

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—OH093-Lorain County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
AkA: Allis loam, 0 to 2 percent slopes	Allis	95	Depressions	Yes	2
	Areas 40-60 inches deep over shale bedrock	5	Depressions	Yes	2
AIA: Allis silty clay loam, 0 to 2 percent slopes	Allis	94	Depressions	Yes	2
	Areas with thin layer of glacial till over shale bedrock	3	Depressions	Yes	2
	Areas with a darker surface layer	3	Depressions	Yes	2
AmA: Allis-Urban land complex, nearly level	Allis	60	Depressions	Yes	2
	Urban land	30	—	Unranked	—
	Lockport	5	Hills	No	—
	Miner, shale substratum	5	Depressions	Yes	2
BgA: Bennington silt 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	—
	Cardington	4	End moraines,ground moraines	No	—
	Haskins	3	Till plains,lake plains	No	—
	Condit	3	Depressions	Yes	2,3
BgB: Bennington silt loam, 2 to 6 percent slopes	Bennington	90	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	No	—
	Cardington	5	End moraines,ground moraines	No	—
	Condit	5	Depressions	Yes	2,3
BsA: Bogart sandy loam, 0 to 2 percent slopes	Bogart	85	Terraces	No	—
	Fitchville	4	Lake plains,terraces	—	—
	Mentor	4	Lake plains	—	—
	Haskins	4	Till plains,lake plains	—	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Areas that have a fine sand surface layer	3	—	—	—
BtA: Bogart loam, 0 to 2 percent slopes	Bogart	85	Terraces	No	—
	Fitchville	4	Lake plains,terraces	—	—
	Haskins	4	Till plains,lake plains	—	—
	Jimtown	4	Terraces	—	—
	Areas with a silt loam surface	2	—	—	—
	Areas with a gravelly surface	1	—	—	—
BtB: Bogart loam, 2 to 6 percent slopes	Bogart	85	Terraces	No	—
	Haskins	4	Till plains,lake plains	—	—
	Rawson	4	Till plains,lake plains,outwash plains	—	—
	Jimtown	4	Terraces	—	—
	Areas with a loam surface	3	—	—	—
CdB: Cardington silt loam, 2 to 6 percent slopes	Cardington	85	End moraines,ground moraines	No	—
	Bennington	5	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	No	—
	Alexandria	5	Till plains,moraines	No	—
	Condit	5	Depressions,drainage ways	Yes	2,3
CdC2: Cardington silt loam, 6 to 12 percent slopes, eroded	Cardington	90	End moraines,ground moraines	No	—
	Bennington	4	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	No	—
	Alexandria	3	Till plains,moraines	No	—
	Condit	3	Depressions,drainage ways	Yes	2,3
Cg: Carlisle mucky silt loam	Carlisle	95	Depressions	Yes	1
	Areas with less than 42 inches of organic material	5	Depressions	Yes	1

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Ch: Chagrin silt loam	Chagrin	85	Flood plains	No	—
	Holly	4	Depressions	Yes	2,4
	Orrville	4	Flood plains	—	—
	Lobdell	4	Flood plains	—	—
	Fitchville, low terrace	3	Lake plains,terraces	—	—
CIA: Chili loam, 0 to 2 percent slopes	Chili	90	Terraces	No	—
	Bogart	5	Terraces	—	—
	Areas that have a surface layer of fine sandy loam	2	—	—	—
	Areas of gravelly loam	2	—	—	—
	Areas that have a surface layer of silt loam, or sandy loam	1	—	—	—
CIB: Chili loam, 2 to 6 percent slopes	Chili	95	Terraces	No	—
	Areas of more than 6 percent slope	2	—	—	—
	Areas with a surface layer of fine sandy loam,gravelly loam	1	—	—	—
	Areas with a surface layer of silt loam or sandy loam	1	—	—	—
	Areas where erosion has removes 50% of the topsoil	1	—	—	—
CID2: Chili loam, 6 to 18 percent slopes, moderately eroded	Chili	85	Terraces	No	—
	Conotton	5	Terraces	—	—
	Oshtemo	5	Terraces	—	—
	Bogart	5	Terraces	—	—
CmC2: Chili gravelly loam, 6 to 12 percent slopes, moderately eroded	Chili	100	Terraces	No	—
	more sand in the profile		—	—	—
	severely eroded areas		—	—	—
CmE2: Chili gravelly loam, 12 to 25 percent slopes, moderately eroded	Chili	100	Terraces	No	—
	areas that lack gravel		—	—	—

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CmF2: Chili gravelly loam, 25 to 70 percent slopes, moderately eroded	Chili	100	Terraces	No	—
	more sand in the profile		—	—	—
CnB: Chili-Urban land complex, gently sloping	Chili	60	Terraces	No	—
	Urban land	30	—	Unranked	—
	Jimtown	5	Terraces	—	—
	Bogart	5	Terraces	—	—
CoB: Conotton gravelly loam, 2 to 6 percent slopes	Conotton	85	Terraces	No	—
	Dekalb	5	Hills	—	—
	Chili	5	Terraces	—	—
	Areas with channery or gravelly sandy loam or loam	3	—	—	—
	Areas that are severely eroded	2	—	—	—
CoC: Conotton gravelly loam, 6 to 12 percent slopes	Conotton	85	Terraces	No	—
	Dekalb	5	Hills	—	—
	Chili	5	Terraces	—	—
	Areas with channery or gravelly sandy loam or loam	3	—	—	—
	Areas that are severely eroded	2	—	—	—
Cp: Condit silty clay loam	Condit	90	Depressions on drainageways	Yes	2,3
	Bennington	2	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	No	—
	Colwood	2	Flats	Yes	2,3
	Lenawee	2	Flats	Yes	2,3
	Pewamo	2	Flats	Yes	2,3
	small wet spots and closed depressions	2	Depressions on drainageways	Yes	2,3
Cq: Condit silt loam, 0 to 1 percent slopes	Condit	85-95	End moraines,ground moraines	Yes	2
	Bennington	0-9	End moraines,ground moraines	No	—

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	Pewamo	0-9	End moraines,ground moraines	Yes	2,3
	Condit-Fine-loamy	0-9	End moraines,ground moraines	Yes	2
Cz: Udorthents	Udorthents	100	—	Unranked	—
DkB: Dekalb very channery loam, 1 to 6 percent slopes	Dekalb	90	Hills	No	—
	Mitiwanga	5	Till plains	—	—
	Areas greater than 6 percent slope	3	—	—	—
	Areas with a channery surface layer	2	—	—	—
DsB: Del Rey silt loam, 1 to 4 percent slopes	Del Rey	85	Till plains	No	—
	Fitchville	5	Lake plains,terraces	—	—
	Mahoning	5	Till plains	—	—
	Areas with carbonates and till at 20 inches	3	—	—	—
	Areas with 10 percent gravel in the surface layer	2	—	—	—
EkE2: Ellsworth silt loam, 12 to 25 percent slopes, eroded	Ellsworth-Eroded	90	Till plains	No	—
	Brecksville-Eroded	10	Till plains	No	—
EkF: Ellsworth silt loam, 25 to 70 percent slopes	Ellsworth	85	Till plains	No	—
	Brecksville	15	Till plains	No	—
EIB: Ellsworth silt loam, 2 to 6 percent slopes	Ellsworth	85	Till plains	No	—
	Mahoning	10	Till plains	No	—
	Trumbull	5	Till plains	Yes	2
EIB2: Ellsworth silt loam, 2 to 6 percent slopes, eroded	Ellsworth-Eroded	85	Till plains	No	—
	Mahoning-Eroded	10	Till plains	No	—
	Trumbull	5	Till plains	Yes	2
EIC2: Ellsworth silt loam, 6 to 12 percent slopes, eroded	Ellsworth-Eroded	90	Till plains	No	—
	Mahoning-Eroded	10	Till plains	No	—
EID2: Ellsworth silt loam, 12 to 18 percent slopes, eroded	Ellsworth-Eroded	90	Till plains	No	—
	Mahoning	5	Till plains	No	—
	Brecksville-Eroded	5	Till plains	No	—

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EIF2: Ellsworth silt loam, 18 to 50 percent slopes, eroded	Ellsworth-Eroded	85	Till plains	No	—
	Brecksville-Eroded	15	Till plains	No	—
EnA: Elnora loamy fine sand, 1 to 3 percent slopes	Elnora	90	Beach ridges, longshore bars (relict)	No	—
	Stafford	5	Beach ridges	—	—
	Knolls with slopes greater than 6 percent	3	—	—	—
	Areas with a sandy loam or loam surface layer	2	—	—	—
FcA: Fitchville silt loam, 0 to 2 percent slopes	Fitchville	85	Lake plains, terraces	No	—
	Sebring	3	Depressions	Yes	2
	Luray	3	Depressions	Yes	2,3
	Jimtown	3	Terraces	—	—
	Fulton	3	Lake plains	—	—
	Areas with a thicker surface	2	—	—	—
	Areas with a channery surface layer	1	—	—	—
FcB: Fitchville silt loam, 2 to 6 percent slopes	Fitchville	94	Lake plains, terraces	No	—
	Jimtown	5	Terraces	—	—
	Areas where the surface has been eroded	1	—	—	—
FdA: Fitchville silt loam, low terrace, 0 to 2 percent slopes	Fitchville	85	Lake plains, terraces	No	—
	Lobdell	5	Flood plains	—	—
	Orrville	5	Flood plains	—	—
	Areas with better drainage and are less gray	3	—	—	—
	Areas greater than 2 percent slope and moderately eroded	2	—	—	—
FeA: Fitchville-Urban land complex, nearly level	Fitchville	60	Lake plains, terraces	No	—
	Urban land	35	—	Unranked	—
	Sebring	5	Depressions	Yes	2

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FuA: Fulton silt loam, 0 to 2 percent slopes	Fulton	85	Lake plains	No	—
	Del Rey	4	Till plains	—	—
	Haskins	4	Till plains,lake plains	—	—
	Mahoning	3	Till plains	—	—
	Hornell	3	Till plains	—	—
	Gently sloping, moderately eroded soils	1	—	—	—
FuB: Fulton silt loam, 2 to 6 percent slopes	Fulton	95	Lake plains	No	—
	Areas of better drainage	5	—	—	—
FvA: Fulton silt loam, sandy substratum, 0 to 2 percent slopes	Fulton	95	Lake plains	No	—
	Areas that are wet with a darker surface	5	Depressions	Yes	2
HsA: Haskins loam, 0 to 2 percent slopes	Haskins	85	Till plains,lake plains	No	—
	Fitchville	4	Lake plains,terraces	—	—
	Mermill	3	Depressions	Yes	2,3
	Jimtown	3	Terraces	—	—
	Mahoning	3	Till plains	—	—
	Areas where the soil has a redder color	1	—	—	—
	Areas with a sandy loam, gravelly loam or silt loam surface	1	—	—	—
	—	—	—	—	—
HsB: Haskins loam, 2 to 6 percent slopes	Haskins	85	Till plains,lake plains	No	—
	Mahoning	4	Till plains	—	—
	Jimtown	4	Terraces	—	—
	Rawson	4	Till plains,lake plains,outwash plains	—	—
	Areas with a silt loam, sandy loam or gravelly loam surface	2	—	—	—
	Areas of moderately eroded soils	1	—	—	—
	—	—	—	—	—
HtA: Haskins-Urban land complex, nearly level	Haskins	60	Till plains,lake plains	No	—
	Urban land	35	—	Unranked	—

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	Merrill	5	Depressions	Yes	2,3
Hy: Holly silt loam	Holly	95	Flood plains	Yes	2,4
	Orrville	5	Flood plains	No	—
	Areas with a sandy loam, loam or silty clay surface		Flood plains	Yes	2,4
HzA: Hornell silt loam, 0 to 2 percent slopes	Hornell	90	Lake plains	No	—
	Miner, shale substratum	4	Depressions	Yes	2,3
	Allis	4	Depressions	Yes	2
	Areas with slopes up to 3 percent	2	—	—	—
HzB: Hornell silt loam, 2 to 6 percent slopes	Hornell	85	Lake plains	No	—
	Miner, shale substratum	5	Depressions	Yes	2,3
	Allis	5	Depressions	Yes	2
	Areas with greater than 6 percent slope	2	—	—	—
	Spots of moderately or severely eroded soils	2	—	—	—
	Areas of shale bedrock at 12 inches	1	—	—	—
JsA: Jimtown sandy loam, 0 to 2 percent slopes	Jimtown	95	Terraces	No	—
	Areas with slope greater than 2 percent	3	—	—	—
	Areas with a fine sandy loam surface	2	—	—	—
JtA: Jimtown loam, 0 to 2 percent slopes	Jimtown	90	Terraces	No	—
	Haskins	4	Till plains,lake plains	—	—
	Fitchville	4	Lake plains,terraces	—	—
	Areas with a gravelly loam or silt loam surface	1	—	—	—
	Areas with a loamy sand or sandy loam surface	1	—	—	—
JtB: Jimtown loam, 2 to 6 percent slopes	Jimtown	90	Terraces	No	—
	Olmsted	5	Depressions	Yes	2

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	Areas with a gravelly loam or silt loam surface	3	—	—	—
	Areas with channers on the surface	2	—	—	—
JuA: Jimtown-Urban land complex, nearly level	Jimtown	50	Terraces	No	—
	Urban land	30	—	Unranked	—
	Olmsted	5	Depressions	Yes	2
	Oshtemo	5	Terraces	—	—
	Chili	5	Terraces	—	—
	Bogart	5	Terraces	—	—
La: Lobdell silt loam, frequently flooded	Lobdell	80	Flood plains	No	—
	Tioga	7	Flood plains	No	—
	Orrville	7	Flood plains	No	—
	ponded areas	6	Abandoned channels, depressions	Yes	3
Lb: Lobdell silt loam	Lobdell	85	Flood plains	No	—
	Orrville	4	Flood plains	—	—
	Chagrin	4	Flood plains	—	—
	Areas with loam or fine sandy loam surface	3	—	—	—
	Areas where old stream channels dissect this soil	2	—	—	—
	Areas with a lighter surface color	1	—	—	—
	Areas with soils that are redder than typical	1	—	—	—
LcB: Lockport silty clay loam, 1 to 4 percent slopes	Lockport	95	Hills	No	—
	Areas with a loam or silt loam surface	3	—	—	—
	Areas where depth to shale bedrock is shallower than typical	2	—	—	—
Ln: Lorain silty clay loam	Lorain	90	Depressions	Yes	2
	Areas with an organic surface	4	Depressions	Yes	2

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	Areas with stones or boulders on the surface	3	Depressions	Yes	2
	Areas with a thick dark surface	3	Depressions	Yes	2
Ls: Lorain silty clay loam, sandy substratum	Lorain	97	Depressions	Yes	2
	Areas with sandy material above 40 inches	3	Depressions	Yes	2
Lu: Luray silt loam	Luray	100	Depressions on terraces	Yes	2
	muck surface layer		Depressions on terraces	Yes	2
	loam or sandy loam in the subsoil		Depressions on terraces	Yes	2
	thinner surface layer		Depressions on terraces	Yes	2
	silty clay loam surface layer		Depressions on terraces	Yes	2
Ly: Luray silty clay loam	Luray	90	Depressions	Yes	2,3
	Sebring	4	Depressions	Yes	2
	Lorain	4	Depressions	Yes	2
	Areas of soil more acid than is typical for Luray	2	Depressions	Yes	2
MgA: 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	Till plains,lake plains	Yes	2,3
MgB: Mahoning silt loam, 2 to 6 percent slopes	Mahoning	85	Till plains	No	—
	Ellsworth	10	Till plains	No	—
	Trumbull	5	Till plains	Yes	2
MgB2: Mahoning silt loam, 2 to 6 percent slopes, eroded	Mahoning-Eroded	85	Till plains	No	—
	Ellsworth-Eroded	10	Till plains	No	—
	Trumbull	5	Till plains	Yes	2
MhA: Mahoning silt loam, sandstone substratum, 0 to 2 percent slopes	Mahoning-Sandstone substratum	85	Till plains	No	—
	Trumbull	10	Till plains	Yes	2
	Mitiwanga	5	Till plains,lake plains	No	—

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MkA: Mahoning-Tiro silt loams, 0 to 2 percent slopes	Mahoning	50	Till plains	No	—
	Tiro	30	Till plains	No	—
	Fitchville	5	Terraces	No	—
	Sebring	5	Terraces	Yes	2
	Ellsworth	5	Till plains	No	—
	Trumbull	5	Till plains	Yes	2
MkB: Mahoning-Tiro silt loams, 2 to 6 percent slopes	Mahoning	50	Till plains	No	—
	Tiro	30	Till plains	No	—
	Ellsworth	10	Till plains	No	—
	Fitchville	5	Terraces	No	—
	Trumbull	5	Till plains	Yes	2
MmA: Mahoning-Urban land complex, 0 to 2 percent slopes	Mahoning	45	Till plains	No	—
	Urban land	35	—	Unranked	—
	Udorthents	10	—	Unranked	—
	Trumbull	5	Till plains	Yes	2
	Ellsworth	5	Till plains	No	—
MnB: Mentor silt loam, 2 to 6 percent slopes	Mentor	85	Terraces	No	—
	Fitchville	5	Lake plains,terraces	—	—
	Areas of moderately well drained soils	3	—	—	—
	Areas of moderately eroded soils	3	—	—	—
	Areas with a loam or fine sandy loam surface	2	—	—	—
MnC: Mentor silt loam, 6 to 12 percent slopes	Spots of nearly level soils	2	—	—	—
	Mentor	95	Terraces	No	—
	Fitchville	4	Lake plains,terraces	—	—
	Areas of moderately eroded soils	1	—	—	—
MnE: Mentor silt loam, 12 to 25 percent slopes	Mentor	95	Terraces	No	—
	Areas of moderately or severely eroded soils	3	—	—	—

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	Areas with slopes more than 25 percent	2	—	—	—
Mo: Mermill loam	Mermill	90	Depressions	Yes	2,3
	Haskins	4	Till plains,lake plains	No	—
	Lorain	4	Depressions	Yes	2
	Areas with a silt loam or fine sandy loam surface	2	Depressions	Yes	2
Mr: Miner silty clay loam, 0 to 2 percent slopes	Miner	85	Till plains,lake plains	Yes	2,3
	Trumbull	10	Till plains	Yes	2
	Mahoning	5	Till plains	No	—
Ms: Miner silty clay loam, shale substratum, 0 to 2 percent slopes	Miner-Shale substratum	85	Till plains,lake plains	Yes	2,3
	Trumbull	10	Till plains	Yes	2
	Allis	5	Till plains,lake plains	Yes	2
MtA: Mitiwanga silt loam, 0 to 2 percent slopes	Mitiwanga	85	Till plains	No	—
	Fitchville	4	Lake plains,terraces	—	—
	Mahoning	4	Till plains	—	—
	Fulton	3	Lake plains	—	—
	Areas where lower part of subsoil is very strongly acid	1	—	—	—
	Areas with bedrock shallower or deeper than is typical	1	—	—	—
	Areas with a cobbly surface	1	—	—	—
	Areas with a loam surface	1	—	—	—
MtB: Mitiwanga silt loam, 2 to 6 percent slopes	Mitiwanga	90	Till plains	No	—
	Areas where lower part of subsoil is very strongly acid	2	—	—	—
	Areas where bedrock is shallower or deeper than typical	2	—	—	—
	Areas with a cobbly surface	2	—	—	—

Hydric Soil List - All Components--OH093-Lorain County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Spots of moderately or severely eroded soils	2	—	—	—
	Areas with a loam surface	2	—	—	—
MvB: Mitiwanga channery loam, 1 to 4 percent slopes	Mitiwanga	95	Till plains	No	—
	Areas with a channery surface	3	—	—	—
	Areas where bedrock is shallower or deeper than typical	2	—	—	—
MxB: Mitiwanga-Urban land complex, gently sloping	Mitiwanga	60	Till plains	No	—
	Urban land	35	—	Unranked	—
	Areas that are nearly level	5	—	—	—
Om: Olmsted fine sandy loam	Olmsted	92	Depressions	Yes	2
	Mermill	5	Depressions	Yes	2
	Areas with a silty clay loam, silt loam or loam surface	3	Depressions	Yes	2
On: Olmsted loam, sandstone substratum	Olmsted	95	Depressions	Yes	2
	Areas of silty clay loam, silt loam or channery loam surface	3	Depressions	Yes	2
	Areas where bedrock is slightly shallower than 40 inches	2	Depressions	Yes	2
Or: Orrville silt loam	Orrville	85	Flood plains	No	—
	Holly	5	Drainageways	Yes	2,4
	Fitchville	5	Lake plains,terraces	—	—
	Areas with a silty clay loam, sandy loam or loam surface	2	—	—	—
	Areas with bedrock as shallow as 45 inches	2	—	—	—
	Areas underlain by sandstone	1	—	—	—
OtA: Oshtemo sandy loam, 0 to 2 percent slopes	Oshtemo	90	Terraces	No	—
	Areas with a loam or fine sandy loam surface	5	—	—	—

Hydric Soil List - All Components--OH093-Lorain County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Areas with as much as 70 percent gravel	5	—	—	—
OtB: Oshtemo sandy loam, 2 to 6 percent slopes	Oshtemo	85	Terraces	No	—
	Haskins	3	Till plains,lake plains	—	—
	Tyner	3	Beach plains on lake plains,beach ridges on lake plains	—	—
	Chili	3	Terraces	—	—
	Small areas of moderately eroded soils	2	—	—	—
	Areas with as much as 70 percent gravel	2	—	—	—
	Areas with a loam or fine sandy loam surface	2	—	—	—
OtC: Oshtemo sandy loam, 6 to 12 percent slopes	Oshtemo	85	Terraces	No	—
	Chili	5	Terraces	—	—
	Haskins	5	Till plains,lake plains	—	—
	Areas with as much as 70 percent gravel	3	—	—	—
	Areas with a loam surface	2	—	—	—
Qu: Quarries	Quarries	100	—	Unranked	—
RdA: Rawson loam, 0 to 2 percent slopes	Rawson	85	Hills	No	—
	Haskins	5	Till plains,lake plains	—	—
	Areas with a silt loam or sandy loam surface	4	—	—	—
	Areas of moderately eroded soils	3	—	—	—
	Areas of gravelly soils	3	—	—	—
RdB: Rawson loam, 2 to 6 percent slopes	Rawson	90	Hills	No	—
	Areas with a silt loam or sandy loam surface	4	—	—	—
	Spots of moderately eroded soils	3	—	—	—
	Areas of gravelly soils	3	—	—	—

Hydric Soil List - All Components--OH093-Lorain County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
RdC2: Rawson loam, 6 to 12 percent slopes, moderately eroded	Rawson	95	Hills	No	—
	Areas with a fine sandy loam surface	3	—	—	—
	Spots of severely eroded soils	2	—	—	—
Sb: Sebring silt loam	Sebring	85	Depressions	Yes	2
	Fitchville	4	Lake plains, terraces	No	—
	Luray	4	Depressions	Yes	2
	Areas where bedrock is at 30 inches	2	Depressions	Yes	2
	Areas with a finer textured solum	2	Depressions	Yes	2
	Areas with mildly alkaline material at 36 inches	2	Depressions	Yes	2
	Areas with sandstone fragments on the surface	1	Depressions	Yes	2
Sd: Sebring silt loam, sandstone substratum	Sebring	97	Depressions	Yes	2
	Areas with bedrock slightly shallower or deeper than typical	3	Depressions	Yes	2
Se: Senecaville silt loam	Senecaville	90	Flood plains	No	—
	Orrville	5	Flood plains	—	—
	Areas with a loam surface	3	—	—	—
	Areas of soils that are better drained	2	—	—	—
SkA: Shinrock silt loam, 0 to 2 percent slopes	Shinrock	90	Terraces	No	—
	Del Rey	5	Till plains	—	—
	Areas with more coarse fragments than typical	3	—	—	—
	Areas with a fine sandy loam surface	2	—	—	—
SkB: Shinrock silt loam, 2 to 6 percent slopes	Shinrock	85	Terraces	No	—
	Del Rey	4	Till plains	—	—
	Ellsworth	4	Till plains	—	—
	Areas with a fine sandy loam surface	3	—	—	—

Hydric Soil List - All Components--OH093-Lorain County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Areas with more coarse fragments than typical	3	—	—	—
	Areas with slopes to 12 percent	1	—	—	—
Sw: Stafford fine sandy loam	Stafford	85	Beach ridges	No	—
	Poorly drained darker colored soils	4	Depressions	Yes	2
	Bogart	4	Terraces	—	—
	Elnora	4	Beach ridges, longshore bars (relict)	—	—
	Areas with a loam or loamy sand surface	3	—	—	—
Tg: Tioga fine sandy loam	Tioga	85	Flood plains	No	—
	Lobdell	4	Flood plains	—	—
	Fitchville, low terrace	4	Lake plains, terraces	—	—
	Orrville	4	Flood plains	—	—
	Areas with slopes to 5 percent	3	—	—	—
TrA: Trumbull silty clay loam, 0 to 2 percent slopes	Trumbull	90	Till plains	Yes	2
	Miner	5	Till plains, lake plains	Yes	2,3
	Mahoning	5	Till plains	No	—
TyB: Tyner loamy sand, 1 to 6 percent slopes	Tyner	90	Beach plains on lake plains, beach ridges on lake plains	No	—
	Elnora	5	Beach ridges, longshore bars (relict)	—	—
	Areas with a sandy loam or loam surface	3	—	—	—
	Areas with cobbles in the surface layer	2	—	—	—
TyC: Tyner loamy sand, 6 to 12 percent slopes	Tyner	85	Beach plains on lake plains, beach ridges on lake plains	No	—
	Areas that are gravelly	4	—	—	—
	Spots of moderately eroded soils	4	—	—	—
	Areas with slopes greater than 12 percent	4	—	—	—
	Areas with a sandy loam surface	3	—	—	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
UpC: Upshur silt loam, 2 to 8 percent slopes	Upshur	95	Hills	No	—
	Areas with slopes more than 8 percent	3	—	—	—
	Areas with a loam surface	2	—	—	—
UpF: Upshur silt loam, 25 to 70 percent slopes	Upshur	85	Hills	No	—
	Mentor	5	Lake plains	—	—
	Ellsworth	5	Till plains	—	—
	Areas with a loam surface	3	—	—	—
	Areas with moderate erosion and a silty clay loam surface	2	—	—	—
W: Water	Water	100	—	Unranked	—
WeB: Weikert channery fine sandy loam, 1 to 6 percent slopes	Weikert	85	Hills	No	—
	Areas with slopes greater than 10 percent	4	—	—	—
	Areas with a silt loam surface	4	—	—	—
	Areas with bedrock deeper than 20 inches	4	—	—	—
	Areas that are less acid than typical	3	—	—	—

Data Source Information

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