

## 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--OH041-Delaware County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
AmD2: Amanda silt loam, 12 to 18 percent slopes, eroded	Amanda	90	End moraines,ground moraines	No	—
	Bennington	10	Rises on end moraines,flats on ground moraines,flats on end moraines,rises on ground moraines	—	—
	moderately well drained soils	0	—	—	—
	lenses of very fine sand and silt in the substratum	0	—	—	—
AmE: Amanda silt loam, 18 to 25 percent slopes	Amanda	90	End moraines,ground moraines	No	—
	Bennington	10	Rises on end moraines,rises on ground moraines,flats on end moraines,flats on ground moraines	—	—
	moderately well drained soils	0	—	—	—
	lenses of very fine sand and silt in the substratum	0	—	—	—
AmF: Amanda silt loam, 25 to 50 percent slopes	Amanda	90	End moraines,ground moraines	No	—
	Brecksville	5	Hills	—	—
	Bennington	5	Flats on ground moraines,flats on end moraines,rises on ground moraines,rises on end moraines	—	—
	lenses of very fine sand and silt in the substratum	0	—	—	—
	moderately well drained soils	0	—	—	—

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BeA: 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	—
	Pewamo	5	Depressions on ground moraines, depressions on end moraines	Yes	2
	Condit	5	Swales on end moraines, swales on ground moraines	Yes	2
	lenses of very fine sand and silt in the substratum		—	—	—
	moderately well drained soils		—	—	—
BeB: Bennington silt loam, 2 to 4 percent slopes	Bennington	95	Rises on ground moraines, rises on end moraines, flats on ground moraines, flats on end moraines	No	—
	Condit	3	Swales on ground moraines, swales on end moraines	Yes	2
	Pewamo	2	Depressions on ground moraines, depressions on end moraines	Yes	2
	lenses of very fine sand and silt in the substratum		—	—	—
	eroded surface layer		—	—	—
	moderately well drained soils		—	—	—
Ble1A1: Blount silt loam, end moraine, 0 to 2 percent slopes	Blount-End moraine	80-95	End moraines on till plains	No	—
	Glywood-End moraine	0-12	End moraines on till plains	No	—
	Pewamo-End moraine	0-9	End moraines on till plains	Yes	2
Ble1B1: Blount silt loam, end moraine, 2 to 4 percent slopes	Blount-End moraine	80-95	End moraines on till plains	No	—
	Glywood-End moraine	0-12	End moraines on till plains	No	—
	Pewamo-End moraine	0-9	End moraines on till plains	Yes	2

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Blg1A1: Blount silt loam, ground moraine, 0 to 2 percent slopes	Blount-Ground moraine	80-95	Ground moraines on till plains	No	—
	Pewamo-Ground moraine	0-12	Ground moraines on till plains	Yes	2
	Glynwood-Ground moraine	0-9	Ground moraines on till plains	No	—
Blg1B1: Blount silt loam, ground moraine, 2 to 4 percent slopes	Blount-Ground moraine	80-95	Ground moraines on till plains	No	—
	Pewamo-Ground moraine	0-12	Ground moraines on till plains	Yes	2
	Glynwood-Ground moraine	0-9	Ground moraines on till plains	No	—
CaB: Cardington silt loam, 2 to 6 percent slopes	Cardington	95	Ground moraines,end moraines	No	—
	Pewamo	5	Drainageways on ground moraines,drainage ways on end moraines	Yes	2
	eroded surface layer		—	—	—
	somewhat poorly drained soils		—	—	—
CaC2: Cardington silt loam, 6 to 12 percent slopes, eroded	Cardington	100	Ground moraines,end moraines	No	—
	more clay in the surface layer		—	—	—
	well drained soils		—	—	—
	somewhat poorly drained soils		—	—	—
CeB: Centerburg silt loam, 2 to 6 percent slopes	Centerburg	95	Moraines,till plains	No	—
	Pewamo	5	Drainageways on ground moraines,drainage ways on end moraines	Yes	2
	eroded surface layer		—	—	—
	lenses of very fine sand and silt in the substratum		—	—	—
	somewhat poorly drained soils		—	—	—
CeC2: Centerburg silt loam, 6 to 12 percent slopes, eroded	Centerburg	100	Till plains,moraines	No	—
	well drained soils		—	—	—

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	more clay in the surface layer		—	—	—
	lenses of very fine sand and silt in the substratum		—	—	—
	somewhat poorly drained soils		—	—	—
CnA: 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	—
	Pewamo	0-9	End moraines,ground moraines	Yes	2,3
	Condit-Fine-loamy	0-9	End moraines,ground moraines	Yes	2
EdA: Edwards muck, 0 to 1 percent slopes	Edwards	85	Depressions on outwash plains	Yes	1,3
	Pewamo	8	Drainageways on ground moraines,drainage ways on end moraines,depressions on ground moraines,depressions on end moraines,flats on end moraines,flats on ground moraines	Yes	2
	Stone	7	Stream terraces,outwash plains,outwash terraces	No	—
	organic material less than 16 inches thick		Depressions on outwash plains	Yes	2,3
GaC2: Gallman loam, loamy substratum, 6 to 12 percent slopes, eroded	Gallman	100	Outwash plains,kames,outwash terraces,moraines	No	—
	soils formed in till with a water table in the lower part		—	—	—
	substratum within a depth of 20 inches		—	—	—
GbA: Gallman silt loam, loamy substratum, 0 to 2 percent slopes	Gallman	90	Outwash plains,kames,outwash terraces,moraines	No	—
	Millgrove	5	Depressions on end moraines,depressions on outwash terraces	Yes	2

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	Heverlo	5	Till plains	—	—
	shale bedrock at a depth of 60 to 80 inches		—	—	—
	channery or very channery substratum		—	—	—
	water table in the lower part		—	—	—
GbB: Gallman silt loam, loamy substratum, 2 to 6 percent slopes	Gallman	90	Outwash plains,kames,outwash terraces,moraines	No	—
	Heverlo	5	Till plains	—	—
	Millgrove	5	Depressions on outwash terraces,depressions on end moraines	Yes	2
	shale bedrock at a depth of 60 to 80 inches		—	—	—
	channery or very channery substratum		—	—	—
	eroded surface layer		—	—	—
GcB: Gallman silt loam, till substratum, 2 to 6 percent slopes	Gallman	100	Outwash plains,kames,outwash terraces,moraines	No	—
	darker surface layer		—	—	—
	more sand and less clay in the substratum		—	—	—
Gwd5C2: Glynwood clay loam, 6 to 12 percent slopes, eroded	Glynwood	75-90	End moraines	No	—
	Blount	0-9	Flats on ground moraines,rises on ground moraines	No	—
	Morley	0-9	Till plains	No	—
Gwe5B2: Glynwood clay loam, end moraine, 2 to 6 percent slopes, eroded	Glynwood-End moraine	80-90	End moraines on till plains	No	—
	Blount-End moraine	0-12	End moraines on till plains	No	—
	Pewamo	0-9	End moraines on till plains	Yes	2

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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
Gwg5C2: Glynwood clay loam, ground moraine, 6 to 12 percent slopes, eroded	Glynwood	75-90	Ground moraines	No	—
	Blount	0-9	Flats on ground moraines	No	—
	Pewamo	0-9	Depressions on till plains	Yes	2
Gwg5C3: Glynwood clay loam, 6 to 12 percent slopes, severely eroded	Glynwood	75-90	Ground moraines	No	—
	Blount	0-9	Flats on ground moraines	No	—
	Pewamo	0-9	Depressions on till plains	Yes	2
HeF: Heverlo silt loam, 25 to 70 percent slopes	Heverlo	95	Till plains	No	—
	Gallman	5	Outwash terraces, moraines, outwash plains, kames	—	—
	moderately well drained soils		—	—	—
	less clay in the subsoil		—	—	—
HyA: Hyatts silt loam, 0 to 2 percent slopes	Hyatts	100	Ground moraines	No	—
	moderately well drained soils		—	—	—
	shale bedrock at a depth of 20 to 40 inches		—	—	—
HyB: Hyatts silt loam, 2 to 4 percent slopes	Hyatts	100	Ground moraines	No	—
	moderately well drained soils		—	—	—
	shale bedrock at a depth of 20 to 40 inches		—	—	—
	eroded surface layer		—	—	—

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JmA: Jimtown silt loam, 0 to 2 percent slopes	Jimtown	90	Terraces	No	—
	Millgrove	10	Depressions on outwash terraces	Yes	2
	more clay and less sand in the substratum		—	—	—
	more clay and less sand in the subsoil		—	—	—
LbF: Latham-Brecksville complex, 25 to 70 percent slopes	Latham	40	Hills	No	—
	Brecksville	35	Hills	No	—
	Amanda	13	Ground moraines,end moraines	—	—
	Cardington	12	End moraines,ground moraines	—	—
	sandstone bedrock at a depth of 20 to 40 inches		—	—	—
LeE: Leoni gravelly loam, 12 to 25 percent slopes	Leoni	100	Kames,eskers	No	—
	more gravel and stones in the subsoil and substratum		—	—	—
	more clay and less sand in the subsoil		—	—	—
LoA: Lobdell silt loam, channery substratum, 0 to 2 percent slopes, occasionally flooded	Lobdell	90	Flood plains	No	—
	Sloan	10	Depressions on flood plains	Yes	2
	darker surface layer		—	—	—
	more clay and less sand in the substratum		—	—	—
LsA: Lobdell, channery substratum-Sloan, till substratum complex, 0 to 2 percent slopes, occasionally flooded	Lobdell	60	Flood plains	No	—
	Sloan	35	Backswamps on flood plains,abandoned channels on flood plains	Yes	2
	Jimtown	5	Terraces	No	—
	well drained soils that have a darker surface layer		—	No	—

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	lighter colored surface layer		—	—	—
	frequently flooded areas		—	—	—
	better drained soils		—	—	—
	more gravel in the substratum		—	—	—
LvB: Loudonville silt loam, 2 to 6 percent slopes	Loudonville	90	Hills	No	—
	Smothers	10	Ground moraines	—	—
	sandstone bedrock at a depth of 40 to 60 inches		—	—	—
	water table in the lower part		—	—	—
LyD2: Lybrand silt loam, 12 to 18 percent slopes, eroded	Lybrand	90	End moraines,ground moraines	No	—
	Milton	10	Till plains	—	—
	moderately well drained soils		—	—	—
	more clay in the surface layer		—	—	—
LyE2: Lybrand silt loam, 18 to 25 percent slopes, eroded	Lybrand	100	End moraines,ground moraines	No	—
	moderately well drained soils		—	—	—
	uneroded surface layer		—	—	—
LzD3: Lybrand silty clay loam, 12 to 18 percent slopes, severely eroded	Lybrand	100	End moraines,ground moraines	No	—
	moderately well drained soils		—	—	—
	less severely eroded surface layer		—	—	—
MaB: Martinsville loam, 2 to 6 percent slopes	Martinsville	100	Terraces	No	—
	moderately well drained soils formed in till		—	—	—
MbB: Martinsville loam, till substratum, 2 to 6 percent slopes	Martinsville	100	Terraces	No	—
	moderately well drained soils formed in till		—	—	—

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	more sand and less clay in the substratum		—	—	—
McD2: Mentor silt loam, 12 to 18 percent slopes, eroded	Mentor	100	Terraces	No	—
	moderately well drained soils formed in till		—	—	—
MfA: Millgrove silt loam, 0 to 2 percent slopes	Millgrove	90	Depressions on outwash terraces, flats on outwash terraces, drainageways on outwash terraces, drainageways on outwash plains, depressions on outwash plains, flats on outwash plains	Yes	2
	Jimtown	10	Terraces	No	—
MgA: Millgrove silty clay loam, 0 to 2 percent slopes	Millgrove	95	Drainageways on outwash terraces, drainageways on outwash plains, depressions on outwash terraces, depressions on outwash plains, flats on outwash terraces, flats on outwash plains	Yes	2
	Stone	5	Outwash terraces, stream terraces, outwash plains	No	—
	more clay in the subsoil and formed in till		Drainageways on outwash plains, depressions on outwash terraces, depressions on outwash plains, flats on outwash terraces, flats on outwash plains, drainageways on outwash terraces	Yes	2

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
MhA: Millgrove silty clay loam, 0 to 2 percent slopes, rarely flooded	Millgrove	95	Depressions on outwash terraces, flats on outwash terraces, drainage ways on outwash terraces	Yes	2
	Stone	5	Stream terraces, outwash plains, outwash terraces	No	—
MoB: Milton silt loam, 2 to 6 percent slopes	Milton	90	Till plains	No	—
	Glynwood	10	End moraines, ground moraines	—	—
	limestone bedrock at a depth of 40 to 60 inches		—	—	—
	more clay in the surface layer		—	—	—
MoC2: Milton silt loam, 6 to 12 percent slopes, eroded	Milton	90	Till plains	No	—
	Glynwood	10	End moraines, ground moraines	—	—
	water table in the lower part		—	—	—
	limestone bedrock at a depth of 40 to 60 inches		—	—	—
MpD2: Milton-Lybrand complex, 12 to 18 percent slopes, eroded	Milton	50	Till plains	No	—
	Lybrand	50	Ground moraines, end moraines	No	—
	moderately well drained soils		—	—	—
	limestone bedrock at a depth of 40 to 60 inches		—	—	—
PaA: Pacer silt loam, 0 to 2 percent slopes	Pacer	95	Outwash terraces	No	—
	Millgrove	5	Depressions on outwash terraces	Yes	2
	well drained soils that do not have a till substratum		—	—	—

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PwA: Pewamo silty clay loam, 0 to 1 percent slopes	Pewamo	85	Drainageways on end moraines, drainage ways on ground moraines, depressions on ground moraines, depressions on end moraines, flats on end moraines, flats on ground moraines	Yes	2
	Bennington	0-15	Rises on ground moraines, rises on end moraines, flats on end moraines, flats on ground moraines	No	—
	Blount	0-15	Rises on end moraines, rises on ground moraines, flats on ground moraines, flats on end moraines	No	—
	thinner surface layer		Depressions on ground moraines, depressions on end moraines, flats on ground moraines, flats on end moraines, drainage ways on ground moraines, drainage ways on end moraines	Yes	2

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	thicker surface layer		Drainageways on end moraines, depressions on ground moraines, depressions on end moraines, flats on end moraines, flats on ground moraines, drainage ways on ground moraines	Yes	2
	lenses of very fine sand and silt in the substratum		Drainageways on ground moraines, drainage ways on end moraines, depressions on end moraines, depressions on ground moraines, flats on ground moraines, flats on end moraines	Yes	2
Pz: Pits, gravel	Pits	85	—	Unranked	—
	Udorthents	7	—	—	—
	Leoni	0-8	Kames, eskers	—	—
	Gallman	0-8	Outwash plains, kames, outwash terraces, moraines	—	—
	Scioto	0-8	Stream terraces, kames, eskers, outwash terraces	—	—
RdB2: Rarden silt loam, 2 to 6 percent slopes, eroded	Rarden	100	Hills	No	—
	somewhat poorly drained soils; shale bedrock at 40-60 inches		—	—	—
	better drained soils		—	—	—
RdC2: Rarden silt loam, 6 to 15 percent slopes, eroded	Rarden	90	Hills	No	—
	Centerburg	10	Till plains, moraines	—	—
	better drained soils		—	—	—
RdF2: Rarden silt loam, 20 to 50 percent slopes, eroded	Rarden	100	Hills	No	—
	well drained soils with sandstone bedrock at 20 to 40 inches		—	—	—

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	shale bedrock within a depth of 20 inches		—	—	—
	better drained soils		—	—	—
RoA: Rossburg silt loam, 0 to 2 percent slopes, occasionally flooded	Rossburg	85	Flood plains	No	—
	Scioto	5	Eskers,outwash terraces,stream terraces,kames	—	—
	Sloan	5	Abandoned channels on flood plains	Yes	2
	Gallman	5	Outwash terraces,moraines,outwash plains,kames	—	—
	moderately well drained soils		—	—	—
	thicker surface layer		—	—	—
RsA: Rossburg-Sloan complex, 0 to 2 percent slopes, occasionally flooded	Rossburg	50	Flood plains	No	—
	Sloan	40	Backswamps on flood plains,abandoned channels on flood plains	Yes	2
	Gallman	10	Outwash plains,kames,outwash terraces,moraines	No	—
	lighter colored surface layer		—	—	—
	moderately well drained soils		—	—	—
	thicker surface layer		—	—	—
ScA: Scioto silt loam, 0 to 2 percent slopes	Scioto	90	Eskers,outwash terraces,stream terraces,kames	No	—
	Glynwood	10	End moraines,ground moraines	—	—
	more sand and less clay in the substratum		—	—	—
ScB: Scioto silt loam, 2 to 6 percent slopes	Scioto	90	Eskers,outwash terraces,stream terraces,kames	No	—
	Glynwood	10	—	—	—

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	eroded surface layer		—	—	—
	more sand and less clay in the substratum		—	—	—
SdC2: Scioto silty clay loam, 6 to 12 percent slopes, eroded	Scioto	90	Stream terraces,kames, eskers,outwash terraces	No	—
	Millgrove	10	Depressions on outwash terraces	Yes	2
	severely eroded surface layer		—	—	—
	more sand and less clay in the substratum		—	—	—
SfA: Scioto silt loam, 0 to 2 percent slopes, rarely flooded	Scioto	100	Stream terraces,kames, eskers,outwash terraces	No	—
	water table in the lower part and a darker surface layer		—	—	—
	thicker surface layer		—	—	—
SgA: Shoals silt loam, 0 to 2 percent slopes, occasionally flooded	Shoals	80-100	Flood plains	No	—
	Sloan	0-9	Flood plains	Yes	2
	Eel	0-9	Flood plains	No	—
SkA: Sloan silt loam, 0 to 2 percent slopes, occasionally flooded	Sloan	90	Backswamps on flood plains,depressions on flood plains	Yes	2
	Lobdell	10	Flood plains	No	—
	lighter colored surface layer		Depressions on flood plains,backswamps on flood plains	Yes	2
	substratum at a depth of 60 to 80 inches		Backswamps on flood plains,depressions on flood plains	Yes	2
	frequently flooded areas		Depressions on flood plains,backswamps on flood plains	Yes	2
SnA: Sloan silt loam, till substratum, 0 to 2 percent slopes, occasionally flooded	Sloan	85	Flats on flood plains,backswamps on flood plains,abandoned channels on flood plains	Yes	2
	Shoals	5	Flood plains	No	—

Hydric Soil List - All Components--OH041-Delaware County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Pewamo	5	Drainageways on end moraines, depressions on ground moraines, depressions on end moraines, flats on ground moraines, flats on end moraines, drainage ways on ground moraines	Yes	2
	Millgrove	5	Depressions on outwash terraces, depressions on outwash plains, flats on outwash terraces, flats on outwash plains, drainageways on outwash terraces, drainageways on outwash plains	Yes	2
	till substratum at a depth of more than 80 inches		Abandoned channels on flood plains, flats on flood plains, backswamps on flood plains	Yes	2
	lighter colored surface layer		Flats on flood plains, backswamps on flood plains, abandoned channels on flood plains	Yes	2
	frequently flooded areas		Flats on flood plains, backswamps on flood plains, abandoned channels on flood plains	Yes	2

Hydric Soil List - All Components--OH041-Delaware County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
SoA: Sloan silty clay loam, till substratum, 0 to 2 percent slopes, occasionally flooded	Sloan	85	Abandoned channels on flood plains, flats on flood plains, backswamps on flood plains	Yes	2
	Pewamo	8	Drainageways on end moraines, depressions on ground moraines, depressions on end moraines, flats on ground moraines, flats on end moraines, drainage ways on ground moraines	Yes	2
	Shoals	7	Flood plains	No	—
	lighter colored surface layer		Flats on flood plains, backswamps on flood plains, abandoned channels on flood plains	Yes	2
	till substratum at a depth of more than 80 inches		Flats on flood plains, backswamps on flood plains, abandoned channels on flood plains	Yes	2
	frequently flooded areas		Abandoned channels on flood plains, flats on flood plains, backswamps on flood plains	Yes	2
SsA: Smothers silt loam, 0 to 2 percent slopes	Smothers	95	Ground moraines	No	—
	Pewamo	5	Depressions on ground moraines	Yes	2
	sandstone bedrock at a depth of 40 to 60 inches		—	—	—
SsB: Smothers silt loam, 2 to 4 percent slopes	Smothers	85	Ground moraines	No	—
	Pewamo	8	Depressions on ground moraines	Yes	2
	Loudonville	7	Hills	—	—
	sandstone bedrock at a depth of 40 to 60 inches		—	—	—

Hydric Soil List - All Components--OH041-Delaware County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
StA: Stone silty clay loam, 0 to 2 percent slopes	Stone	85	Stream terraces,outwash plains,outwash terraces	No	—
	Millgrove	15	Depressions on stream terraces,depressions on outwash plains,depressions on outwash terraces	Yes	2
	lighter colored surface layer		—	—	—
	limestone bedrock at a depth of 60 to 80 inches		—	—	—
SuA: Stone clay loam, 0 to 2 percent slopes, rarely flooded	Stone	85	Stream terraces,outwash plains,outwash terraces	No	—
	Millgrove	8	Depressions on outwash terraces,depressions on outwash plains,depressions on stream terraces	Yes	2
	Scioto	7	Stream terraces,kames,eskers,outwash terraces	—	—
	lighter colored surface layer		—	—	—
	limestone bedrock at a depth of 60 to 80 inches		—	—	—
Uc: Udorthents	Udorthents	100	—	Unranked	—
UdB: Udorthents, clayey-Urban land complex, undulating	Udorthents	45	—	Unranked	—
	Urban land	40	—	Unranked	—
	Pewamo	5	Drainageways on outwash terraces,drainageways on end moraines,drainageways on ground moraines	Yes	2
	Cardington	0-5	End moraines,ground moraines	—	—

Hydric Soil List - All Components--OH041-Delaware County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Bennington	0-5	Flats on ground moraines, flats on end moraines, rises on ground moraines, rises on end moraines	—	—
	Blount	0-5	Flats on ground moraines, flats on end moraines, rises on ground moraines, rises on end moraines	—	—
	Glynwood	0-5	End moraines, ground moraines	—	—
Up: Udorthents-Pits complex	Udorthents	50	—	Unranked	—
	Pits	35	—	Unranked	—
	Blount	0-5	Flats on ground moraines, flats on end moraines, rises on ground moraines, rises on end moraines	—	—
	Milton	0-5	Till plains	—	—
	Cardington	0-5	End moraines, ground moraines	—	—
	Glynwood	0-5	Ground moraines, end moraines	—	—
	Bennington	0-5	Flats on end moraines, flats on ground moraines, rises on ground moraines, rises on end moraines	—	—
	Amanda	0-5	End moraines, ground moraines	—	—
	Centerburg	0-5	Till plains, moraines	—	—
W: Water	Water	100	—	Unranked	—

## Data Source Information

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