

Chichester Natural Resources Inventory

Water Resources

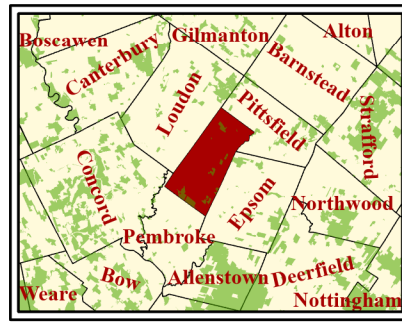
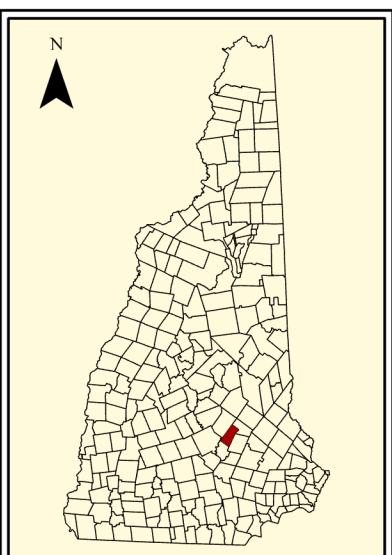
Legend

- Roads
- Streams
- Ponds
- High Value Wetlands
- Wetlands
- Chichester Boundary
- Town-owned and Conservation Lands
- Sub-watersheds
- Watersheds (HUC 10)

Flood Hazards

- 100-year floodplain
- 500-year floodplain

0 1/4 1/2 1 Mi

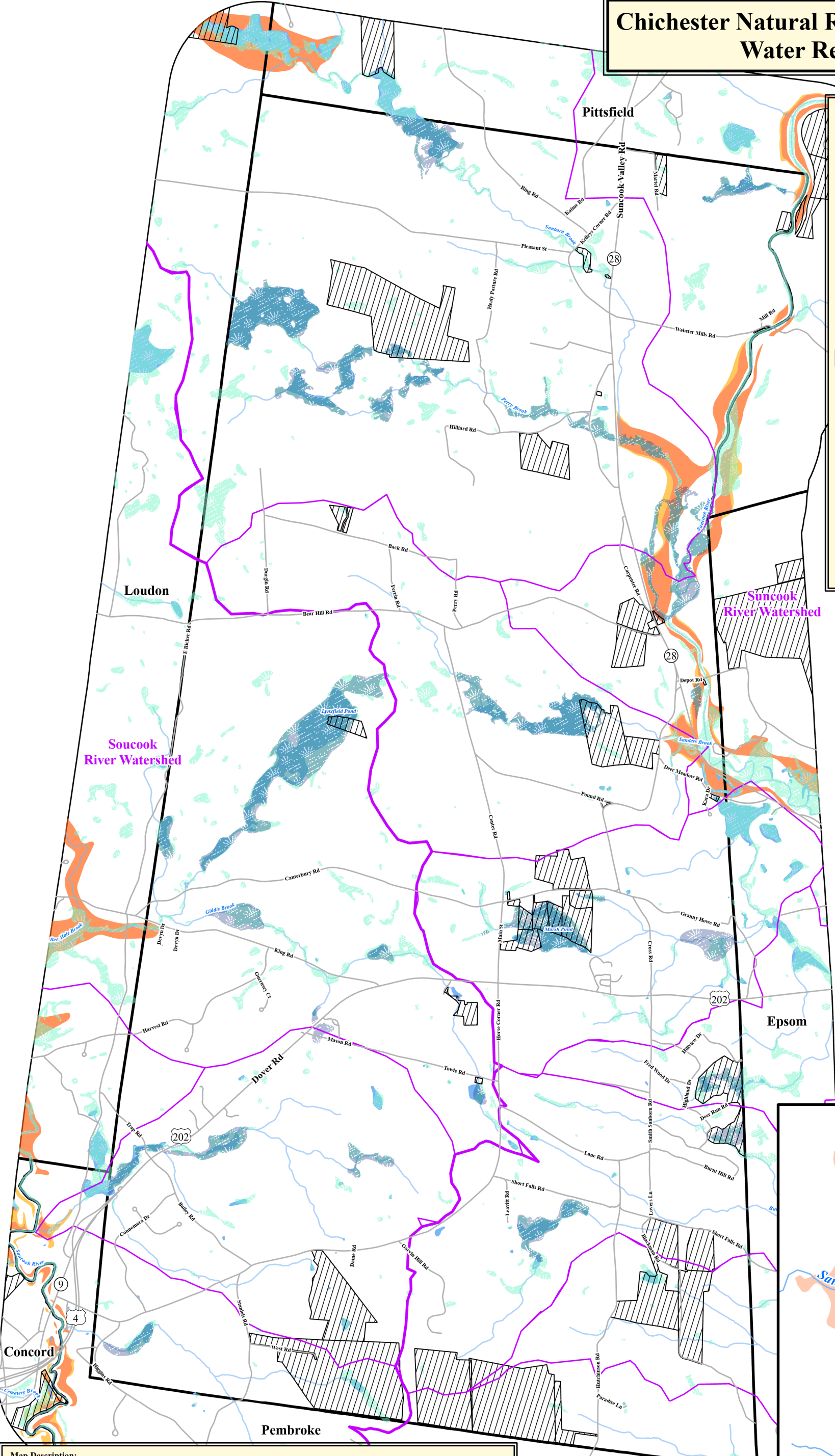


Legend

- Favorable Gravel Well Analysis -75 gallons per minute

Aquifer Transmissivity

- Less than 2000 sq. ft./day
- 2000 - 4000 sq. ft./day
- Greater than 4000 sq. ft./day



Map Description:
Wetlands and surface waters provide many ecological functions and human values. These include providing wildlife habitat, assisting with flood control, maintaining water quality, recharging groundwater supplies, offering education and scientific research opportunities, and recreation. Groundwater resources provide humans with sources of drinking water. It is important to protect these areas from contamination in order to supply clean water for consumption. This map shows where the various water resources and groundwater aquifers are in Chichester, as well as the sub-watershed in which they reside. The inset map also identifies potential future public water supply sites, provided by the NH Department of Environmental Services. Conservation lands have also been added to show where the many town-owned and private lands are located that have been protected over time, as well as the resources they protect.

Data Sources:

- Roads from NH DOT, downloaded from NH GRANIT
- Surface Water and streams (NHD), downloaded from NH GRANIT
- Wetlands from NWS, downloaded from NH GRANIT
- Political Boundaries, downloaded from NH GRANIT
- Conservation Lands, downloaded from NH GRANIT
- High Value Wetlands, VHB, Inc.
- HUC 10 Watersheds, downloaded from NH GRANIT
- NRCS Soils, downloaded from NH GRANIT
- USGS Stratified Drift Aquifers, downloaded from NH GRANIT
- FEMA Flood Hazards Layer, downloaded from FEMA Map Service Center

Map created for planning purposes only. Accuracy of data to be verified by end user. Please reference Moosewood Ecological GIS Data Disclaimer for more information on its use and purpose.

Prepared for the Town of Chichester

Coordinate System: NAD 1983 StatePlane New Hampshire FIPS 2800 Feet
 Projection: Transverse Mercator
 Datum: North American 1983
 False Easting: 984,250.0000
 False Northing: 0.0000
 Central Meridian: -71.6667
 Scale Factor: 1.0000
 Latitude Of Origin: 42.5000
 Units: Foot US

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