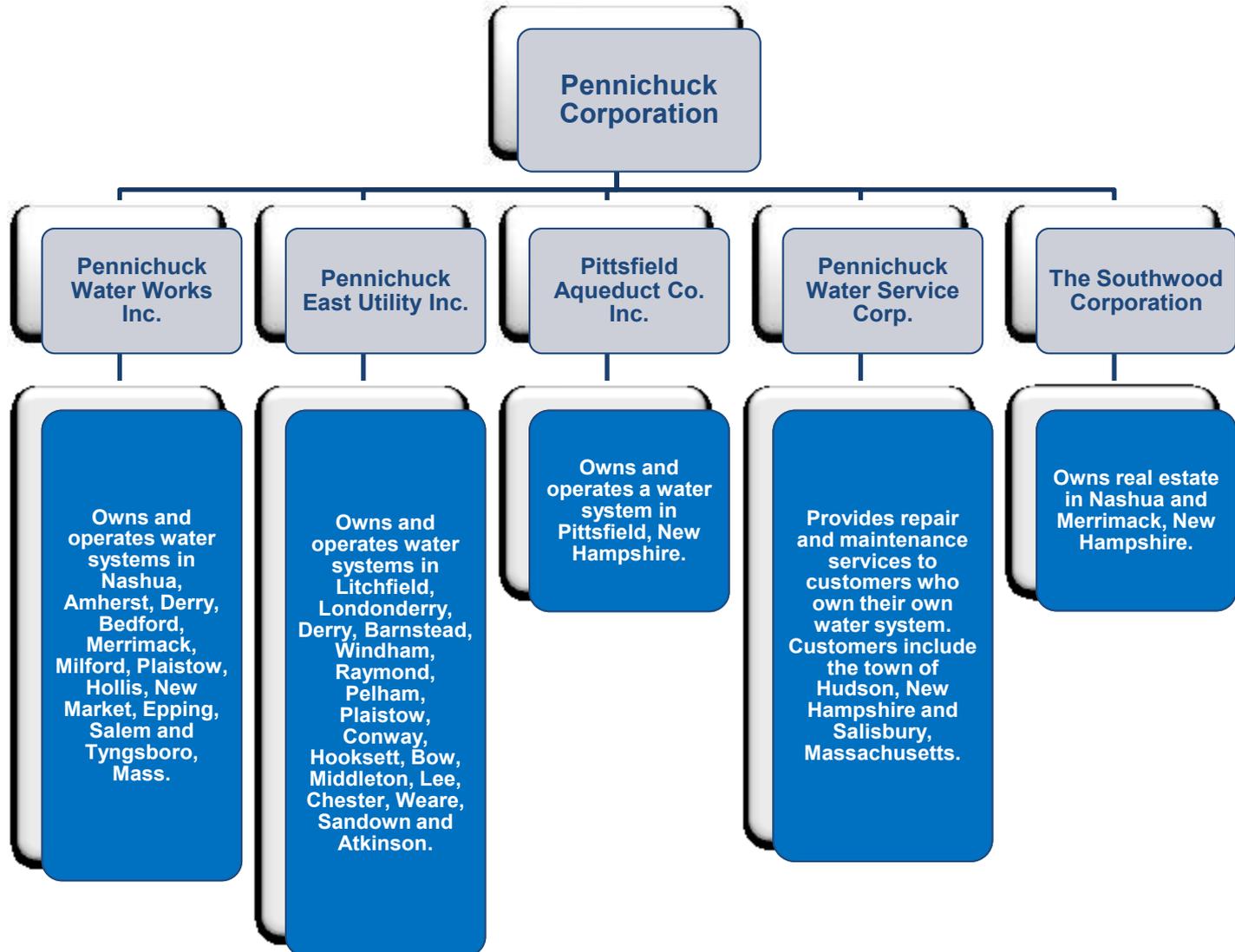


# Pennichuck Water Works Service Area Expansion Presentation

Donald Ware, P.E.  
Chief Operating Officer  
&  
John Boisvert, P.E.  
Chief Engineer

Town of Plaistow  
Board of Selectmen  
May 21, 2012

# Who is Pennichuck





### PENNICHUCK WATER

27 WATER SYSTEMS PROVIDING SERVICE TO 26,664 CUSTOMERS IN 11 COMMUNITIES



### PENNICHUCK EAST UTILITY

44 WATER SYSTEMS PROVIDING SERVICE TO 8,911 CUSTOMERS IN 19 COMMUNITIES



### PENNICHUCK PITTSFIELD AQUEDUCT COMPANY, INC.

1 WATER SYSTEM PROVIDING SERVICE TO 640 CUSTOMERS



### PENNICHUCK WATER SERVICES COMPANY

PROVIDING SERVICE TO 80 WATER SYSTEMS IN 36 COMMUNITIES

-  P.E.U. FRANCHISE
-  P.W.W. FRANCHISE
-  P.A.C. FRANCHISE
-  WHOLESALE
-  CONTRACT OPERATION

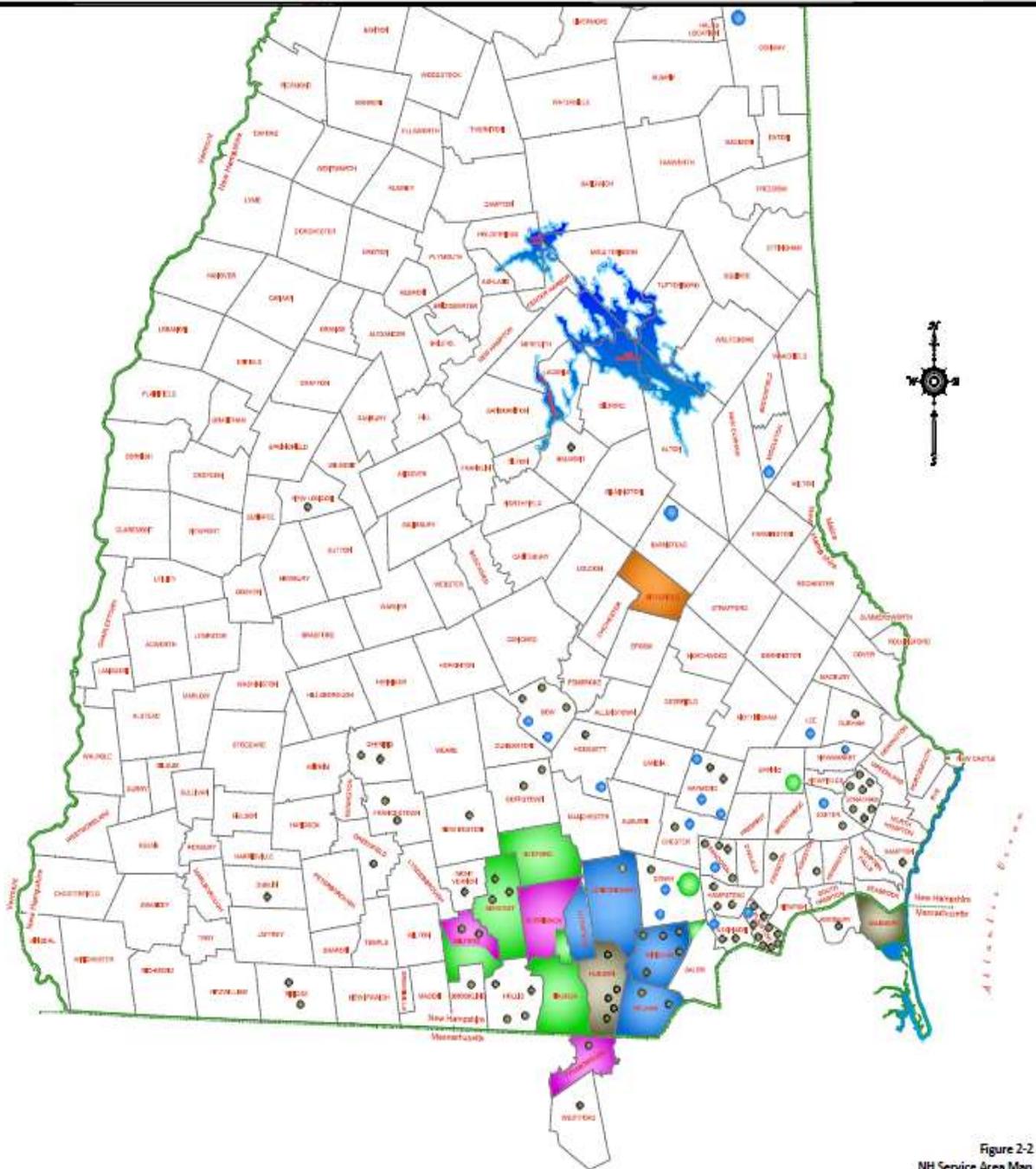


Figure 2-2  
NH Service Area Map

# Pennichuck Resources

System	Customers	Operating Revenues (2010)	Treatment/Storage Assets	Distribution & Transmission Assets
PWW	26,300 customers in Nashua & 10 surrounding municipalities	\$26.9 Million	<ul style="list-style-type: none"> <li>• 35 MGD water treatment plant</li> <li>• 11 water storage tanks</li> <li>• 41 pump stations</li> </ul>	<ul style="list-style-type: none"> <li>• 2,305,813 feet of mains</li> <li>• 25,805 meters</li> <li>• 2,468 hydrants</li> </ul>
PEU	6,828 customers in 19 communities in southern & central NH	\$6.4 Million	<ul style="list-style-type: none"> <li>• 26 pump stations</li> <li>• 14 booster stations</li> </ul>	<ul style="list-style-type: none"> <li>• 856,444 feet of mains</li> <li>• 6,696 meters</li> <li>• 293 hydrants</li> </ul>
PAC	650 customers in Pittsfield, NH	\$599,608	<ul style="list-style-type: none"> <li>• 0.5 MGD water treatment facility</li> </ul>	<ul style="list-style-type: none"> <li>• 74,484 feet of mains</li> <li>• 628 meters</li> <li>• 65 hydrants</li> </ul>

# Pennichuck's Plaistow Water Systems



**TOWN OF PLAISTOW**

# Twin Ridge/Rolling Hills History

- Rolling Hills – Acquired from Consumers NH
- Twin Ridge – Acquired from the Developer
- Both systems developed prior to modern Community Water System standards.
- Declining well yields over time – uncontrolled use when proper well maintenance was not possible.
- 2011 Well Project
- Well operation and maintenance plan

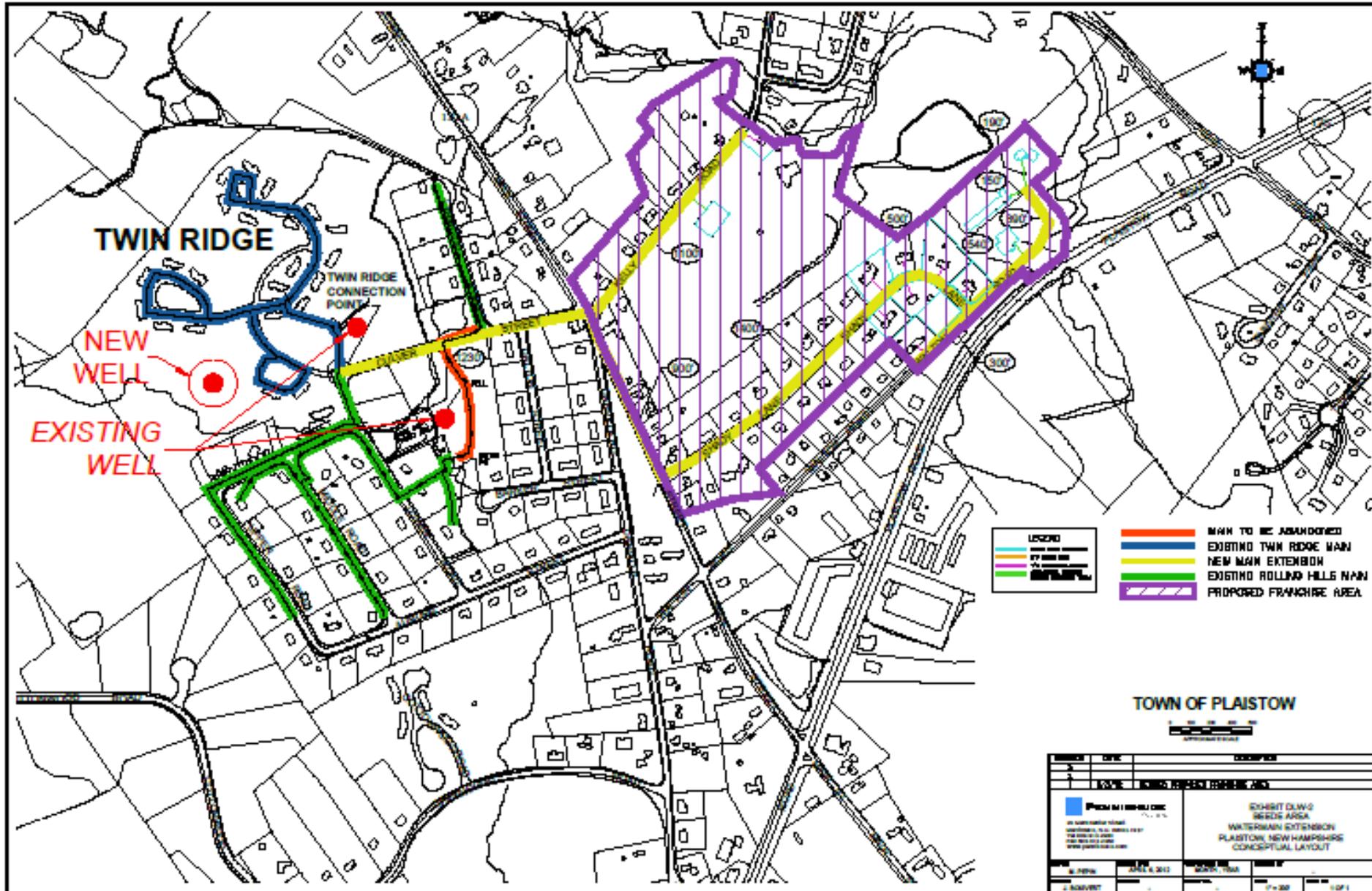
# Current Well Project

- Permitting Process is through the NHDES.
- Drilling.
  - Conditional Use Plaistow Planning Board
- Testing
  - Quantity
  - Quality
- Analysis & Reporting.
- Well Approval.
- Connection/Activation.
  - Conditional use permit (amended) for on site pipeline construction.

# Franchise Expansion

- Pennichuck was approached by Beede in 2010 to supply water.
  - Current supply could not accommodate Beede
  - We were not in a position to assist.
- Initiated source development for Twin Ridge
- Testing of the new well indicated sufficient capacity to serve the existing customers plus Beede.
- Pennichuck circled back to Beede.
  - Assistance is now available.

# Franchise Area Addition



# PUC Process

- Franchise Petition
  - NISI – Non contested
    - Supported by Town
      - Petition
      - Discovery
      - Staff Opinion
      - NISI Order
  - Conventional
    - Town opposes
      - Prehearing Conference, Interveners
      - Discovery
      - Settlement
      - Staff Opinion
      - Litigation
      - Commission Order

Questions?