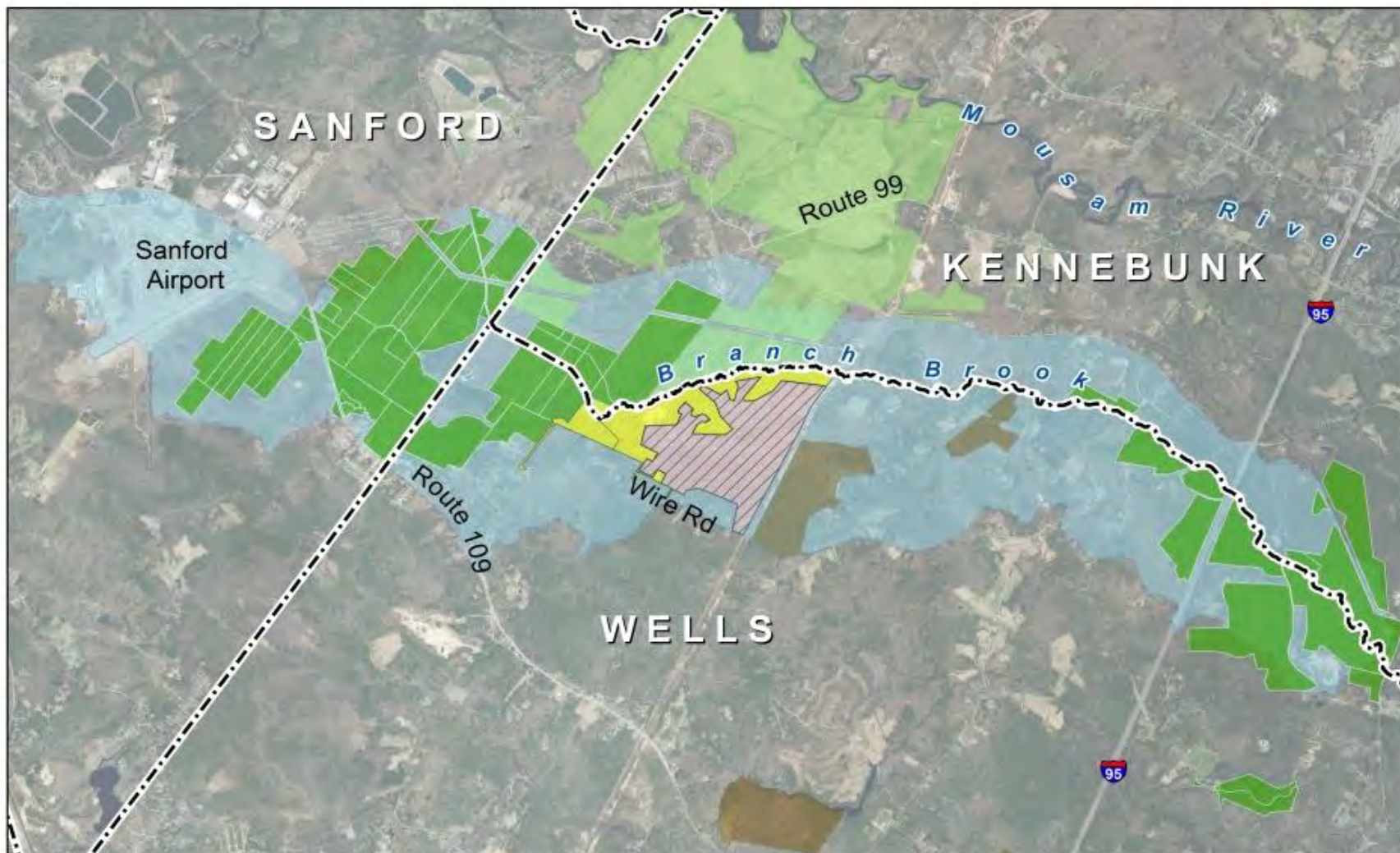
K.K.W.W.D. STATISTICS

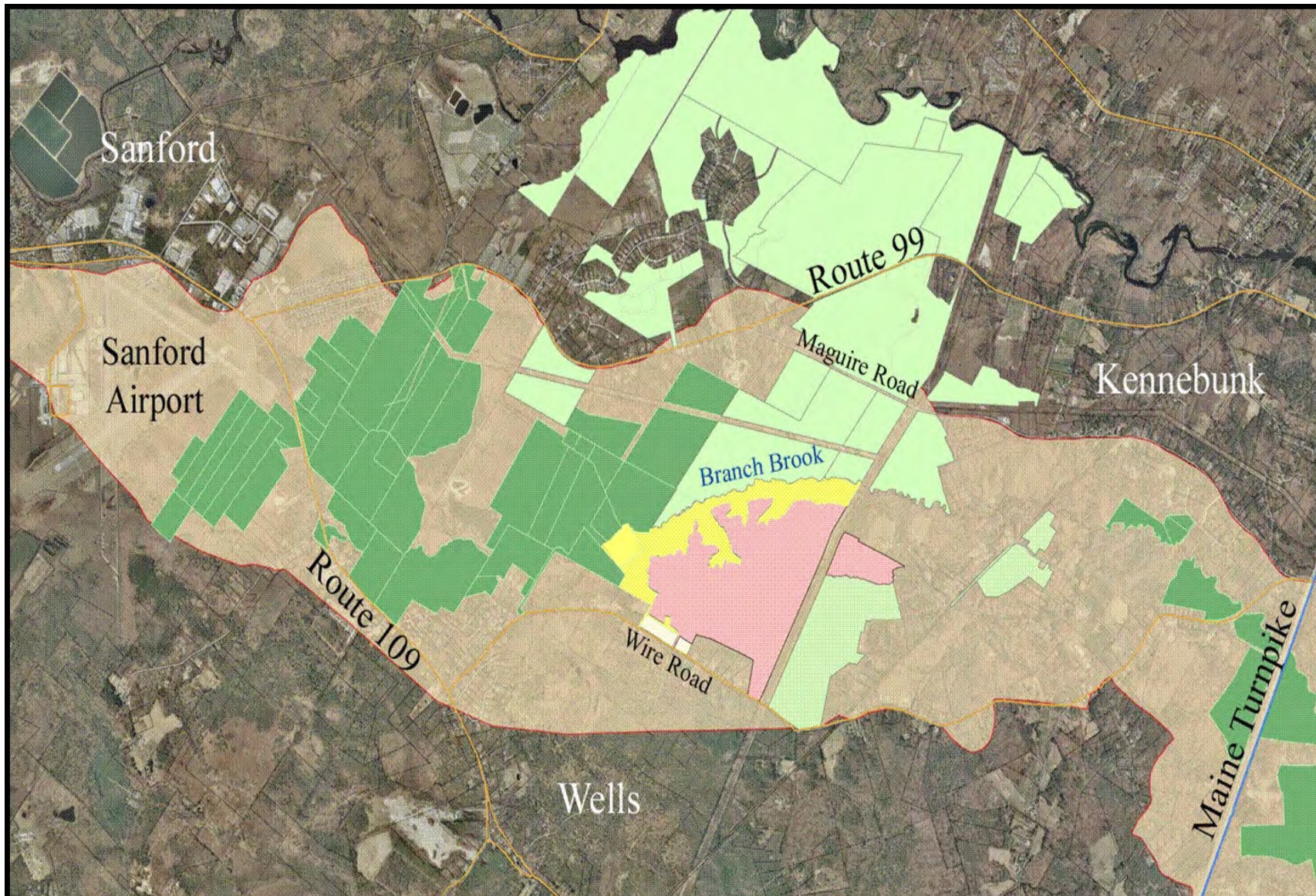
Area served:	53 sq. miles
Towns served:	Kennebunk, Kennebunkport, Wells, Arundel, Ogunquit, part of York & part of Biddeford
Customers served:	13,500
Population served:	Year round – 28,000 _± Seasonal – 100,000 _±
Employees:	41 Full time
Revenues:	2015 - \$6.9 million
Water production	Annual – 1.1 Billion gallons Daily Average – 3.0 MGD Winter (min) – 1.8 MGD Summer (max) – 6.9 MGD

- Source water supplies

- Branch Brook (3 to 6 MGD)
- Ground water (2 to 3 MGD)
- Utility interconnections (3 MGD)

Total supply: 8 to 12 MGD





Legend:

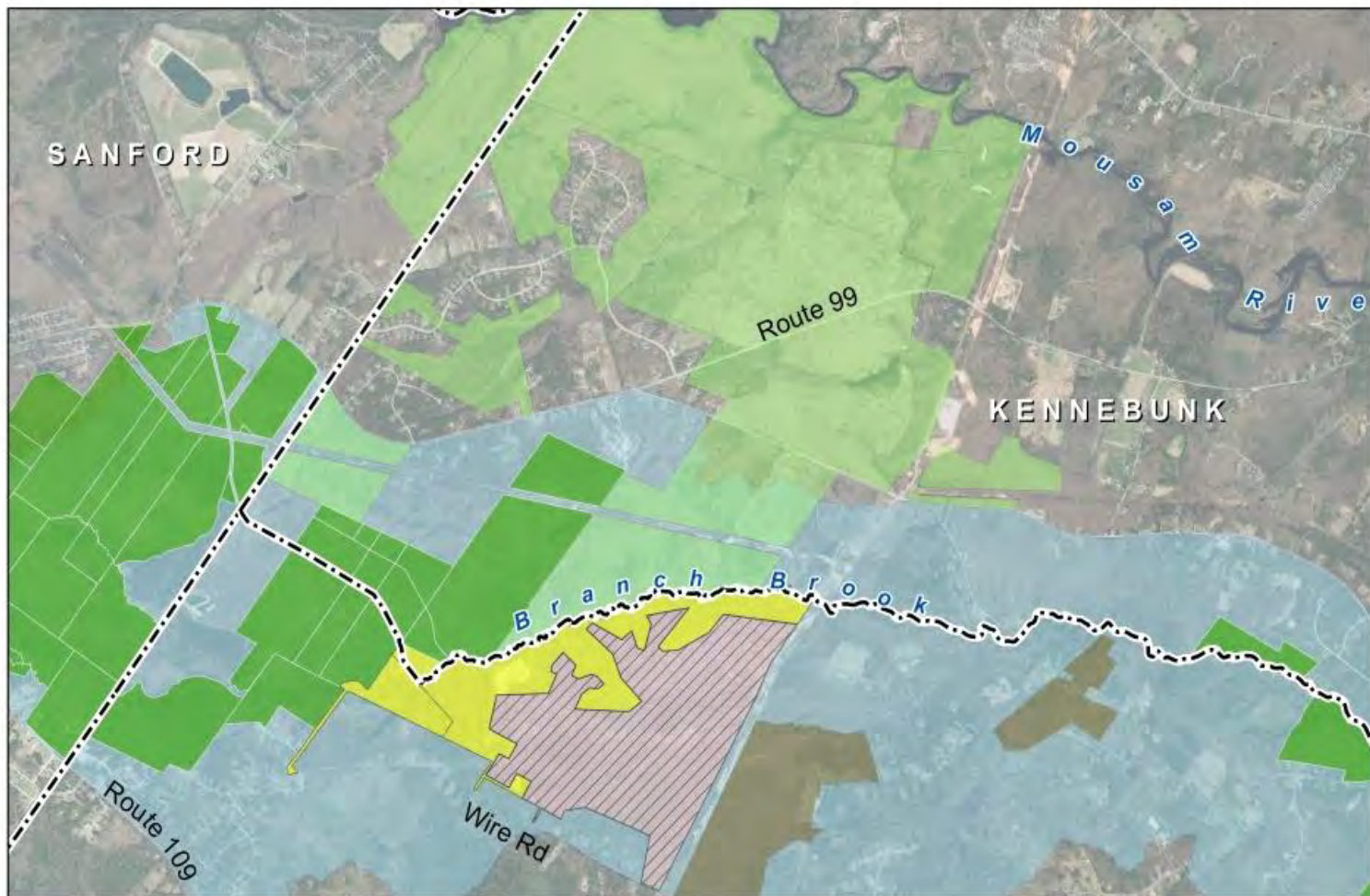
KKW Portion of Wells Barrens




TNC Portion of Wells Barrens




KKW Property

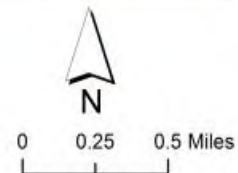
Other Conservation Land

Branch Brook Aquifer



-  KKW Portion of Wells Barrens
-  KKW Property
-  Branch Brook Watershed

-  TNC Portion of Wells Barrens
-  Great Works Regional Land Trust
-  Maine Dept. of Inland Fisheries and Wildlife



WHAT'S ON TAP

THE KKW WATER DISTRICT NEWSLETTER

VOL. 6 NO. 1

WWW.KKW.ORG

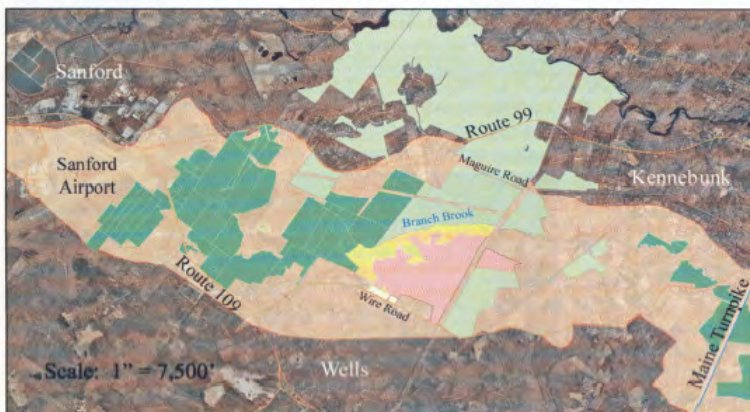
WINTER 2008

DELIVERING QUALITY AND SERVICE SINCE 1895

LAND AND WATER MANAGEMENT—THINK WIN-WIN

Norm Labbe, Superintendent You may recall some media coverage a couple months ago relating to our joint purchase of land in the Wells Barrens with The Nature Conservancy. In summary, we jointly purchased about 560 contiguous acres of land that is critical to preserving both drinking water supplies and some of the rarest species of natural plant communities in Maine.

Why is this significant news? In addition to being the largest real estate transaction in Water District history and the first time we have purchased and protected watershed land with another significant partner, this deal has several interesting and unique components. In addition to the 560-acre watershed providing an important natural filter for a large portion of Branch Brook's water supply, the site also includes a 13-acre pond, which is occasionally used by us to augment Branch Brook flow during low-flow drought conditions. But even more unique is that the land includes the facilities for a recently-operated (albeit somewhat controversial) bulk spring water business. We are currently studying the feasibility of once again extracting spring water from the site in a manner that would not adversely affect the local roadways, the neighborhood or the environment. If successful, the revenues from spring water sales could be significant, resulting in a real benefit for all District rate payers. For more information, please visit our web site at www.kkw.org to review our press release, newspaper articles and other updates.



Legend:

- Yellow box: KKW Portion of Wells Barrens
- Green box: KKW Property
- Pink box: TNC Portion of Wells Barrens
- Light green box: Other Conservation Land
- Orange box: Branch Brook Aquifer

The recent 560-acre Wells Barrens land acquisition was accomplished via a joint transaction between the District and The Nature Conservancy (TNC). This parcel protects over one mile of frontage along Branch Brook, our primary public drinking water supply, from future growth and development. The District now owns over 2,000 acres (shaded in dark green) of the 8,000 acre Branch Brook watershed with an additional 2,000 acres (shaded in light green) protected by other conservation interests.

Special Feature!

Public Drinking Water Fluoridation - customer concerns continue. See page 3 for information and analysis.

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Our Mission is.....

"To provide the highest quality drinking water and customer service at the lowest reasonable price"







Our Mission

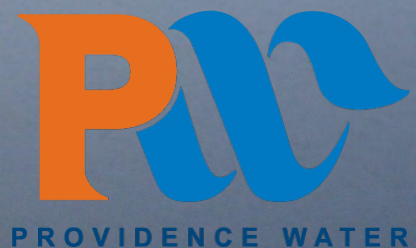
To provide the highest quality drinking water and customer service at the lowest reasonable cost.

Questions?



CONSERVATION PARTNERSHIPS HELP PROTECT AND MAINTAIN PROVIDENCE'S SCITUATE RESERVOIR WATERSHED

Christopher Riely, CF
Forest Supervisor



PROVIDENCE WATER AND THE SCITUATE RESERVOIR WATERSHED

- Public utility developed and operated by City of Providence
- Current system established c. 1920
- Now provides water to 600,000 people or 2/3 of all Rhode Islanders
- Main Scituate Reservoir and several smaller tributary reservoirs
- 93 square mile watershed, mostly private land
- Water Resources Division manages 13,000 acres of City-owned forest surrounding reservoir system



IMPORTANCE OF PARTNERSHIPS



Rhode Island
Department of
Environmental
Management



Town of

Scituate




Society of
American Foresters



Forest Stewards
 **Guild**
putting the forest first



Northern Rhode Island
Conservation District

Burrillville • Central Falls • Cranston • Cumberland • East Providence • Foster
Gloicester • Johnston • Lincoln • North Providence • North Smithfield
Pawtucket • Providence • Scituate • Smithfield • Woonsocket

SERVING
PROVIDENCE
COUNTY

- Small state and close-knit community with people wearing “different hats”
- Share resources, knowledge, and skills that contribute to mutually beneficial outcomes
- Help leverage additional resources otherwise unavailable

HOW WAS THE CONNECTION ESTABLISHED?



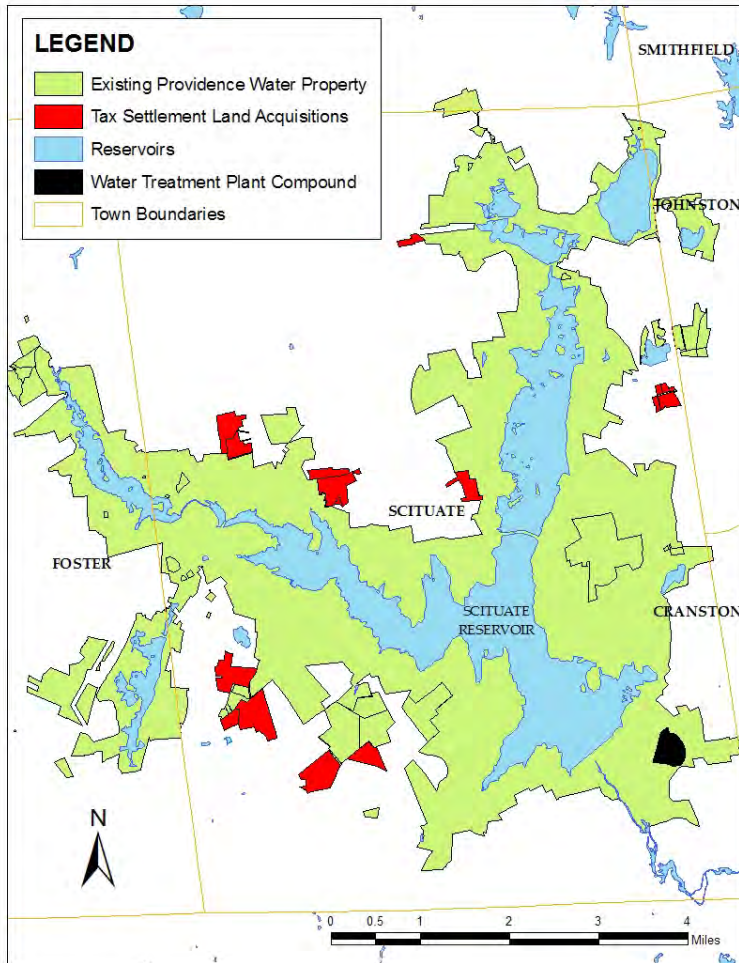
- Scituate Reservoir Watershed Education Program established in 1993
- Need for outreach and education program, but could not hire internal staff
- Funded by Providence Water; implemented by Northern RI Conservation District
- Has grown to \$90k/year contract mostly funding one position
- LandWaterConnection.org

WHAT ARE THE BENEFITS OF THIS CONNECTION TO PROVIDENCE WATER?

- Nonprofit partners are better positioned to take the lead with grants
- Benefit from expertise and resources we do not have
- Have leveraged more than \$765k in external grant funding over past decade
- “Southern New England Heritage Forest” tri-state NEFA grant partnership > RCPP application



WORKING WITH SCITUATE LAND TRUST AND CONSERVATION COMMISSION



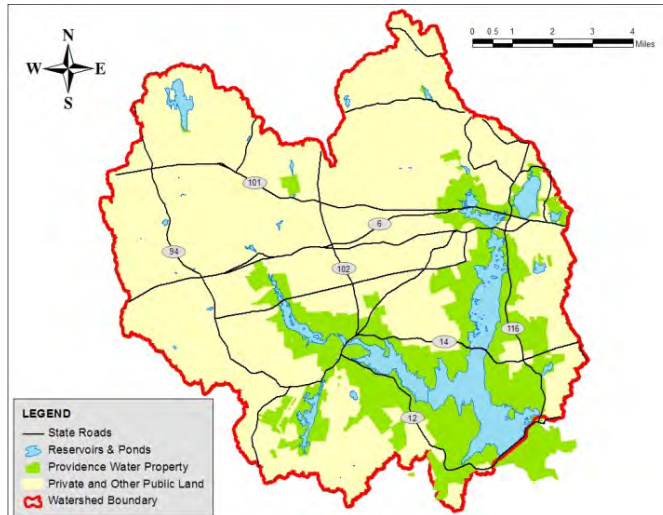
- Providence Water is the largest taxpayer in Scituate
- Innovative way to resolve differences over tax assessment
- \$5 million from Town of Scituate to Providence Water
- 2009-14 project timeframe
- 11 parcels = 520 acres
- Conserved tracts of mutual interest to Town and PWSB
- Land acquired at good value due to timing (recession)

WHAT CAN CONSERVATION GROUPS DO TO FACILITATE A LONG-TERM CONNECTION?

- Establish relationships with both watershed managers and decision makers
- Need patience and long timeframe to gain results
- Be sensitive to our needs
- Utilities are by nature risk-averse organizations
- Help with the tasks water suppliers are not good at or well-positioned for



WHAT COULD CONSERVATION GROUPS HELP US ACCOMPLISH OVER TIME?



- Conserve the two-thirds of the watershed that is privately owned
- Proactively address threats to water supply
- Extend education program to include urban students
- Improved watershed community relations
- Coordination of priorities and activities leading to greater impact

An aerial photograph showing a vast, frozen lake in the background, with a water treatment facility in the foreground. The facility includes several large, dark blue ponds, some with ice floating in them, and a central building complex. The surrounding landscape is covered in snow and bare trees, indicating a winter setting. The sky is clear and blue.

QUESTIONS?

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