

Pleasant Lake Preservation Association

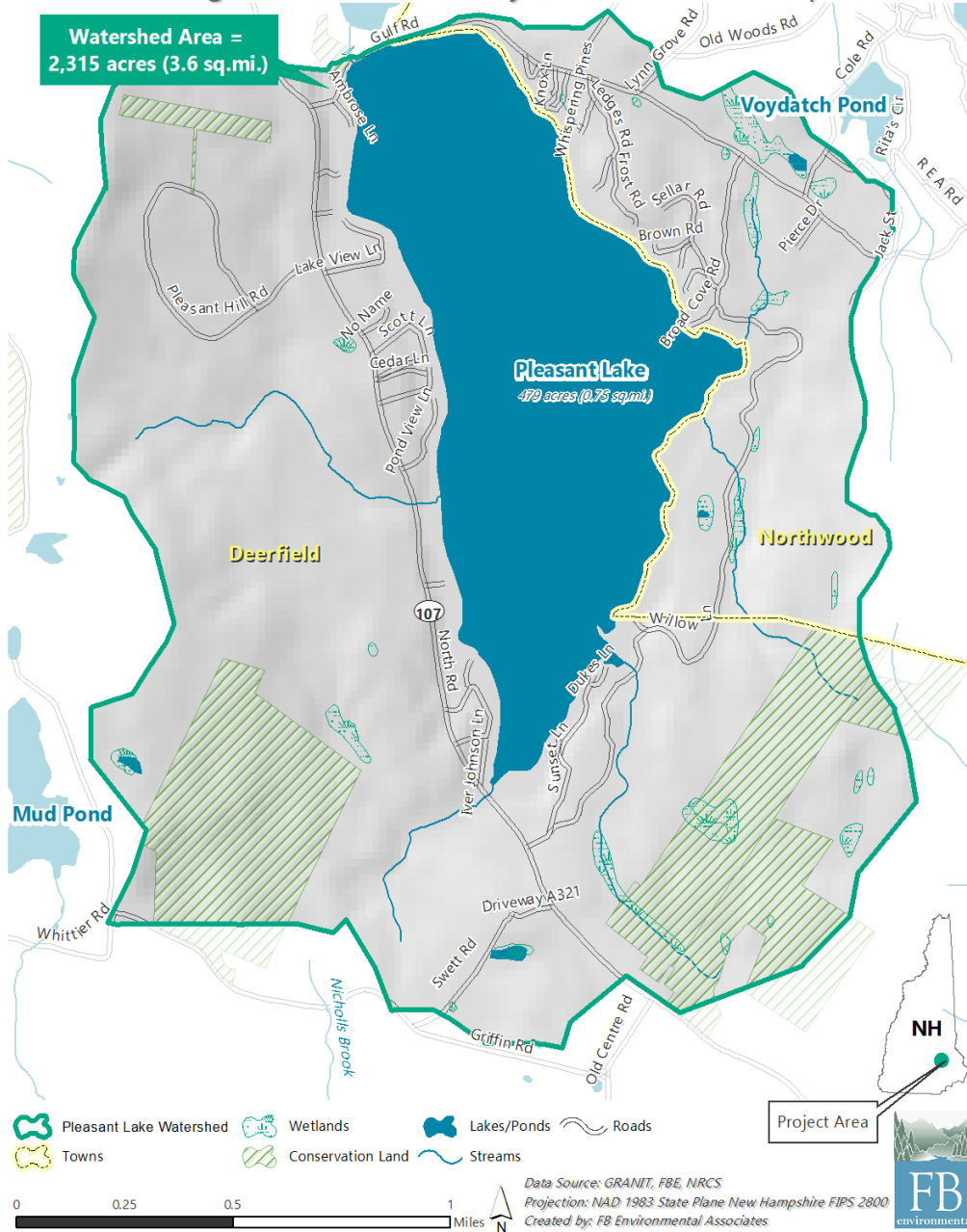
Deerfield/Northwood NH



Pleasant Lake Watershed

Rockingham County, New Hampshire

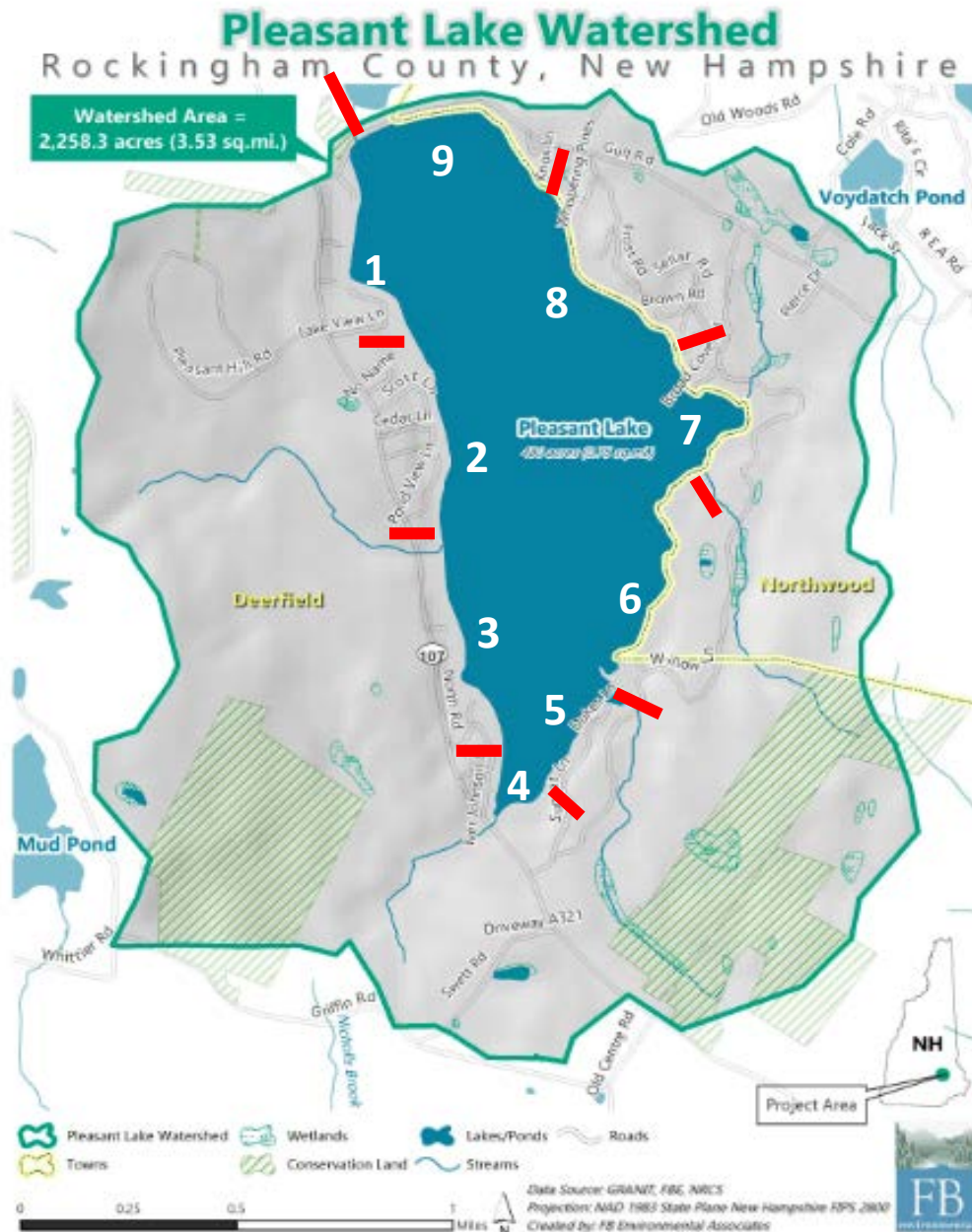
Watershed Area =
2,315 acres (3.6 sq.mi.)



QUICK FACTS

- Watershed Area: 2,240 acres
- Surface Area: 493 acres
- Shore Length: 4.5 miles
- Max. Depth: 65 ft
- Mean Depth: 23 ft
- Volume: 494,229 k ft³
- Flushing Rate: 0.4 times/year
- Elevation: 578 ft
- Trophic Class: Oligotrophic
- Rated a Class A Lake by NH DES
- Current List of Invasive Species:
✓ Chinese Mystery Snail

Solid Organizational Foundation



Officers

Chairman of the Board
President
Vice President
Recording Secretary
Corresponding Secretary
Treasurer

District Directors

1. Dam District
2. Veasey District
3. West District
4. South District
5. Loon Cove District
6. Pout Point District
7. Broad Cove District
8. Ledges District
9. North District

Program Coordinators

Lake Host
Weed Watchers
VLAP
Boat Parade
Canoe Club
Newsletter - Ponderings
Webmaster

Watershed Restoration Plan 2014 - 2017

WATER QUALITY SUMMARY

OVERALL QUALITY IS EXCELLENT...BUT

GOAL

- To improve the water quality of Pleasant Lake and prevent a future decline as a direct result of stormwater runoff and anticipated new development.*
- Reduce annual phosphorous loading by 10% over the next 10 years.*

ACTION PLAN

Objectives 1 and 2

Objective 3

Water
Quality
Monitoring

Watershed &
Shoreline
BMPs

Municipal
Planning

Septic
Systems

Roads

Land
Conservation &
Management

Action Plan

SHORT TERM RECOMMENDATIONS

Water Quality Monitoring	<ul style="list-style-type: none">• Improve current Invasive species management program• Increase the frequency of the lake water quality monitoring program• Take a sediment core of the deep spot to assess organic matter content				
Watershed & Shoreline BMPs	<ul style="list-style-type: none">• Site along Gulf Road near the NHFGD parking addressed by a DES 319 grant• Work with residents to educate and implement shoreline residential BMPs• Find and apply for funding that supports all aspects of the Action Plan				
Municipal Planning	<ul style="list-style-type: none">• Present to Board of Selectmen and Planning Board meetings to foster a relationship between local government and watershed stakeholders for the coordination of plan implementation.• Encourage towns to consider making changes to ordinances to protect water quality.				
Septic Systems	<ul style="list-style-type: none">• Investigate grants andDistribute educational information and lists of septic service providers• low-interest loans for upgrades• Develop septic system database (expand from 2015 septic survey)				
Roads	<ul style="list-style-type: none">• Work with ad-hoc private “road associations” to begin a discussion about four season road maintenance and management• Coordinate with NHDOT to discuss Rt. 107 culvert problems (before road surfacing in 2017)				
Land Conservation & Management	<ul style="list-style-type: none">• Communicate with local conservation groups (Bear-Paw Regional Greenways, Northwood Area Land Management Collaborative) to inform and collaborate on funding options.				
Water Quality Monitoring	Watershed & Shoreline BMPs	Municipal Planning	Septic Systems	Roads	Land Conservation & Management

Restructuring to address the Action Plan

- Expand the number of voting members on the Board of Directors
 - Created 3 Chairs to better coordinate activity and provide greater focus
 - Use sub-committees to address Action Plan
 - Many smaller projects making it easier to recruit volunteers
 - Added Off Lake “friends” district
 - Improve relationship with the communities of Deerfield and Northwood
- Opened all meetings to the public
- Present periodic updates to Town Boards and Committees
- Added ePonderings (eMail Blasts) to improve communications
- Invited outside speakers to all of our meetings

NH Lakes

Professor Lisa Doner (PSU)

Bear Paw Regional Greenways

DES Soak up the Rain

FBEnvironmental

Maznek Septic Design

**Water
Quality
Monitoring**

**Watershed &
Shoreline
BMPs**

**Municipal
Planning**

**Septic
Systems**

Roads

**Land
Conservation &
Management**

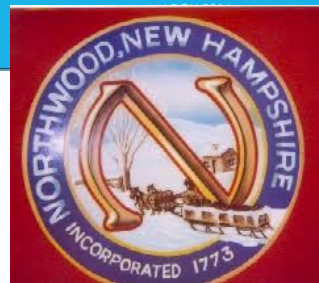
Action Plan Status

Water Quality Monitoring	<ul style="list-style-type: none"> • Improve current Invasive species management program • Increase the frequency of the lake water quality monitoring program • Take a sediment core of the deep spot to assess organic matter content 				
Watershed & Shoreline BMPs	<ul style="list-style-type: none"> • Site along Gulf Road near the NHFGD parking addressed by a DES 319 grant • Work with residents to educate and implement shoreline residential BMPs • Find and apply for funding that supports all aspects of the Action Plan 				
Municipal Planning	<ul style="list-style-type: none"> • Present to Board of Selectmen and Planning Board meetings to foster a relationship between local government and watershed stakeholders for the coordination of plan implementation. • Encourage towns to consider making changes to ordinances to protect water quality. 				
Septic Systems	<ul style="list-style-type: none"> • Distribute educational information and lists of septic service providers • Investigate grants and low-interest loans for upgrades • Develop septic system database (expand from 2015 septic survey) 				
Roads	<ul style="list-style-type: none"> • Work with ad-hoc private “road associations” to begin a discussion about four season road maintenance and management • Coordinate with NHDOT to discuss Rt. 107 culvert problems (before road surfacing in 2017) 				
Land Conservation & Management	<ul style="list-style-type: none"> • Communicate with local conservation groups (Bear-Paw Regional Greenways, Northwood Area Land Management Collaborative) to inform and collaborate on funding options. 				
Water Quality Monitoring	Watershed & Shoreline BMPs	Municipal Planning	Septic Systems	Roads	Land Conservation & Management



NEW HAMPSHIRE HOMEOWNER'S
GUIDE TO STORMWATER MANAGEMENT

DO-IT-YOURSELF STORMWATER SOLUTIONS
FOR YOUR HOME



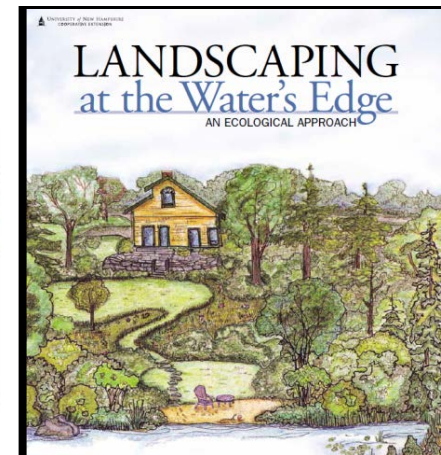
SNHPC

New Hampshire
DOT

portation



University of
New Hampshire
Cooperative Extension



Plymouth State
UNIVERSITY



Pleasant Lake Preservation Association

Deerfield/Northwood NH

