

MAP VIII-9

US Fish and Wildlife Service - National Wetlands Inventory

Town of Newbury, New Hampshire

Selected NWI definitions, from:
<http://www.fws.gov/policy/660fw2.html>

Lacustrine. The Lacustrine System includes wetlands and deepwater habitats with all of the following characteristics: (1) situated in a topographic depression or a dammed river channel; (2) lacking trees, shrubs, persistent emergents, emergent mosses or lichens with greater than 30% areal coverage; and (3) total area exceeds 8 ha (20 acres). Similar wetland and deepwater habitats totalling less than 8 ha are also included in the Lacustrine System if an active wave-formed or bedrock shoreline feature makes up all or part of the boundary, or if the water depth in the deepest part of the basin exceeds 2 m (6.6 feet) at low water. Lacustrine waters may be tidal or nontidal, but ocean-derived salinity is always less than 0.5 parts per thousand.

E. Palustrine. The Palustrine System includes all nontidal wetlands dominated by trees, shrubs, persistent emergents, emergent mosses or lichens, and all such wetlands that occur in tidal areas where salinity due to ocean derived salts is below 0.5 parts per thousand. It also includes wetlands lacking such vegetation, but with all of the following four characteristics: (1) area less than 8 ha (20 acres); (2) active wave-formed or bedrock shoreline features lacking; (3) water depth in the deepest part of basin less than 2 m (6.6 feet) at low water; and (4) salinity due to ocean-derived salts is less than 0.5 parts per thousand.

Legend

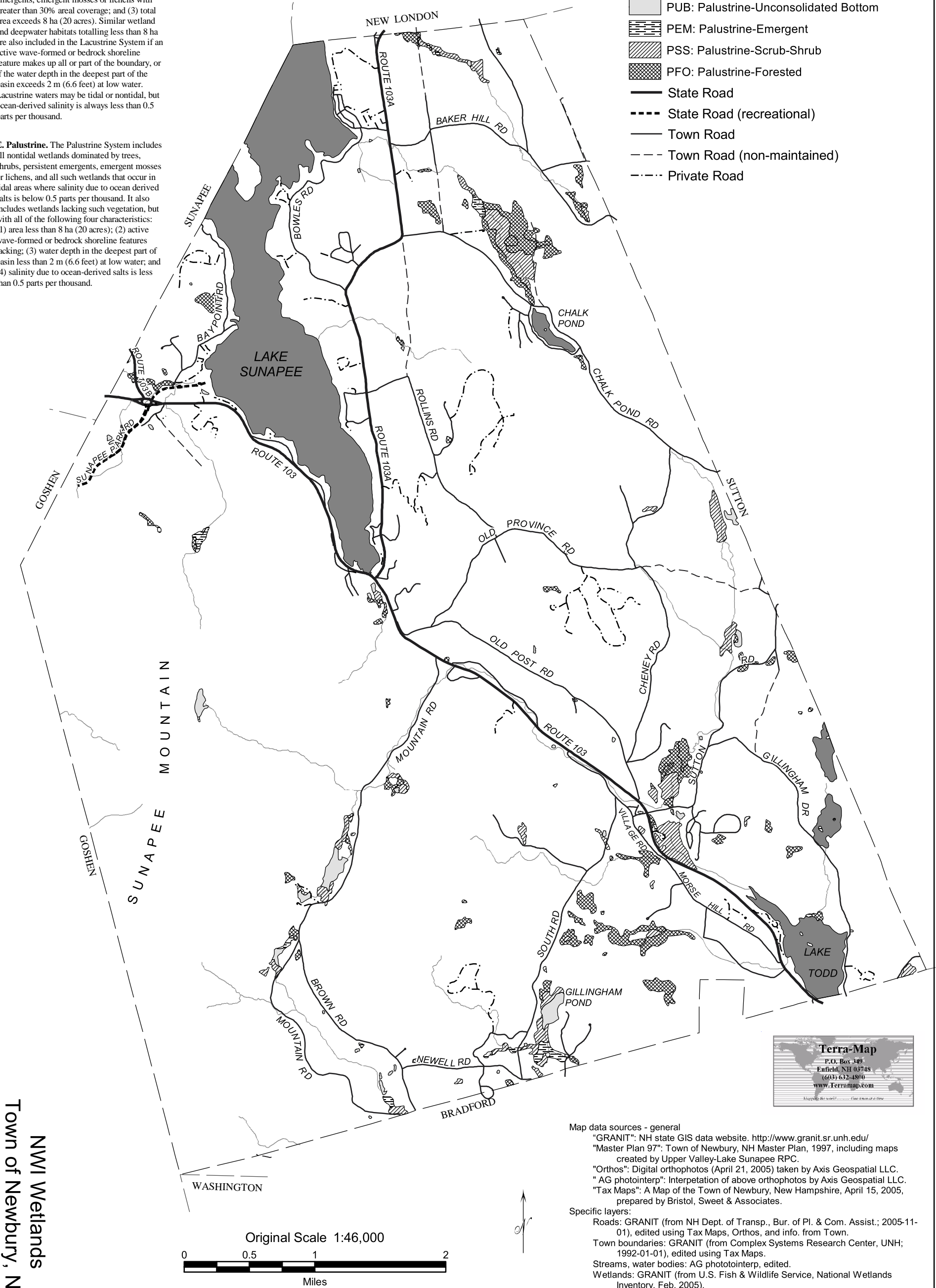
National Wetlands Inventory Classification

- L1U: Lacustrine-Limnetic-Unconsolidated Bottom
- PUB: Palustrine-Unconsolidated Bottom
- PEM: Palustrine-Emergent
- PSS: Palustrine-Scrub-Shrub
- PFO: Palustrine-Forested
- State Road
- State Road (recreational)
- Town Road
- Town Road (non-maintained)
- Private Road

Map data sources - general
"GRANIT": NH state GIS data website. <http://www.granit.sr.unh.edu/>
"Master Plan 97": Town of Newbury, NH Master Plan, 1997, including maps created by Upper Valley-Lake Sunapee RPC.
"Orthos": Digital orthophotos (April 21, 2005) taken by Axis Geospatial LLC.
"AG photointerp": Interpretation of above orthophotos by Axis Geospatial LLC.
"Tax Maps": A Map of the Town of Newbury, New Hampshire, April 15, 2005, prepared by Bristol, Sweet & Associates.

Specific layers:
Roads: GRANIT (from NH Dept. of Transp., Bur. of Pl. & Com. Assist.; 2005-11-01), edited using Tax Maps, Orthos, and info. from Town.
Town boundaries: GRANIT (from Complex Systems Research Center, UNH; 1992-01-01), edited using Tax Maps.
Streams, water bodies: AG photointerp, edited.
Wetlands: GRANIT (from U.S. Fish & Wildlife Service, National Wetlands Inventory, Feb. 2005).

Map file: Newbury-wetlands.mxd; page size 11" x 17".
Map created by Terra-Map, Enfield, NH, March, 2007.



NWI Wetlands
Town of Newbury, NH