

Soil Report Considerations for:

**CONSERVATION PRACTICE STANDARD
LINED WATERWAY OR OUTLET
CODE 468**

North Carolina NRCS

Soil Concerns Stated in Standard	Web Soil Survey (WSS) Related Items
potential effects on wetlands	hydric soils ¹
highly erosive soils	erosion factors Kw, Kf
low shrink-swell soils	linear extensibility
seepage	saturated hydraulic conductivity (Ksat)
well drained soils	drainage class
wetness	drainage class depth to water table

¹Hydric soils are not synonymous with wetlands, but hydric soils are one of the 3 wetland factors/parameters required for an area to be considered a wetland.

Web Soil Survey Related Items	Soil Data Explorer Tab		
	Suitabilities and Limitations	Soil Properties and Qualities	Soil Reports
depth to water table		Water Features: Depth to Water Table	Water Features: Water Features
drainage class		Soil Qualities and Features: Drainage Class	
erosion factors: Kw Kf		Soil Erosion Factors: K Factor, Rock Free K Factor, Whole Soil	Soil Erosion: Conservation Planning Soil Physical Properties: Physical Soil Properties
hydric soils	Land Classifications: Hydric Rating by Map Unit		Land Classifications: Hydric Soils
linear extensibility		Soil Physical Properties: Linear Extensibility	Soil Physical Properties: Physical Soil Properties
saturated hydraulic conductivity		Soil Physical Properties: Saturated Hydraulic Conductivity (Ksat)	Soil Physical Properties: Physical Soil Properties

Note: The Suitabilities and Limitations, and the Soil Properties and Qualities options in WSS are designed to aggregate data and return a single rating or value for each map unit. The single value is typically either for the surface layer, or it is a weighted average for a specified depth range. This is done to facilitate the creation of a thematic map for the selected item. Representative values (rv's) are used, rather than the range in properties, and depth measurements are generally displayed in centimeters. The Soil Reports option generally provides the range in values for each soil component and depth measurements are generally displayed in inches or feet; however, results are tabular only.

A soil map and map legend of the area can be generated from the WSS through the Soil Map tab. Soil maps were published at certain scales. Site specific practices may require onsite investigation.