



TECHNICAL GUIDE TRANSMITTAL NO. 273

**FROM:** Brunilda Velez, Acting STC  
**RE:** Field Office Technical Guide, Section II

**Explanation of Changes:**

**Section II - Soils Information**

Official Soil Survey Information – Updated 05/2015

**2. Soil Tables and Interpretations, Statewide CT**

**Conservation Planning Report – Soil Map Unit Attributes** This report provides those soil attributes for the conservation plan for the map units in the selected area. The report includes the map unit symbol, the component name, and the percent of the component in the map unit. It provides the soil description along with the slope, runoff, T Factor, WEI, WEG, Erosion class, Drainage class, Land Capability Classification, and the engineering Hydrologic Group and the erosion factors Kf, the representative percentage of fragments, sand, silt, and clay in the surface horizon.

**Soil Catenas of Connecticut** Updated 2014. The relationships between soils, landscapes, regional geology, and parent material.

**b. Hydric Soil Lists**

**Statewide Hydric Soil List** This table lists the map unit components and their hydric status in the survey area. This list can help in planning land uses; however, onsite investigation is recommended to determine the hydric soils on a specific site. From Web Soil Survey 3/30/2015.

**References and Technical Notes** – Updated “Field Indicators of Hydric Soils in the United States” Version 7.0, 2010. PDF available for download.

**c. CT Inland Wetland Soils**

**Selected Soil Interpretations Report – State of Connecticut Soils** When customers select this report, they are presented with a list of interpretations with results for the selected map units. The customer may select up to three interpretations to be presented in table format. Updated 2015.

**d. Prime and Important Farmland Soils**

**Farmland Classification – Summary by Map Unit** Updated 2015.

**e. Locally Important Farmland Soils Lists and Maps**

Towns with official Locally Important Farmland designated soils have been updated as of 3/24/15.

**f. Published Soil Surveys**

**Connecticut Availability** Updated link 2015.

**g. Hydrologic Soil Groups**

**State of Connecticut – Dominant Component** Updated 2015.

**State of Connecticut – Dominant Condition** Updated 2015.

**h. K and T Factors**

**K Factor, Rock Free** Summary by map unit for the surface layer. Updated 2015.

**K Factor, Whole Soil** Summary by map unit for the surface layer. Updated 2015.

**T Factor** for each map unit. Ratings updated 10/28/2014.

**i. RUSLE2**

**Report – RUSLE2 Related Attributes** This report summarizes those soil attributes used by the Revised Universal Soil Loss Equation Version 2 (RUSLE2) for the map units in the selected area. The report includes the map unit symbol, the component name, and the percent of the component in the map unit. Soil property data for each map unit component include the hydrologic soil group, erosion factors Kf for the surface horizon, erosion factor T, and the representative percentage of sand, silt, and clay in the surface horizon.

**j. Leaching Index Information**

**Nutrient Management Policy Implementation** National Instructions, Title 190 Ecological Sciences, Part 302 Nutrient Management Policy Implementation.

In December 2011, the Natural Resources Conservation Service (NRCS) adopted a new policy for providing nutrient management-related technical assistance. The policy is contained in Title 190, General Manual (GM), Part 402, Nutrient Management. The National Conservation Practice Standard (CPS) Code 590, Nutrient Management which provides standards and specifications for the nutrient management and nutrient risk assessment processes was also revised.

**3. Soil Descriptions – Links updated**

**Lab Data – NSSL** National Cooperative Soil Survey (NCSS) Soil Characterization Database

**Official Soil Descriptions (technical)** Official Soil Series Descriptions (OSDs) by Series Name, List of Series Names, Query or Name Search

**Soil Geochemical Spatial Data** Data produced by the National Cooperative Soil Survey Program

**Standards Used in Describing Soils** Technical References. Policy and Procedure, Classification, Soil Geography, Field Guides, Soil Survey Office Laboratory References, Laboratory Methods and Information, Geomorphic Description System, Installing Monitoring Wells in Soil, Forms, National Soil Information System (NASIS), Land Use (Title 310) and Other References.

Please contact Deb Surabian, State Soil Scientist if there are any questions.

This transmittal is also posted on the Connecticut eFOTG. If you maintain a paper FOTG, please insert this notice in front of Section I of the Field Office Technical Guide (FOTG). File the updated documents in the appropriate Section of the FOTG. These documents have been posted to the Electronic Field Office Technical Guide (eFOTG).



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DIST: Technical Guide Transmittal List, CT