

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--OH051-Fulton County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
Ad: 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
BcA: Bixler loamy fine sand, 0 to 3 percent slopes	Bixler	85	Knolls on outwash plains,ridges on deltas,ridges on beach ridges,ridges on outwash plains, knolls on deltas, knolls on beach ridges	No	—
	Ottokee	4	Beach ridges on lake plains,dunes on lake plains	—	—
	Tedrow	4	Beach ridges on lake plains,beach ridges on outwash plains,dunes on lake plains,dunes on outwash plains	—	—
	Colwood	4	Drainageways on outwash plains,drainageways on beach ridges,drainageways on deltas,depressions on outwash plains,depressions on beach ridges,depressions on deltas	Yes	2,3
	Lamson	3	Drainageways on deltas,depressions on outwash plains,depressions on deltas,depressions on beach ridges,drainageways on beach ridges,drainageways on outwash plains	Yes	2,3

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
BnA: Blount loam, 0 to 2 percent slopes	Blount	85	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	No	—
	Rimer	5	Lake plains,till plains	—	—
	Glynwood	5	Ground moraines,end moraines	—	—
	Pewamo	5	Drainageways on end moraines,drainage ways on ground moraines,depressions on end moraines,depressions on ground moraines	Yes	2,3
BnB: Blount loam, 2 to 6 percent slopes	Blount	85	Rises on end moraines,flats on ground moraines,flats on end moraines,rises on ground moraines	No	—
	Pewamo	5	Depressions on end moraines,drainage ways on ground moraines,drainage ways on end moraines,depressions on ground moraines	Yes	2,3
	Glynwood	5	End moraines,ground moraines	—	—
	Rimer	5	Lake plains,till plains	—	—
BoB: Blount-Rimer complex, 2 to 6 percent slopes	Blount	45-70	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	No	—
	Rimer	20-40	Lake plains,till plains	No	—
	Fulton	4	Lake plains	—	—
	Seward	4	Dunes on till plains,beach ridges on lake plains,beach ridges on till plains,dunes on lake plains	—	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Kibbie	4	Deltas,outwash plains,lake plains,ground moraines	—	—
	Tedrow	3	Beach ridges on outwash plains,dunes on lake plains,dunes on outwash plains,beach ridges on lake plains	—	—
BrB: Boyer loamy sand, 1 to 6 percent slopes	Boyer	85	Moraines,stream terraces,outwash plains	No	—
	Spinks	8	Beach ridges,moraines,out wash plains,dunes,dunes, dunes,lake plains,beach ridges,beach ridges	—	—
	Oshtemo	7	Terraces	—	—
ByA: Brady sandy loam, 0 to 3 percent slopes	Brady	85	Outwash plains,beach ridges,outwash terraces	No	—
	Gilford	4	Depressions on outwash plains,depressions on terraces,depressions on beach ridges,drainageways on outwash plains,drainageways on terraces,drainageways on beach ridges	Yes	2,3
	Millgrove	4	Depressions on terraces,depressions on outwash plains,drainageways on beach ridges,drainageways on terraces,drainageways on outwash plains,depressions on beach ridges	Yes	2,3
	Tedrow	4	Dunes on lake plains,dunes on outwash plains,beach ridges on lake plains,beach ridges on outwash plains	—	—

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	clayey textures below 35 inches	3	—	—	—
Ch: Cohoctah fine sandy loam, frequently flooded	Cohoctah	90	Flood plains	Yes	2,3,4
	Shoals	10	Flood plains	No	—
Cn: Colwood loam	Colwood	85	Flats on deltas, flats on outwash plains, depressions on outwash plains, depressions on deltas	Yes	2,3
	Lamson	4	Depressions on lake plains	Yes	2,3
	Kibbie	4	Deltas, lake plains, outwash plains, ground moraines	No	—
	Dixboro	4	Lake plains, outwash plains	No	—
	Lenawee	3	Depressions on deltas, flats on outwash plains, flats on deltas, depressions on outwash plains	Yes	2,3
CoB: Colonie fine sand, 1 to 6 percent slopes	Colonie	82-100	Beach ridges on lake plains, longshore bars (relict) on lake plains, dunes on lake plains	No	—
	Tedrow	0-18	Longshore bars (relict) on lake plains, beach ridges on lake plains, dunes on lake plains	No	—
	Granby	0-5	Depressions on longshore bars (relict) on lake plains, drainageways on longshore bars (relict) on lake plains, drainageways on beach ridges on lake plains, drainageways on dunes on lake plains, depressions on dunes on lake plains, depressions on beach ridges on lake plains	Yes	2,3

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CoC: Colonie fine sand, 6 to 12 percent slopes	Colonie	92-98	Dunes on lake plains, beach ridges on lake plains	No	—
	Ottokee	1-8	Dunes on lake plains, beach ridges on lake plains	No	—
	Granby	0-5	Depressions on longshore bars (relict) on lake plains, drainageways on beach ridges on lake plains, drainageways on longshore bars (relict) on lake plains, drainageways on dunes on lake plains, depressions on dunes on lake plains, depressions on beach ridges on lake plains	Yes	2,3
CoD: Colonie fine sand, 12 to 18 percent slopes	Colonie	82-96	Beach ridges on lake plains, dunes on lake plains	No	—
	Ottokee	4-18	Dunes on lake plains, beach ridges on lake plains	No	—
	Granby	0-5	Drainageways on longshore bars (relict) on lake plains, drainageways on beach ridges on lake plains, drainageways on dunes on lake plains, depressions on beach ridges on lake plains, depressions on dunes on lake plains, depressions on longshore bars (relict) on lake plains	Yes	2,3
DfA: Del Rey silt loam, 0 to 3 percent slopes	Del Rey	85	Till plains	No	—
	substratum of stratified silt and sand	5	—	—	—

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	Kibbie	5	Outwash plains,lake plains,ground moraines,deltas	—	—
	Lenawee	5	Drainageways on outwash plains,drainageways on deltas,depressions on outwash plains,depressions on deltas	Yes	2,3
DmA: Digby loam, 0 to 3 percent slopes	Digby	85	Outwash plains,outwash terraces	No	—
	Haskins	8	Lake plains,till plains	—	—
	Millgrove	7	Drainageways on outwash plains,depressions on beach ridges,depressions on terraces,depressions on outwash plains,drainageways on beach ridges,drainageways on terraces	Yes	2,3
DtA: Dixboro fine sandy loam, 0 to 3 percent slopes	Dixboro	85	Outwash plains,lake plains	No	—
	Bixler	5	Rises on outwash plains,beach ridges on lake plains,beach ridges on outwash plains,rises on lake plains	—	—
	Lamson	5	Depressions on outwash plains,depressions on deltas,drainageways on outwash plains,drainageways on deltas	Yes	2,3
	Colwood	5	Drainageways on outwash plains,depressions on deltas,depressions on outwash plains,drainageways on deltas	Yes	2,3
Ee: Eel silt loam, frequently flooded	Eel	90	Flood plains	No	—
	Shoals	4	Flood plains	—	—

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	well drained soils	3	—	—	—
	Sloan	3	Drainageways on flood plains, depressions on flood plains	Yes	2
FtA: Fulton silty clay loam, 0 to 2 percent slopes	Fulton	85	Lake plains	No	—
	Latty	5	Drainageways on lake plains, depressions on lake plains	Yes	2,3
	Haskins	5	Lake plains, till plains	—	—
	more sloping areas	5	—	—	—
FtB: Fulton silty clay loam, 2 to 6 percent slopes	Fulton	85	Lake plains	No	—
	Kibbie	4	Outwash plains, ground moraines, deltas, lake plains	—	—
	Del Rey	4	Till plains	—	—
	Latty	4	Depressions on lake plains, drainageways on lake plains	Yes	2,3
	less sloping areas	3	—	—	—
GaB: Galen loamy fine sand, 1 to 6 percent slopes	Galen	85	Knolls on moraines, knolls on dunes, knolls on beach ridges, ridges on moraines, ridges on dunes, ridges on beach ridges	No	—
	Granby	5	Depressions on dunes, depressions on beach ridges, drainageways on moraines, drainage ways on dunes, drainageways on beach ridges, depressions on moraines	Yes	2,3

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	Tedrow	5	Dunes on outwash plains, beach ridges on lake plains, beach ridges on outwash plains, dunes on lake plains	—	—
	Gilford	5	Depressions on beach ridges, depressions on dunes, depressions on moraines, drainage ways on beach ridges, drainageways on dunes, drainageways on moraines	Yes	2,3
Gf: Gilford fine sandy loam	Gilford	85	Flats on outwash plains, flats on deltas, flats on beach ridges	Yes	2,3
	Tedrow	5	Beach ridges on lake plains, beach ridges on outwash plains, dunes on lake plains, dunes on outwash plains	No	—
	Millgrove	5	Outwash terraces, outwash plains	Yes	2,3
	Granby	5	Lake plains, glacial drainage channels, outwash plains	Yes	2,3
GnB2: Glynwood loam, 2 to 6 percent slopes, eroded	Glynwood	80-90	End moraines on till plains, ground moraines on till plains	No	—
	Rawson	0-12	End moraines on till plains, ground moraines on till plains	No	—
	Blount	0-9	End moraines on till plains, ground moraines on till plains	No	—
	Pewamo	0-7	End moraines on till plains, ground moraines on till plains	Yes	2
GnC2: Glynwood loam, 6 to 12 percent slopes, eroded	Glynwood	85	Ground moraines, end moraines	No	—
	severely eroded soils	4	—	—	—

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	more sloping areas	4	—	—	—
	less sloping areas	4	—	—	—
	Pewamo	3	Drainageways on moraines, drainage ways on till plains	Yes	2,3
GnD2: Glynwood loam, 12 to 18 percent slopes, eroded	Glynwood	85	End moraines, ground moraines	No	—
	less sloping areas	4	—	—	—
	severely eroded soils	4	—	—	—
	more sloping areas	4	—	—	—
	Blount	3	Flats on end moraines, rises on ground moraines, rises on end moraines, flats on ground moraines	—	—
GoC3: Glynwood clay loam, 6 to 12 percent slopes, severely eroded	Glynwood	85	Ground moraines, end moraines	No	—
	less sloping areas	5	—	—	—
	slightly eroded soils	5	—	—	—
	more sloping areas	5	—	—	—
Gr: Granby loamy fine sand	Granby	85	Depressions on lake plains, depressions on outwash plains, flats on outwash plains, flats on lake plains	Yes	2,3
	Tedrow	8	Beach ridges on lake plains, beach ridges on outwash plains, dunes on lake plains, dunes on outwash plains	No	—
	Gilford	7	Depressions on outwash plains, depressions on outwash terraces	Yes	2,3
HkA: Haskins loam, 0 to 3 percent slopes	Haskins	85	Till plains, lake plains	No	—
	Nappanee	5	Lake plains	—	—

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	Digby	5	Outwash terraces,outwash plains	—	—
	Mermill	5	Drainageways on terraces,drainageways on outwash plains,depressions on beach ridges,depressions on terraces,depressions on outwash plains,drainageways on beach ridges	Yes	2,3
HoA: Hoytville clay loam, 0 to 1 percent slopes	Hoytville	85-98	Flats,drainageways,depressions	Yes	2
	Nappanee	2-15	Rises on lake plains	No	—
	Houcktown	0-2	Beach ridges on lake plains,flats on lake plains,rises on lake plains	No	—
KfA: Kibbie loam, 0 to 3 percent slopes	Kibbie	85	Ground moraines,deltas,lake plains,outwash plains	No	—
	Colwood	5	Depressions on deltas,depressions on outwash plains,drainageways on deltas,drainageways on outwash plains	Yes	2,3
	Bixler	5	Rises on outwash plains,beach ridges on lake plains,beach ridges on outwash plains,rises on lake plains	—	—
	Lenawee	5	Depressions on outwash plains,depressions on deltas,drainageways on outwash plains,drainageways on deltas	Yes	2,3
La: Lamson fine sandy loam	Lamson	85	Flats on lake plains,depressions on lake plains	Yes	2,3
	Kibbie	4	Outwash plains,ground moraines,deltas,lake plains	No	—

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	Colwood	4	Deltas,outwash plains,moraines	Yes	2,3
	Bixler	4	Rises on lake plains,rises on outwash plains,beach ridges on lake plains,beach ridges on outwash plains	No	—
	Granby	3	Glacial drainage channels,outwash plains,lake plains	Yes	2,3
Lc: Latty silty clay	Latty	85	Flats on lake plains,depressions on lake plains	Yes	2,3
	Lenawee	4	Lake plains,glacial drainage channels,moraines, outwash plains	Yes	2,3
	Haskins	4	Lake plains,till plains	No	—
	Nappanee	4	Lake plains	No	—
	Colwood	3	Deltas,outwash plains,moraines	Yes	2,3
Lf: Lenawee silty clay loam	Lenawee	85	Flats on lake plains,depressions on lake plains	Yes	2,3
	Colwood	4	Deltas,outwash plains,moraines	Yes	2,3
	Kibbie	4	Outwash plains,ground moraines,deltas,lake plains	No	—
	Del Rey	4	Till plains	No	—
	Latty	3	Lake plains	Yes	2,3
Mf: Mermill loam	Mermill	85	Flats on terraces,drainageways on outwash plains,flats on outwash plains,drainageways on beach ridges,flats on beach ridges,drainageways on terraces	Yes	2,3
	Haskins	8	Lake plains,till plains	No	—
	Millgrove	7	Outwash plains,outwash terraces	Yes	2,3

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Mo: Millgrove loam	Millgrove	85	Flats on terraces, drainageways on terraces, flats on beach ridges, drainageways on beach ridges, flats on outwash plains, drainageways on outwash plains	Yes	2,3
	Brady	5	Beach ridges, outwash plains, outwash terraces	No	—
	Merrill	5	Lake plains, till plains	Yes	2,3
	Digby	5	Outwash plains, outwash terraces	No	—
NnA: Nappanee loam, 0 to 2 percent slopes	Nappanee	85	Lake plains	No	—
	Hoytville	5	Depressions on lake plains, drainageways on lake plains	Yes	2,3
	surface layer of clay loam to silty clay	5	—	—	—
	Haskins	5	Till plains, lake plains	—	—
NnB: Nappanee loam, 2 to 6 percent slopes	Nappanee	85	Lake plains	No	—
	Haskins	8	Lake plains, till plains	—	—
	surface layer of clay loam to silty clay	7	—	—	—
OaB: Oakville fine sand, 0 to 6 percent slopes	Oakville	85	Beach ridges on moraines, dunes on outwash plains, dunes on lake plains, dunes on moraines, beach ridges on outwash plains, beach ridges on lake plains	No	—
	Tedrow	5	Dunes on lake plains, dunes on outwash plains, beach ridges on lake plains, beach ridges on outwash plains	—	—

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	Ottokee	5	Dunes on lake plains, beach ridges on lake plains	—	—
	Granby	5	Drainageways on dunes, drainageways on beach ridges, depressions on moraines, depressions on dunes, depressions on beach ridges, drainageways on moraines	Yes	2,3
OaC: Oakville fine sand, 6 to 12 percent slopes	Oakville	85	Beach ridges, dunes	No	—
	Ottokee	5	Beach ridges on lake plains, dunes on lake plains	—	—
	Spinks	5	Dunes, dunes, dunes, lake plains, beach ridges, beach ridges, beach ridges, moraines, outwash plains	—	—
	Tedrow	5	Beach ridges on lake plains, beach ridges on outwash plains, dunes on lake plains, dunes on outwash plains	—	—
OrB: Oshtemo loamy sand, 0 to 6 percent slopes	Oshtemo	85	Terraces	No	—
	Spinks	8	Dunes, dunes, dunes, lake plains, moraines, outwash plains, beach ridges, beach ridges, beach ridges	—	—
	Boyer	7	Moraines, stream terraces, outwash plains	—	—

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OtB: Ottokee fine sand, 0 to 6 percent slopes	Ottokee	85	Ridges on lake plains,ridges on beach ridges, knolls on moraines, knolls on lake plains, knolls on beach ridges, ridges on moraines	No	—
	Gilford	5	Depressions on dunes, depressions on moraines, drainage ways on beach ridges, drainageways on dunes, drainageways on moraines, depressions on beach ridges	Yes	2,3
	Granby	5	Drainageways on beach ridges, depressions on moraines, depressions on dunes, depressions on beach ridges, drainageways on moraines, drainage ways on dunes	Yes	2,3
	Tedrow	5	Beach ridges on lake plains, beach ridges on outwash plains, dunes on lake plains, dunes on outwash plains	—	—
OuB: Ottokee-Glynwood complex, 3 to 8 percent slopes	Ottokee	55-70	Beach ridges on lake plains, dunes on lake plains	No	—
	Glynwood	20-40	Ground moraines, end moraines	No	—
	Fulton	4	Lake plains	—	—
	Tuscola	3	Lake plains, deltas	—	—
	Seward	3	Dunes on lake plains, dunes on till plains, beach ridges on lake plains, beach ridges on till plains	—	—

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PeB: Perrin sandy loam, 2 to 6 percent slopes	Perrin	85	Ground moraines, outwash plains, valley trains	No	—
	Millgrove	5	Drainageways on outwash plains, depressions on beach ridges, depressions on terraces, depressions on outwash plains, drainageways on beach ridges, drainageways on terraces	Yes	2,3
	Rawson	5	Outwash plains, till plains, lake plains	—	—
	Digby	5	Outwash terraces, outwash plains	—	—
Pm: Pewamo clay loam	Pewamo	90	Flats on till plains, drainageways on moraines, flats on moraines, drainageways on till plains	Yes	2,3
	Blount	4	Flats on ground moraines, flats on end moraines, rises on ground moraines, rises on end moraines	No	—
	Haskins	3	Till plains, lake plains	No	—
	Mermill	3	Till plains, lake plains	Yes	2,3
Ps: Psammaquents, nearly level	Psammaquents	85	—	No	—
	disturbed areas on partial ridges	5	—	—	—
	Tedrow	5	Dunes on lake plains, dunes on outwash plains, beach ridges on lake plains, beach ridges on outwash plains	—	—
	Granby	5	Depressions on beach ridges	Yes	2,3

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RbB: Rawson sandy loam, 2 to 6 percent slopes	Rawson	85	Lake plains,till plains,outwash plains	No	—
	Mermill	8	Drainageways on outwash plains,drainageways on beach ridges,depressions on outwash plains,depressions on beach ridges	Yes	2,3
	Haskins	7	Till plains,lake plains	—	—
RnA: Rimer loamy fine sand, 0 to 3 percent slopes	Rimer	85	Ridges on deltas,ridges on beach ridges,knolls on outwash plains,knolls on deltas,knolls on beach ridges,ridges on outwash plains	No	—
	Blount	3	Rises on end moraines,flats on ground moraines,flats on end moraines,rises on ground moraines	—	—
	Ottokee	2	Beach ridges on lake plains,dunes on lake plains	—	—
	Seward	2	Beach ridges on lake plains,beach ridges on till plains,dunes on lake plains,dunes on till plains	—	—
	Haskins	2	Till plains,lake plains	—	—
	Mermill	2	Depressions on outwash plains,depressions on deltas,depressions on beach ridges	Yes	2,3
	Tedrow	2	Beach ridges on lake plains,beach ridges on outwash plains,dunes on lake plains,dunes on outwash plains	—	—
	Nappanee	2	Lake plains	—	—

Hydric Soil List - All Components--OH051-Fulton 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	Dunes on lake plains,dunes on till plains,beach ridges on lake plains,beach ridges on till plains	No	—
	Wauseon	4	Depressions on deltas,depressions on outwash plains,depressions on beach ridges	Yes	2,3
	Rimer	4	Lake plains,till plains	—	—
	slopes of more than 6 percent	4	—	—	—
	Ottokee	3	Beach ridges on lake plains,dunes on lake plains	—	—
SdC: Seward loamy fine sand, 6 to 12 percent slopes	Seward	85	Beach ridges on lake plains,beach ridges on till plains,dunes on lake plains,dunes on till plains	No	—
	slopes of less than 6 percent	4	—	—	—
	Rimer	4	Till plains,lake plains	—	—
	slopes of more than 12 percent	4	—	—	—
	Wauseon	3	Depressions on beach ridges,depressions on outwash plains,depressions on deltas	Yes	2,3
SfB2: Shinrock silty clay loam, 2 to 6 percent slopes, eroded	Shinrock	85	Terraces	No	—
	Fulton	5	Lake plains	—	—
	severely eroded soils	5	—	—	—
	Latty	5	Drainageways on lake plains	Yes	2,3
SfC2: Shinrock silty clay loam, 6 to 12 percent slopes, eroded	Shinrock	85	Terraces	No	—
	slopes of more than 12 percent	5	—	—	—
	severely eroded soils	5	—	—	—
	Fulton	5	Lake plains	—	—
SgB2: Shinrock-Tuscola complex, 3 to 8 percent slopes, eroded	Shinrock	40-60	Terraces	No	—
	Tuscola	20-40	Lake plains,deltas	No	—

Hydric Soil List - All Components--OH051-Fulton County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Fulton	4	Lake plains	—	—
	Kibbie	4	Outwash plains,lake plains,ground moraines,deltas	—	—
	Galen	4	Beach ridges on lake plains,beach ridges on moraines,dunes on lake plains,dunes on moraines	—	—
	Seward	3	Beach ridges on till plains,dunes on lake plains,dunes on till plains,beach ridges on lake plains	—	—
Sh: Shoals silt loam, frequently flooded	Shoals	85	Flood plains	No	—
	Sloan	8	Drainageways on flood plains,depressions on flood plains	Yes	2
	Eel	7	Flood plains,flood-plain steps	—	—
So: Sloan silty clay loam, frequently flooded	Sloan	85	Backswamps on flood plains,drainageways on flood plains,flats on flood plains	Yes	2
	Shoals	8	Flood plains	No	—
	Eel	7	Flood-plain steps,flood plains	No	—
SpB: Spinks fine sand, 1 to 6 percent slopes	Spinks	85	Beach ridges,dunes,lake plains,moraines,out wash plains,beach ridges,beach ridges,dunes,dunes	No	—
	Ottokee	5	Dunes on lake plains,beach ridges on lake plains	—	—

Hydric Soil List - All Components--OH051-Fulton County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Granby	5	Drainageways on moraines, drainage ways on outwash plains, drainageways on beach ridges, depressions on moraines, depressions on outwash plains, depressions on beach ridges	Yes	2,3
	Tedrow	5	Beach ridges on lake plains, beach ridges on outwash plains, dunes on lake plains, dunes on outwash plains	—	—
SpC: Spinks fine sand, 6 to 12 percent slopes	Spinks	85	Dunes, dunes, dunes, lake plains, beach ridges, beach ridges, beach ridges, moraines, outwash plains	No	—
	Ottokee	5	Dunes on lake plains, beach ridges on lake plains	—	—
	Granby	5	Depressions on outwash plains, depressions on moraines, drainage ways on beach ridges, drainageways on outwash plains, drainageways on moraines, depressions on beach ridges	Yes	2,3
	Tedrow	5	Dunes on lake plains, dunes on outwash plains, beach ridges on lake plains, beach ridges on outwash plains	—	—
TdA: Tedrow loamy fine sand, 0 to 3 percent slopes	Tedrow	85	Dunes on lake plains, dunes on outwash plains, beach ridges on lake plains, beach ridges on outwash plains	No	—
	Ottokee	8	Beach ridges on lake plains, dunes on lake plains	—	—

Hydric Soil List - All Components--OH051-Fulton County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Granby	7	Drainageways on beach ridges,drainageways on outwash plains,depressions on beach ridges,depressions on outwash plains	Yes	2,3
TsA: Toussaint silty clay loam, 0 to 1 percent slopes	Toussaint	90-100	Depressions on lake plains	Yes	2
	Aurand	0-10	Rises on lake plains	No	—
TuB: Tuscola fine sandy loam, 3 to 8 percent slopes	Tuscola	85	Lake plains,deltas	No	—
	Galen	5	Dunes on lake plains,dunes on moraines,beach ridges on lake plains,beach ridges on moraines	—	—
	Kibbie	5	Outwash plains,lake plains,ground moraines,deltas	—	—
	Shinrock	5	Disintegration moraines,lake plains	—	—
Uo: Udorthents, loamy	Udorthents	100	—	No	—
W: Water	Water	100	—	Unranked	—
Wf: Wauseon fine sandy loam	Wauseon	85	Flats on deltas,flats on beach ridges,flats on outwash plains,depressions on deltas,depressions on beach ridges,depressions on outwash plains	Yes	2,3
	Gilford	5	Depressions on outwash plains,depressions on outwash terraces	Yes	2,3
	Tedrow	5	Dunes on lake plains,dunes on outwash plains,beach ridges on lake plains,beach ridges on outwash plains	No	—
	Mermill	5	Lake plains,till plains	Yes	2,3

Hydric Soil List - All Components--OH051-Fulton County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
Zie5A: Ziegenfuss clay loam, 0 to 1 percent slopes	Ziegenfuss	60-100	Flats on wave-worked till plains, drainageways on wave-worked till plains	Yes	2,3
	Blount	0-30	Knolls on wave-worked till plains	No	—
	Houcktown	0-10	Knolls on wave-worked till plains	No	—

Data Source Information

Soil Survey Area: Fulton County, Ohio
 Survey Area Data: Version 13, Sep 18, 2014