HYDRIC SOILS
VOLUNTOWN, CONNECTICUT

LEGEND

Hydric Soils — Those soils that formed under conditions of saturation, flooding, or ponding long enough during the growing season to support the growth and reproduction of hydrophytic vegetation. Under natural conditions, these soils have developed or been maintained under conditions that are inherently hypoxic (anaerobic) or flooded enough during the growing season to support the growth and reproduction of hydrophytic vegetation. Additional information on the criteria and mapping of hydric soils can be found in the US Soil Conservation Service’s, 1994, Food Security Act Manual (Soil Conservation Service, 1994) and http://soils.usda.gov/use/hydric/.

Not Rated — those areas that do not meet the criteria for hydric soils.

EXPLANATION

The map is intended as a guide to identify the potential locations of hydric soils at the site level. Information in the map includes the name of the soil map unit and the location of the soil within that unit. The soils on this map were mapped at a scale of 1:12,000 with a minimum size of 0.5 acres. Enlargement of this map beyond the original extent is not recommended due to the potential for a misunderstanding of the detail of mapping. For the most recent delineation of the hydric soil, about three acres, visit the CT DEP website to access the Electronic Field Office Technical Guide for hydric status, and specific hydric soils criteria status may be needed. Thus, criteria that identify those estimated soil properties support the growth and reproduction of hydrophytic vegetation. Soils that are sufficiently wet in the top 90 cm (36 in.) of the soil profile to develop anaerobic conditions in the upper part (Federal Register, 2000). Under natural conditions, these soils meet the definition of hydric soils. In order for it to be correctly classified as a hydric soil, a soil must also meet the hydrophytic vegetation and wetland hydrology definitions in order for it to be correctly classified as a hydric soil. Several criteria must be met to meet the definition of a hydric soil. For a detailed explanation of the criteria, visit the US Department of Agriculture, NRCS, Food Security Act Manual (Soil Conservation Service, 1994) and http://soils.usda.gov/use/hydric/.

DATA SOURCES

USDA-NRCS. 2007. Soil data shown on this map is from the 2007 soil survey. Additional information on the criteria and mapping of hydric soils can be found in the US Soil Conservation Service’s, 1994, Food Security Act Manual (Soil Conservation Service, 1994) and http://soils.usda.gov/use/hydric/.