HYDRIC SOILS
CHESTER, CONNECTICUT

LEGEND

Hydric Soils — Those soils that present under natural conditions (or are subject to periodic flooding) for at least nine months of the year, the duration of which is sufficient to result in the development of anaerobic conditions in the root zone. These soils are subject to flooding or saturated conditions regularly enough through the growing season to support the growth and reproduction of rhizosphere facultative anaerobes. Many of the soils in the Hydric Soils Classification System are wetlands, and the term Wetland should be used in such instances. See the definition of Wetland for further information.

Not Reporting — soils that do not meet the definition of Hydric Soil or the criteria for wetlands. This category includes some soils that are subject to ponding or inundation because of poorly-drained surface conditions or a steep slope, but do not present a zone of saturation or flooded conditions regularly enough to support anaerobic conditions in the root zone. These soils are not subject to flooding or saturated conditions regularly enough through the growing season to support the growth and reproduction of rhizosphere facultative anaerobes. Many of these soils are subject to ponding or inundation because of poorly-drained surface conditions or a steep slope. See the definition of ponding or inundation for further information.

EXPLANATION

The map is intended to identify the presence of hydric soils and wetland areas. Please consult the State Soil Survey for information on the specific soils and criteria that define and classify the hydric soils throughout the State of Connecticut.

DATA SOURCES

NRCS, U.S. Department of Agriculture

HYDROGEOGRAPHIC DATA — Data for Crystal Mapping System Hydraulic Conductivity Maps, June 1996

NRCS HYDROGEOLOGICAL DATA — Data for Connecticut Geographic Information System (CGIS) Hydrogeological Maps, October 1996

NRCS WETLANDS DATA — Data for USDA NRCS Wetlands Geospatial Data, June 1996

STATE SOIL SURVEY

Hydric Soils

Hartford, CT 06106-5127

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NRCS, Connecticut District

STATE OF CONNECTICUT

DEPARTMENT OF AGRICULTURE

NRCS

U.S. Department of Agriculture