

Town of Hebron

Rural Fire

Water Resource Plan

AN ACTION PLAN FOR
IMPROVED EMERGENCY RESPONSE
FOR FIREFIGHTING IN
HEBRON, NH

March 20, 2009

Prepared by the:

**NH Rural Fire Protection Initiative, a project of
North Country and Southern NH Resource Conservation & Development Area Councils
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The following report is a collaborative effort between various entities. The representatives listed below comprise the core decision-making team responsible for this report and mutually agree on the plan's contents:

All members of the Hazard Mitigation Committee were involved in reviewing and approving the mitigation strategies identified in this plan, and on the plan's contents.

Hazard Mitigation Committee Members:

Bruce Barnard, Selectman
Travis Austin, Police Dept.
Roger Bedard, Highway Dept.
John Fischer, Fire Chief and Emergency Management Director
Maynard Young, Fire Department
Paul Hatch, NH HSEM
Adam Hlasny, LRPC

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Funding for this plan was provided by a grant from the NH Homeland Security and Emergency Management office.

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I. OBJECTIVES

The objective of the following report is to complement and enhance Hebron's hazard mitigation plan by identifying, evaluating, and mapping water resource sites available to local and mutual aid fire personnel for fire fighting purposes. The plan will identify those areas of town currently lacking adequate water drafting facilities. In addition, planning assistance will include a review of a community's current mitigation strategies and activities and an assessment of their emergency response capability, fire fighting capacity, water supply resources, community development patterns, and identification of areas at risk and will result in recommendations that will improve the community's fire protection capability.

Communities benefit as up-to-date rural Water Resource Plans provide a useful tool for planning emergency responses to rural fire situations, and are a framework for community planners to identify priority areas for future installations of water drafting facilities such as dry hydrants and cisterns. Functioning dry hydrants or cisterns in rural areas reduce fire department response time to fires potentially saving lives, reduce risk of injury, and reduce residential, commercial, and wildland property losses.

II. COMMUNITY COLLABORATION

Lakes Region Planning Commission convened key members of the community in December of 2008 to review and update the local Hazard Mitigation plan which had been revised December 2003. The NH Rural Fire Protection Initiative attended the a meeting in December first HMP meeting to request the committee also consider developing a Water Resource Plan and incorporating it into the Hazard Mitigation Plan.

The full committee list can be found in the Hazard Mitigation Plan update completed by Lakes Region Planning Commission. In addition to the committee, the NHRFPI consulted with the NH Division of Forests and Lands to acquire additional input regarding wildfire history for the area.

The NHRFPI met with members of the HMP committee and conducted field work with the fire department to develop the water resource plan.

Summary of meetings:

December 30, 2008: Meeting with Selectmen and fire department personnel to discuss conducting a water resource plan as part of the update of the Hazard Mitigation Plan. Present at the meeting: Bruce Barnard, Selectman and Forest Fire Warden; Maynard Young, Fire Dept.; John Dunkler, Selectman; John Fischer, Fire Chief; Karl Berardi, NHRFPI.

January 6, 2009: Field work doing gps data collection and evaluation of water resource sites. Present: Bruce Barnard, John Dunkler, John Fischer, Karl Berardi.

January 13, 2009: Hazard Mitigation committee meeting. NHRFPI presented the mitigation strategies recommended as result of the field work and assessment of fire fighting capabilities. Present: Bruce Barnard, Travis Austin, Roger Bedard, Maynard Young, Paul Hatch, NHHSEM, Adam Hlasny, LRPC, Pat Tarpey, NHRFPI.

March 20, 2009: Draft plan completed and sent to the Hazard Mitigation Committee for review and comment.

III. COMMUNITY BACKGROUND AND EXISTING SITUATION

Community Profile

County: Grafton

Website: www.hebronnh.org

Regional Planning Commission:

Lakes Region Planning Commission

Selectman Rep. to Planning Board:

John W. Dunklee

Planning Board Rep. to Planning Comm.

Roger Larochelle & Martha Twombly

Emergency Management Director:

John M. Fischer

Community Size:

Total Area (sq. miles): 19.0 sq. mi

Land Area: 16.9 sq. mi

Inland Water Area: 2.1 sq. mi

Population Density: 29.3 persons per square mile (2006)

Resident Population Permanent: 459

Seasonal: 693 (by housing units)

Seasonal Population Change: (circle one)

Less than 10%

Less than 25%

Less than 50%

Greater than 50%

Please specify season with greatest impact: Summer

Community Development Patterns

Number of Lots: 920

Number of Structures: 517

Estimated Acres undeveloped: 3525 (check this - must be much higher)

Areas of town being
developed:

None currently

new building permits issued:

Build out analysis done?

Yes (?)

Road System:

Miles of State & Local roads: ~10 miles State, 10.8 miles local Class V

Class VI and Private 5.3 miles Class VI, 8.5 miles Private

Logging ~ 2.5 miles

Forested Lands within or bordering community

Name of Parcel and type (State, Federal, Local)	Location	# Acres Town/Total	Type of Vegetative Cover
Cockermouth Forest	Groton, near northwest border of Hebron	1000	
Green Acres Woodlands	Plymouth, near northeast border of Hebron	~1100	
Most of Hebron is heavily forested, ~95 % and characterized with steep slopes. The area within the one mile border of Hebron is also mostly undeveloped and heavily forested.			

Fire Protection Capability Assessment:

Emergency Response Capability

Type of Organization:

Paid/ full time

Paid/Part time

The Hebron F.D. is technically
a "call" department

Volunteer

Combination (please describe)

Number of Members:

24

Estimated number of fire responses per yr.:

15 in town, 15 mutual aid

Approximate number of training man-hours per year:

48 hours of training per year

Would you consider recruitment/ retention to be a problem?

Somewhat, it is a concern but not
a major issue

How many fire stations in your community?
within a 5 mile radius of town?

1

1, in Bridgewater

Please list your Fire Apparatus.

Type	Age	Pumping Capacity	Water on Board	Hose Carried
Engine 1	2002	1200 gpm	1000 gallons	1000' 4"; 500' 2 ½"; 400' 1 ¾"
Engine 2	1978	750 gpm	750 gallons	1000' 3"; 500' 2 ½"; 500' 1 ½"
Engine 3	1987	1000 gpm	1250 gallons	1000' 4"; 500' 2 ½"; 400' 1 ½"

Does your department have written Standard Operating Procedures? No

Community Protection Class Rating:

9/10

Last time updated/reviewed?

October 2006

Mutual Aid Response Towns:

Lakes Region Mutual Aid - 35 response towns

Forest Fire Warden

William Robertie

Community Fire/Wildfire History: (include surrounding areas and historically significant fires)

Date	Location	#Acres involved/ \$\$ damage	Cause
2008	Rattlesnake Mountain, Rumney	~50 acres	Unknown - possibly campers
2005	Hebron	~10 acres/ 3 days, expensive	Campers
2005	Groton	~5 acres/very remote, 2 days	Lightning
2004	Hebron	4.6 acres brush	Miscellaneous
2002	Hebron	4 acres brush	Lightning
1998	Hobart Hill	4 acres	Lightning

Fire Fighting Capacity

What is the longest practical hose lay that can be achieved by your department?

2000 feet. With Mutual Aid could add 4000 ft.

Please note the most challenging area of town regarding fire protection:

The entire area of town surrounding the main roads are challenging as most of the town is steeply forested with little access

Please give estimates for the above location in case of a fire:

- Time from alarm to establish a sustained fire flow of 250 gpm:
- Time from alarm to achieve a sustained fire flow of 500 gpm

Methods used to achieve fire flow in this instance.

Number of apparatus

Manpower

Hose Laid

Tanker Shuttle (miles)

For the above incident please list the limiting factor(s) ie: grade, road conditions, distance, seasonal access, proximity of water source.

Water Supply Resources

Please state the number of:

Operating pressurized hydrants:

0

Non operational pressurized hydrants:

0

Operational dry hydrants:

5

Non-operational dry hydrants

1

Are water resource sites used by your community currently mapped?

No

Are Flow Test, Maintenance Records kept on each site? (if applicable)

No

Dry hydrant/cistern installation and/or maintenance program? (please provide copy)

No formal maintenance program

Surface Water Availability (list significant waterbodies)

Location	Description /#acres
Newfound Lake	Large waterbody lying within 4 towns/ 4451 acres total
Cockermouth River	
Spectacle Pond	Pond lying half within Groton, half within Hebron/~53 acres

Hazard Profiling and Identification of Areas at Risk

Do you have more than one "Problem Area?" please list:	
Area:	Reasons:
North Mayhew Turnpike	No year round water source
Beechwood	Poor access to water
Indian Point	Poor access to water
Crystal Spring	Poor access for apparatus
Hillside Inn	Building size and construction

Please list any other special targets or hazards, and are they pre-planned? Hillside Inn Condos, Hebron village store,
Union Congregational Church, Selectmen's office building. Run tables are in place for all area of town
through Lakes Region Mutual Aid
Please describe your mutual aid arrangement: (include a copy if available) Lakes Region Mutual Aid

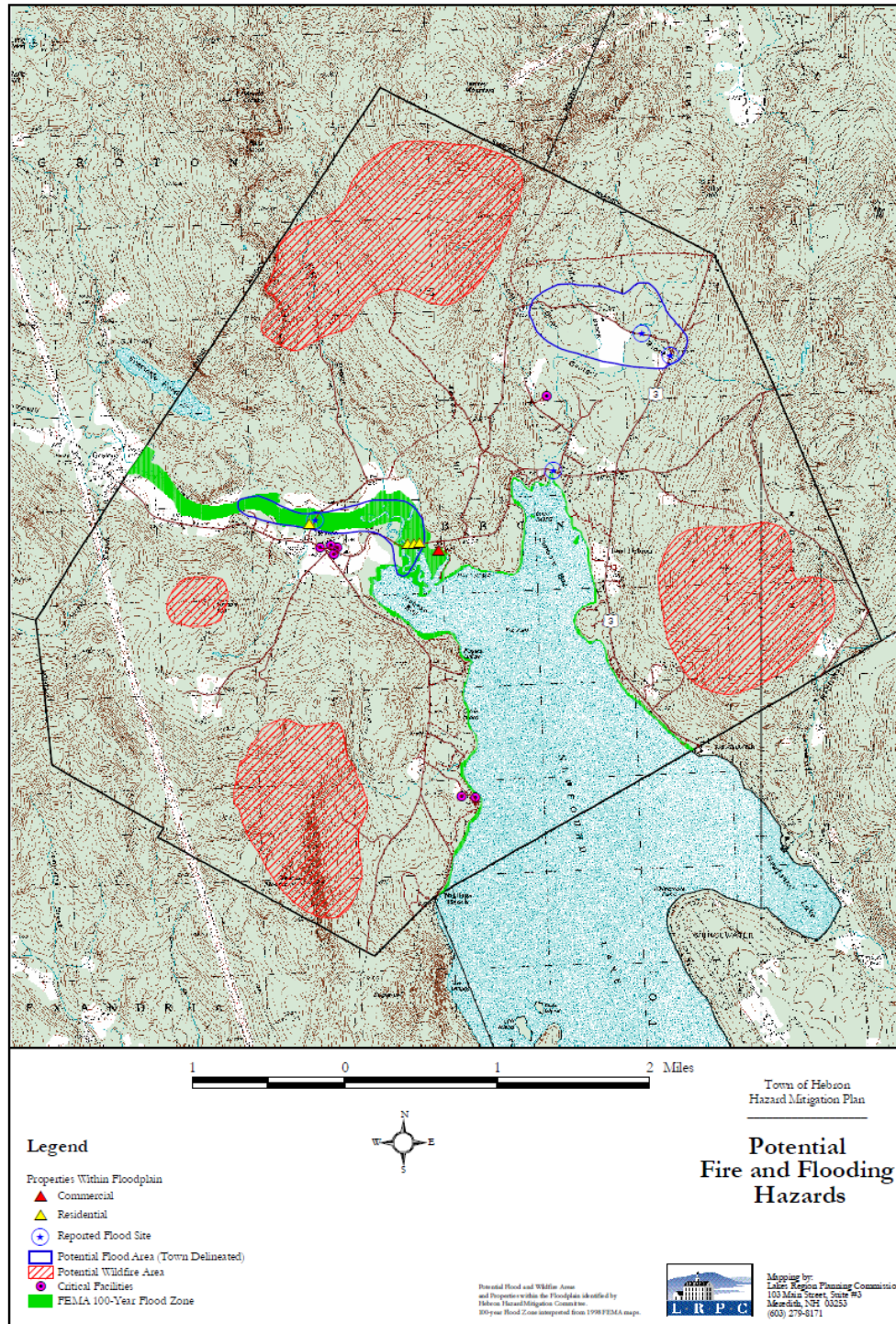
In your opinion has the area of wildland/urban interface increased? Somewhat, Pike Hill Road
Where?

If so, has this increase materially affected the strategy or tactics of the fire department? How? No

Regarding the Wildland/Urban Interface, please list the organizations with which your department collaborates or shares responsibilities:
NH DRED, Hebron Planning Board

IV. COMMUNITY BASE MAP

Base map identifying critical facilities and infrastructure (if available), potential fire and flooding hazards, roads, surface waters, and town boundaries overlaid on USGS Topographic 7.5' series. (Potential Fire and Flooding Hazards map taken from the Town of Hebron 2003 Hazard Mitigation Plan)



V. COMMUNITY FIRE PROTECTION CAPABILITY ASSESSMENT

Executive Summary

excerpted from Hebron Hazard Mitigation Plan, 2003

“The town of Hebron is located in central New Hampshire in Grafton County. Hebron is bordered to the north by Groton, to the east by Plymouth, to the west by Alexandria, and to the south by Bristol and Bridgewater. The town is comprised of approximately 16.8 square miles of land area (12,153 acres). The topography is generally hilly with areas of steep slopes found throughout the town. Approximately 55 percent of the land area in Hebron has some degree of development limitations based on steep slopes (25% slope or greater). The most prominent elevations are found on Hobart Hill, Tenney Hill, and Bear Mountain. Newfound Lake is the largest body of water in the town and this 4,106 acre lake is shared with Bridgewater, Bristol, and Alexandria. Other surface waters in the town include Cilley, Fretts, and Georges Brooks and the Cockermouth River.”

“Excluding roads, structural footprints (houses, commercial buildings, parking lots, etc.) make up less than 1% of the total land area in Hebron. The outlying undeveloped land in Hebron is predominantly comprised of forest and steep slopes. Forestland represents 82% (9,979 acres) of the total land area in Hebron.”

The State of New Hampshire Natural Hazard Mitigation Plan has rated wildfire hazard as a high vulnerability in Grafton County. During this current update of the hazard mitigation plan, the committee has rated the town as moderately vulnerable to wildfire; however, in the 2003 HMP, the committee rated woodland fires as a high risk, as they occur frequently and are of greater magnitude than other hazards. As 82% of the land area in Hebron is forested, the potential for woodland and wildfires is great as is the potential impact area.

Specific areas of concern for woodland fire are the town delineated limited access areas, identified on the *Potential Fire and Flooding Hazards Map* in the hazard mitigation plan and shown on the previous page. The lack of road access in these areas makes fire fighting difficult.

Four categories were assessed for fire protection capability: road system, fire fighting capacity, emergency response capability, and evacuation measures.

Road System – there are ~ 10 miles of Class I and II roads, ~6.5 miles Class V roads, and ~ 6.5 miles Class VI roads. In addition, there are approximately 8.5 miles of Private road. Many areas of town have limited access by road due to steep slopes; these areas are identified on the maps. Hebron does have development restrictions in place for steep slope and very steep slope areas. Currently there are no driveway standards established for residential properties.

Fire Fighting Capacity –. The NHRFPI mapped and evaluated 16 draft sites, 1 fire station, and 6 dry hydrant sites, one of which is nonoperational. Newfound Lake is the largest waterbody in town, and makes up approximately 10% of the total area. Most development and roadway occurs along this waterbody and it is a key resource and attraction for the area.

Emergency Response Capability – Hebron operates an “on call” paid volunteer department. There are 24 members that receive approximately 48 hrs of training per year. There is only one fire station and 3 engine trucks; another station located in Bridgewater is within 5 miles of town. Hebron has a protection class rating of 9/10; a Class 10 rating indicates that the area's fire-suppression program doesn't meet ISO's minimum criteria. The fire department is a member of Lakes Region Mutual Aid.

Evacuation Measures – Route 3A is the major north/south corridor running east of Newfound Lake. The other main roads in town are West Shore Rd. and North Shore Road.

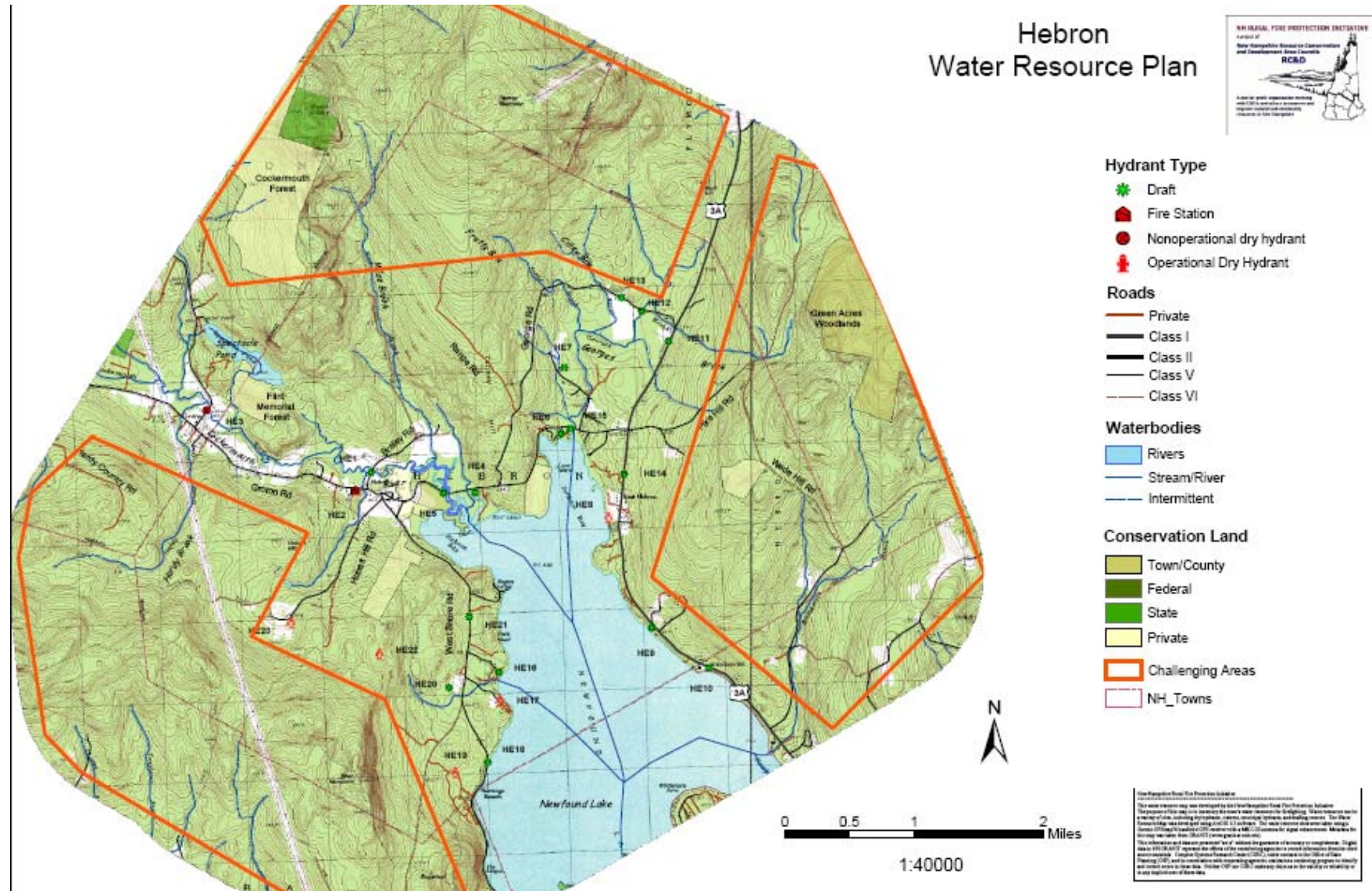
Existing Mitigation Strategies and Proposed Improvements

Existing Program or Activity	Area of Town Covered	Enforcement Department	Effectiveness	Improvements or Changes Needed
Subdivision Regulations - lots of 3-4 or more	Town wide	Planning Board	Good	See mitigation recommendations in WRP
Steep Slopes - development limited on slopes between 15-25%, restricted on slopes greater than 25%	Rural District	Planning Board	Good	
Emergency Preparedness Plan	Town wide			
Police/Fire/EMT Training Programs	Town wide	Police, Fire		See mitigation recommendations in WRP
Hazard Mitigation Plan	Town wide	Selectmen, Planning Board, Fire and Police	Good	Completed in 2003. Currently being updated in 2009.
Master Plan - has detailed land use and natural hazards section	Town wide	Planning Board	Good	Incorporate the WRP in the Master Plan
Capital Improvement Program	Town Wide	Various	Good	Covers projects at values of \$5000 or greater
Mutual Aid	Town wide	Fire Dept.	Good	

Summary of Fire History of Community and/or Adjacent Lands**	
Relative Frequency and Location	Annual brush fires involving several acres
Common Causes	Lightning, miscellaneous, human caused
Values Lost	Unknown
Availability of Resources	Lakes Region Mutual Aid, NH DRED
Factors Influencing Fire Probability	Drought, weather related, human interaction
Areas of Future Concern	All forested steeply sloped areas

VI. COMMUNITY WATER RESOURCE MAP

The Community Water Resource Map is the same as the Community Base Map but with existing and potential water drafting supply sites marked to identify current resources available to local and mutual aid fire personnel for fire fighting purposes.





Site Information Summary

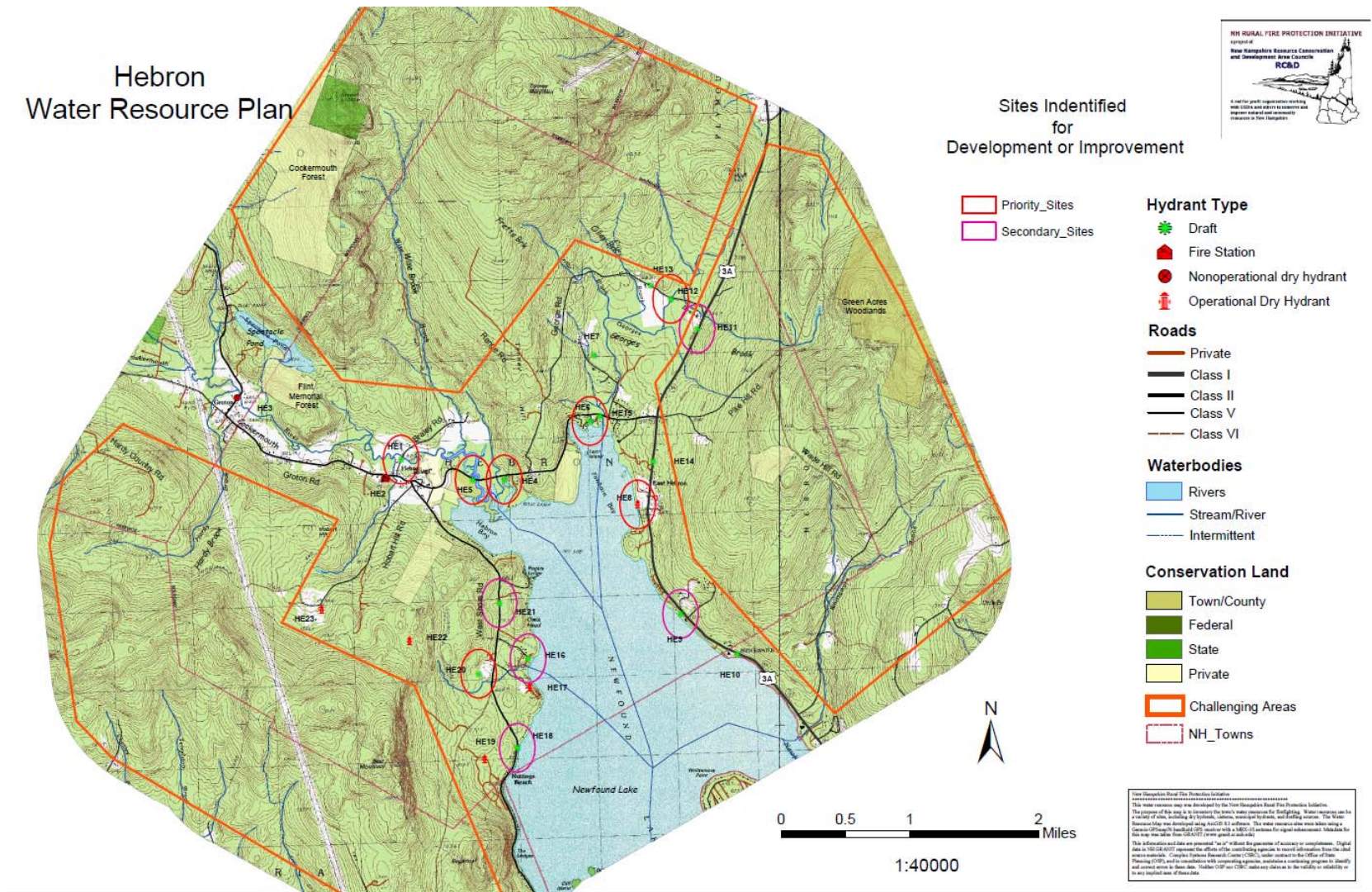
Ident	Site	Location	Elevation (ft)	Name of Waterbody	Property Owner	Fire Load
HE1	Braley Road Bridge	Braley Rd.	600	Cockermouth River	Public ROW	Village/WUI
HE2	Fire Station	Groton Rd.	600	Apparatus	Town	Village/WUI
HE3	Groton Rd. DH	Groton Rd., Groton	618	Cockermouth River	Public ROW	Village/WUI
HE4	Marina Draft Site	N. Shore Rd. at Newfound Marine	604	Newfound Lake	Marina	Village/ Marine Facility
HE5	Cockermouth River Bridge Draft Site	N. Shore Rd.	607	Cockermouth River	Public ROW	Village/Marin Facility
HE6	Crescent Ln. Draft Site	Crescent Lane	618	Newfound Lake	Public ROW	Residences/WUI
HE7	Town Shed Draft Site	Town Shed Drive	687	Wetland	Unknown	Residences/WUI
HE8	Hillside Inn DH	Hillside Drive	623	Newfound Lake	Hillside Inn Condominiums	Residences/WUI
HE9	Camp Pasquaney Draft Site	Mayhew Tpk. South	619	Newfound Lake	Camp Pasquaney	Residences/WUI
HE10	Whippoorwill	Mayhew Tpk. South, Bridgewater	663	Newfound Lake	Whippoorwill Condominiums	Residences/WUI
HE11	Auto Air Draft Site	Mayhew Tpk. North	701	Fire Pond	Barnard	Residences/WUI
HE12	Deep Hole Draft Site	George Rd.	717	Georges Brook	Public ROW	Residences/WUI
HE13	Merrill Farm	George Rd.	705	Possible Fire Pond	Merrill	Residences/WUI
HE14	Camp Mowglis	Mayhew Tpk North		Newfound Lake	Camp Mowglis	Summer Camp
HE15	Riddle Draft Site	North Shore Rd.	609	Georges Brook	Public ROW	Residences/WUI
HE16	Beechwood Community Draft Site	Beechwood Rd.	652	Newfound Lake	Public ROW	Residences/WUI
HE17	Camp Barea DH/ Push Line	Barea Rd.	659	Newfound Lake	Camp Barea	Summer Camp
HE18	Cowern Draft Site	W. Shore Rd.	630	Newfound Lake	Public ROW	Residences/WUI
HE19	Ledges DH	Circle drive	710	Fire Pond	Public ROW	Residences/WUI
HE20	Tyler Pond Draft Site	Camp Wicosuta	701	Fire Pond	Camp Wicosuta	Summer Camp
HE21	Beno Fire Pond	W. Shore Rd.	669	Fire Pond	Beno	Residences/WUI
HE22	Kill Mountan Rd. DH	Kill Mountain Rd	1174	Fire Pond	Public ROW	Residences/WUI
HE23	Valley View DH	Valley View Rd.	1056	Fire Pond	Public ROW	Residences/WUI

Site Information Summary (continued)

Ident	Site Access	Hydrant_type	Site_situation	H2o_source	Comments	Future_Plans
HE1	Paved	Draft	Proposed DH Site	River	Unlimited water supply; DH Constructed with bridge	
HE2	Paved	Fire Station	Community Fire Station	Apparatus		
HE3	Gravel	Nonoperational dry hydrant	6" PVC (discontinued)	River	Unlimited water supply, Discontinued DH	See Town of Groton HMP
HE4	Paved	Draft	Current Draft Site	Lake	Unlimited water supply	Dry Hydrant(s) Planned
HE5	Paved	Draft	Current Draft Site	River	Unlimited water supply	Proposed DH Site
HE6	Paved	Draft	Current Draft Site	Lake	Unlimited water supply	Good DH Site
HE7	Gravel	Draft	Seasonal Draft Site	Wetland/Stream	May be Seasonal	Possible DH/ Pond Site
HE8	Paved	Operational Dry Hydrant	8" Steel, 600' push line	Lake	Unlimited water supply; Water System designed for increasing grade	Review push line operation
HE9	Gravel	Draft	Current Draft Site	Lake	Unlimited water supply	Possible DH Site
HE10	Paved	Draft site, also FD access to Water System	FD connection	600 g. Water System/ Lake	Lake draft site/ 600 gallon Water tank	
HE11	Gravel	Draft	Remote, Seasonal Draft Site	Fire Pond	Unlimited water supply	
HE12	Gravel	Draft	Current Draft Site	Wetland/Stream	May be Seasonal	Possible DH Site
HE13	Gravel	Draft	Former Fire Pond	Possible former fire pond		Possible DH/ Pond Site
HE14	Gravel	Draft	Current Draft Site	Lake	Unlimited water supply	Possible DH Site
HE15	Paved	Draft	Current Draft Site	Stream	May be Seasonal	
HE16	Paved	Draft	Current Draft Site	Lake	Unlimited water supply	Possible DH Site
HE17	Paved	Operational Dry Hydrant	push line	Lake	Unlimited water supply	
HE18	Paved	Draft	Current Draft Site	Lake	Unlimited water supply	Possible DH Site
HE19	Paved	Operational Dry Hydrant	6" PVC	Fire Pond	Unlimited water supply; new construction for subdivision	
HE20	Gravel	Draft	Current Draft Site	Fire Pond	Unlimited water supply	Good DH Site
HE21	Paved	Draft	Current Draft Site	Fire Pond	Unlimited water supply	Possible DH Site
HE22	Paved	Operational Dry Hydrant	6" PVC	Fire Pond	Unlimited water supply; new construction for subdivision	
HE23	Paved	Operational Dry Hydrant	6" PVC	Fire Pond	Unlimited water supply; Recent Construction	

Selected Sites Identified for Hydrant Projects

The sites identified for development of dry hydrant installations listed in the following table do not encompass all of the potential projects or sites which the town of Hebron should consider for improvement of water drafting facilities. The sites identified on the map below and in the following table represent those sites considered most important for immediate consideration due to either high population density, community development patterns, only a seasonal supply of water, or field site evaluations determined they would make good dry hydrant sites.



VII. MITIGATION RECOMMENDATIONS

Executive Summary

The following recommendations were developed by the Rural Fire Protection Planning Team as a result of the Community Fire Protection Capability Assessment and field work site evaluations. The recommendations have been provided to the Hazard Mitigation Committee to be reviewed, prioritized and an implementation strategy developed as part of the Hazard Mitigation Plan. The foundational information was gathered from the community's Master Plan, hazard mitigation information, assessment of fire issues/needs survey, zoning regulations, fire dept. incident list and input from community officials and stakeholders.

Proposed Community Mitigation Actions

Name of Potential Action	Description of Potential Action	Affected Location	Rationale
Repair or replacement of Dry Hydrant system:	HE8: Review operation of "Push Line at Hillside Inn Dr.	Hillside Inn Dr.	Dry hydrant provides water source for 24 condominium units - but is required to push water up hill. Needs to be reviewed and tested.
Install Dry Hydrant	Construct freeze protected dry hydrant systems at: HE1: Braley Rd. bridge HE4: Newfound Marine, N. Shore Rd. HE5: Cockermouth River Bridge, N. Shore Rd. HE6: Crescent Ln. HE12: George Rd. HE20: Camp Wicosuta, Tyler Pond	Braley Rd./Village Marina N. Shore Rd. Crescent Ln. George Rd. Camp Wicosuta	Braley Road is a dead end road, one access in and near the village area. Installation of hydrants is currently underway at HE1 and HE4. Crescent Lane is densely populated.
Investigate possibility of constructing Dry Hydrant systems	Gather information relevant for hydrant construction; i.e. seasonal water level, area available for apparatus, static lift etc. at: HE9: Camp Pasquaney HE11: Auto Air, Mayhew Tpk. North HE16: Beechwood Community, Oak Ln. HE18: Cowern Draft Site, W. Shore Rd. HE21: Beno Fire Pond, W. Shore Rd.	Camp Pasquaney Mayhew Tpk. North Oak Ln. W. Shore Rd.	These sites were considered to be "good" or "possible" Dry Hydrant Sites" and represent more of a challenge, for a variety of reasons, than the sites mentioned above. Difficulty of construction and expense will determine site selection. There are few water sources in the Mayhew Tpk. North area Beechwood Community is heavily developed.
Install cistern(s)	Consider an inventory of sites that can only be served by cisterns.	Town Wide	In some areas, because of elevation, and distance from other water sources cisterns may be necessary.

Name of Potential Action	Description of Potential Action	Affected Location	Rationale
Dry Hydrant and Fire Pond Maintenance Program	Establish a dry hydrant/fire pond maintenance program that will include records kept of semi-annual or annual flow tests on each hydrant and cleaning or maintenance dredging of fire ponds	Town wide	Reference NFPA 1142: Standard on Water Supplies for Suburban and Rural Fire Fighting; 2007 edition
Subdivision Regulations for Fire Protection	Adoption or amendment of subdivision regulations to require onsite water storage, minimum fire flow, fire breaks in wildland/urban interface areas.	Town wide	International Wildland/Urban Interface Code 2006. i.e. Ch. 4 Wildland/Urban Interface Area Requirements (included in CD with plan)
Incorporate the Water Resource Plan into the Master Plan	Encourage referral to Water Resource Plan and maps by Planning Board when reviewing subdivision proposals	Town wide	The Master Plan is a guide and public record of the development principles for the town. The Water Resource Plan addresses strategies to be implemented that reflect changes in population or land use, which may affect fire department strategy, particularly in regards to the wildland/urban interface (WUI)
Class VI roads	Assess and maintain condition of Class VI roads - access, turnarounds, seasonal issues	Class VI roads	Improve and maintain ability to access as fire lanes
Mapping of wood roads	Map and assess water sites and other resources along woods roads and trails for wildland firefighting.	Remote forested areas	Mapping of access points and roads would be helpful in improving emergency response to these remote areas
Fire Department Training	Implement program to provide training to fire personnel on wildland fire suppression, dry hydrant design, site evaluations of water resources, etc.	Town wide	Improved Emergency Response
Driveway Standards	Consider establishing driveway standards that address access by emergency vehicles. Driveway width, slope and overhead clearance are examples of concern which can impede emergency response to residential homes in remote and difficult access areas.	Town wide	Reference NFPA 1: Uniform Fire Code and NFPA 1144: Standard for Protection of Life and Property from Wildfire; 2002 edition
Homeowner Education	Educate homeowners on "Firewise Communities" program, promote installation of fire ponds in remote areas and use of easements to Fire Dept. for access	Town wide	

VIII. EVALUATION AND SUSTAINABILITY

Evaluation Strategy

In order to track progress on the recommended mitigation actions and the implementation strategy developed, it is recommended that the Town of Hebron review the water resource plan on an annual basis. This should be initiated by the Emergency Management Director seeking input and updates from the Fire Department, Planning Dept. and Board of Selectmen, as well as inviting public comment. As priorities or funding resources may change, the plan should be amended to reflect those changes.

Sustainability Plan

This plan will be adopted by the Board of Selectmen and become an addendum to the Hazard Mitigation Plan. Therefore procedures and mechanisms in place for updating, monitoring, and sustaining the Hazard Mitigation Plan will also apply to the Water Resource Plan.

It is also recommended that the Water Resource Plan be incorporated into the town's Master Plan, as the mitigation strategies listed serve as recommendations to better enable the town to plan for future growth.

IX. APPENDICES

- A. OVERVIEW OF PROCESS AND COMMITTEE MEETINGS
- B. WATER RESOURCE MAPS
- C. WATER RESOURCE SITE EVALUATION SHEETS
- D. DRY HYDRANT DESIGNS
- E. DRY HYDRANT INFORMATION
- F. EASEMENT INFORMATION
- G. NH D.E.S. WETLANDS INFORMATION
- H. I.S.O. INFORMATION
- I. WILDLAND/URBAN INTERFACE MITIGATION INFORMATION
- J. REFERENCES