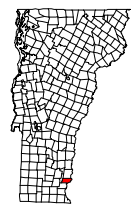


Water Resources - Map 1

Town of Putney, Vt.

August 2015



Surface waters:

- Perennial
- Intermittent
- Stream with a drainage area greater than one square mile
- Ponds and rivers
- Hydic soils
- Confirmed Vernal Pool

- Other vernal pools exist; only confirmed pools are shown.
 - Vernal pools that provide amphibian breeding habitat are considered class 2 wetlands (and therefore significant wetlands)

- Public Water Sources
- Source Protection Area

- A public water supply in Vermont is defined as a water supply system, owned or developed by the same person, having fifteen or more connections or regularly serving an average of at least 25 individuals daily at least 60 days out of the year (Vermont Water Supply Rule). Public water supplies may be owned and operated by a municipality or they may be privately owned, either individually or cooperatively.
 - A public water supply can either be a Public Community system which serve residents on a year round basis, or Public Non-Community system which serve non-residential groups of people.

- "Significant" wetland (from VSWI maps)
- Wetland, significance undetermined

Significant wetlands vs. non-significant wetlands:

- The determination of a wetland as "significant" is made by the State of Vermont. Those wetlands identified as significant on this map are shown on the Vermont Significant Wetlands Inventory (VSWI) maps.
- ANR's Wetlands Advisory Layer includes wetlands not yet determined to be "significant" or "not significant."
- Man-made waterbodies less than 2 acres may be exempt from certain Vermont State Wetland Rules, though Vermont Water Quality Standards still apply.
- A wetland's determination as "significant," must be determined in the field by Agency of Natural Resources (ANR) staff or upon review by the Natural Resources Board.
- US Army Corps of Engineers jurisdiction occurs irrespective of a wetland's State-designated "significance." Most all wetlands on this map are under Federal jurisdiction.

Data sources/notes:

- Significant wetlands data are from the Vermont Significant Wetlands Inventory (VGIS data layer VSWI) as of 2010. These include wetlands in the original VSWI data, as well as those from National Wetlands Inventory (NWI) maps, and show approximate locations of wetlands that are generally 3 acres or larger.
- Other wetlands shown on this map are from ANR's Wetlands Advisory Layer.
- Surface waters are from the Vermont Hydrography Dataset (VGIS data layer SWnnnnnnn). These data have been edited by WRC using field GPS-collected culvert locations, orthophotos, and field visits.
- Hydric soils from U.S. Soil Conservation Service's Windham County Soil Survey (VGIS data layer SO25). Soil boundaries were digitized from 1:20,000 orthophotos.
- Source protection area boundaries and Public water supply well locations are from VT ANR Water Supply Division digital data.
- Public water supply well locations are from VT ANR Water Supply Division digital data.
- Vernal pool data are from the Vt. Agency of Natural Resources. Data are derived from a project by the Vermont Center for Ecostudies and Arrowwood Environmental. Potential vernal pools throughout Vermont were mapped, and volunteers field-verified their presence. Other vernal pools likely exist in Putney.

Maps can be viewed and downloaded at www.putneyvt.org, or www.windhamregional.org/towns/putney.