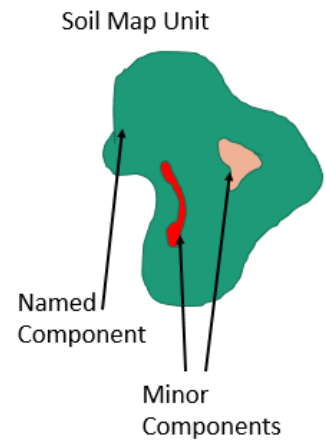


# Hydric Rating and Map Unit Composition

## Map Units and Components:

In using soil survey information, the distinction between the map unit as a whole and the individual components that make up the map unit is an important concept. Typically a soil map unit has one or more major (named) components and one or more minor components (inclusions). Major components make up most of the map unit and are present in every delineation of a map unit. Each minor component typically makes up only a small percentage of the map unit and may only occur on a specific landform or micro-feature. In general usage, a map unit might be referred to as “Woodbridge fine sandy loam, 3 to 8 percent slopes”, for example, where it is understood that the “Woodbridge” map unit typically includes several minor soil components as shown below.



Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
310B: Woodbridge fine sandy loam, 3 to 8 percent slopes	Woodbridge -Fine sandy loam	82	Drumlins,ground moraines,hills	No	—
	Paxton	10	Drumlins,ground moraines,hills	No	—
	Ridgebury	8	Depressions,ground moraines,drainageways,hills	Yes	2

Major Component and percentage  
Minor Component and percentages

Ridgebury is the only hydric component in this map unit; in depressions, making up about 8 percent of the map unit area.

*\*report from Web Soil Survey Hydric Soil List – All Components.*

The Hydric Soils Lists often report only the map units and components that **are** hydric. It is important to understand that all map units with **any** percentage of hydric components will appear on the list, but the percentage of hydric soils within each map unit listed can vary. The example below shows Whitman loam, 0 to 3 percent slopes, which is a map unit that will contain 100% hydric soils. Agawam fine sandy loam, 0 to 3 percent slopes, however, is mostly upland soils but can contain 3% hydric soils (Walpole soils) in depressions.

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
72A:					
Whitman loam, 0 to 3 percent slopes	Whitman	70	Depressions	Yes	2, 3
	Ridgebury	15	Depressions	Yes	2
	Swansea	15	Bogs	Yes	1
275A:					
Agawam fine sandy loam, 0 to 3 percent slopes	Walpole	3	Depressions	Yes	2

Massachusetts USDA NRCS, February 2016

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