

*Every Acre Counts:
The Newfound Watershed Master Plan*

**A Guiding Vision Towards
Environmental and Economic Sustainability.**

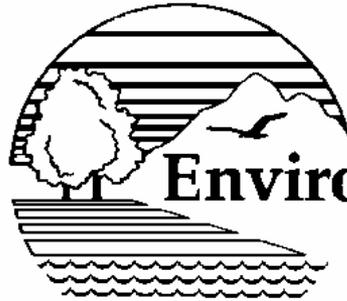
OUTLINE

- **Project Overview**
- **Answering the Question “Why”**
- **Implementation**
- **Q&A**

PROJECT TEAM

Plymouth State
UNIVERSITY

Center for the Environment



NEW HAMPSHIRE
DEPARTMENT OF
**Environmental
Services**

Newfound Area School District



**JEFFREY H. TAYLOR
& ASSOCIATES, INC.**



UNIVERSITY of NEW HAMPSHIRE
Cooperative Extension

Steering Committee

- **Planning Boards, Select Boards and Conservation Commissions**
- **Concerned Citizens**
- ***The Collective***

Kate Barrett (Alexandria CC), Chuck Beno (Hebron PB), Mark Dionne (Hebron Audubon), Bob Felder (Bridgewater), Dick Flanders (Plymouth), George Frame (Bristol), Ellie Lonske (Hebron PB), Kathi Lovett (Bridgewater PB), Don Milbrand (Bristol SB), Heidi Milbrand (Bristol), Marcia Morris (Hebron), Noah Munro (Bristol), Sherry Nelson (Groton), Bruce Barnard (Hebron SB), Jo O'Connor (Groton CC), Dan Paradis (Bristol PB), Jack Scarborough (Plymouth PB), Val Scarborough (Plymouth SB), Suzanne Smith (Hebron), Slim Spafford (Groton PB), Janet Towse (Alexandria CC), Cindy Williams (Alexandria SB)

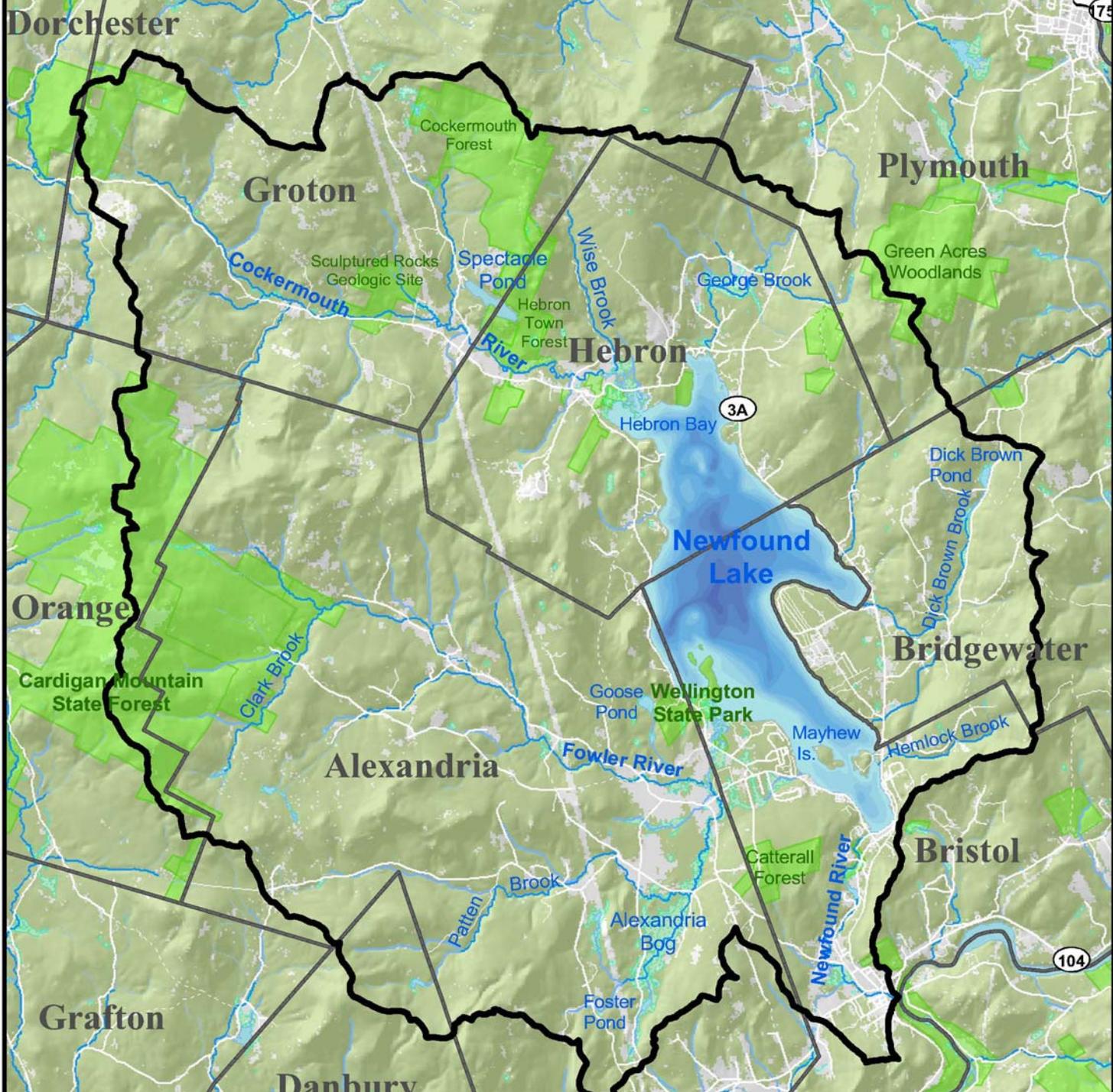
Project Overview

- Planning vs. Reacting
- Long-Term Environmental and Economic Health
- Science-based tools for Grass-Roots Action

PROTECT WATER QUALITY AND
QUANTITY

Project Overview

- **63,150 acres of Land and Water**
 - DES High-Quality Water
 - NHF&G Highest-Quality Habitat
- **Steep and Fast: 1” rain ~ 1’ lake rise**
 - **Storm Water is Biggest Threat**
- **Nine Towns Touched by Watershed**
 - 5 Towns, 90+% of Land and Population
- **13% Conserved, ~70% Developable**
- **Highly Seasonal Economy**



Project Overview

- **Three-year DES/319-Funded (\$184k)**
- **>8,000 hours Volunteer Labor**
- **Agency and Citizen Collaboration**
- **Final Plan Completed October 2009:**
 - **Vol. 1 “User-Friendly” Summary**
 - **Vol. 2 Technical Supporting Documents**

Project Overview

- **Vol. 1 – Shared Resources, Threats, Actions**
- **Vol. 2 – Supporting Documents**
 - Water Quality Data
 - Demographic and Housing Trends
 - Master Plan, Regulatory Analysis
 - Community Opinion Surveys
 - Educational Curricula
 - Contributing Authors
- **Plan at www.Newfoundlake.org**

Why Do We Need a Watershed Master Plan?

- **Strong Public Mandate**
 - Town Master Plans
 - July '06 Meetings
 - Letters of Support
 - PSU Community Surveys

Common Principles and Shared Purpose









Why Do We Need a Watershed Master Plan?

- **Water Resources Regional**
 - Water and Forests Cross Town Boundaries
- **Economy is Regional**
 - Tourism and Recreation
 - Summer Camps
 - Second Homes
- **Land-use Decisions Local**

Why Do We Need a Watershed Master Plan?

■ Environment and Economy are Connected

– Water-based Recreation

- \$513 M Annual Sales and Income

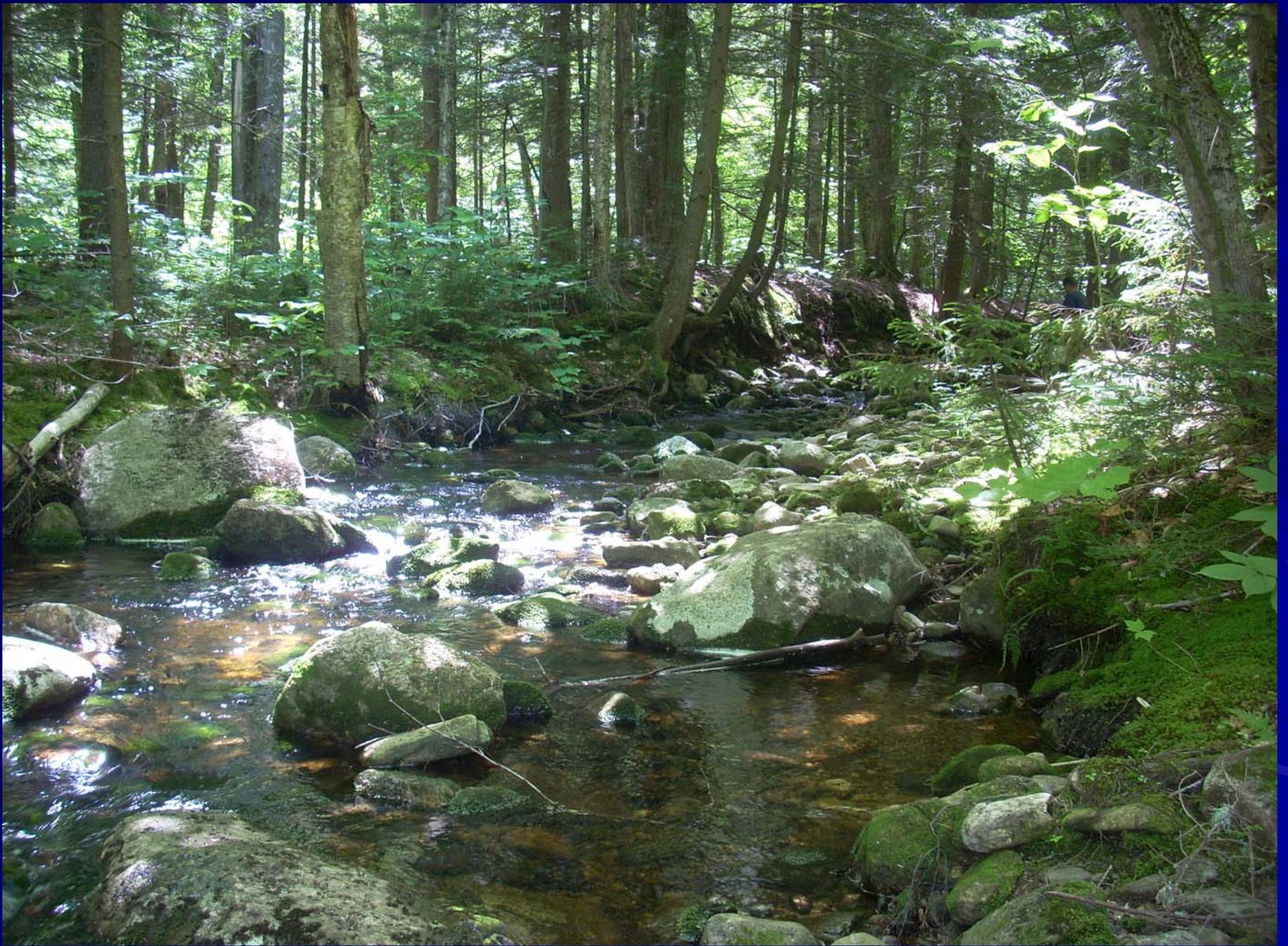
- 5,990 Jobs

■ ~(\$87M) and (1,000 Jobs) if Impaired!

– Lake-front Property Taxes

– \$475/acre Forest Lands







Why Do We Need a Watershed Master Plan?

■ Threats are Real:

- Declining Deep Water Quality
- Culvert Discharges
- Recent Beach Closings
- Climate Change / Storm Freq.
- Recession and Aging Population







Why Do We Need a Watershed Master Plan?

■ Coordinate Local Action to Maintain Regional Quality

– Local Decisions / Regional Impact

- Lake Front Properties
- Hillside / Ridgeline Development
- Liquidation Logging
- Municipal Water Supply

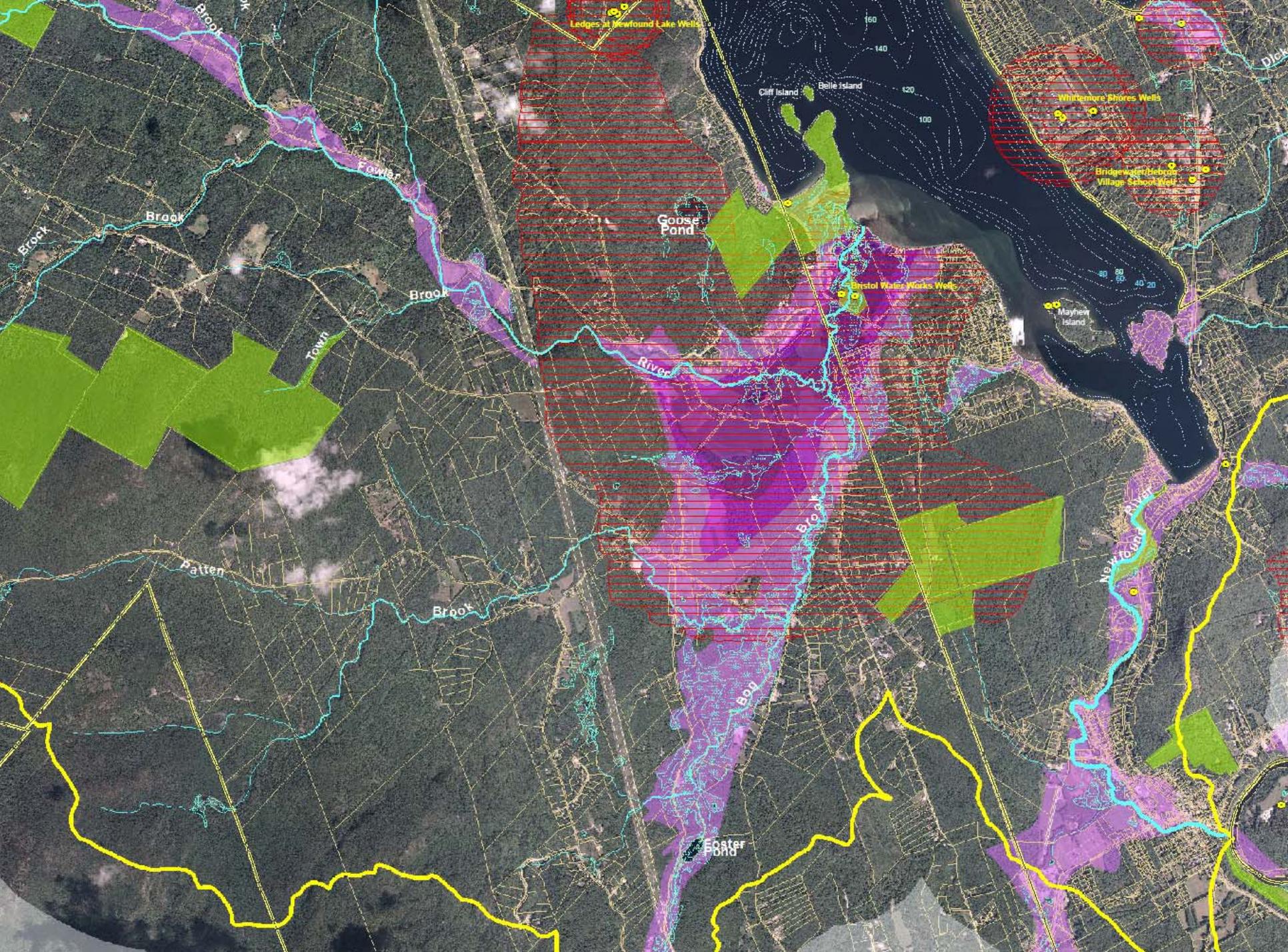
Work Together to Protect Shared Resources











Why Do We Need a Watershed Master Plan?

- **Smart Growth, NOT No Growth**
 - ~70% of Watershed Developable
 - “Urban” Zoning Pattern
 - LID Cost-effective and Desirable
 - Where and How We Build

**Planning Allows Growth and
Maintains Rural Character**

Why Do We Need a Watershed Master Plan?

- **Better Together – Opportunity to Secure our Economic Future**
 - Rich in Natural Resources
 - Good Schools, Health Care, Transportation, Infrastructure
 - Caring Communities

Growth Will Continue - Smart Growth Adds Value

Master Plan Implementation

- **Avoid Tragedy of the Commons**
 - **Overuse of Shared Resource**
 - **Local Control Avoids Tragedy**
 - **Common Agreements**
 - **Commitment to Norms**
 - **Monitor for Compliance**
 - **Graduated Sanctions**
 - **Is Tragedy a Risk?**

Master Plan Implementation

- **Visible, Successful Actions to Build Awareness & Trust**
- **Collaborate to Leverage Success, Build Local Engagement and Leadership**
- **Link Self Interest with Common Good**
- **Avoid Potential “Tragedy”**

THANK YOU!

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