

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—OH147-Seneca County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
AdA: Adrian muck, drained, 0 to 1 percent slopes	Adrian-Drained	90-100	Depressions	Yes	1,3
	Mermill-Drained	0-5	Depressions	Yes	2,3
	Granby-Drained	0-5	Depressions	Yes	2,3
BdB: Belmore loam, 2 to 6 percent slopes	Belmore	90	Outwash terraces, beach ridges, outwash plains	No	—
	Digby	5	Outwash terraces, outwash plains	—	—
	Rawson	5	Lake plains, till plains, outwash plains	—	—
BfF2: Belmore-Morley complex, 18 to 50 percent slopes, eroded	Belmore	65	Outwash terraces, beach ridges, outwash plains	No	—
	Morley	30	Till plains, moraines	No	—
	silt loam subsoil and substratum	5	—	—	—
BgA: Bennington silt loam, 0 to 2 percent slopes	Bennington	85	Rises on ground moraines, rises on end moraines, flats on ground moraines, flats on end moraines	No	—
	Condit	8	Depressions, flats	Yes	2,3
	Marengo	7	Depressions, flats	Yes	2,3
BgB: Bennington silt loam, 2 to 6 percent slopes	Bennington	95	Rises on ground moraines, rises on end moraines, flats on ground moraines, flats on end moraines	No	—
	Haskins	3	Lake plains, till plains	—	—
	Milton	2	Till plains	—	—
BgB2: Bennington silt loam, 2 to 6 percent slopes, eroded	Bennington	90	Rises on ground moraines, rises on end moraines, flats on ground moraines, flats on end moraines	No	—
	Milton	5	Till plains	—	—
	Haskins	5	Lake plains, till plains	—	—

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BhA: Bixler loamy fine sand, 0 to 2 percent slopes	Bixler	85	Beach ridges on lake plains, beach ridges on outwash plains, rises on lake plains, rises on outwash plains	No	—
	Colwood	4	Depressions	Yes	2,3
	Kibbie	4	Ground moraines, deltas, lake plains, outwash plains	No	—
	Elnora	4	Longshore bars (relict), beach ridges	No	—
	Tuscola	3	Deltas, lake plains	No	—
Ble1A1: Blount silt loam, end moraine, 0 to 2 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
Ble1B1: 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	—
Bp: Bono silty clay, loamy substratum	Bono	90	Flats	Yes	2,3
	Lenawee	5	Depressions	Yes	2,3
	Pandora	5	Drainageways	Yes	2,3

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BrA: Blount-Houcktown complex, 0 to 3 percent slopes	Blount	60	Rises on ground moraines,rises on disintegration moraines,rises on end moraines	No	—
	Houcktown	35	Rises on disintegration moraines,rises on ground moraines,rises on end moraines	No	—
	Pewamo	5	Depressions on disintegration moraines,depressions on ground moraines,depressions on end moraines,drainage ways on ground moraines,drainage ways on disintegration moraines,drainage ways on end moraines	Yes	2
	Silt loam surface layer		—	—	—
	Loamy soils with till at 40 to 60 inches		—	—	—
	Fine sandy loam surface layer		—	—	—
	More sand and less clay in the subsoil and substratum		—	—	—
BsA: Blount-Urban land complex, 0 to 2 percent slopes	Blount	30-70	Ground moraines on till plains,end moraines on till plains	No	—
	Urban land	20-60	Till plains	Unranked	—
	Aeric Epiaquents-Till substratum	0-15	Till plains	No	—
	Typic Endoaquents-Till substratum	0-9	Till plains	Yes	2
BtA: Bogart loam, 0 to 2 percent slopes	Bogart	90	Terraces	No	—
	Olmsted	5	Depressions	Yes	2,3
	Colwood	5	Depressions	Yes	2,3
	Gravelly surface layer		—	—	—
Ca: Carlisle muck	Carlisle	95	Depressions	Yes	1,3,4
	Bono	2	Flats	Yes	2,3

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	Lenawee	2	Depressions	Yes	2,3
	Linwood	1	Depressions	Yes	1,3,4
CdB2: Cardington silt loam, 2 to 6 percent slopes, moderately eroded	Cardington	92	Ground moraines,end moraines	No	—
	Pewamo	4	Drainageways	Yes	2,3
	Marengo	4	Drainageways	Yes	2,3
	Bennington		Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	—	—
	Severely eroded areas		—	—	—
CdC2: Cardington silt loam, 6 to 12 percent slopes, moderately eroded	Cardington	93	Ground moraines,end moraines	No	—
	Pewamo	4	Drainageways	Yes	2,3
	Marengo	3	Drainageways	Yes	2,3
	Fragipan subsoil		—	—	—
	Bennington		Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	—	—
Ch: Chagrin silt loam, occasionally flooded	Chagrin	85	Flood plains	No	—
	Shoals	12	Flood plains	—	—
	bedrock at 20 to 40 inches	3	—	—	—
CnA: Channahon silt loam, 0 to 2 percent slopes	Channahon	85	Rises on ground moraines,monadnocks on ground moraines	No	—
	Randolph	4	Till plains	—	—
	Milton	4	Till plains	—	—
	Millsdale	4	Depressions,flats	Yes	2,3
	droughty soils with sandy loam surface layer	3	—	—	—
CnB: Channahon silt loam, 2 to 6 percent slopes	Channahon	85	Rises on ground moraines,monadnocks on ground moraines	No	—
	Milton	8	Till plains	—	—

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	Randolph	7	Till plains	—	—
Co: Colwood silt loam	Colwood	85	Lake plains	Yes	2,3
	Randolph	3	Till plains	No	—
	Kibbie	3	Ground moraines,deltas,lake plains,outwash plains	No	—
	Millgrove	3	Depressions	Yes	2,3
	Millsdale	3	Depressions	Yes	2,3
	Hoytville	3	Flats	Yes	2,3
Cp: Colwood fine sandy loam	Colwood	90	Depressions on outwash plains,depressions on lake plains,flats on outwash plains,flats on lake plains	Yes	2,3
	Dixboro	3	Lake plains,outwash plains	No	—
	Bixler	3	Beach ridges on lake plains,beach ridges on outwash plains,rises on lake plains,rises on outwash plains	No	—
	Lenawee	2	Depressions on lake plains,depressions on outwash plains,flats on lake plains,flats on outwash plains	Yes	2,3
	Kibbie	2	Ground moraines,deltas,lake plains,outwash plains	No	—
CvA: Cygnet loam, 0 to 2 percent slopes	Cygnet	90	Longshore bars (relict) on lake plains,beach ridges on lake plains,rises on lake plains	No	—
	Alvada	10	Depressions on lake plains,drainageways on lake plains	Yes	2
	Fine sandy loam surface layer		—	—	—
	Till below 60 inches		—	—	—

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	More sand and less clay in the subsoil		—	—	—
	More rock fragments in the upper part of the substratum		—	—	—
	Somewhat poorly drained soils with till at 20 to 40 inches		—	—	—
	Well drained soils		—	—	—
DeA: Del Rey silt loam, 0 to 2 percent slopes	Del Rey	91	Till plains	No	—
	Milford	2	Depressions	Yes	2,3
	Kibbie	2	Ground moraines,deltas,lake plains,outwash plains	—	—
	Haskins	2	Lake plains,till plains	—	—
	Bono	2	Depressions	Yes	2,3
	Shinrock	1	Disintegration moraines,lake plains	—	—
DmA: Digby loam, 1 to 4 percent slopes	Digby	95	Outwash terraces,outwash plains	No	—
	Millgrove	5	Depressions	Yes	2,3
DnA: Digby loam, 0 to 3 percent slopes	Digby	86	Outwash terraces,outwash plains	No	—
	Haney	2	Outwash terraces,glacial drainage channels,outwash plains	—	—
	Mermill	2	Depressions,swales	Yes	2,3
	Colwood	2	Depressions,swales	Yes	2,3
	Millgrove	2	Depressions,swales	Yes	2,3
	Belmore	2	Outwash terraces,beach ridges,outwash plains	—	—

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	Blount	1	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	—	—
	Bennington	1	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	—	—
	Shoals	1	Flood plains	—	—
	rarely flooded areas	1	—	—	—
DpB: Dunbridge loamy fine sand, 1 to 4 percent slopes	Dunbridge	100	Knolls on monadnocks on ground moraines,rises on monadnocks on ground moraines	No	—
	More sand and less clay in the subsoil		—	—	—
	Bedrock at 40 to 60 inches		—	—	—
	Moderately well drained sandy soils with bedrock at 40 to 60		—	—	—
	Fine sandy loam surface layer		—	—	—
	Lighter colored surface layer		—	—	—
DrB: Dunbridge sandy loam, 1 to 4 percent slopes	Dunbridge	90	Lake plains,stream terraces	No	—
	Spinks	3	Dunes,dunes,dunes,beach ridges,beach ridges,lake plains,moraines,out wash plains	—	—
	Belmore	3	Outwash terraces,beach ridges,outwash plains	—	—
	Castalia	2	Reefs on lake plains	—	—
	Millsdale	2	Depressions on stream terraces,depressions on lake plains	Yes	2,3

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DsB: Dunbridge-Spinks, deep to limestone, loamy fine sands, 2 to 6 percent slopes	Dunbridge	47	Reefs on lake plains, knolls on lake plains	No	—
	Spinks-Deep to limestone	43	Reefs on lake plains, knolls on lake plains	No	—
	Marblehead	5	Reefs on lake plains, rises on lake plains	—	—
	Castalia	5	Reefs on lake plains, rises on lake plains	—	—
	Dark colored surface layer more than 10 inches thick		—	—	—
	Ritchey		Till plains	—	—
	Less clay in the subsoil		—	—	—
	Fine sandy loam, sandy loam, loamy sand, or loam surface lay		—	—	—
	Milton		Till plains	—	—
	Bedrock at 10 to 18 inches		—	—	—
	Slopes of 0 to 2 percent		—	—	—
	Stones or boulders on the surface or in the soil		—	—	—
FbA: Fitchville silt loam, 0 to 2 percent slopes	Fitchville	86	Terraces, lake plains	No	—
	Luray	5	Depressions, drainage ways	Yes	2,3
	Colwood	5	Depressions, drainage ways	Yes	2,3
	Milford	4	Depressions, drainage ways	Yes	2,3
FcA: Fitchville silt loam, 1 to 4 percent slopes	Fitchville	95	Terraces, lake plains	No	—
	Colwood	2	Depressions	Yes	2,3
	Nappanee	2	Lake plains	—	—
	occasionally flooded areas	1	—	—	—

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GaA: Gallman loam, 0 to 2 percent slopes	Gallman	90	Outwash terraces,moraines,kames,outwash plains	No	—
	Digby	5	Outwash terraces,outwash plains	—	—
	Haney	5	Outwash terraces,glacial drainage channels,outwash plains	—	—
GaB: Gallman loam, 2 to 6 percent slopes	Gallman	90	Outwash terraces,moraines,kames,outwash plains	No	—
	Digby	5	Outwash terraces,outwash plains	—	—
	Haney	5	Outwash terraces,glacial drainage channels,outwash plains	—	—
Ge: Genesee silt loam, occasionally flooded	Genesee	75	Flood plains	No	—
	Sloan	7	Abandoned channels	Yes	2,3
	Medway	7	Flood plains	—	—
	Shoals	7	Flood plains	—	—
	bedrock at 3 to 5 feet	4	—	—	—
GfA: Gilford mucky loam, 0 to 1 percent slopes	Gilford	90	Depressions on outwash plains,flats on outwash plains	Yes	2
	Somewhat poorly drained soils	7	—	No	—
	Ottokee	3	Beach ridges on lake plains,dunes on lake plains	No	—
	More rock fragments in the substratum		Depressions on outwash plains,flats on outwash plains	Yes	2
	Dark colored surface layer less than 10 inches thick		Depressions on outwash plains,flats on outwash plains	Yes	2
	Thicker solum with more clay and less sand		Depressions on outwash plains,flats on outwash plains	Yes	2
	Fine sandy loam surface layer		Depressions on outwash plains,flats on outwash plains	Yes	2

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GhB: Glenford silt loam, 2 to 6 percent slopes	Glenford	85	Terraces,lake plains	No	—
	Kibbie	4	Ground moraines,deltas,lake plains,outwash plains	—	—
	Colwood	4	Depressions on lake plains,depressions on terraces	Yes	2,3
	Del Rey	4	Till plains	—	—
	Glynwood	3	Ground moraines,end moraines	—	—
GmA: Glynwood loam, limestone substratum, 0 to 2 percent slopes	Glynwood, limestone substratum	100	Rises on monadnocks on ground moraines	No	—
	Somewhat poorly drained soils		—	—	—
	Well drained soils		—	—	—
	Bedrock at 40 to 60 inches		—	—	—
	Silt loam surface layer		—	—	—
	More sand and less clay in the subsoil		—	—	—
GwA: Glynwood silt loam, 0 to 2 percent slopes	Glynwood	85	Ground moraines,end moraines	No	—
	Blount	3	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	—	—
	Haskins	3	Lake plains,till plains	—	—
	Pewamo	3	Drainageways	Yes	2,3
	Pandora	3	Drainageways	Yes	2,3
	Milton	3	Till plains	—	—
Gwd5C2: Glynwood clay loam, 6 to 12 percent slopes, eroded	Glynwood	75-90	End moraines	No	—
	Blount	0-9	Rises on ground moraines,flats on ground moraines	No	—
	Morley	0-9	Till plains	No	—
Gwe1B1: Glynwood silt loam, end moraine, 2 to 6 percent slopes	Glynwood-End moraine	80-90	End moraines on till plains	No	—
	Blount-End moraine	0-12	End moraines on till plains	No	—

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	Pewamo	0-9	End moraines on till plains	Yes	2
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
Gwg5C2: Glynwood clay loam, ground moraine, 6 to 12 percent slopes, eroded	Glynwood	75-90	Ground moraines	No	—
	Blount	0-9	Flats on ground moraines	No	—
	Pewamo	0-9	Depressions on till plains	Yes	2
HaA: Haney loam, 0 to 2 percent slopes	Haney	90	Outwash terraces, glacial drainage channels, outwash plains	No	—
	Digby	10	Outwash terraces, outwash plains	—	—
HaB: Haney loam, 2 to 6 percent slopes	Haney	90	Outwash terraces, glacial drainage channels, outwash plains	No	—
	Digby	10	Outwash terraces, outwash plains	—	—

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HaC2: Haney loam, 6 to 12 percent slopes, eroded	Haney	90	Outwash terraces,glacial drainage channels,outwash plains	No	—
	Digby	5	Outwash terraces,outwash plains	—	—
	Haskins	5	Lake plains,till plains	—	—
HbB: Haskins sandy loam, 1 to 4 percent slopes	Haskins	90	Lake plains,till plains,stream terraces	No	—
	Hoytville	3	Depressions on lake plains,depressions on till plains,depressions on stream terraces,drainageways on lake plains,drainageways on till plains,drainageways on stream terraces	Yes	2,3
	Belmore	3	Outwash terraces,beach ridges,outwash plains	—	—
	Bennington	2	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	—	—
	Mermill	2	Depressions on stream terraces,depressions on till plains,depressions on lake plains,drainageways on stream terraces,drainageways on till plains,drainageways on lake plains	Yes	2,3
HcA: Hoytville silty clay loam, 0 to 1 percent slopes	Hoytville	85-98	Depressions,drainageways,flats	Yes	2
	Nappanee	2-15	Rises on lake plains	No	—
HkA: Haskins loam, 0 to 2 percent slopes	Haskins	90	Lake plains,till plains	No	—
	Rawson	5	Lake plains,till plains,outwash plains	—	—

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	Pandora	5	Drainageways	Yes	2,3
HkB: Haskins loam, 2 to 6 percent slopes	Haskins	90	Lake plains,till plains	No	—
	Pandora	5	Drainageways	Yes	2,3
	Rawson	5	Lake plains,till plains,outwash plains	—	—
HmB: Haskins-Seward complex, 2 to 6 percent slopes	Haskins	60	Lake plains,till plains	No	—
	Seward	30	Beach ridges on lake plains,beach ridges on till plains,dunes on lake plains,dunes on till plains	No	—
	sandy, more droughty soils	5	—	—	—
	Rimer	5	Lake plains,till plains	—	—
HnB: Houcktown loam, 2 to 6 percent slopes	Houcktown	90	Knolls on end moraines,knolls on ground moraines,knolls on lake plains	No	—
	Pewamo	6	Depressions on end moraines,depressions on ground moraines,depressions on lake plains,drainageways on lake plains,drainageways on end moraines,drainageways on ground moraines	Yes	2
	Mermill	3	Depressions on lake plains,drainageways on lake plains	Yes	2
	Rarely flooded areas adjacent to the Blanchard River and its	1	—	No	—
	Till at 40 to 60 inches		—	—	—
	Somewhat poorly drained soils		—	—	—
	More clay and less sand in the subsoil		—	—	—
	Fine sandy loam or sandy loam surface layer		—	—	—

Hydric Soil List - All Components--OH147-Seneca County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
HoA: Hoytville clay loam, 0 to 1 percent slopes	Hoytville	85-98	Depressions, drainage ways, flats	Yes	2
	Nappanee	2-15	Rises on lake plains	No	—
	Houcktown	0-2	Beach ridges on lake plains, rises on lake plains, flats on lake plains	No	—
HyA: Hoytville-Urban land complex, 0 to 1 percent slopes	Hoytville	50-70	Depressions, drainage ways, flats	Yes	2
	Urban land	20-50	Lake plains	Unranked	—
	Nappanee	0-10	Rises on lake plains	No	—
JtA: Jimtown loam, 0 to 3 percent slopes	Jimtown	80	Terraces	No	—
	moderately well drained soils	5	—	No	—
	Chili	5	Terraces	No	—
	Haskins	5	Lake plains, till plains	No	—
	Colwood	5	Depressions	Yes	2,3
KbA: Kibbie fine sandy loam, 0 to 2 percent slopes	Kibbie	90	Ground moraines, deltas, lake plains, outwash plains	No	—
	Fitchville	5	Terraces, lake plains	—	—
	Hoytville	5	Depressions	Yes	2,3
KcA: Kibbie-Blount complex, 0 to 2 percent slopes	Kibbie	40	Ground moraines, deltas, lake plains, outwash plains	No	—
	Blount	35	Rises on ground moraines, rises on end moraines, flats on ground moraines, flats on end moraines	No	—
	Pewamo	5	Depressions, drainage ways	Yes	2,3
	Glynwood	4	Ground moraines, end moraines	—	—
	Pandora	4	Depressions, drainage ways	Yes	2,3
	Colwood	4	Depressions, drainage ways	Yes	2,3
	Milford	4	Depressions, drainage ways	Yes	2,3
	Tuscola	4	Deltas, lake plains	—	—

Hydric Soil List - All Components--OH147-Seneca County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
Le: Lenawee silty clay loam	Lenawee	95	Depressions	Yes	2,3
	Pandora	3	Drainageways	Yes	2,3
	Bono	2	Drainageways	Yes	2,3
Lw: Linwood muck	Linwood	90	Depressions	Yes	1,3,4
	Colwood	5	Depressions	Yes	2,3
	Millgrove	5	Depressions	Yes	2,3
LzB: Lykens-Milton silt loams, 2 to 6 percent slopes	Lykens	50	Ground moraines	No	—
	Milton	30	Till plains	No	—
	Pewamo	5	Depressions,till plains,flats	Yes	2,3
	Elliott	5	Till plains	—	—
	Blount	5	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	—	—
	Ritchey	5	Till plains	—	—
MbA: Mermill loam, 0 to 1 percent slopes	Mermill	90	Depressions on lake plains,drainageways on lake plains,flats on lake plains	Yes	2
	Aurand	7	Rises on lake plains	No	—
	Haskins	3	Rises on lake plains	No	—
	Till at 40 to 60 inches		Depressions on lake plains,drainageways on lake plains,flats on lake plains	Yes	2
	More clay and less sand in the subsoil		Depressions on lake plains,drainageways on lake plains,flats on lake plains	Yes	2
	Surface layer more than 10 inches thick		Depressions on lake plains,drainageways on lake plains,flats on lake plains	Yes	2
	Clay loam or silty clay loam surface layer		Depressions on lake plains,drainageways on lake plains,flats on lake plains	Yes	2
	MdA: Mermill-Urban land complex, 0 to 1 percent slopes	Mermill	60	Depressions on lake plains,drainageways on lake plains,flats on lake plains	Yes
Urban land		30	Lake plains	Unranked	—

Hydric Soil List - All Components--OH147-Seneca County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Aurand	5	Rises on lake plains	No	—
	Haskins	5	Rises on lake plains	No	—
	Surface layer more than 10 inches thick		Depressions on lake plains, drainageways on lake plains, flats on lake plains	Yes	2
	Till at 40 to 60 inches		Depressions on lake plains, drainageways on lake plains, flats on lake plains	Yes	2
	Sandy clay loam or clay loam surface layer		Depressions on lake plains, drainageways on lake plains, flats on lake plains	Yes	2
	More clay in the subsoil		Depressions on lake plains, drainageways on lake plains, flats on lake plains	Yes	2
Me: Mermill loam	Mermill	85	Flats	Yes	2,3
	Haskins	8	Lake plains, till plains	No	—
	Millgrove	7	Depressions	Yes	2,3
Mf: Millgrove loam	Millgrove	95	Depressions	Yes	2,3
	Kibbie	5	Ground moraines, deltas, lake plains, outwash plains	No	—
Mg: Millgrove silt loam	Millgrove	85	Outwash plains	Yes	2,3
	Haney	4	Outwash terraces, glacial drainage channels, outwash plains	No	—
	Digby	4	Outwash terraces, outwash plains	No	—
	Luray	4	Depressions	Yes	2,3
	Milford	3	Depressions	Yes	2,3
	rarely flooded areas		Flood plains	Yes	2,3
Mh: Milford silty clay loam	Milford	85	Flats	Yes	2,3
	Tiro	3	Till plains	No	—
	Kibbie	3	Ground moraines, deltas, lake plains, outwash plains	No	—
	Olentangy	3	Depressions	Yes	2,3

Hydric Soil List - All Components--OH147-Seneca County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Del Rey	3	Till plains	No	—
	Blount	3	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	No	—
MkA: Millsdale silty clay loam, 0 to 1 percent slopes	Millsdale	90	Depressions on lake plains,drainageways on lake plains,flats on lake plains	Yes	2,3
	Randolph soils on rises	10	Rises on lake plains	No	—
	Clay loam, silt loam or loam surface layer		Depressions on lake plains,drainageways on lake plains,flats on lake plains	Yes	2,3
	Surface layer more than 10 inches thick		Depressions on lake plains,drainageways on lake plains,flats on lake plains	Yes	2,3
	Bedrock at 40 to 60 inches		Depressions on lake plains,drainageways on lake plains,flats on lake plains	Yes	2,3
	Millgrove		Lake plains	Yes	2,3
	Hoytville		Lake plains	Yes	2
	Joliet		Reefs on lake plains	Yes	2
	Lighter colored surface layer		Depressions on lake plains,drainageways on lake plains,flats on lake plains	Yes	2,3
MIA: Milton loam, 0 to 2 percent slopes	Milton	90	Reefs on lake plains,rises on lake plains	No	—
	Castalia	5	Reefs on lake plains,rises on lake plains	—	—
	Marblehead	5	Rises on reefs on lake plains	—	—
	Silt loam, sandy loam, or fine sandy loam surface layer		—	—	—
	Darker colored surface layer		—	—	—
	Stones or boulders on the surface or in the soil		—	—	—

Hydric Soil List - All Components--OH147-Seneca County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Ritchey		Till plains	—	—
	Dunbridge		Rises on monadnocks on ground moraines	—	—
	Few, scattered wet spots		—	—	—
Mm: Millsdale silty clay loam	Millsdale	85	Depressions	Yes	2,3
	Lenawee	5	Depressions	Yes	2,3
	Randolph	5	Till plains	No	—
	Hoytville	5	Lake plains	Yes	2,3
MnA: Milton silt loam, 0 to 2 percent slopes	Milton	85	Till plains	No	—
	Randolph	4	Till plains	—	—
	Channahon	4	Rises on ground moraines, monadnocks on ground moraines	—	—
	Glynwood	4	Ground moraines, end moraines	—	—
	soils underlain with fractured, rippable bedrock	3	—	—	—
MnB: Milton silt loam, 2 to 6 percent slopes	Milton	85	Till plains	No	—
	Channahon	5	Rises on ground moraines, monadnocks on ground moraines	—	—
	Randolph	5	Till plains	—	—
	Glynwood	5	Ground moraines, end moraines	—	—
MoA: Milton variant loam, 0 to 2 percent slopes	Milton Variant	85	Stream terraces	No	—
	Gallman	5	Outwash terraces, moraines, kames, outwash plains	—	—
	Millsdale	5	Depressions	Yes	2,3
	Colwood	5	Depressions	Yes	2,3
MoB: Milton variant loam, 2 to 6 percent slopes	Milton Variant	85	Stream terraces	No	—
	Gallman	8	Outwash terraces, moraines, kames, outwash plains	—	—
	Millsdale	7	Depressions	Yes	2,3

Hydric Soil List - All Components--OH147-Seneca County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
MpA: Morley loam, limestone substratum, 0 to 2 percent slopes	Morley, limestone substratum	95	Rises on monadnocks on ground moraines	No	—
	Milton	5	Till plains	No	—
	Bedrock at 40 to 60 inches		—	—	—
	Loam textured substratum		—	—	—
	Thicker subsoil		—	—	—
	More sand and less clay in the subsoil		—	—	—
	Silt loam surface layer		—	—	—
	Well drained soils		—	—	—
MrD2: Morley silt loam, 12 to 18 percent slopes, eroded	Morley	95	Till plains,moraines	No	—
	Glynwood	5	Ground moraines,end moraines	—	—
MrF2: Morley silt loam, 18 to 50 percent slopes, eroded	Morley	85	Till plains,moraines	No	—
	Gallman	5	Outwash terraces,moraines,kames,outwash plains	—	—
	Glynwood	5	Ground moraines,end moraines	—	—
	escarpments	5	—	—	—
MsB: Morley, limestone substratum-Milton complex, 2 to 6 percent slopes	Morley, limestone substratum	60	Knolls on monadnocks on ground moraines	No	—
	Milton	30	Knolls on monadnocks on ground moraines	No	—
	Biglick	10	Rises on monadnocks on till plains,flats on monadnocks on till plains	No	—
	Slopes of 0 to 2 percent		—	—	—
	Bedrock at 40 to 60 inches		—	—	—
	Loam textured substratum		—	—	—
	More sand and less clay in the subsoil		—	—	—
	Silt loam surface layer		—	—	—
	Thicker subsoil		—	—	—

Hydric Soil List - All Components--OH147-Seneca County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
NaA: Nappanee loam, 0 to 2 percent slopes	Nappanee	90	Rises on lake plains, flats on lake plains	No	—
	Hoytville	10	Depressions on lake plains, drainageways on lake plains	Yes	2
	Carbonates at 10 to 18 inches		—	—	—
	Darker colored surface layer		—	—	—
	Clay loam, silt loam, silty clay loam, or sandy loam surface		—	—	—
	Moderately well drained soils		Rises on lake plains	—	—
	Haskins		Lake plains, till plains	—	—
	Bedrock at 48 to 60 inches		—	—	—
NoA: Nappanee silt loam, 0 to 3 percent slopes	Nappanee	85	Lake plains, rises on lake plains	No	—
	Haskins	5	Lake plains, till plains	—	—
	Glynwood	5	Ground moraines, end moraines	—	—
	Hoytville	5	Depressions on lake plains	Yes	2,3
NpA: Nappanee silt loam, 0 to 2 percent slopes	Nappanee	85	Lake plains	No	—
	Hoytville	5	Depressions	Yes	2,3
	Randolph	5	Till plains	—	—
	Haskins	5	Lake plains, till plains	—	—
NpB: Nappanee silt loam, 2 to 6 percent slopes	Nappanee	85	Lake plains	No	—
	Hoytville	5	Depressions	Yes	2,3
	Randolph	5	Till plains	—	—
	Haskins	5	Lake plains, till plains	—	—
NrA: Nappanee silty clay loam, 0 to 2 percent slopes	Nappanee	90	Rises on lake plains, flats on lake plains	No	—
	Hoytville	10	Depressions on lake plains, drainageways on lake plains	Yes	2
	Less clay in the subsoil		—	—	—
	Moderately well drained soils		Rises on lake plains	—	—

Hydric Soil List - All Components--OH147-Seneca County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Loam or clay loam surface layer		—	—	—
	Bedrock at 48 to 60 inches		—	—	—
NsA: Nappanee-Urban land complex, 0 to 2 percent slopes	Nappanee	60	Rises on lake plains, flats on lake plains	No	—
	Urban land	30	Lake plains	Unranked	—
	Hoytville	10	Depressions on lake plains, drainage ways on lake plains	Yes	2
	Loam or clay loam surface layer		—	—	—
	Moderately well drained soils		Rises on lake plains	—	—
	Bedrock at 48 to 60 inches		—	—	—
	Less clay in the subsoil		—	—	—
OnC2: Oshtemo fine sandy loam, 6 to 18 percent slopes, eroded	Oshtemo	82	Terraces	No	—
	Millgrove	6	Depressions, drainage ways	Yes	2,3
	layers of silt loam, fine sand, or silty clay in the subsoil	6	—	—	—
	Digby	6	Outwash terraces, outwash plains	—	—
OnE: Oshtemo fine sandy loam, 18 to 35 percent slopes	Oshtemo	81	Terraces	No	—
	Morley	4	Till plains, moraines	—	—
	severely eroded areas	4	—	—	—
	layers of silt loam, fine sand, or silty clay in the subsoil	4	—	—	—
	Digby	4	Outwash terraces, outwash plains	—	—
	slopes of 35 to 60 percent	3	—	—	—
OpB: Oshtemo sandy loam, 2 to 6 percent slopes	Oshtemo	85	Terraces	No	—
	Seward	3	Beach ridges on lake plains, beach ridges on till plains, dunes on lake plains, dunes on till plains	—	—

Hydric Soil List - All Components--OH147-Seneca County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Spinks	3	Beach ridges,beach ridges,beach ridges,lake plains,moraines,out wash plains,dunes,dunes, dunes	—	—
	Gallman	3	Outwash terraces,moraines,k ames,outwash plains	—	—
	Haney	3	Outwash terraces,glacial drainage channels,outwash plains	—	—
	Haskins	3	Lake plains,till plains	—	—
Pa: Pandora silt loam	Pandora	85	Depressions,drainage ways	Yes	2,3
	Blount	4	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	No	—
	Tiro	4	Till plains	No	—
	Pewamo	4	Depressions	Yes	2,3
	Lenawee	3	Depressions	Yes	2,3
Pb: Pandora silty clay loam	Pandora	85	Depressions,drainage ways	Yes	2,3
	Blount	5	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	No	—
	small closed depressions	5	Depressions,drainage ways	Yes	2,3
	shale bedrock within 60 inches	5	Depressions,drainage ways	Yes	2,3
Pm: Pewamo silty clay loam	Pewamo	85	Depressions	Yes	2,3
	Bono	4	Depressions	Yes	2,3
	Lenawee	4	Depressions	Yes	2,3
	Pandora	4	Depressions	Yes	2,3
	Blount	3	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	No	—

Hydric Soil List - All Components--OH147-Seneca County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
PnA: Pewamo silty clay loam, 0 to 1 percent slopes	Pewamo	94	Depressions on disintegration moraines, depressions on lake plains, depressions on end moraines, depressions on ground moraines, drainage ways on ground moraines, drainage ways on lake plains, drainage ways on end moraines, drainage ways on disintegration moraines, flats on lake plains	Yes	2
	Blount	3	Rises on ground moraines, rises on end moraines, flats on ground moraines, flats on end moraines	No	—
	Elliott	2	Till plains	No	—
	Rarely flooded areas adjacent to the Blanchard River and its	1	Flood plains	Yes	2
	Undrained areas of Pewamo soils in wooded areas		Depressions on disintegration moraines, depressions on ground moraines, depressions on lake plains, depressions on end moraines, drainage ways on disintegration moraines, drainage ways on ground moraines, drainage ways on end moraines, drainage ways on lake plains, flats on lake plains	Yes	2
	Small closed depressions with 10 to 25 inches of silty overw		Depressions on disintegration moraines, depressions on ground moraines, depressions on lake plains, depressions on end moraines	Yes	2

Hydric Soil List - All Components--OH147-Seneca County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Bedrock at 60 to 80 inches		Depressions on disintegration moraines, depressions on ground moraines, depressions on lake plains, depressions on end moraines, drainage ways on ground moraines, drainage ways on end moraines, drainage ways on lake plains, drainageways on disintegration moraines, flats on lake plains	Yes	2
	Clay or clay loam surface layer		Depressions on disintegration moraines, depressions on ground moraines, depressions on lake plains, depressions on end moraines, drainage ways on lake plains, drainageways on disintegration moraines, drainage ways on ground moraines, drainage ways on end moraines, flats on lake plains	Yes	2

Hydric Soil List - All Components--OH147-Seneca County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Lighter colored surface layer		Depressions on disintegration moraines, depressions on ground moraines, depressions on lake plains, depressions on end moraines, drainage ways on disintegration moraines, drainage ways on ground moraines, drainage ways on end moraines, drainage ways on lake plains, flats on lake plains	Yes	2
	Surface layer less than 10 inches thick		Depressions on disintegration moraines, depressions on ground moraines, depressions on lake plains, depressions on end moraines, drainage ways on ground moraines, drainage ways on end moraines, drainage ways on lake plains, drainageways on disintegration moraines, flats on lake plains	Yes	2
PoA: Pewamo-Urban land complex, 0 to 2 percent slopes	Pewamo	50	Depressions on lake plains, depressions on end moraines, depressions on ground moraines, drainage ways on lake plains, drainageways on end moraines, drainage ways on ground moraines	Yes	2
	Urban land	30	Ground moraines, end moraines	Unranked	—

Hydric Soil List - All Components--OH147-Seneca County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Rarely flooded areas adjacent to the Blanchard River and its	10	Flood plains	Yes	2
	Blount	7	Rises on end moraines,rises on ground moraines,flats on ground moraines,flats on end moraines	No	—
	Udorthents or Aquepts	3	—	Unranked	—
	Till below 80 inches		Depressions on end moraines,depressions on lake plains,depressions on ground moraines,drainage ways on ground moraines,drainage ways on end moraines,drainage ways on lake plains	Yes	2
	More sand and less clay in the subsoil		Depressions on end moraines,depressions on lake plains,depressions on ground moraines,drainage ways on end moraines,drainage ways on lake plains,drainageways on ground moraines	Yes	2
Pt: Pits, quarries	Pits	100	—	Unranked	—
RaA: Randolph loam, 0 to 2 percent slopes	Randolph	90	Rises on lake plains,flats on lake plains	No	—
	Digby	2	— error in exists on —	—	—
	Millsdale	2	Depressions on lake plains,drainageways on lake plains	Yes	2,3
	Haskins	2	Rises on lake plains,flats on lake plains	—	—
	Nappanee	2	— error in exists on —	—	—
	Bedrock at 4 to 10 inches	2	Rises on lake plains,flats on lake plains	—	—

Hydric Soil List - All Components--OH147-Seneca County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Moderately well drained soils		Knolls on lake plains,rises on lake plains	—	—
	Silt loam surface layer		—	—	—
	Less clay in subsoil		—	—	—
	Darker colored surface layer		—	—	—
	Bedrock at 10 to 20 inches		—	—	—
RbA: Randolph silt loam, 0 to 2 percent slopes	Randolph	85	Till plains	No	—
	Millsdale	4	Depressions	Yes	2,3
	Milton	4	Till plains	—	—
	Blount	4	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	—	—
	Bennington	3	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	—	—
RmB: Rawson loam, 2 to 6 percent slopes	Rawson	85	Lake plains,till plains,outwash plains	No	—
	Haskins	5	Lake plains,till plains	—	—
	Blount	5	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	—	—
	Milton	5	Till plains	—	—
RnB: Rimer loamy fine sand, 1 to 4 percent slopes	Rimer	85	Beach ridges	No	—
	Seward	4	Dunes on lake plains,dunes on till plains,beach ridges on lake plains,beach ridges on till plains	—	—

Hydric Soil List - All Components--OH147-Seneca County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Tedrow	4	Dunes on lake plains,beach ridges on outwash plains,beach ridges on lake plains,dunes on outwash plains	—	—
	Dixboro	4	Lake plains,outwash plains	—	—
	Mermill	3	Depressions on beach ridges,drainageways on beach ridges	Yes	2,3
RoA: Rimer loamy sand, 0 to 2 percent slopes	Rimer	85	Lake plains,till plains	No	—
	Haskins	5	Lake plains,till plains	—	—
	Blount	5	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	—	—
	Seward	5	Beach ridges on lake plains,beach ridges on till plains,dunes on lake plains,dunes on till plains	—	—
RpB: Ritchey silt loam, 1 to 6 percent slopes	Ritchey	81	Till plains	No	—
	Randolph	7	Till plains	—	—
	Tiro	6	Till plains	—	—
	Lykens	6	Till plains	—	—
RsB: Ritchey loam, 2 to 6 percent slopes	Ritchey	90	Reefs on lake plains,knolls on lake plains	No	—
	The very stony Castalia	6	Reefs on lake plains,knolls on lake plains	—	—
	The very stony Marblehead	4	Reefs on lake plains,knolls on lake plains	—	—
	Dunbridge		Rises on monadnocks on ground moraines	—	—
	Stones or boulders on the surface or in the soil		—	—	—
	More clay in the subsoil		—	—	—

Hydric Soil List - All Components--OH147-Seneca County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Few scattered wet spots		—	—	—
	Slopes of 0 to 2 percent		—	—	—
	Darker colored surface layer		—	—	—
	Milton		Till plains	—	—
	Silt loam surface layer		—	—	—
Ru: Ross silt loam, occasionally flooded	Ross	90	Flood plains,terraces	No	—
	Shoals	5	Flood plains	—	—
	Digby	5	Outwash terraces,outwash plains	—	—
Rw: Rossburg silt loam, occasionally flooded	Rosburg	90	Flood plains,stream terraces	No	—
	Shoals	4	Flood plains	—	—
	Bedrock at 30 to 40 inches	3	—	—	—
	Very poorly drained soils	3	Abandoned channels on stream terraces,abandoned channels on flood plains	Yes	2,3
Sb: Sebring silt loam	Sebring	90	Depressions,drainage ways	Yes	2,3
	Pandora	10	Depressions,drainage ways	Yes	2,3
SdA: Seward loamy fine sand, 0 to 2 percent slopes	Seward	85	Beach ridges on lake plains,beach ridges on till plains,dunes on lake plains,dunes on till plains	No	—
	Rimer	4	Lake plains,till plains	—	—
	Haskins	4	Lake plains,till plains	—	—
	Blount	4	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	—	—
	Glynwood	3	Ground moraines,end moraines	—	—

Hydric Soil List - All Components--OH147-Seneca County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
SdB: Seward loamy fine sand, 2 to 6 percent slopes	Seward	85	Beach ridges on till plains, beach ridges on lake plains, dunes on till plains, dunes on lake plains	No	—
	Rimer	4	Lake plains, till plains	—	—
	Haskins	4	Lake plains, till plains	—	—
	Blount	4	Rises on ground moraines, rises on end moraines, flats on ground moraines, flats on end moraines	—	—
	Glynwood	3	Ground moraines, end moraines	—	—
SeB: Shawtown loam, 2 to 6 percent slopes	Shawtown	91-100	Knolls on beach ridges on lake plains	No	—
	Aurand	0-3	Beach ridges, flats on lake plains	—	—
	Well drained soils		—	—	—
	Sandy loam or fine sandy loam surface layer		—	—	—
	Till below 70 inches		—	—	—
	Slopes of 0 to 2 percent		—	—	—
	Slopes of 6 to 12 percent		—	—	—
	Till at 40 to 50 inches		—	—	—
	Less clay and more sand in the subsoil		—	—	—
Sg: 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	—
Sh: 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	—
SkA: Sloan silt loam, 0 to 1 percent slopes, frequently flooded	Sloan	90	Flats on flood plains, backswamps on flood plains	Yes	2
	Shoals	10	Rises on flood plains	No	—

Hydric Soil List - All Components--OH147-Seneca County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Thinner surface layer		Flats on flood plains,backswamps on flood plains	Yes	2
	Loam surface layer		Flats on flood plains,backswamps on flood plains	Yes	2
	Bedrock at 48 to 60 inches		Flats on flood plains,backswamps on flood plains	Yes	2
	Silty clay loam surface layer		Flats on flood plains,backswamps on flood plains	Yes	2
SoB: Spinks fine sand, 2 to 6 percent slopes	Spinks	85	Longshore bars (relict),beach ridges	No	—
	Granby	3	Depressions on longshore bars (relict),depressions on beach ridges,drainageways on longshore bars (relict),drainageways on beach ridges	Yes	2,3
	Dunbridge	3	Rises on monadnocks on ground moraines	—	—
	Belmore	3	Outwash terraces,beach ridges,outwash plains	—	—
	Seward	2	Beach ridges on lake plains,beach ridges on till plains,dunes on lake plains,dunes on till plains	—	—
	Slopes of more than 12 percent	2	—	—	—
	Tedrow	2	Beach ridges on lake plains,beach ridges on outwash plains,dunes on lake plains,dunes on outwash plains	—	—
SpB: Spinks loamy sand, 2 to 6 percent slopes	Spinks	90	Beach ridges,beach ridges,beach ridges,lake plains,moraines,out wash plains,dunes,dunes, dunes	No	—
	Gallman	4	Outwash terraces,moraines,k ames,outwash plains	—	—

Hydric Soil List - All Components--OH147-Seneca County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Haney	3	Outwash terraces,glacial drainage channels,outwash plains	—	—
	Seward	3	Beach ridges on lake plains,beach ridges on till plains,dunes on lake plains,dunes on till plains	—	—
TrA: Tiro silt loam, 0 to 2 percent slopes	Tiro	90	Till plains	No	—
	Pandora	4	Depressions,drainage ways	Yes	2,3
	Lenawee	3	Depressions,drainage ways	Yes	2,3
	Bennington	3	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	—	—
TrB: Tiro silt loam, 2 to 6 percent slopes	Tiro	85	Till plains	No	—
	Pandora	8	Depressions,drainage ways	Yes	2,3
	Bennington	7	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	—	—
Ua: Udorthents, loamy	Udorthents	90	—	Unranked	—
	poorly drained soils in excavated areas	10	Depressions	Yes	2,3
Ur: Urban land	Urban land	100	—	Unranked	—
W: Water	Water	100	—	Unranked	—

Data Source Information

Soil Survey Area: Seneca County, Ohio
 Survey Area Data: Version 13, Sep 19, 2014