

Hydric Soil List - All Components

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 (National Research Council, 1995; Hurt and others, 2002).

The three essential characteristics of wetlands are hydrophytic vegetation, hydric soils, and wetland hydrology (Cowardin and others, 1979; U.S. Army Corps of Engineers, 1987; National Research Council, 1995; Tiner, 1985). Criteria for all of the characteristics must be met for areas to be identified as wetlands. Undrained hydric soils that have natural vegetation should support a dominant population of ecological wetland plant species. Hydric soils that have been converted to other uses should be capable of being restored to wetlands.

Hydric soils are defined by the National Technical Committee for Hydric Soils (NTCHS) as soils that formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic conditions in the upper part (Federal Register, 1994). These soils, under natural conditions, are either saturated or inundated long enough during the growing season to support the growth and reproduction of hydrophytic vegetation.

The NTCHS definition identifies general soil properties that are associated with wetness. In order to determine whether a specific soil is a hydric soil or nonhydric soil, however, more specific information, such as information about the depth and duration of the water table, is needed. Thus, criteria that identify those estimated soil properties unique to hydric soils have been established (Federal Register, 2002). These criteria are used to identify map unit components that normally are associated with wetlands. The criteria used are selected estimated soil properties that are described in "Soil Taxonomy" (Soil Survey Staff, 1999) and "Keys to Soil Taxonomy" (Soil Survey Staff, 2006) and in the "Soil Survey Manual" (Soil Survey Division Staff, 1993).

If soils are wet enough for a long enough period of time to be considered hydric, they should exhibit certain properties that can be easily observed in the field. These visible properties are indicators of hydric soils. The indicators used to make onsite determinations of hydric soils are specified in "Field Indicators of Hydric Soils in the United States" (Hurt and Vasilas, 2006).

Hydric soils are identified by examining and describing the soil to a depth of about 20 inches. This depth may be greater if determination of an appropriate indicator so requires. It is always recommended that soils be excavated and described to the depth necessary for an understanding of the redoximorphic processes. Then, using the completed soil descriptions, soil scientists can compare the soil features required by each indicator and specify which indicators have been matched with the conditions observed in the soil. The soil can be identified as a hydric soil if at least one of the approved indicators is present.

Map units that are dominantly made up of hydric soils may have small areas, or inclusions, of nonhydric soils in the higher positions on the landform, and map units dominantly made up of nonhydric soils may have inclusions of hydric soils in the lower positions on the landform.

The criteria for hydric soils are represented by codes in the table (for example, 2). Definitions for the codes are as follows:

1. All Histels except for Folistels, and Histosols except for Folistels.
2. Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Historthels great group, Histoturbels great group, Pachic subgroups, or Cumulic subgroups that:
 - A. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
 - B. Show evidence that the soil meets the definition of a hydric soil;
3. Soils that are frequently ponded for long or very long duration during the growing season.
 - A. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
 - B. Show evidence that the soil meets the definition of a hydric soil;
4. Map unit components that are frequently flooded for long duration or very long duration during the growing season that:
 - A. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
 - B. Show evidence that the soil meets the definition of a hydric soil;

Hydric Condition: Food Security Act information regarding the ability to grow a commodity crop without removing woody vegetation or manipulating hydrology.

References:

- Federal Register. July 13, 1994. Changes in hydric soils of the United States.
Federal Register. Doc. 2012-4733 Filed 2-28-12. February, 28, 2012. Hydric soils of the United States.
- Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18.
- Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service. U.S. Department of Agriculture Handbook 436.
- Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service.
- Vasilas, L.M., G.W. Hurt, and C.V. Noble, editors. Version 7.0, 2010. Field indicators of hydric soils in the United States.

Report—Hydric Soil List - All Components

Hydric Soil List - All Components—OH077-Huron County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
AcC2: Alexandria silt loam, 6 to 12 percent slopes, moderately eroded	Alexandria	90	Till plains	No	—
	soils similar to Pewamo	5	Drainageways	Yes	2
	wetter soils around seeps and springs	5	—	—	—
	layers of sandy loam or gravelly loam below 3 feet		—	—	—
	Cardington		Ground moraines,end moraines	—	—
AcD: Alexandria silt loam, 12 to 18 percent slopes	Alexandria	90	Till plains	No	—
	wetter soils around seeps and springs	5	—	—	—
	soils similar to Pewamo	5	Drainageways	Yes	2
	pockets of gravelly loam or sandy loam below 3 feet		—	—	—
AcF: Alexandria silt loam, 25 to 50 percent slopes	Alexandria	85	Till plains,moraines	No	—
	moderately steep areas	5	—	No	—
	soils underlain by shale or sandstone	5	—	No	—
	Chili	5	Terraces	No	—
AdD2: Alexandria silty clay loam, 12 to 18 percent slopes, eroded	Alexandria	80	Till plains	No	—
	Cardington	5	Ground moraines,end moraines	No	—
	Tuscola	5	Lake plains,deltas	No	—
	Bennington	5	Flats on end moraines,flats on ground moraines,rises on end moraines,rises on ground moraines	No	—
	Condit	5	Depressions	Yes	2,3

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AfD2: Amanda loam, 12 to 18 percent slopes, eroded	Amanda	90	Ground moraines,end moraines	No	—
	Bennington soils near the base of slopes	10	Flats on ground moraines,flats on end moraines,rises on ground moraines,rises on end moraines	No	—
	Moderately well drained		—	—	—
	Lacustrine sediments in the substratum		—	—	—
	More clay in the subsoil		—	—	—
AgG: Amanda-Dekalb-Rock outcrop association, 40 to 70 percent slopes	Amanda	50	Ground moraines,end moraines	No	—
	Dekalb	25	Hills	No	—
	Rock outcrop	20	—	Unranked	—
	Jimtown soils on benches	5	Terraces	No	—
	Stratified lacustrine sediments in the substratum		—	—	—
	Outcroppings of shale		—	—	—
	Less rock fragments in the subsoil		—	—	—
	Silt loam surface layer		—	—	—
	70 to 80 percent slopes		—	—	—
	More clay in the substratum		—	—	—
BeD: Belmore loam, 12 to 18 percent slopes	Belmore	95	Outwash plains	No	—
	wetter soils around springs and seeps	5	—	—	—
	pockets of clay loam till at 2 to 5 feet		—	—	—
	eroded areas		—	—	—
	upper 2 to 3 feet almost free of gravel		—	—	—
	gravelly loam surface layer		—	—	—
	silt loam surface layer		—	—	—

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BgA: Bennington silt loam, 0 to 2 percent slopes	Bennington	90	Flats on ground moraines, flats on end moraines, rises on ground moraines, rises on end moraines	No	—
	Cardington	4	Ground moraines, end moraines	No	—
	Condit	3	Depressions	Yes	2,3
	Haskins	3	Till plains, lake plains	No	—
BgB: Bennington silt loam, 2 to 6 percent slopes	Bennington	90	Flats on ground moraines, flats on end moraines, rises on ground moraines, rises on end moraines	No	—
	Cardington	5	Ground moraines, end moraines	No	—
	Condit	5	Depressions	Yes	2,3
BgB2: Bennington silt loam, 2 to 6 percent slopes, moderately eroded	Bennington	90	Till plains	No	—
	Condit	5	Depressions, drainage ways	Yes	2
	Pewamo	5	Depressions, drainage ways	Yes	2
	Cardington		Ground moraines, end moraines	—	—
BkA: Bixler loamy fine sand, 0 to 2 percent slopes	Bixler	85	Rises on outwash plains, rises on lake plains, beach ridges on lake plains, beach ridges on outwash plains	No	—
	Colwood	4	Depressions	Yes	2,3
	Kibbie	4	Ground moraines, outwash plains, lake plains, deltas	No	—
	Elnora	4	Longshore bars (relict), beach ridges	No	—
	Tuscola	3	Lake plains, deltas	No	—
Ble1A1: Blount silt loam, end moraine, 0 to 2 percent slopes	Blount-End moraine	80-95	End moraines on till plains	No	—
	Glywood-End moraine	0-12	End moraines on till plains	No	—
	Pewamo-End moraine	0-9	End moraines on till plains	Yes	2

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Bl1B1: Blount silt loam, end moraine, 2 to 4 percent slopes	Blount-End moraine	80-95	End moraines on till plains	No	—
	Glynwood-End moraine	0-12	End moraines on till plains	No	—
	Pewamo-End moraine	0-9	End moraines on till plains	Yes	2
Blg1A1: Blount silt loam, ground moraine, 0 to 2 percent slopes	Blount-Ground moraine	80-95	Ground moraines on till plains	No	—
	Pewamo-Ground moraine	0-12	Ground moraines on till plains	Yes	2
	Glynwood-Ground moraine	0-9	Ground moraines on till plains	No	—
Blg1B1: Blount silt loam, ground moraine, 2 to 4 percent slopes	Blount-Ground moraine	80-95	Ground moraines on till plains	No	—
	Pewamo-Ground moraine	0-12	Ground moraines on till plains	Yes	2
	Glynwood-Ground moraine	0-9	Ground moraines on till plains	No	—
BrF: Brecksville silt loam, 40 to 70 percent slopes	Brecksville	85	Hills	No	—
	Alexandria	5	Till plains,moraines	No	—
	Chili	5	Terraces	No	—
	Saylesville	5	Lake plains	No	—
CcC2: Cardington silty clay loam, 6 to 12 percent slopes, eroded	Cardington	90	Ground moraines,end moraines	No	—
	Condit	10	Depressions on ground moraines,depressions on lake plains,drainageways on ground moraines,drainageways on lake plains	Yes	2
	Lacustrine sediments in the substratum		—	—	—
	Somewhat poorly drained soils		—	—	—
	Well drained soils		—	—	—
CdB: Cardington silt loam, 2 to 6 percent slopes	Cardington	85	Ground moraines,end moraines	No	—
	Bennington	5	Flats on ground moraines,flats on end moraines,rises on ground moraines,rises on end moraines	No	—

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	Alexandria	5	Till plains,moraines	No	—
	Condit	5	Depressions,drainage ways	Yes	2,3
CdB2: Cardington silt loam, 2 to 6 percent slopes, eroded	Cardington	95	Ground moraines,end moraines	No	—
	Condit	5	Depressions,drainage ways	Yes	2
	Bennington		Flats on ground moraines,flats on end moraines,rises on ground moraines,rises on end moraines	—	—
CdC: Cardington silt loam, 6 to 12 percent slopes	Cardington	95	Ground moraines,end moraines	No	—
	Condit	5	Depressions,drainage ways	Yes	2
	Bennington		Flats on ground moraines,flats on end moraines,rises on ground moraines,rises on end moraines	—	—
CdC2: Cardington silt loam, 6 to 12 percent slopes, eroded	Cardington	90	Ground moraines,end moraines	No	—
	Bennington	4	Flats on ground moraines,flats on end moraines,rises on ground moraines,rises on end moraines	No	—
	Condit	3	Depressions,drainage ways	Yes	2,3
	Alexandria	3	Till plains,moraines	No	—
Ce: Carlisle muck	Carlisle	90	Bogs	Yes	1
	Linwood	10	Bogs	Yes	1,3
Cf: Carlisle muck, ponded	Carlisle	90	Bogs	Yes	1,3
	Condit	4	Depressions	Yes	2,3
	Walkkill	4	Depressions	Yes	2
	Lenawee Variant	2	Depressions	Yes	2,3
CgB: Castalia channery silt loam, 2 to 6 percent slopes	Castalia	90	Reefs on lake plains	No	—
	Milton	4	Till plains	No	—
	Millsdale	3	Flats	Yes	2,3
	bedrock at 10 to 20 inches	3	—	No	—

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ChB: Chili loam, loamy substratum, 2 to 6 percent slopes	Chili	85	Terraces	No	—
	Cardington	5	Ground moraines,end moraines	No	—
	Jimtown	5	Terraces	No	—
	Oshtemo	5	Terraces	No	—
ChC: Chili loam, loamy substratum, 6 to 12 percent slopes	Chili	85	Terraces	No	—
	Jimtown	4	Terraces	No	—
	Oshtemo	4	Terraces	No	—
	Cardington	4	Ground moraines,end moraines	No	—
	areas with an eroded surface	3	—	No	—
CjB: Castalia very channery loam, 2 to 6 percent slopes	Castalia	85	Reefs on lake plains	No	—
	Marblehead soils intermixed throughout the units	7	Reefs on lake plains	No	—
	Rock outcrops intermixed throughout the units	5	—	No	—
	Joliet	3	Depressions on reefs on lake plains	Yes	2
	Less rock fragments on the surface		—	—	—
	Bedrock at 10 to 20 inches		—	—	—
CkE: Chili-Udorthents complex, 18 to 30 percent slopes	Chili	60	Terraces	No	—
	Udorthents	25	—	No	—
	areas with a large amount of cobbles on steep slopes	5	—	No	—
	ridgetops with slopes less than 18 percent	5	—	No	—
	Oshtemo	5	Terraces	No	—
CIB: Chili loam, 2 to 6 percent slopes	Chili	100	Terraces	No	—
	Conotton		Terraces	—	—
	Jimtown		Terraces	—	—
	Bogart		Terraces	—	—
Cm: Colwood silt loam	Colwood	90	Depressions,flats	Yes	2,3
	Linwood	3	Bogs	Yes	1,3

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	Lenawee	3	Flats	Yes	2,3
	Pewamo	3	Flats	Yes	2,3
	Kibbie	1	Ground moraines,outwash plains,lake plains,deltas	No	—
Co: Condit silty clay loam	Condit	90	Depressions on drainageways	Yes	2,3
	Pewamo	2	Flats	Yes	2,3
	Lenawee	2	Flats	Yes	2,3
	small wet spots and closed depressions	2	Depressions on drainageways	Yes	2,3
	Colwood	2	Flats	Yes	2,3
	Bennington	2	Flats on ground moraines,flats on end moraines,rises on end moraines,rises on ground moraines	No	—
CpA: Colwood loam, 0 to 1 percent slopes	Colwood	90	Depressions on lake plains,flats on lake plains,drainageways on lake plains	Yes	2
	Kibbie soils on slight rises	10	Ground moraines,outwash plains,lake plains,deltas	No	—
	More clay in the substratum		Depressions on lake plains,flats on lake plains,drainageways on lake plains	Yes	2
	More than 15 percent rock fragments in the substratum		Depressions on lake plains,flats on lake plains,drainageways on lake plains	Yes	2
	Less clay in the subsoil		Depressions on lake plains,flats on lake plains,drainageways on lake plains	Yes	2
CrA: Condit silt loam, 0 to 1 percent slopes	Condit	85-95	Ground moraines,end moraines	Yes	2
	Bennington	0-9	Ground moraines,end moraines	No	—
	Condit-Fine-loamy	0-9	Ground moraines,end moraines	Yes	2
	Pewamo	0-9	Ground moraines,end moraines	Yes	2,3

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EmA: Elnora loamy fine sand, 0 to 4 percent slopes	Elnora	95	Longshore bars (relict),beach ridges	No	—
	Plumbrook soils in slight depressions	5	Lake plains	No	—
	Somewhat poorly drained soils		—	—	—
	Fine sandy loam surface layer		—	—	—
	More clay in the substratum		—	—	—
	Well drained soils		—	—	—
EnA: Elnora loamy fine sand, 1 to 3 percent slopes	Elnora	90	Longshore bars (relict),beach ridges	No	—
	Oshtemo	2	Terraces	No	—
	Spinks	2	Outwash plains,dunes,dunes, dunes,lake plains,beach ridges,beach ridges,beach ridges,moraines	No	—
	Bixler	2	Rises on lake plains,rises on outwash plains,beach ridges on lake plains,beach ridges on outwash plains	No	—
	Kibbie	2	Ground moraines,outwash plains,lake plains,deltas	No	—
	Tuscola	1	Lake plains,deltas	No	—
	poorly drained soils	1	Depressions	Yes	2
FcA: Fitchville silt loam, 0 to 2 percent slopes	Fitchville	90	Lake plains	No	—
	Sebring	5	Depressions,drainage ways	Yes	2
	Luray	5	Depressions,drainage ways	Yes	2
	till within 3 feet		—	—	—
	sandy loam or gravelly loam below 3 feet		—	—	—
	black or very dark gray surface layer		—	—	—
	loam surface layer		—	—	—

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FpA: Fries silty clay loam, 0 to 1 percent slopes	Fries	85	Depressions on lake plains, flats on lake plains, drainageways on lake plains	Yes	2
	Hornell soils on rises	10	Till plains	No	—
	Pewamo	5	Depressions on lake plains	Yes	2
	Bedrock at 40 to 60 inches		Depressions on lake plains, flats on lake plains, drainageways on lake plains	Yes	2
	Lighter colored surface layer		Depressions on lake plains, flats on lake plains, drainageways on lake plains	Yes	2
Fr: Fries silty clay loam	Fries	85	Depressions, flats	Yes	2,3
	Pewamo	8	Flats	Yes	2,3
	Prout	7	Till plains, lake plains	No	—
Gwd5C2: Glynwood clay loam, 6 to 12 percent slopes, eroded	Glynwood	75-90	End moraines	No	—
	Blount	0-9	Flats on ground moraines, rises on ground moraines	No	—
	Morley	0-9	Till plains	No	—
Gwe5B2: Glynwood clay loam, end moraine, 2 to 6 percent slopes, eroded	Glynwood-End moraine	80-90	End moraines on till plains	No	—
	Blount-End moraine	0-12	End moraines on till plains	No	—
	Pewamo	0-9	End moraines on till plains	Yes	2
Gwg1B1: Glynwood silt loam, ground moraine, 2 to 6 percent slopes	Glynwood-Ground moraine	80-90	Ground moraines on till plains	No	—
	Blount-Ground moraine	0-12	Ground moraines on till plains	No	—
	Pewamo	0-9	Ground moraines on till plains	Yes	2
Gwg5B2: Glynwood clay loam, ground moraine, 2 to 6 percent slopes, eroded	Glynwood-Ground moraine	80-90	Ground moraines on till plains	No	—
	Blount-Ground moraine	0-12	Ground moraines on till plains, end moraines on till plains	No	—
	Pewamo	0-9	Ground moraines on till plains	Yes	2

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HhA: Haskins loam, 0 to 2 percent slopes	Haskins	85	Till plains,lake plains	No	—
	Mermill	10	Depressions on lake plains,depressions on ground moraines	Yes	2
	Very poorly drained soils with till at 40 to 60 inches	5	Depressions on lake plains,depressions on ground moraines	Yes	2
	More clay or sand in the subsoil		—	—	—
	Sandy loam or fine sandy loam surface layer		—	—	—
	Moderately well drained soils		—	—	—
	Darker colored surface layer		—	—	—
	Till or lacustrine sediments between 40 and 60 inches		—	—	—
HkA: Haskins loam, 0 to 3 percent slopes	Haskins	80	Till plains,lake plains	No	—
	Jimtown	5	Terraces	No	—
	Tuscola	5	Lake plains,deltas	No	—
	Cardington	5	Ground moraines,end moraines	No	—
	Bennington	5	Flats on ground moraines,flats on end moraines,rises on ground moraines,rises on end moraines	No	—
HnA: Holly silt loam, 0 to 1 percent slopes, occasionally flooded	Holly	90	Depressions on flood plains,flats on flood plains,abandoned channels on flood plains	Yes	2
	Orrville soils on slight rises	8	Flood plains	No	—
	Undrained areas	2	Depressions on flood plains	Yes	2
	Till at 60 to 80 inches		Depressions on flood plains,flats on flood plains,abandoned channels on flood plains	Yes	2

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	Darker colored surface layer		Depressions on flood plains, flats on flood plains, abandoned channels on flood plains	Yes	2
Ho: Holly silt loam, frequently flooded	Holly	85	Flood plains	Yes	2,4
	Lobdell	4	Flood plains	No	—
	Orrville	4	Flood plains	No	—
	small areas of organic soils in depressions	4	Flood plains	Yes	2,4
	soils underlain by bedrock	3	Flood plains	Yes	2,4
HrA: Hornell silty clay loam, 0 to 2 percent slopes	Hornell	85	Till plains	No	—
	Fries	10	Depressions on lake plains	Yes	2
	Bedrock at 10 to 20 inches intermixed throughout the units	5	—	No	—
	Bedrock at 40 to 60 inches		—	—	—
	More rock fragments in the subsoil		—	—	—
	Less clay in the subsoil		—	—	—
JsA: Jimtown loam, 0 to 2 percent slopes	Jimtown	85	Terraces	No	—
	Millgrove	10	Depressions on stream terraces, depressions on beach ridges, depressions on lake plains, drainageways on stream terraces, drainageways on lake plains, drainageways on beach ridges	Yes	2
	Very poorly drained soils with till at 40 to 60	5	Depressions on stream terraces, depressions on lake plains, depressions on beach ridges	Yes	2
	Less clay in the subsoil		—	—	—

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	till or lacustrine sediments between 40 and 80 inches		—	—	—
	Moderately well drained soils		—	—	—
JtA: Jimtown loam, 0 to 3 percent slopes	Jimtown	80	Terraces	No	—
	moderately well drained soils	5	—	No	—
	Colwood	5	Depressions	Yes	2,3
	Chili	5	Terraces	No	—
	Haskins	5	Till plains,lake plains	No	—
KaA: Kibbie fine sandy loam, 0 to 2 percent slopes	Kibbie	90	Ground moraines,outwash plains,lake plains,deltas	No	—
	Colwood	10	Depressions on lake plains,depressions on deltas	Yes	2
	Loam surface layer		—	—	—
	Thicker surface layer		—	—	—
	Moderately well drained soils		—	—	—
	Lighter colored surface layer		—	—	—
KbA: Kibbie loam, 0 to 2 percent slopes	Kibbie	90	Flats on lake plains	No	—
	Jimtown	3	Terraces	No	—
	Colwood	3	Depressions	Yes	2,3
	Tuscola	2	Lake plains,deltas	No	—
	Lenawee	2	Depressions	Yes	2,3
Le: Lenawee silty clay loam	Lenawee	85	Depressions,flats	Yes	2,3
	Colwood	4	Flats	Yes	2,3
	Pewamo	4	Flats	Yes	2,3
	Lenawee Variant	4	Depressions	Yes	2,3
	muck surface layer	3	Depressions,flats	Yes	2,3
Lf: Lenawee variant silty clay loam	Lenawee Variant	85	Depressions	Yes	2,3
	Lenawee	5	Flats	Yes	2,3
	Linwood	5	Bogs	Yes	1,3
	Walkill	5	Depressions	Yes	2
Lm: Linwood muck	Linwood	90	Bogs	Yes	1,3
	Colwood	3	Flats	Yes	2,3

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	Carlisle	3	Bogs	Yes	1,3
	Lenawee Variant	2	Depressions	Yes	2,3
	areas near ditches that are covered with spoil material	2	Bogs	Yes	1,3
Ln: Lobdell silt loam, rarely flooded	Lobdell	80	Flood plains	No	—
	Orrville	5	Flood plains	No	—
	soils underlain by shale bedrock	5	—	—	—
	ponded areas	5	Depressions, abandoned channels	Yes	3
	Tioga	5	Flood plains	No	—
Lo: Lobdell silt loam, frequently flooded	Lobdell	80	Flood plains	No	—
	Tioga	7	Flood plains	No	—
	Orrville	7	Flood plains	No	—
	ponded areas	6	Depressions, abandoned channels	Yes	3
Lp: Lobdell silt loam	Lobdell	95	Flood plains	No	—
	Holly	5	Depressions	Yes	2
	Shoals		Flood plains	—	—
	well drained soils		—	—	—
	rock rubble or recent alluvium on the surface		—	—	—
	old stream channels with nearly vertical side slopes		—	—	—
	layers or pockets of sandy loam, gravelly loam, or gravel		—	—	—
	black surface layer		—	—	—
Lq: Lorain silty clay loam	Lorain	90	Depressions	Yes	2
	Areas with an organic surface	4	Depressions	Yes	2
	Areas with a thick dark surface	3	Depressions	Yes	2
	Areas with stones or boulders on the surface	3	Depressions	Yes	2
LrB: Lordstown loam, 2 to 6 percent slopes	Lordstown	85	Hills	No	—
	Haskins	4	Till plains, lake plains	No	—

Hydric Soil List - All Components--OH077-Huron County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Chili	4	Terraces	No	—
	Mitiwanga	4	Till plains	No	—
	bedrock at 10 to 20 inches	3	—	—	—
Lu: Luray silty clay loam	Luray	100	Glacial lakes (relict)	Yes	2,3
	Lenawee		Glacial lakes (relict)	Yes	2,3
	Muskego		Glacial lakes (relict)	Yes	1,3
	Elliott		Till plains	No	—
	Pewamo		Glacial lakes (relict)	Yes	2,3
	Sebring		Glacial lakes (relict)	Yes	2,3
	Bono		Glacial lakes (relict)	Yes	2,3
	Condit		Glacial lakes (relict)	Yes	2,3
LzB: Lykens silt loam, 2 to 6 percent slopes	Lykens	100	Till plains	No	—
	Cardington		Ground moraines,end moraines	—	—
	Glynwood		Ground moraines,end moraines	—	—
	Fitchville		Lake plains,terraces	—	—
	Tuscola		Lake plains,deltas	—	—
MkA: Millsdale silty clay loam, 0 to 1 percent slopes	Millsdale	85	Depressions on lake plains,flats on lake plains,drainageways on lake plains	Yes	2
	Randolph soils on slight rises	10	Till plains	No	—
	Joliet	3	Depressions on lake plains,flats on lake plains,drainageways on lake plains	Yes	2
	Pewamo	2	Depressions on lake plains	Yes	2
	Less clay in the subsoil		Depressions on lake plains,flats on lake plains,drainageways on lake plains	Yes	2
	Bedrock at 40 to 60 inches		Depressions on lake plains,flats on lake plains,drainageways on lake plains	Yes	2
Mm: Millsdale silty clay loam	Millsdale	85	Depressions,flats	Yes	2,3
	Pewamo	5	Flats	Yes	2,3

Hydric Soil List - All Components--OH077-Huron County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	somewhat poorly drained soils	5	—	No	—
	bedrock at 10 to 20 inches	5	Depressions,flats	Yes	2,3
MnA: Milton silt loam, 0 to 2 percent slopes	Milton	85	Till plains	No	—
	Channahon	4	Monadnocks on ground moraines,rises on ground moraines	—	—
	Glynwood	4	Ground moraines,end moraines	—	—
	Randolph	4	Till plains	—	—
	soils underlain with fractured, rippable bedrock	3	—	—	—
MnB: Milton silt loam, 2 to 6 percent slopes	Milton	85	Till plains	No	—
	Millsdale	8	Flats	Yes	2,3
	bedrock at 10 to 20 inches	7	—	No	—
Mr: Miner silty clay loam, 0 to 2 percent slopes	Miner	85	Till plains,lake plains	Yes	2,3
	Trumbull	10	Till plains	Yes	2
	Mahoning	5	Till plains	No	—
MwB: Mitiwanga silt loam, 1 to 4 percent slopes	Mitiwanga	90	Till plains	No	—
	Lordstown	4	Hills	No	—
	bedrock at depths greater than 40 inches	3	—	No	—
	moderately well drained soils	3	—	No	—
MxB: Mitiwanga silt loam, 2 to 6 percent slopes	Mitiwanga	85	Till plains	No	—
	Bennington soils at the edge of units	5	Flats on ground moraines,flats on end moraines,rises on ground moraines,rises on end moraines	No	—
	Haskins soils at the edge of units	5	Till plains,lake plains	No	—
	Wakeman soils in higher positions	5	Till plains	No	—

Hydric Soil List - All Components--OH077-Huron County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Loam surface layer		—	—	—
	Bedrock at 40 to 60 inches		—	—	—
Om: Orrville silt loam	Orrville	85	Flood plains	No	—
	Holly	5	Drainageways	Yes	2,4
	Fitchville	5	Lake plains,terraces	—	—
	Areas with bedrock as shallow as 45 inches	2	—	—	—
	Areas with a silty clay loam, sandy loam or loam surface	2	—	—	—
	Areas underlain by sandstone	1	—	—	—
OnA: Orrville silt loam, bedrock substratum, 0 to 2 percent slopes, occasionally flooded	Orrville	85	Flood plains	No	—
	Bedrock at 20 to 40 inches intermixed throughout the units	5	—	No	—
	Tioga soils adjacent to stream channels	5	Flood plains	No	—
	Holly	5	Depressions on flood plains	Yes	2
	More sand in the subsoil		—	—	—
	Bedrock below 80 inches		—	—	—
OpA: Orrville silt loam, bedrock substratum, 0 to 2 percent slopes, frequently flooded	Orrville	85	Flood plains	No	—
	Holly	10	Depressions on flood plains	Yes	2
	Tioga soils adjacent to stream channels	5	Flood plains	No	—
	More sand in the subsoil		—	—	—
	Bedrock below 80 inches		—	—	—
Or: Orrville silt loam, frequently flooded	Orrville	90	Flood plains	No	—
	Bennington	4	Flats on end moraines,flats on ground moraines,rises on end moraines,rises on ground moraines	No	—

Hydric Soil List - All Components--OH077-Huron County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Holly	3	Depressions	Yes	2,4
	Lobdell	3	Flood plains	No	—
OsB: Oshtemo fine sandy loam, 2 to 6 percent slopes	Oshtemo	85	Terraces	No	—
	Chili	4	Terraces	No	—
	Elnora	4	Longshore bars (relict), beach ridges	No	—
	Jimtown	4	Terraces	No	—
	Spinks	3	Outwash plains, dunes, dunes, dunes, lake plains, beach ridges, beach ridges, beach ridges, moraines	No	—
OtB: Otisville gravelly sandy loam, 2 to 6 percent slopes	Otisville	90	Kames, beaches, eskers, terraces	No	—
	Oshtemo	2	Terraces	No	—
	Jimtown	2	Terraces	No	—
	Prout	2	Till plains, lake plains	No	—
	Fries	2	Depressions	Yes	2,3
	soils underlain by loamy till or lacustrine material	2	—	No	—
OvB: Oshtemo loamy sand, 0 to 6 percent slopes	Oshtemo	90	Terraces	No	—
	Jimtown soils at the base of slopes	10	Terraces	No	—
	More rock fragments throughout		—	—	—
	More clay in the subsoil		—	—	—
Pa: Pandora silty clay loam	Pandora	85	Depressions, drainage ways	Yes	2,3
	shale bedrock within 60 inches	5	Depressions, drainage ways	Yes	2,3
	small closed depressions	5	Depressions, drainage ways	Yes	2,3
	Blount	5	Flats on ground moraines, flats on end moraines, rises on ground moraines, rises on end moraines	No	—

Hydric Soil List - All Components--OH077-Huron County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
PkA: Pewamo silty clay loam, 0 to 1 percent slopes	Pewamo	90	Depressions on ground moraines, depressions on lake plains, flats on ground moraines, flats on lake plains, drainageways on ground moraines, drainageways on lake plains	Yes	2
	Elliott soils on slight rises	5	Till plains	No	—
	Bennington soils on slight rises	5	Flats on ground moraines, flats on end moraines, rises on ground moraines, rises on end moraines	No	—
	Bedrock at 40 to 80 inches		Depressions on ground moraines, depressions on lake plains, flats on ground moraines, flats on lake plains, drainageways on ground moraines, drainageways on lake plains	Yes	2
	Less clay in the subsoil		Depressions on lake plains, depressions on ground moraines, flats on ground moraines, flats on lake plains, drainageways on ground moraines, drainageways on lake plains	Yes	2
Pm: Pewamo silty clay loam	Pewamo	90	Flats	Yes	2,3
	Fries	4	Flats	Yes	2,3
	Millsdale	4	Flats	Yes	2,3
	Bennington	2	Flats on ground moraines, flats on end moraines, rises on ground moraines, rises on end moraines	No	—
Pn: Pinnebog muck	Pinnebog	90	Bogs	Yes	1,3
	Lenawee Variant	4	Depressions	Yes	2,3

Hydric Soil List - All Components--OH077-Huron County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Linwood	3	Bogs	Yes	1,3
	Walkill	3	Depressions	Yes	2
Ps: Pits	Pits	100	—	Unranked	—
PuA: Prout silt loam, 0 to 2 percent slopes	Prout	90	Till plains,lake plains	No	—
	Pewamo	4	Depressions	Yes	2,3
	Fries	4	Depressions	Yes	2,3
	Bennington	2	Flats on ground moraines,flats on end moraines,rises on end moraines,rises on ground moraines	No	—
SaF: Saylesville silt loam, 25 to 40 percent slopes	Saylesville	90	Lake plains	No	—
	Brecksville	4	Hills	No	—
	moderately steep slopes	3	—	No	—
	less clay and more sand in the subsoil	3	—	No	—
Sb: Sebring silt loam	Sebring	100	Depressions	Yes	2,3
	Luray		Depressions	Yes	2,3
	gravelly loam or till below 3 or 4 feet		Depressions	Yes	2,3
ScB: Shinrock silt loam, 2 to 6 percent slopes	Shinrock	85	Terraces	No	—
	Lenawee	5	Drainageways	Yes	2,3
	Bennington	5	Flats on ground moraines,flats on end moraines,rises on ground moraines,rises on end moraines	No	—
	Tuscola	5	Lake plains,deltas	No	—
Sd: Shoals silt loam, 0 to 2 percent slopes, frequently flooded	Shoals	80-100	Flood plains	No	—
	Sloan	0-9	Flood plains	Yes	2
	Eel	0-9	Flood plains	No	—

Hydric Soil List - All Components--OH077-Huron County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
SeA: Seward loamy fine sand, 0 to 2 percent slopes	Seward	85	Dunes on lake plains,dunes on till plains,beach ridges on lake plains,beach ridges on till plains	No	—
	Blount	4	Flats on ground moraines,flats on end moraines,rises on ground moraines,rises on end moraines	—	—
	Rimer	4	Till plains,lake plains	—	—
	Haskins	4	Till plains,lake plains	—	—
	Glynwood	3	Ground moraines,end moraines	—	—
Sh: Shoals silt loam, 0 to 2 percent slopes, occasionally flooded	Shoals	80-100	Flood plains	No	—
	Sloan	0-9	Flood plains	Yes	2
	Eel	0-9	Flood plains	No	—
SnB: Spinks loamy fine sand, 0 to 6 percent slopes	Spinks	95	Outwash plains,dunes,dunes,dunes,lake plains,beach ridges,beach ridges,beach ridges,moraines	No	—
	Udipsamments in areas mined for sand	5	—	No	—
	Moderately well drained soils		—	—	—
	More rock fragments in the substratum		—	—	—
	Unweathered till at 40 to 80 inches		—	—	—
	No lamellae in the subsoil		—	—	—
SpB: Spinks loamy fine sand, 2 to 6 percent slopes	Spinks	90	Outwash plains,dunes,dunes,dunes,lake plains,beach ridges,beach ridges,beach ridges,moraines	No	—
	Chili	4	Terraces	No	—
	Elnora	3	Longshore bars (relict),beach ridges	No	—
	Oshtemo	3	Terraces	No	—

Hydric Soil List - All Components--OH077-Huron County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
Tg: Tioga loam, occasionally flooded	Tioga	80	Flood plains	No	—
	Lobdell	5	Flood plains	No	—
	shaly loam surface layer	5	—	No	—
	Orrville	5	Flood plains	No	—
	frequently flooded areas	5	—	No	—
TrA: Tiro silt loam, 0 to 2 percent slopes	Tiro	85	Till plains	No	—
	Condit	5	Depressions	Yes	2,3
	Haskins	5	Till plains,lake plains	No	—
	Cardington	5	Ground moraines,end moraines	No	—
TrB: Tiro silt loam, 2 to 6 percent slopes	Tiro	85	Till plains	No	—
	Cardington	5	Ground moraines,end moraines	No	—
	Haskins	5	Till plains,lake plains	No	—
	Condit	5	Depressions	Yes	2,3
TuA: Tuscola fine sandy loam, 0 to 2 percent slopes	Tuscola	90	Lake plains,deltas	No	—
	Elnora	4	Longshore bars (relict),beach ridges	No	—
	Colwood	3	Depressions,drainage ways	Yes	2,3
	Saylesville	3	Lake plains	No	—
TuB: Tuscola fine sandy loam, 2 to 6 percent slopes	Tuscola	85	Lake plains,deltas	No	—
	Elnora	5	Longshore bars (relict),beach ridges	No	—
	Saylesville	5	Lake plains	No	—
	Kibbie	5	Ground moraines,outwash plains,lake plains,deltas	No	—
Ud: Udorthents, loamy	Udorthents	90	—	Unranked	—
	wetter soils	5	—	—	—
	more sloping soils	5	—	—	—
W: Water	Water	100	—	Unranked	—
Wa: Walkkill silt loam, lacustrine substratum, occasionally flooded	Walkkill	90	Depressions	Yes	2
	Lenawee Variant	5	Depressions	Yes	2,3

Hydric Soil List - All Components--OH077-Huron County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Linwood	5	Bogs	Yes	1,3

Data Source Information

Soil Survey Area: Huron County, Ohio
Survey Area Data: Version 14, Sep 18, 2014