



Natural Resource Inventory Appendix A

Comprehensive Shoreland Protection Act

(Include summary sheet from DES website)



Natural Resource Inventory Appendix B

Prime Wetlands Designation

*(Include RSA 482-A:15 Chapter Wt 700 of the NH Code of
Administrative Rules)*



Natural Resource Inventory Appendix C

Drinking Water Source Assessment Report

(Information available for all towns from DES)



Natural Resource Inventory Appendix D

Potential and Existing Sources of Groundwater Contamination

(Information available for all towns from DES)



Natural Resource Inventory Appendix E

Local Resource Protection Priorities

Local Resource Protection Priorities

The Regional Planning Commissions created the Local Resource Protection Priorities data layer in 1998-99 with funding from the Department of Environmental Services (DES) in order to support statewide land conservation efforts, such as LCHIP, and to improve the protection of valuable resources. DES and the Regional Planning Commissions initiated an update of this data in March, 2004. This update to the data layer will be made available to the public on the GRANIT website.

The Conservation Commission, with input from the Gilmanton Land Trust, reviewed and corrected the original data, and added new locations. The original data is listed first in the table on the next page followed by the new data.

NAME	REASON	SOURCE	NAT./ CULT.
LOON POND	SCENIC, WATER QUALITY, RECREATION, PARTIALLY PROTECTED	GILMANTON LAND TRUST	N
SHELLCAMP POND WETLANDS	WATER QUALITY, WILDLIFE, PARTIALLY PROTECTED	GILMANTON LAND TRUST	N
CRYSTAL LAKE	WATER QUALITY, SCENIC, RECREATION	GILMANTON LAND TRUST	N
MEETINGHOUSE POND	WATER QUALITY, SCENIC, WILDLIFE	GILMANTON LAND TRUST	N
SUNCOOK RIVER	WATER QUALITY, WILDLIFE, SCENIC, RECREATION, FISHING	GILMANTON LAND TRUST	N
KIMBALL BROOK & ASSOCIATED WETLANDS	HEADWATERS OF SOUHOOK RIVER, WATER QUALITY, FLOOD CONTROL, WILDLIFE	GILMANTON LAND TRUST	N
LOON POND BROOK & ASSOCIATED WETLANDS	WATER QUALITY, FLOOD CONTROL, WILDLIFE, HEADWATERS OF SOUHOOK RIVER	GILMANTON LAND TRUST	N
ACADEMY BROOK	WATER QUALITY, FLOOD CONTROL, HEADWATERS OF SOUHOOK RIVER	GILMANTON LAND TRUST	N
NELSON BROOK, POND & ASSOCIATED WETLANDS	HEADWATERS OF SUNCOOK RIVER, WATER QUALITY, FLOOD CONTROL, WILDLIFE, FORESTRY	GILMANTON LAND TRUST	N
NIGHTHAWK HOLLOW BROOK & ASSOCIATED WETLANDS	AQUIFER, WATER QUALITY, WILDLIFE	GILMANTON LAND TRUST	N
SUNCOOK FLATS AQUIFER	FUTURE WATER SUPPLY	GILMANTON LAND TRUST	N
RTE. 106 AQUIFER	FUTURE WATER SUPPLY	GILMANTON LAND TRUST	N
DURRELL MT ROAD AREA	SCENIC, WILDLIFE, FORESTRY, HEADWATERS OF NELSON BROOK, SOME IS PROTECTED	GILMANTON LAND TRUST	N
PEAKED HILL	SCENIC, HISTORIC	GILMANTON LAND TRUST	N
PANCAKE HILL/LADD'S LEDGE	SCENIC, WILDLIFE, FORESTRY, AGRICULTURE	GILMANTON LAND TRUST	N
GUINEA RIDGE	SCENIC, AGRICULTURE, WILDLIFE, VIEWS, RURAL CHARACTER	GILMANTON LAND TRUST	N
FRISKY HILL	SCENIC PANORAMA OF BELKNAPS, AGRICULTURE, FORESTRY, WILDLIFE, HISTORIC, RURAL CHARACTER	GILMANTON LAND TRUST	N
DAWSON FARM	AGRICULTURE, SCENIC, RURAL CHARACTER	GILMANTON LAND TRUST	N
POTTER FARM	AGRICULTURE, FORESTRY, WILDLIFE, SCENIC, RURAL CHARACTER, HISTORIC	GILMANTON LAND TRUST	N
PRICE FARM & SUGAR HOUSE	AGRICULTURE, FORESTRY, SCENIC, RURAL CHARACTER	GILMANTON LAND TRUST	N
BOSIAK FARM	AGRICULTURE, FORESTRY, , RURAL CHARACTER	GILMANTON LAND TRUST	N
KARDINAL FARM	AGRICULTURE, SCENIC, RURAL CHARACTER	GILMANTON LAND TRUST	N

WARBURTON FARM	AGRICULTURE, RURAL CHARACTER	GILMANTON LAND TRUST	N
PERKINS FARM	AGRICULTURE, FORESTRY, VIEW, RURAL CHARACTER, FISHING, PARTIALLY PROTECTED	GILMANTON LAND TRUST	N
ROLLINS POND	VIEW FROM NH RTE 129, WATER QUALITY, RECREATION	GILMANTON LAND TRUST	N
RTE 107 SOUTH OF NH RTE 129	VIEW, AGRICULTURE, HISTORIC	GILMANTON LAND TRUST	N
RTE 140 FORESTS FROM IRON WORKS TO ALTON	SCENIC, FORESTRY, WILDLIFE	GILMANTON LAND TRUST	N
GILMANTON ACADEMY	LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES	GILMANTON LAND TRUST	C
OLD TOWN HALL	IMPORTANT LOCATION OF COMMUNITY ACTIVITIES	GILMANTON LAND TRUST	C
LIBRARY-IRON WORKS		GILMANTON LAND TRUST	N
LIBRARY-CORNERS		GILMANTON LAND TRUST	N
CHURCH-IRON WORKS		GILMANTON LAND TRUST	N
CHURCH-CORNERS		GILMANTON LAND TRUST	N
SMITH MEETING HOUSE COMPLEX	HISTORIC, SCENIC	GILMANTON LAND TRUST	C
TEMPERANCE TAVERN	HISTORIC	GILMANTON LAND TRUST	C
OLD HOUSES IN THE CORNER VILLAGE	32 OLD HOUSES DATING FROM C.1790-1880	GILMANTON LAND TRUST	C
OLD HOUSES IN THE IRON WORKS VILLAGE		GILMANTON LAND TRUST	C
OLD FIRE STATION		GILMANTON LAND TRUST	N
MILL SITE-ALLENS MILLS		CONSERVATION COMMISSION	C
MOORE FARM	AGRICULTURE, SCENIC, RURAL CHARACTER	CONSERVATION COMMISSION	N
TOWNLIN WETLAND NEAR ROLLINS POND	WATER QUALITY, FLOOD CONTROL, ECOLOGICAL, RECREATIONAL	CONSERVATION COMMISSION	N
FRENCH FARM	FORESTRY, AGRICULTURE	CONSERVATION COMMISSION	N
KELLEY SCHOOL	HISTORIC STRUCTURE	CONSERVATION COMMISSION	C
SANBORN FARM	AGRICULTURE, VIEW, RURAL CHARACTER	CONSERVATION COMMISSION	N
PARSONS FARM	SCENIC VIEW, RURAL CHARACTER, HISTORIC	CONSERVATION COMMISSION	N
KELLEY FARM	SCENIC, AGRICULTURE, WILDLIFE, RURAL CHARACTER	CONSERVATION COMMISSION	N
PINE HILL	FORESTRY, WILDLIFE, SCENIC, HISTORICAL	CONSERVATION COMMISSION	N
MUDGETT SITE	SITE OF THE FIRST SETTLERS	HISTORIC SOCIETY AND CONSERVATION COMMISSION	C
BAPTIST CHURCH	HISTORICAL, NATIONAL REGISTRY OF HISTORICAL PLACES	CONSERVATION COMMISSION	C

BROWN ORCHARD/ MILITIA TRAINING FIELD	VIEW, AGRICULTURE, WILDLIFE, HISTORIC	CONSERVATION COMMISSION	N
GEDDES FARM	AGRICULTURE, WILDLIFE, VIEW, RURAL CHARACTER	CONSERVATION COMMISSION	N
GREENE FARM	HISTORIC, SCENIC, AGRICULTURE	CONSERVATION COMMISSION	N
JONES FARM	SCENIC, AGRICULTURE, WILDLIFE, RECREATION, ALMOST ALL IS PROTECTED	CONSERVATION COMMISSION	N
GARDNER'S COVE	SCENIC, WILDLIFE, RECREATION	CONSERVATION COMMISSION	N
JOE JONES ROAD	SCENIC	CONSERVATION COMMISSION	C
HERMAN PAGE FARM	HISTORIC, WETLANDS	CONSERVATION COMMISSION	N
GALE PAGE LEVESQUE FARM	AGRICULTURE	CONSERVATION COMMISSION	N
HIDDEN VALLEY RESERVATION	WILDLIFE, FORESTRY, RECREATION, MOST IS PROTECTED	CONSERVATION COMMISSION	N
COGSWELL MOUNTAIN CONSERVATION AREA	SCENIC, AGRICULTURE, FORESTRY, WILDLIFE, LARGE BEAVER POND, NEAR SCHOOL, EXTENSIVE WETLANDS, OVER 300 ACRES PROTECTED	CONSERVATION COMMISSION	N
MUNSEY KINCAID FARM	OLD SAW MILL	CONSERVATION COMMISSION	N
ADDITIONS IN 2004			
BEAN ROAD WETLANDS	WATER QUALITY, FLOOD CONTROL, WILDLIFE	CONSERVATION COMMISSION	N
SUNCOOK FLATS WETLANDS	WATER SUPPLY, WATER QUALITY, FLOOD CONTROL, WILDLIFE, SCENIC	CONSERVATION COMMISSION	N
HIDDEN VALLEY WETLANDS	WATER QUALITY, FLOOD CONTROL, WILDLIFE, SCENIC	CONSERVATION COMMISSION	N
KELLEY'S MEADOWS	WETLANDS, SCENIC, WATER QUALITY, WILDLIFE	CONSERVATION COMMISSION	N
MIDDLE ROUTE WETLAND /BEAVER POND	SCENIC, HERON ROOKERY, WATER QUALITY, WILDLIFE	CONSERVATION COMMISSION	N
THOMPSON TOWN FOREST	FORESTRY, WILDLIFE, RECREATION, HISTORICAL	CONSERVATION COMMISSION	N
PINE HILL TOWN FORESTS	FORESTRY, WILDLIFE, RECREATION, HISTORICAL	CONSERVATION COMMISSION	N
AYERS BROOK TOWN FORESTS	WATER QUALITY, FORESTRY, WILDLIFE	CONSERVATION COMMISSION	N
NELSON BROOK TOWN FOREST	WATER QUALITY, FORESTRY, WILDLIFE	CONSERVATION COMMISSION	N
ELIZABETH "BETTY" SMITHERS TOWN	FORESTRY, WILDLIFE, RECREATION	CONSERVATION COMMISSION	N

FOREST			
GRANT HILL	SCENIC, WILDLIFE, FORESTRY	CONSERVATION COMMISSION	N
HALLS HILL	SCENIC VIEW	CONSERVATION COMMISSION	N
BELKNAP RANGE AS SEEN FROM MANY PARTS OF TOWN	SCENIC VIEW, FORESTRY, WILDLIFE, RECREATION	CONSERVATION COMMISSION	N
MANNING LAKE	ABOUT HALF OF SHORELINE PROTECTED, SCENIC, WATER QUALITY, RECREATION, FISHING	CONSERVATION COMMISSION	N
STAGE ROAD FIELDS	SCENIC, AGRICULTURE	CONSERVATION COMMISSION	N
FOSS FARM	SCENIC, AGRICULTURE, FORESTRY, MOST IS PROTECTED	CONSERVATION COMMISSION	N
MEADOW POND ROAD	SCENIC	CONSERVATION COMMISSION	N
KETTLE HOLE PONDS BY CRYSTAL LAKE	UNIQUE ECOSYSTEM	CONSERVATION COMMISSION	N
CURRIER HILL ROAD	SCENIC, HISTORIC, OLD SUGAR MAPLES	CONSERVATION COMMISSION	N
STOCKWELL HILL	VIEWS, AGRICULTURE	CONSERVATION COMMISSION	N
SAWYER LAKE	RECREATION, WATER QUALITY	CONSERVATION COMMISSION	N
LAKE EILEEN	RECREATION, WATER QUALITY, SCENIC	CONSERVATION COMMISSION	N
SUNSET LAKE	RECREATION, WATER QUALITY, SCENIC	CONSERVATION COMMISSION	N



Natural Resource Inventory Appendix F

Resources

RESOURCES

AGENCIES AND ORGANIZATIONS

Audubon Society of New Hampshire
3 Silk Farm Road
Concord NH 03301
603-224-9909
www.nhaidubon.org

Lakes Region Planning Commission
Humiston Building
103 Main St., Suite 3
Meredith NH 03253-5862
603-279-8171
www.lakesrpc.org

NH Fish and Game Department
2 Hazen Drive
Concord NH 03301
603-271-3421
www.wildlife.state.nh.us

NH Association of Conservation Commissions
54 Portsmouth Street
Concord NH 03301
603-224-7867

NH Natural Heritage Inventory
172 Pembroke Road
PO Box 1965
Concord NH 03302-1965
603-271-3623
http://www.nhdf.org/organization/div_nhnhi.htm

New England Wildflower Society
180 Hemenway Road
Framingham MA 01701
508-877-7630
www.newfs.org

UNH Cooperative Extension
Belknap County
36 Country Drive
Laconia NH 03246
603-524-5475

USDA NRCS and County Conservation District
Federal Building
719 North Main Street, Rm. 203
Laconia NH 03246
603-528-8713

PUBLICATIONS

Best Management Practices for Erosion Control on Timber Harvesting Operations in NH. 1996. J. B. Cullen. NH Division of Forests and Lands and UNH Cooperative Extension.

Best Management Practices to Control Nonpoint Source Pollution: A Guide for Citizens and Town Officials. 2004. Watershed Assistance Section, NH Department of Environmental Services

Buffer Zones and Beyond: Wildlife Use of Wetland Buffer Zones and Their Protection under the Massachusetts Wetlands Protection Act. 2001. Lynn Boyd. University of Massachusetts, Amherst. This report is available online under "Online Resources" at www.umass.edu/umext/nrec/pages/biodiver.html.

Buffers for Wetlands and Surface Waters; A Guide for New Hampshire Municipalities. 1997-revised edition. Vicki Chase, Laura Deming and Francesca Latawiec. Audubon Society of New Hampshire.

Classification of Wetlands and Deepwater Habitats of the United States. 1979, Cowardin et al., US Fish and Wildlife Service.

The Conservation Easement Stewardship Guide: Designing, Monitoring and Enforcing Easements. 1991. Land Trust Alliance. ISBN 0-943915-07-04.

Conservation Options: A Landowner's Guide. 2000. Land Trust Alliance.

Conserving the Family Farm, 2002, Annette Lorraine, NH Coalition for Sustaining Agriculture, UNH Cooperative Extension.

Does Open Space Pay? 1996. Phil Auger. UNH Cooperative Extension.

A Field Guide to the Animals of Vernal Pools. 2001. Leo P. Kenney and Mathew R. Burne. Massachusetts Division of Fisheries and Wildlife.

Gilmanton Cornerstones. 1990. New Hampshire State Library.

Good Forestry in the Granite State: Recommended Voluntary Forest Management Practices for New Hampshire. 1997. NH Division of Forests and Lands and the Society for the Protection of NH Forests.

A Guide to Developing and Re-Developing Shoreland Property in New Hampshire: A Blueprint to Help You Live by the Water. 1999. Raymond Lobdell, North Country and Southern NH Resource Conservation and Development Area Councils.

Handbook for Municipal Conservation Commissions in New Hampshire. 1997. Marjorie M. Swope. NH Association of Conservation Commissions.

How Greenways Work: A Handbook on Ecology. 1992 Jonathan M. Larabee. National Park Service and the Quebec-Labrador Foundation's Atlantic Center for the Environment.

Identification and Documentation of Vernal Pools in New Hampshire. 1991. Anne Tappan, NH Fish and Game Department, Nongame and Endangered Wildlife Program.

Identifying and Protecting New Hampshire's Significant Wildlife Habitat, 2001. John Kanter, Rebecca Suomala, Ellen Snyder, NH Fish and Game Department, Nongame and Endangered Wildlife Program.

Lake Winnepesaukee Watershed Project Model Ordinance Manual. 1994. Lakes Region Planning Commission.

Method for the Comparative Evaluation of Nontidal Wetlands in New Hampshire (NH Method). 1991. Alan P. Amman, Ph.D. and Amanda Lindley Stone (1991). NH Department of Environmental Services.

Natural Resource Inventories: A Guide for New Hampshire Communities and Conservation Groups. 2001. Amanda Lindley Stone. University of New Hampshire Cooperative Extension.

New England Wildlife: Habitat, Natural History and Distribution. 2001 Richard M. DeGraaf and Mariko Yamasaki. University Press of New England. ISBN 0-87451-957-8.

New Hampshire Land Cover Assessment. 2002. Complex Systems Research Center, UNH.

New Hampshire's Living Legacy: The Biodiversity of the Granite State. 1996. Edited by James Taylor, Thomas D. Lee and Laura Falk McCarthy. NH Fish and Game Department, Nongame and Endangered Wildlife Program.

Overview of Natural Communities in NH. 2001. Daniel D. Speruto and Katherine F. Crowley. NH Natural Heritage Bureau, Division of Forests and Lands.

Report on the Voices of Communities Experiencing Rapid Change, 2004. Center for Integrative Regional Problem Solving, UNH, Durham.

Riparian Buffers for the Connecticut River Watershed, a series of fact sheets, 1998. Connecticut River Joint Commission, PO Box 1182, Charlestown NH 03603, www.crjc.org

Riparian Forest Buffers: Function and Design for Protection and Enhancement of Water Resources. USDA Forest Service.

Saving Special Places: Community Funding for Land Conservation. 2002. Brian Hart and Dorothy Tripp Taylor. Society for the Protection of New Hampshire Forests (SPNHF).

Stormwater Management and Erosion and Sediment Control Handbook for Urban and Developing Areas in New Hampshire. 1992. USDA Soil Conservation Service.

Stream Maintenance Guides for Towns and Landowners. 1999. NH Office of Emergency Management.

MISCELLANEOUS WEBSITES

Belknap County Conservation District; www.belknapccd.org

Department of Environmental Services; www.des.state.nh.us

GRANIT; www.granit.sr.unh.edu

Natural Heritage Bureau; www.nhdf.org/organization/div_nhnhi.htm

Natural Resource Conservation Service (NRCS); www.nh.nrcs.usda.gov

New Hampshire State Laws – available online at www.gencourt.state.nh.us/rsa.

Office of Energy and Planning <http://www.nh.gov/oep/index.htm>

Society for the Protection of NH Forests; www.forestsociety.org

UNH Cooperative Extension; <http://ceinfo.unh.edu/>



Natural Resource Inventory Appendix G

Map Notes and Data Sources

Map Notes and Data Sources

Please note that the maps included in this report, as well as additional ones, are also available at the Gilmanton Town Hall at a scale of 1 inch = 2000 feet.

Most of the data found in the following maps represents stock data sets obtained in 2002 from the NH GRANIT database as maintained by the Complex Systems Research Center (CSRC) at the University of New Hampshire (UNH). The New Hampshire Geographically Referenced Analysis and Information Transfer System (NH GRANIT) is a cooperative project to create, maintain, and make available a statewide geographic database serving the information needs of state, regional and local decision makers. A collaborative effort between the University of New Hampshire and the NH Office of Energy and Planning (OEP), the core GRANIT System is housed at the UNH Institute for the Study of Earth, Oceans, and Space in Durham. The GRANIT approach to a statewide GIS depends upon the cooperative efforts of a host of agencies, collaborating on various elements of database design and construction as well as application development.

NH GRANIT and CSRC maintain a continuing program to identify and correct any errors in these data. CSRC, the Town of Gilmanton and the cooperating agencies make no claim as to the validity or reliability or to any implied uses of these data.

Data Source Details

- Conservation Lands (2/2003) include stock GRANIT data as well as parcels digitized by the Lakes Region Planning Commission and SPNHF from town tax maps and surveys.
- Roads derived from NH DOT roads layer (5/2002) and USGS digital line graphs with corrections and updates identified by the Town of Gilmanton and digitized by SPNHF.
- Streams derived from stock GRANIT stream layer (1968) with corrections and updates as identified by the Town of Gilmanton.
- Watershed boundaries were compiled and automated by the Water Management Bureau of the Water Resources Division, and are based on watersheds originally delineated at a scale of 1:250,000 by the US Natural Resources Conservation Service. Last revision, February, 1994.
- Transmissivity quantifies the ability of an aquifer to transmit water, measured in feet squared per day. This data was automated from maps generated as part of a large study of groundwater resources in the state. The study was conducted under a cooperative agreement between the US Geological Survey and the NH Department of Environmental Services, Water Resources Division. Last revision, February, 2000.
- Public Drinking Water and Contamination Sites data is distributed by the New Hampshire Department of Environmental Services. Last revision date, November, 2003.
- Groundwater Hazards Inventory, New Hampshire Department of Environmental Services. Last revision date, December, 2003.

- Surface Water data derived from USGS digital line graphs. Last revised, October, 1995.
- Land Cover data from satellite images acquired by the Landsat Thematic Mapper between 1990 and 1999 form the basis of the classification, augmented where possible by digital aerial photography, digital raster scans of USGS quadrangles, vector data layers archived by the GRANIT database, digital elevation models and field data collection. Last revision, December, 2001.
- National Wetland Inventory (NWI). Wetlands mapped by the US Fish and Wildlife Service based on aerial photography. Last revision, Summer, 2001.
- REPP (Regional Environmental Protection Priorities) data. In 1998, Gilmanton joined with other Lakes Region communities in a project to identify important cultural and natural resource priorities. This list was updated in 2004. Water resource priorities from this list have been included on the Drinking Water Resources map. Please see Appendix E for a complete listing.
- The maps in this document were produced by the Gilmanton Conservation Commission with assistance from Blue Moon Environmental, Inc., the Gilmanton School and the Society for the Protection of New Hampshire Forests.



Gilmanton, New Hampshire Natural Resource Inventory

Maps