

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 Folists.
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—OH043-Erie County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
AaA: Adrian muck, 0 to 1 percent slopes	Adrian	89-98	Depressions on drainageways	Yes	1,3
	Granby	2-7	Depressions on drainageways	Yes	2,3
	Edwards	0-2	Depressions on drainageways	Yes	1,3
	Houghton	0-2	Depressions on drainageways	Yes	1,3
AeA: Algiers silt loam, 0 to 2 percent slopes	Algiers	90	Flood plains,terraces	No	—
	Very poorly drained soils	10	Depressions on lake plains	Yes	2
	Moderately well drained		—	—	—
	More sand and less clay throughout		—	—	—
	More than 36 inches of alluvium		—	—	—
AgF: Alexandria silt loam, 25 to 50 percent slopes	Alexandria	85	Till plains,moraines	No	—
	Chili	5	Terraces	No	—
	soils underlain by shale or sandstone	5	—	No	—
	moderately steep areas	5	—	No	—
Aka: Allis clay loam, 0 to 2 percent slopes	Allis	90	Rises on ground moraines,rises on lake plains,flats on lake plains,flats on ground moraines	Yes	2
	Somewhat poorly drained Bennington soils on slight rises	5	—	No	—
	Condit	5	Flats on ground moraines,depressions on ground moraines,drainage ways on ground moraines	Yes	2
	Less clay in the subsoil		—	—	—
	Bedrock at 10 to 20 inches		—	—	—
	Somewhat poorly drained		—	—	—

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AmD2: Amanda loam, 12 to 18 percent slopes, eroded	Amanda	90	Ground moraines,end moraines	No	—
	Bennington soils near the base of slopes	10	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	No	—
	Lacustrine sediments in the substratum		—	—	—
	Moderately well drained		—	—	—
	More clay in the subsoil		—	—	—
AnG: 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	—
	More clay in the substratum		—	—	—
	Outcroppings of shale		—	—	—
	70 to 80 percent slopes		—	—	—
	Less rock fragments in the subsoil		—	—	—
	Stratified lacustrine sediments in the substratum		—	—	—
	Silt loam surface layer		—	—	—
Bc: Beaches	Beaches	90	—	Unranked	—
	Erosion control structures constructed along the lake margin	10	—	No	—
BdB: Belmore loam, 2 to 6 percent slopes	Belmore	95	Beach ridges,stream terraces	No	—
	Milton soils at the edge of units	5	Till plains	No	—
	Moderately well drained soils		—	—	—
	Bedrock at 60 to 80 inches		—	—	—

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	Less rock fragments in the subsoil and substratum		—	—	—
BeA: Bennington loam, 0 to 2 percent slopes	Bennington	90	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	No	—
	Condit	10	Depressions on ground moraines,depressions on lake plains	Yes	2
	Silt loam surface layer		—	—	—
	Bedrock at 40 to 80 inches		—	—	—
	Less clay in the subsoil		—	—	—
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	—
	Condit	10	Depressions on lake plains,depressions on ground moraines	Yes	2
	Loam surface layer		—	—	—
	Bedrock at 40 to 80 inches		—	—	—
	Less clay in the subsoil		—	—	—
	Moderately well drained soils		—	—	—
BgB: Bennington silt loam, 2 to 6 percent slopes	Bennington	90	Flats on end moraines,rises on ground moraines,rises on end moraines,flats on ground moraines	No	—
	Condit	10	Depressions on ground moraines,depressions on lake plains	Yes	2
	Moderately well drained soils		—	—	—
	Less clay in the subsoil		—	—	—
	Bedrock at 40 to 80 inches		—	—	—
	Loam surface layer		—	—	—

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BkA: Bixler loamy fine sand, 0 to 2 percent slopes	Bixler	90	Rises on lake plains,rises on outwash plains,rises on beach ridges	No	—
	Gilford	10	Depressions on lake plains	Yes	2
	Unweathered till at 60 to 80 inches		—	—	—
	Sandy layers less than 20 inches thick		—	—	—
	Sandy loam or fine sandy loam surface layer		—	—	—
BkB: Bixler loamy fine sand, 2 to 6 percent slopes	Bixler	95	Rises on lake plains,rises on outwash plains,beach ridges on lake plains,beach ridges on outwash plains	No	—
	Tuscola soils intermixed throughout the units	5	Deltas,lake plains	No	—
	Unweathered till at 60 to 80 inches		—	—	—
	Moderately well drained soils		—	—	—
	More clay in the substratum		—	—	—
BvG: Brecksville silt loam, 40 to 70 percent slopes	Brecksville	85	Hills	No	—
	Bedrock at 10 to 20 inches on benches and near rock outcrops	5	—	No	—
	Zurich soils at the base of slopes	5	Lake plains,ground moraines	No	—
	Shale outcrops on shoulders	5	—	No	—
	Underlain with sandstone bedrock at 20 to 40 inches		—	—	—
	Channery silty clay loam surface layer		—	—	—
CaA: Cardington silt loam, 0 to 2 percent slopes	Cardington	100	End moraines,ground moraines	No	—
	Well drained soils		—	—	—

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	Somewhat poorly drained soils		—	—	—
	Loam surface layer		—	—	—
	Bedrock at 40 to 80 inches		—	—	—
CaB: Cardington silt loam, 2 to 6 percent slopes	Cardington	90	Ground moraines,end moraines	No	—
	Condit	10	Drainageways on lake plains,drainageways on ground moraines,depressions on ground moraines,depressions on lake plains	Yes	2
	Well drained soils		—	—	—
	Less clay in the subsoil		—	—	—
	Somewhat poorly drained soils		—	—	—
CbC2: Cardington silty clay loam, 6 to 12 percent slopes, eroded	Cardington	90	End moraines,ground moraines	No	—
	Condit	10	Depressions on ground moraines,depressions on lake plains,drainageways on ground moraines,drainageways on lake plains	Yes	2
	Somewhat poorly drained soils		—	—	—
	Well drained soils		—	—	—
	Lacustrine sediments in the substratum		—	—	—
CcA: Castalia very channery loam, 0 to 2 percent slopes	Castalia	85	Reefs on lake plains	No	—
	Marblehead soils intermixed throughout the unit	10	Reefs on lake plains	No	—
	Joliet	5	Depressions on reefs on lake plains	Yes	2
	Bedrock at 10 to 20 inches		—	—	—
	Less rock fragments on the surface		—	—	—

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CcB: 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		—	—	—
CcD: Castalia very channery loam, 12 to 18 percent slopes	Castalia	85	Reefs on lake plains	No	—
	Marblehead soils near small rock outcrops	10	Reefs on lake plains	No	—
	Rock outcrops intermixed throughout the units	5	—	No	—
	Bedrock at 10 to 20 inches		—	—	—
	Bedrock at 40 to 60 inches		—	—	—
	Lighter colored surface layer		—	—	—
ChB: Chili loam, loamy substratum, 2 to 6 percent slopes	Chili	85	Terraces	No	—
	Jimtown soils near the base of slopes	10	Terraces	No	—
	Rawson soils at the edges of units	5	Lake plains, outwash plains, till plains	No	—
	Less clay in the subsoil		—	—	—
	More rock fragments on the surface		—	—	—
	Moderately well drained soils		—	—	—
CmA: Colwood loam, 0 to 1 percent slopes	Colwood	90	Depressions on lake plains, drainageways on lake plains, flats on lake plains	Yes	2
	Kibbie soils on slight rises	10	Deltas, lake plains, outwash plains, ground moraines	No	—

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	Less clay in the subsoil		Depressions on lake plains, flats on lake plains, drainageways on lake plains	Yes	2
	More clay in the substratum		Flats on lake plains, drainageways on lake plains, depressions on lake plains	Yes	2
	More than 15 percent rock fragments in the substratum		Flats on lake plains, drainageways on lake plains, depressions on lake plains	Yes	2
CnA: Colwood silt loam, bedrock substratum, 0 to 1 percent slopes	Colwood	80	Flats on lake plains, depressions on lake plains	Yes	2
	Hornell soils on rises	10	Till plains	No	—
	Fries	10	Drainageways on lake plains, flats on lake plains, depressions on lake plains	Yes	2
	Bedrock at 60 to 80 inches		Depressions on lake plains, flats on lake plains	Yes	2
	More clay in the subsoil		Flats on lake plains, depressions on lake plains	Yes	2
	Less clay in the subsoil		Depressions on lake plains, flats on lake plains	Yes	2
CoA: Condit silt loam, 0 to 1 percent slopes	Condit	85-95	End moraines, ground moraines	Yes	2
	Bennington	0-9	Ground moraines, end moraines	No	—
	Pewamo	0-9	Ground moraines, end moraines	Yes	2,3
	Condit-Fine-loamy	0-9	Ground moraines, end moraines	Yes	2
CtB: Conotton loam, 2 to 6 percent slopes	Conotton	90	Terraces	No	—
	Rawson soils at the edge of units	5	Till plains, outwash plains, lake plains	No	—
	Jimtown soils near the base of slopes	5	Terraces	No	—
	More rock fragments in the surface layer		—	—	—

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	Bedrock at 40 to 80 inches		—	—	—
	Less rock fragments in the subsoil		—	—	—
CuC: Conotton gravelly loam, 6 to 12 percent slopes	Conotton	90	Terraces	No	—
	Jimtown soils near the base of slopes	5	Terraces	No	—
	Rawson soils at the edges of units	5	Outwash plains,till plains,lake plains	No	—
	Bedrock at 40 to 80 inches		—	—	—
	Less rock fragments in the subsoil		—	—	—
DbB: Dekalb channery loam, 2 to 6 percent slopes	Dekalb	90	Hills	No	—
	Mitiwanga soils near the base of slopes	5	Till plains	No	—
	Soils with bedrock at 10 to 20 inches intermixed throughout	5	—	No	—
	Underlain with shale bedrock at 20 to 40 inches		—	—	—
	Less rock fragments in the subsoil		—	—	—
	More rock fragments in the surface layer		—	—	—
	Bedrock at 40 to 60 inches		—	—	—
DbD: Dekalb channery loam, 12 to 18 percent slopes	Dekalb	85	Hills	No	—
	Mitiwanga soils near the base of slopes	10	Till plains	No	—
	Bedrock at 10 to 20 inches intermixed throughout the unit	5	—	No	—
	Less rock fragments in the subsoil		—	—	—
	More rock fragments in the surface layer		—	—	—
	Bedrock at 40 to 60 inches		—	—	—

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DeA: Del Rey silt loam, 0 to 2 percent slopes	Del Rey	90	Till plains	No	—
	Milford	10	Depressions on lake plains	Yes	2
	Moderately well drained soils		—	—	—
	Unweathered till at 60 to 80 inches		—	—	—
	Less clay in the subsoil		—	—	—
DuA: Dunbridge loamy sand, 0 to 2 percent slopes	Dunbridge	90	Rises on monadnocks on ground moraines	No	—
	Rawson soils intermixed throughout the units	4	Outwash plains,till plains,lake plains	No	—
	Oakville soils in higher positions	3	Dunes on outwash plains,dunes on lake plains,dunes on moraines,beach ridges on outwash plains,beach ridges on lake plains,beach ridges on moraines	No	—
	Ritchey soils intermixed throughout the units	3	Till plains	No	—
	Less clay in the subsoil		—	—	—
	Bedrock at 40 to 60 inches		—	—	—
DuB: Dunbridge loamy sand, 2 to 6 percent slopes	Dunbridge	90	Rises on monadnocks on ground moraines	No	—
	Rawson soils intermixed throughout the units	4	Outwash plains,till plains,lake plains	No	—
	Ritchey soils intermixed throughout the units	3	Till plains	No	—
	Oakville soils on higher positions	3	Dunes on outwash plains,dunes on lake plains,dunes on moraines,beach ridges on outwash plains,beach ridges on lake plains,beach ridges on moraines	No	—
	Bedrock at 40 to 60 inches		—	—	—
	Less clay in the subsoil		—	—	—

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EcA: Elliott silt loam, bedrock substratum, 0 to 2 percent slopes	Elliott	85	Till plains	No	—
	Pewamo	10	Depressions on lake plains	Yes	2
	Soils with bedrock at 20 to 40 inches throughout the units	5	—	No	—
	Bedrock at 40 to 60 inches		—	—	—
	Lighter colored surface layer		—	—	—
	Less clay in the subsoil		—	—	—
EdB: Ellsworth silt loam, 2 to 6 percent slopes	Ellsworth	85	Till plains	No	—
	Mahoning	10	Till plains	No	—
	Trumbull	5	Till plains	Yes	2
EdC2: Ellsworth silt loam, 6 to 12 percent slopes, eroded	Ellsworth-Eroded	90	Till plains	No	—
	Mahoning-Eroded	10	Till plains	No	—
EnA: Elnora loamy fine sand, 0 to 4 percent slopes	Elnora	95	Beach ridges, longshore bars (relict)	No	—
	Plumbrook soils in slight depressions	5	Lake plains	No	—
	Fine sandy loam surface layer		—	—	—
	Well drained soils		—	—	—
	More clay in the substratum		—	—	—
	Somewhat poorly drained soils		—	—	—
EoA: Elnora loamy fine sand, bedrock substratum, 0 to 4 percent slopes	Elnora	85	Beach ridges, longshore bars (relict)	No	—
	Plumbrook soils in flatter positions	10	Lake plains	No	—
	Hornell soils in lower positions	5	Till plains	No	—
	More clay in the substratum		—	—	—
	Bedrock at 60 to 80 inches		—	—	—
	Somewhat poorly drained soils		—	—	—

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	Darker colored surface layer		—	—	—
EsA: Endoaquents, loamy, 0 to 1 percent slopes	Endoaquents	90	Lake plains	Yes	2,3
	Bodies of water less than 2 acres in size	10	—	No	—
	Slightly higher areas not subject to ponding		Lake plains	Yes	2
FnA: Fluvaquents, silty, 0 to 1 percent slopes, frequently flooded	Fluvaquents	95	Flats on flood plains	Yes	2,3,4
	Better drained soils on slight rises not frequently flooded	5	—	No	—
FoB: Fox loam, 2 to 6 percent slopes	Fox	90	Terraces	No	—
	Castalia soils at the edge of units	10	Reefs on lake plains	No	—
	less clay in the subsoil		—	—	—
	Sand and gravel at less than 24 inches		—	—	—
	Darker colored surface layer		—	—	—
	More rock fragments in the surface layer		—	—	—
FrA: Fries silty clay loam, 0 to 1 percent slopes	Fries	85	Depressions on lake plains, drainageways on lake plains, flats on lake plains	Yes	2
	Hornell soils on rises	10	Till plains	No	—
	Pewamo	5	Depressions on lake plains	Yes	2
	Lighter colored surface layer		Flats on lake plains, drainageways on lake plains, 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
FuA: Fulton silty clay loam, 0 to 2 percent slopes	Fulton	95	Lake plains	No	—
	Toledo	5	Depressions on lake plains	Yes	2

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	Less clay in the subsoil		—	—	—
	Less clay in the substratum		—	—	—
	Moderately well drained soils		—	—	—
GdA: Gilford fine sandy loam, 0 to 1 percent slopes	Gilford	90	Drainageways on lake plains, flats on lake plains, depressions on lake plains	Yes	2
	Plumbrook soils on slightly higher areas	10	Lake plains	No	—
	More clay in the subsoil		Depressions on lake plains, flats on lake plains, drainageways on lake plains	Yes	2
	More silt in the substratum		Flats on lake plains, drainageways on lake plains, depressions on lake plains	Yes	2
	Loamy fine sand surface layer		Depressions on lake plains, flats on lake plains, drainageways on lake 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
HdA: Harrod silt loam, 0 to 1 percent slopes, frequently flooded	Harrod	90	Flood plains	No	—
	Very poorly drained soils	10	Depressions on flood plains	Yes	2
	Well drained soils		—	—	—
	Bedrock at 40 to 60 inches		—	—	—
	Lighter colored surface layer		—	—	—
	More clay in the subsoil		—	—	—
	Somewhat poorly drained soils		—	—	—

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HkA: Haskins loam, 0 to 2 percent slopes	Haskins	85	Lake plains,till 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
	Sandy loam or fine sandy loam surface layer		—	—	—
	Till or lacustrine sediments between 40 and 60 inches		—	—	—
	Moderately well drained soils		—	—	—
	Darker colored surface layer		—	—	—
	More clay or sand in the subsoil		—	—	—
HoA: Holly silt loam, 0 to 1 percent slopes, occasionally flooded	Holly	90	Abandoned channels on flood plains,depressions on flood plains,flats on flood plains	Yes	2
	Orrville soils on slight rises	8	Flood plains	No	—
	Undrained areas	2	Depressions on flood plains	Yes	2
	Darker colored surface layer		Flats on flood plains,depressions on flood plains,abandoned channels on flood plains	Yes	2
	Till at 60 to 80 inches		Flats on flood plains,depressions on flood plains,abandoned channels on flood plains	Yes	2
HpB: Hornell loam, 2 to 6 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	—
	Less clay in the subsoil		—	—	—

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	More rock fragments in the subsoil		—	—	—
	Bedrock at 40 to 60 inches		—	—	—
HrB: Hornell silt loam, 2 to 6 percent slopes	Hornell	90	Till plains	No	—
	Fries	5	Depressions on lake plains	Yes	2
	Bedrock at 10 to 20 inches intermixed throughout the units	5	—	No	—
	Moderately well drained soils		—	—	—
	Bedrock at 40 to 60 inches		—	—	—
	More rock fragments in the subsoil		—	—	—
HsA: 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	—
	Less clay in the subsoil		—	—	—
	Bedrock at 40 to 60 inches		—	—	—
	More rock fragments in the subsoil		—	—	—
JtA: Jimtown loam, 0 to 2 percent slopes	Jimtown	85	Terraces	No	—
	Millgrove	10	Drainageways on stream terraces, drainageways on lake plains, drainageways on beach ridges, depressions on stream terraces, depressions on lake plains, depressions on beach ridges	Yes	2

Hydric Soil List - All Components--OH043-Erie County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	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
	till or lacustrine sediments between 40 and 80 inches		—	—	—
	Moderately well drained soils		—	—	—
	Less clay in the subsoil		—	—	—
JuA: Joliet silt loam, 0 to 1 percent slopes	Joliet	85	Drainageways on reefs on lake plains, flats on reefs on lake plains, depressions on reefs on lake plains	Yes	2
	Millsdale	10	Depressions on reefs on lake plains, drainageways on reefs on lake plains	Yes	2
	Ritchey soils on knolls	5	Till plains	No	—
	Somewhat poorly drained soils		—	No	—
	More rock fragments throughout the soil		Flats on reefs on lake plains, drainageways on reefs on lake plains, depressions on reefs on lake plains	Yes	2
	More clay in the subsoil		Depressions on reefs on lake plains, flats on reefs on lake plains, drainageways on reefs on lake plains	Yes	2
KbA: Kibbie fine sandy loam, 0 to 2 percent slopes	Kibbie	90	Ground moraines, deltas, outwash plains, lake plains	No	—
	Colwood	10	Depressions on lake plains, depressions on deltas	Yes	2
	Loam surface layer		—	—	—
	Thicker surface layer		—	—	—

Hydric Soil List - All Components--OH043-Erie County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Lighter colored surface layer		—	—	—
	Moderately well drained soils		—	—	—
KcA: Kibbie loam, 0 to 2 percent slopes	Kibbie	90	Flats on lake plains	No	—
	Colwood	3	Depressions	Yes	2,3
	Jimtown	3	Terraces	No	—
	Lenawee	2	Depressions	Yes	2,3
	Tuscola	2	Deltas,lake plains	No	—
MaA: Mahoning silt loam, 0 to 2 percent slopes	Mahoning	85	Till plains	No	—
	Ellsworth	5	Till plains	No	—
	Trumbull	5	Till plains	Yes	2
	Miner	5	Lake plains,till plains	Yes	2,3
MaB: Mahoning silt loam, 2 to 6 percent slopes	Mahoning	85	Till plains	No	—
	Ellsworth	10	Till plains	No	—
	Trumbull	5	Till plains	Yes	2
MbB: Marblehead loam, 0 to 6 percent slopes	Marblehead	80	Reefs on lake plains	No	—
	Joliet	10	Depressions on reefs on lake plains	Yes	2
	Castalia soils intermixed throughout the units	5	Reefs on lake plains	No	—
	Rock outcrops intermixed throughout the units	5	—	No	—
	Bedrock at 10 to 20 inches		—	—	—
	More rock fragments in the surface layer		—	—	—
MeA: Mermill silty clay loam, 0 to 1 percent slopes	Mermill	90	Drainageways on ground moraines,flats on lake plains,flats on ground moraines,depressions on lake plains,depressions on ground moraines,drainage ways on lake plains	Yes	2
	Haskins soils on slight rises	10	Till plains,lake plains	No	—

Hydric Soil List - All Components--OH043-Erie County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Loam surface layer		Drainageways on ground moraines, drainage ways on lake plains, depressions on ground moraines, depressions on lake plains, flats on ground moraines, flats on lake plains	Yes	2
	Till or lacustrine sediments between 40 and 80 inches		Drainageways on lake plains, depressions on ground moraines, depressions on lake plains, flats on ground moraines, flats on lake plains, drainageways on ground moraines	Yes	2
	Thinner surface layer		Flats on ground moraines, flats on lake plains, drainageways on ground moraines, drainage ways on lake plains, depressions on ground moraines, depressions on lake plains	Yes	2
	More clay in the subsoil		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
MfA: Milford silty clay loam, 0 to 1 percent slopes	Milford	95	Flats on lake plains, depressions on lake plains	Yes	2
	Del Rey soils on slight rises	5	Till plains	No	—

Hydric Soil List - All Components--OH043-Erie County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	More clay throughout		Depressions on lake plains, flats on lake plains	Yes	2
	Unweathered till between 40 and 80 inches		Depressions on lake plains, flats on lake plains	Yes	2
	More sand in the subsoil		Flats on lake plains, depressions on lake plains	Yes	2
	Thinner surface layer		Depressions on lake plains, flats on lake plains	Yes	2
MgA: Millgrove loam, 0 to 1 percent slopes	Millgrove	90	Depressions on lake plains, drainageways on lake plains	Yes	2
	Jimtown soils on rises	5	Terraces	No	—
	Haskins soils on slight rises	5	Lake plains, till plains	No	—
	Unweathered till between 40 and 80 inches		Depressions on lake plains, drainageways on lake plains	Yes	2
	Less rock fragments throughout		Depressions on lake plains, drainageways on lake plains	Yes	2
MmA: Millsdale silty clay loam, 0 to 1 percent slopes	Millsdale	85	Depressions on lake plains, drainageways on lake plains, flats on lake plains	Yes	2
	Randolph soils on slight rises	10	Till plains	No	—
	Joliet	3	Depressions on lake plains, drainageways on lake plains, flats on lake plains	Yes	2
	Pewamo	2	Depressions on lake plains	Yes	2
	Less clay in the subsoil		Flats on lake plains, drainageways on lake plains, 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
MnA: Milton silt loam, 0 to 2 percent slopes	Milton	85	Till plains	No	—
	Ritchey soils intermixed throughout the units	10	Till plains	No	—

Hydric Soil List - All Components--OH043-Erie County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Randolph soils in concave positions	5	Till plains	No	—
	Bedrock at 40 to 60 inches		—	—	—
	Loam surface layer		—	—	—
	Less clay in the subsoil		—	—	—
MnB: Milton silt loam, 2 to 6 percent slopes	Milton	85	Till plains	No	—
	Cardington soils on shoulders	10	End moraines,ground moraines	No	—
	Ritchey soils intermixed throughout the units	5	Till plains	No	—
	Bedrock at 40 to 60 inches		—	—	—
	Less clay in the subsoil		—	—	—
	Loam surface layer		—	—	—
MrA: 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	—
MsA: Miner silt loam, shale substratum, 0 to 2 percent slopes	Miner-Shale substratum	85	Lake plains,till plains	Yes	2,3
	Trumbull	10	Till plains	Yes	2
	Allis	5	Till plains,lake plains	Yes	2
MxA: Mitiwanga silt loam, 0 to 2 percent slopes	Mitiwanga	85	Till plains	No	—
	Wakeman soils in higher positions	5	Till plains	No	—
	Bennington soils at the edge of units	5	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	No	—
	Jimtown soils at the edge of units	5	Terraces	No	—
	Loam surface layer		—	—	—
	More clay in the subsoil		—	—	—
MxB: Mitiwanga silt loam, 2 to 6 percent slopes	Mitiwanga	85	Till plains	No	—
	Haskins soils at the edge of units	5	Till plains,lake plains	No	—

Hydric Soil List - All Components--OH043-Erie County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Wakeman soils in higher positions	5	Till plains	No	—
	Bennington soils at the edge of units	5	Rises on end moraines, flats on ground moraines, flats on end moraines, rises on ground moraines	No	—
	Loam surface layer		—	—	—
	Bedrock at 40 to 60 inches		—	—	—
NoA: Nolin silt loam, 0 to 2 percent slopes, occasionally flooded	Nolin	95	Flood plains	No	—
	Holly	5	Depressions on flood plains	Yes	2
	Darker colored surface layer		—	—	—
	More sand throughout		—	—	—
	Moderately well drained soils		—	—	—
OaB: Oakville loamy fine sand, 0 to 6 percent slopes	Oakville	90	Beach ridges on lake plains, beach ridges on moraines, dunes on outwash plains, dunes on lake plains, dunes on moraines, beach ridges on outwash plains	No	—
	Bixler soils on flatter positions	10	Beach ridges on lake plains, beach ridges on outwash plains, rises on lake plains, rises on outwash plains	No	—
	Bedrock at 40 to 80 inches		—	—	—
	Moderately well drained soils		—	—	—
	Lamellae with more clay in the subsoil		—	—	—
OgA: Ogontz fine sandy loam, 0 to 2 percent slopes	Ogontz	90	Lake plains, deltas	No	—
	Bixler soils on rises	10	Rises on outwash plains, beach ridges on lake plains, beach ridges on outwash plains, rises on lake plains	No	—

Hydric Soil List - All Components--OH043-Erie County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Silt loam surface layer		—	—	—
	More sand in the subsoil		—	—	—
	Somewhat poorly drained soils		—	—	—
OhB: Ogontz silt loam, 2 to 6 percent slopes	Ogontz	90	Lake plains,deltas	No	—
	Algiers soils on toeslopes along depressions and drainageway	5	Flood plains	No	—
	Zurich soils on 12 to 18 percent slopes	5	Lake plains,deltas	No	—
	Well drained soils on 6 to 12 percent slopes		—	—	—
	More sand in the subsoil		—	—	—
	Somewhat poorly drained soils		—	—	—
OmA: Olmsted loam, 0 to 1 percent slopes	Olmsted	90	Depressions on lake plains,drainageways on lake plains,flats on lake plains	Yes	2
	Jimtown soils on rises	10	Terraces	No	—
	More clay in the subsoil		Flats on lake plains,drainageways on lake plains,depressions on lake plains	Yes	2
	Less rock fragments in the subsoil		Depressions on lake plains,flats on lake plains,drainageways on lake plains	Yes	2
On: Orrville silt loam, frequently flooded	Orrville	90	Flood plains	No	—
	Bennington	4	Flats on ground moraines,flats on end moraines,rises on ground moraines,rises on end moraines	No	—
	Holly	3	Depressions	Yes	2,4
	Lobdell	3	Flood plains	No	—
OpA: Orrville silt loam, bedrock substratum, 0 to 2 percent slopes, occasionally flooded	Orrville	85	Flood plains	No	—
	Holly	5	Depressions on flood plains	Yes	2

Hydric Soil List - All Components--OH043-Erie County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Bedrock at 20 to 40 inches intermixed throughout the units	5	—	No	—
	Tioga soils adjacent to stream channels	5	Flood plains	No	—
	More sand in the subsoil		—	—	—
	Bedrock below 80 inches		—	—	—
OrA: 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	—
	Bedrock below 80 inches		—	—	—
	More sand in the subsoil		—	—	—
OsB: 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		—	—	—
PcA: Pewamo silty clay loam, 0 to 1 percent slopes	Pewamo	90	Flats on lake plains, drainageways on ground moraines, drainage ways on lake plains, depressions on ground moraines, depressions on lake plains, flats on ground moraines	Yes	2
	Bennington soils on slight rises	5	Rises on end moraines, flats on ground moraines, flats on end moraines, rises on ground moraines	No	—

Hydric Soil List - All Components--OH043-Erie County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Elliott soils on slight rises	5	Till plains	No	—
	Less clay in the subsoil		Flats on lake plains, drainageways on ground moraines, drainageways on lake plains, depressions on ground moraines, depressions on lake plains, flats on ground moraines	Yes	2
	Bedrock at 40 to 80 inches		Flats on lake plains, drainageways on ground moraines, drainageways on lake plains, depressions on ground moraines, depressions on lake plains, flats on ground moraines	Yes	2
Pg: Pits, gravel or sand	Pits, gravel or sand	85	—	Unranked	—
	Areas of altered soil material near edges of units	10	—	No	—
	Fox soils near the edges of units	3	Terraces	No	—
	Oshtemo soils near the edges of units	2	Terraces	No	—
Pk: Pits, quarry	Pits, quarry	90	—	Unranked	—
	Areas of altered soil material near the edges of units	5	—	No	—
	Rock outcrops near the edges of units	3	—	No	—
	Pools of water less than 2 acres in depressions	2	—	No	—
PmA: Plumbrook fine sandy loam, 0 to 2 percent slopes	Plumbrook	90	Lake plains	No	—
	Colwood	5	Depressions on deltas, depressions on lake plains	Yes	2
	Gilford	5	Depressions on lake plains, depressions on deltas	Yes	2
	Lighter colored surface layer		—	—	—

Hydric Soil List - All Components--OH043-Erie County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Moderately well drained soils		—	—	—
	Unweathered till at 60 to 80 inches		—	—	—
PrA: Prout silt loam, 0 to 2 percent slopes	Prout	90	Till plains,lake plains	No	—
	Fries	4	Depressions	Yes	2,3
	Pewamo	4	Depressions	Yes	2,3
	Bennington	2	Flats on end moraines,rises on ground moraines,rises on end moraines,flats on ground moraines	No	—
RaA: Randolph silt loam, 0 to 2 percent slopes	Randolph	85	Till plains	No	—
	Millsdale	10	Depressions on lake plains	Yes	2
	Bennington soil near the edge of units	5	Flats on end moraines,rises on ground moraines,rises on end moraines,flats on ground moraines	No	—
	Moderately well drained soils		—	—	—
	Less clay in the subsoil		—	—	—
	Darker colored surface layer		—	—	—
RcA: Rawson sandy loam, 0 to 2 percent slopes	Rawson	95	Lake plains,till plains,outwash plains	No	—
	Mermill	5	Depressions on ground moraines,depressions on lake plains	Yes	2
	Till or lacustrine sediments between 40 and 80 inches		—	—	—
	Bedrock at 60 to 80 inches		—	—	—
	Somewhat poorly drained soils		—	—	—
	Loam surface layer		—	—	—

Hydric Soil List - All Components--OH043-Erie County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
RcB: Rawson sandy loam, 2 to 6 percent slopes	Rawson	95	Lake plains,outwash plains,till plains	No	—
	Mermill	5	Depressions on ground moraines,depressions on lake plains	Yes	2
	Somewhat poorly drained soils		—	—	—
	More clay in the subsoil		—	—	—
	Loam surface layer		—	—	—
	Till or lacustrine sediments between 40 and 80 inches		—	—	—
	Bedrock at 40 to 80 inches		—	—	—
RgA: Rimer loamy fine sand, 0 to 2 percent slopes	Rimer	95	Till plains,lake plains	No	—
	Gilford	5	Depressions on ground moraines,depressions on lake plains	Yes	2
	Unweathered till at 40 to 60 inches		—	—	—
	Moderately well drained soils		—	—	—
	Darker colored surface layer		—	—	—
	Sandy layer less than 20 inches thick		—	—	—
RhA: Ritchey loam, 0 to 2 percent slopes	Ritchey	90	Till plains	No	—
	Castalia soils intermixed throughout the units	5	Reefs on lake plains	No	—
	Dunbridge soils intermixed throughout the units	5	Rises on monadnocks on ground moraines	No	—
	Sandy loam surface layer		—	—	—
	Bedrock at 4 to 10 inches		—	—	—
RhB: Ritchey loam, 2 to 6 percent slopes	Ritchey	90	Till plains	No	—
	Castalia soils intermixed throughout the units	5	Reefs on lake plains	No	—

Hydric Soil List - All Components--OH043-Erie County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Milton soils near the edge of units	5	Till plains	No	—
	Bedrock at 4 to 10 inches		—	—	—
	Darker colored surface layer		—	—	—
RhC: Ritchey loam, 6 to 12 percent slopes	Ritchey	85	Till plains	No	—
	Castalia soils intermixed throughout the units	10	Reefs on lake plains	No	—
	Milton soils in less sloping areas	5	Till plains	No	—
	Darker colored surface layer		—	—	—
	Sandy loam surface layer		—	—	—
SaA: Sandusky loam, 0 to 1 percent slopes	Sandusky	90	Flats on lake plains	Yes	2
	Toledo	10	Flats on lake plains	Yes	2
	More tufa fragments in the surface layer		Flats on lake plains	Yes	2
	Thicker tufa deposits		Flats on lake plains	Yes	2
SbF: Saylesville silt loam, 25 to 40 percent slopes	Saylesville	95	Lake plains	No	—
	Oshtemo soils on upper part of backslopes	5	Terraces	No	—
	Moderately well drained soils		—	—	—
	Less clay in the subsoil		—	—	—
	Areas of 18 to 25 percent slopes		—	—	—
	Unweathered till at 40 to 80 inches		—	—	—
ShB: Shinrock silt loam, 2 to 6 percent slopes	Shinrock	90	Terraces	No	—
	Milford	10	Depressions on lake plains	Yes	2
	Less clay in the subsoil		—	—	—
	Unweathered till at 40 to 80 inches		—	—	—
	Somewhat poorly drained soils		—	—	—

Hydric Soil List - All Components--OH043-Erie County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
SkC2: Shinrock silty clay loam, 6 to 12 percent slopes, eroded	Shinrock	90	Terraces	No	—
	Milford	10	Depressions on lake plains	Yes	2
	Silt loam surface layer in less eroded areas		—	—	—
	Unweathered till at 40 to 80 inches		—	—	—
	Less clay in the subsoil		—	—	—
	Somewhat poorly drained soils		—	—	—
SkD2: Shinrock silty clay loam, 12 to 18 percent slopes, eroded	Shinrock	95	Terraces	No	—
	Milford	5	Drainageways on lake plains	Yes	2
	Less clay in the subsoil		—	—	—
	Well drained soils		—	—	—
	Unweathered till at 40 to 80 inches		—	—	—
	Somewhat poorly drained soils		—	—	—
SpB: Spinks loamy fine sand, 0 to 6 percent slopes	Spinks	95	Beach ridges, beach ridges, beach ridges, moraines, out wash plains, dunes, dunes, dunes, lake plains	No	—
	Udipsamments in areas mined for sand	5	—	No	—
	No lamellae in the subsoil		—	—	—
	Unweathered till at 40 to 80 inches		—	—	—
	More rock fragments in the substratum		—	—	—
	Moderately well drained soils		—	—	—
SpD: Spinks loamy fine sand, 12 to 18 percent slopes	Spinks	95	Beach ridges, dunes, lake plains, moraines, out wash plains, beach ridges, beach ridges, dunes, dunes	No	—
	Udipsamments in areas mined for sand	5	—	No	—

Hydric Soil List - All Components--OH043-Erie County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Bedrock at 40 to 80 inches		—	—	—
	More rock fragments in the substratum		—	—	—
	No lamellae in the subsoil		—	—	—
SrB: 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	—
	Oshtemo	3	Terraces	No	—
	Elnora	3	Longshore bars (relict),beach ridges	No	—
TgA: Tioga loam, 0 to 2 percent slopes, occasionally flooded	Tioga	95	Flood plains	No	—
	Orrville soils in concave positions and near the edge of uni	5	Flood plains	No	—
	More clay in the subsoil		—	—	—
	More silt in the subsoil and substratum		—	—	—
	Bedrock at 40 to 80 inches		—	—	—
	Moderately well drained soils		—	—	—
TnA: Toledo silty clay loam, 0 to 1 percent slopes	Toledo	90	Depressions on lake plains,flats on lake plains	Yes	2
	Fulton soils on rises	5	Lake plains	No	—
	Sandusky	5	Depressions on lake plains,flats on lake plains	Yes	2
	Lighter colored surface layer		Depressions on lake plains,flats on lake plains	Yes	2
	Non-calcareous surface layer		Depressions on lake plains,flats on lake plains	Yes	2
	Less clay in the subsoil and substratum		Depressions on lake plains,flats on lake plains	Yes	2

Hydric Soil List - All Components--OH043-Erie County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
ToA: Toledo silty clay, 0 to 1 percent slopes	Toledo	90	Depressions on lake plains, flats on lake plains	Yes	2
	Fulton soils on rises	5	Lake plains	No	—
	Sandusky	5	Depressions on lake plains, flats on lake plains	Yes	2
	Calcareous surface layer		Flats on lake plains, depressions on lake plains	Yes	2
	Less clay throughout		Depressions on lake plains, flats on lake plains	Yes	2
	Lighter colored surface layer		Depressions on lake plains, flats on lake plains	—	—
TpA: Toledo silty clay, 0 to 1 percent slopes, ponded	Toledo	90	Depressions on lake plains, flats on lake plains	Yes	2,3
	Udorthents in areas dredged for dike construction	10	—	No	—
	Less clay throughout		Flats on lake plains, depressions on lake plains	Yes	2,3
	Lighter colored surface layer		Flats on lake plains, depressions on lake plains	Yes	2,3
TuA: Tuscola fine sandy loam, 0 to 2 percent slopes	Tuscola	90	Lake plains, deltas	No	—
	Colwood	10	Drainageways on deltas, drainageways on lake plains, depressions on deltas, depressions on lake plains	Yes	2
	Less sand in the subsoil		—	—	—
	Somewhat poorly drained soils		—	—	—
	Loamy fine sand surface layer		—	—	—
	Less clay in the subsoil		—	—	—
TuB: Tuscola fine sandy loam, 2 to 6 percent slopes	Tuscola	95	Deltas, lake plains	No	—
	Colwood	5	Drainageways on deltas, drainageways on lake plains	Yes	2

Hydric Soil List - All Components--OH043-Erie County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Loamy fine sand surface layer		—	—	—
	Somewhat poorly drained soils		—	—	—
	Less clay in the subsoil		—	—	—
	Less sand in the subsoil		—	—	—
UcB: Udipsamments-Spinks complex, 0 to 6 percent slopes	Udipsamment	70	—	No	—
	Spinks	30	Lake plains, beach ridges, moraines, out wash plains, dunes, dunes, dunes, beach ridges, beach ridges	No	—
	Moderately well drained soils		—	—	—
	Bedrock at 40 to 80 inches		—	—	—
UdB: Udorthents, loamy, 0 to 6 percent slopes	Udorthents	85	—	Unranked	—
	Undisturbed soils at the edge of units	5	—	No	—
	Rock outcrops intermixed throughout the units	5	—	No	—
	Small urban areas intermixed throughout the units	5	—	No	—
	Stockpiles of disturbed soil material		—	—	—
W: Water	Water	100	—	Unranked	—
WaB: Wakeman sandy loam, 2 to 6 percent slopes	Wakeman	85	Monadnocks	No	—
	Mitiwanga soils near the base of slopes	10	Till plains	No	—
	Conotton soils near the edge of units	5	Terraces	No	—
	More clay in the subsoil		—	—	—
	More rock fragments in the subsoil		—	—	—

Hydric Soil List - All Components--OH043-Erie County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
WaC: Wakeman sandy loam, 6 to 12 percent slopes	Wakeman	85	Monadnocks	No	—
	Oakville soils near the edge of units	5	Beach ridges on lake plains, beach ridges on moraines, dunes on lake plains, dunes on moraines, beach ridges on outwash plains, dunes on outwash plains	No	—
	Mitiwanga soils near the base of slopes	5	Till plains	No	—
	Conotton soils near the edge of units	5	Terraces	No	—
	More clay in the subsoil		—	—	—
	Areas with slope of 12 to 18 percent		—	—	—
	More rock fragments in the subsoil		—	—	—
WeA: Weyers silt loam, 0 to 1 percent slopes	Weyers	90	Flats on lake plains	Yes	2
	Toledo	5	Flats on lake plains	Yes	2
	Undrained areas	5	Depressions on lake plains	Yes	2
	Thinner layer of tufa deposits		Flats on lake plains	Yes	2
	Thicker layer of tufa deposits		Flats on lake plains	Yes	2
	More tufa fragments in the upper part of the substratum		Flats on lake plains	Yes	2
ZuC2: Zurich silt loam, 6 to 12 percent slopes, eroded	Zurich	90	Outwash plains	No	—
	Algiers soils near the base of slopes	10	Flood plains	No	—
	More clay in the subsoil		—	—	—
	Well drained soils		—	—	—
	Areas with 12 to 18 percent slopes		—	—	—
ZuD2: Zurich silt loam, 12 to 18 percent slopes, eroded	Zurich	90	Outwash plains	No	—
	Algiers near the base of slopes	10	Flood plains	No	—

Hydric Soil List - All Components--OH043-Erie County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Areas with 6 to 12 percent slopes		—	—	—
	More clay in the subsoil		—	—	—
	Well drained soils		—	—	—
ZuE2: Zurich silt loam, 18 to 25 percent slopes, eroded	Zurich	90	Outwash plains	No	—
	Algiers soils near the base of slopes	10	Flood plains	No	—
	More clay in the subsoil		—	—	—
	Well drained soils		—	—	—
	Fine sandy loam surface layer		—	—	—
ZuF: Zurich silt loam, 25 to 40 percent slopes	Zurich	90	Outwash plains	No	—
	Algiers soils near the base of slopes	10	Flood plains	No	—
	Fine sandy loam surface layer		—	—	—
	More clay in the subsoil		—	—	—
	Well drained soils		—	—	—

Data Source Information

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