

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—OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
AkA: Alvada loam, 0 to 1 percent slopes	Alvada	90	Drainageways on ground moraines, drainage ways on outwash plains, drainageways on deltas on lake plains, drainageways on lake plains, depressions on outwash plains, flats on lake plains, depressions on lake plains, depressions on deltas on lake plains, depressions on ground moraines	Yes	2
	Somewhat poorly drained soils	10	Rises on ground moraines, rises on lake plains, rises on outwash plains	No	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Areas underlain with lacustrine silts		Depressions on deltas on lake plains, depressions on lake plains, flats on lake plains, depressions on outwash plains, depressions on ground moraines, drainage ways on outwash plains, drainageways on ground moraines, drainage ways on lake plains, drainageways on deltas on lake plains	Yes	2
	Till at 20 to 40 inches		Depressions on outwash plains, depressions on ground moraines, depressions on deltas on lake plains, flats on lake plains, depressions on lake plains, drainageways on lake plains, drainageways on deltas on lake plains, drainageways on outwash plains, drainageways on ground moraines	Yes	2

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Silt loam surface layer		Depressions on deltas on lake plains, depressions on lake plains, depressions on outwash plains, depressions on ground moraines, drainage ways on deltas on lake plains, drainageways on outwash plains, flats on lake plains, drainageways on ground moraines, drainage ways on lake plains	Yes	2
	Clay loam surface layer		Depressions on lake plains, depressions on outwash plains, depressions on ground moraines, depressions on deltas on lake plains, drainageways on outwash plains, drainageways on ground moraines, drainage ways on lake plains, flats on lake plains, drainageways on deltas on lake plains	Yes	2

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Surface layer less than 10 inches thick		Depressions on outwash plains, depressions on ground moraines, depressions on deltas on lake plains, depressions on lake plains, drainageways on outwash plains, drainageways on ground moraines, drainageways on lake plains, drainageways on deltas on lake plains, flats on lake plains	Yes	2
	Loam till		Depressions on lake plains, flats on lake plains, depressions on outwash plains, depressions on ground moraines, depressions on deltas on lake plains, drainageways on outwash plains, drainageways on ground moraines, drainageways on lake plains, drainageways on deltas on lake plains	Yes	2
AmA: Alvada silty clay loam, 0 to 1 percent slopes	Alvada	90	Flats on lake plains, depressions on lake plains, depressions on ground moraines, depressions on deltas on lake plains, drainageways on lake plains, drainageways on ground moraines, drainageways on deltas on lake plains	Yes	2
	Somewhat poorly drained soils	10	Rises on ground moraines, rises on lake plains, rises on outwash plains	No	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Till at 20 to 40 inches		Flats on lake plains, depressions on lake plains, depressions on deltas on lake plains, depressions on ground moraines, drainage ways on ground moraines, drainage ways on lake plains, drainageways on deltas on lake plains	Yes	2
	Surface layer less than 10 inches thick		Depressions on deltas on lake plains, depressions on ground moraines, depressions on lake plains, drainageways on lake plains, drainageways on deltas on lake plains, drainageways on ground moraines, flats on lake plains	Yes	2
	Loam till		Depressions on deltas on lake plains, drainageways on ground moraines, flats on lake plains, depressions on ground moraines, depressions on lake plains, drainageways on lake plains, drainageways on deltas on lake plains	Yes	2
ArB: Arkport loamy fine sand, 2 to 6 percent slopes	Arkport	100	Dunes on deltas on lake plains, dunes on ground moraines, beach ridges on lake plains	No	—
	Soils without fine sandy loam layers in the subsoil		—	—	—
	More rock fragments in the substratum		—	—	—
	Moderately well drained soils		—	—	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
AuA: Aurand loam, 0 to 3 percent slopes	Aurand	85	Beach ridges,rises on ground moraines,flats on lake plains	No	—
	Alvada	8	Depressions on lake plains,depressions on ground moraines	Yes	2
	Loamy very poorly drained soils with till at 20 to 40 inches	5	Depressions on lake plains,depressions on ground moraines	Yes	2
	Hoytville soils at the margins of map units	1	Depressions on lake plains,drainageways on lake plains	Yes	2
	Shawtown soils in more sloping areas	1	Beach ridges on lake plains	—	—
	Sandy loam surface layer		—	—	—
	Surface layer less than 10 inches thick		—	—	—
	Till at 40 to 60 inches		—	—	—
	Silt loam surface layer		—	—	—
	Moderately well drained soils		—	—	—
AxA: Aurand silt loam, 0 to 3 percent slopes	Aurand	90	Beach ridges,rises on ground moraines,flats on lake plains	No	—
	Shawtown soils in more sloping areas	4	Beach ridges on lake plains	—	—
	Alvada	3	Depressions on lake plains,depressions on ground moraines	Yes	2
	Loamy very poorly drained soils with till at 20 to 40 inches	3	Depressions on lake plains,depressions on ground moraines	Yes	2
	Moderately well drained soils		—	—	—
	Till at 40 to 60 inches		—	—	—
	Loam surface layer		—	—	—
Ble1A1: Blount silt loam, end moraine, 0 to 2 percent slopes	Blount-End moraine	80-95	End moraines on till plains	No	—
	Glynwood-End moraine	0-12	End moraines on till plains	No	—
	Pewamo-End moraine	0-9	End moraines on till plains	Yes	2

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Ble1B1: Blount silt loam, end moraine, 2 to 4 percent slopes	Blount-End moraine	80-95	End moraines on till plains	No	—
	Glynwood-End moraine	0-12	End moraines on till plains	No	—
	Pewamo-End moraine	0-9	End moraines on till plains	Yes	2
Blg1A1: Blount silt loam, ground moraine, 0 to 2 percent slopes	Blount-Ground moraine	80-95	Ground moraines on till plains	No	—
	Pewamo-Ground moraine	0-12	Ground moraines on till plains	Yes	2
	Glynwood-Ground moraine	0-9	Ground moraines on till plains	No	—
Blg1B1: Blount silt loam, ground moraine, 2 to 4 percent slopes	Blount-Ground moraine	80-95	Ground moraines on till plains	No	—
	Pewamo-Ground moraine	0-12	Ground moraines on till plains	Yes	2
	Glynwood-Ground moraine	0-9	Ground moraines on till plains	No	—
BrA: Blount-Jenera complex, 0 to 3 percent slopes	Blount	55	Rises on ground moraines	No	—
	Jenera	40	Rises on ground moraines	No	—
	Pewamo	5	Drainageways on ground moraines, depressions on ground moraines	Yes	2
	Loamy somewhat poorly drained soils		—	—	—
	Blount soils with silt loam surface layer		Flats on ground moraines, flats on end moraines, rises on ground moraines, rises on end moraines	—	—
BsA: Blount-Urban land complex, 0 to 2 percent slopes	Blount	30-70	End moraines on till plains, ground moraines on till plains	No	—
	Urban land	20-60	Till plains	Unranked	—
	Aeric Epiaquents-Till substratum	0-15	Till plains	No	—
	Typic Endoaquents-Till substratum	0-9	Till plains	Yes	2

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
CyA: Cygnet loam, 0 to 3 percent slopes	Cygnet	90	Rises on ground moraines, glacial drainage channels, beach ridges on lake plains, rises on deltas on lake plains	No	—
	Alvada soils in depressions and at the margins of map units	10	Depressions on lake plains	Yes	2
	Moderately well drained soils with till at 20 to 40 inches		—	—	—
	Moderately well drained soils with till at 60 to 70 inches		—	—	—
	Somewhat poorly drained soils		—	—	—
DaA: Darroch loam, 0 to 2 percent slopes	Darroch	90	Rises on lake plains, flats on lake plains	No	—
	Rensselaer	10	Drainageways on lake plains, depressions on lake plains	Yes	2
	More silt and less sand in the subsoil		—	—	—
	Till at 40 to 80 inches		—	—	—
	Surface layer less than 10 inches thick		—	—	—
	Moderately well drained soils		—	—	—
EmB: Eldean silt loam, 1 to 4 percent slopes	Eldean	95	Stream terraces, rises on ground moraines, knolls on ground moraines	No	—
	Somewhat poorly drained soils	5	Drainageways on ground moraines, drainage ways on stream terraces, depressions on stream terraces, depressions on ground moraines	No	—
	Less clay in the subsoil		—	—	—
	Loam surface layer		—	—	—
	Thinner subsoil		—	—	—
	Darker colored surface layer		—	—	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	More silt and clay in the substratum		—	—	—
FdA: Flatrock silt loam, limestone substratum, 0 to 2 percent slopes, occasionally flooded	Flatrock	95-95	Rises on flood plains, flats on flood plains, natural levees on flood plains	No	—
	Sloan	5-5	Backswamps on flood plains	Yes	2
	Darker colored surface layer		—	—	—
	Loam surface layer		—	—	—
	Bedrock at 80 to 120 inches		—	—	—
	Somewhat poorly drained soils		—	—	—
	Well drained soils		—	—	—
	Bedrock at 40 to 60 inches		—	—	—
	More clay in the surface layer and subsoil		—	—	—
FnB: Fox loam, 2 to 6 percent slopes	Fox	90	Stream terraces, knolls on glacial drainage channels	No	—
	Houcktown soils at the margins of map units	5	Ground moraines	No	—
	Glynwood soils at the margins of map units	5	Ground moraines	No	—
	More silt and clay in the substratum		—	—	—
	Till at 60 to 80 inches		—	—	—
	Slopes of 0 to 2 percent		—	—	—
	More clay in the surface layer and subsoil		—	—	—
	Darker colored surface layer		—	—	—
FnD2: Fox loam, 12 to 18 percent slopes, eroded	Fox	100	Outwash plains	No	—
	Seasonal high water table at 4 to 6 feet		—	—	—

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	More silt and clay in the substratum		—	—	—
	Slopes of 6 to 12 percent		—	—	—
FoA: Fox silt loam, 0 to 2 percent slopes	Fox	100	Rises on glacial drainage channels	No	—
	Loam surface layer		—	—	—
	Thinner subsoil		—	—	—
	Slopes of 2 to 6 percent		—	—	—
	More silt and clay in the substratum		—	—	—
FpC2: Fox-Lybrand complex, 6 to 12 percent slopes, eroded	Fox	50	Knolls on end moraines, knolls on glacial drainage channels, stream terraces	No	—
	Lybrand	40	Knolls on glacial drainage channels, knolls on end moraines, stream terraces	No	—
	Severely eroded areas on similar landform positions	10	Stream terraces, knolls on end moraines, knolls on glacial drainage channels	No	—
	Loamy soils with subsoil 40 to 60 inches thick		—	—	—
	More silt and clay in the gravelly substratum		—	—	—
	Moderately well drained soils		—	—	—
GaA: Gallman loam, 0 to 2 percent slopes	Gallman	100	Rises on glacial drainage channels, rises on outwash plains	No	—
	Seasonal high water table at 4 to 6 feet		—	—	—
	Silt loam surface layer		—	—	—
	Less rock fragments in the subsoil		—	—	—
	Moderately well drained soils		—	—	—
	Sandy loam surface layer		—	—	—

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GaB: Gallman loam, 2 to 6 percent slopes	Gallman	90-100	Knolls on ground moraines, knolls on outwash plains, knolls on glacial drainage channels, end moraines	No	—
	Somewhat poorly drained soils at the base of slopes and in s	0-10	—	No	—
	Silt loam surface layer		—	—	—
	Darker colored surface layer		—	—	—
	Sandy loam or fine sandy loam surface layer		—	—	—
	Till at 60 to 80 inches		—	—	—
	Less clay and more sand in the subsoil		—	—	—
	Thinner subsoil		—	—	—
	Less rock fragments in the subsoil		—	—	—
	Slopes of 0 to 2 percent		—	—	—
	Moderately well drained soils		—	—	—
	Seasonal high water table at 4 to 6 feet		—	—	—
GaC: Gallman loam, 6 to 12 percent slopes	Gallman	100	Knolls on glacial drainage channels, knolls on outwash plains	No	—
	Till at 60 to 80 inches		—	—	—
	Sandy loam surface layer		—	—	—
	Seasonal high water table at 4 to 6 feet		—	—	—
	Silt loam surface layer		—	—	—
	Less rock fragments in the subsoil		—	—	—
GbA: Gallman silt loam, 0 to 2 percent slopes	Gallman	100	Rises on glacial drainage channels, rises on outwash plains	No	—
	Loam surface layer		—	—	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Moderately well drained soils		—	—	—
	Less rock fragments in the subsoil		—	—	—
GkA: Glynwood loam, 0 to 2 percent slopes	Glynwood	100	Rises on ground moraines	No	—
	Somewhat poorly drained soils with more sand and less clay i		—	—	—
	Silt loam surface layer		—	—	—
	Thicker subsoil		—	—	—
	Somewhat poorly drained soils		—	—	—
	More sand and less clay in the subsoil and substratum		—	—	—
GkB: Glynwood loam, 2 to 6 percent slopes	Glynwood	80-90	Ground moraines on till plains,end moraines on till plains	No	—
	Rawson	0-12	Ground moraines on till plains,end moraines on till plains	No	—
	Blount	0-9	Ground moraines on till plains,end moraines on till plains	No	—
	Pewamo	0-7	Ground moraines on till plains,end moraines on till plains	Yes	2
GuB: Glynwood-Urban land complex, 2 to 6 percent slopes	Glynwood	50	End moraines, knolls on ground moraines	No	—
	Urban land	45	Ground moraines,end moraines	Unranked	—
	Udorthents, loamy near buildings and roads	5	Knolls,ground moraines,end moraines	—	—
	Loam surface layer		—	—	—
	Somewhat poorly drained soils on slopes of 0 to 2 percent		—	—	—
	Thicker subsoil		—	—	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	More sand and less clay in the subsoil and substratum		—	—	—
	Eroded areas with a silty clay loam surface layer		—	—	—
Gwd1C1: Glynwood silt loam, 6 to 12 percent slopes	Glynwood	80-95	End moraines	No	—
	Blount	0-9	Flats on end moraines	No	—
	Pewamo	0-9	Depressions on end moraines	Yes	2
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	—
Gwe1B1: Glynwood silt loam, end moraine, 2 to 6 percent slopes	Glynwood-End moraine	80-90	End moraines on till plains	No	—
	Blount-End moraine	0-12	End moraines on till plains	No	—
	Pewamo	0-9	End moraines on till plains	Yes	2
Gwe5B2: Glynwood clay loam, end moraine, 2 to 6 percent slopes, eroded	Glynwood-End moraine	80-90	End moraines on till plains	No	—
	Blount-End moraine	0-12	End moraines on till plains	No	—
	Pewamo	0-9	End moraines on till plains	Yes	2
Gwg1B1: Glynwood silt loam, ground moraine, 2 to 6 percent slopes	Glynwood-Ground moraine	80-90	Ground moraines on till plains	No	—
	Blount-Ground moraine	0-12	Ground moraines on till plains	No	—
	Pewamo	0-9	Ground moraines on till plains	Yes	2
Gwg1C1: Glynwood silt loam, ground moraine, 6 to 12 percent slopes	Glynwood	75-95	Ground moraines	No	—
	Blount	0-9	Flats on ground moraines	No	—
	Pewamo	0-9	Depressions on till plains	Yes	2

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Gwg5B2: Glynwood clay loam, ground moraine, 2 to 6 percent slopes, eroded	Glynwood-Ground moraine	80-90	Ground moraines on till plains	No	—
	Blount-Ground moraine	0-12	Ground moraines on till plains,end moraines on till plains	No	—
	Pewamo	0-9	Ground moraines on till plains	Yes	2
Gwg5C2: Glynwood clay loam, ground moraine, 6 to 12 percent slopes, eroded	Glynwood	75-90	Ground moraines	No	—
	Blount	0-9	Flats on ground moraines	No	—
	Pewamo	0-9	Depressions on till plains	Yes	2
HcA: Hoytville silty clay loam, 0 to 1 percent slopes	Hoytville	85-98	Drainageways,flats,depressions	Yes	2
	Nappanee	2-15	Rises on lake plains	No	—
HgA: Harrod silt loam, 0 to 1 percent slopes, frequently flooded	Harrod	90-90	Flats on flood plains,natural levees on flood plains	No	—
	Very poorly drained soils with a thicker surface layer	0-10	Backswamps on flood plains	Yes	2
	Poorly drained and very poorly drained soils	0-10	Backswamps on flood plains	Yes	2
	Thinner surface layer		—	—	—
	Bedrock at 40 to 60 inches		—	—	—
	Loam surface layer		—	—	—
	Lighter colored surface layer		—	—	—
	Well drained soils		—	—	—
HpA: Houcktown sandy loam, 0 to 2 percent slopes	Houcktown	95	Rises on lake plains,rises on end moraines,rises on ground moraines	No	—
	Alvada	5	Depressions on lake plains,depressions on ground moraines	Yes	2
	Thicker subsoil		—	—	—
	Less clay in the substratum		—	—	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Seasonal high water table at 2 to 3.5 feet		—	—	—
	Somewhat poorly drained soils with a darker colored surface		—	—	—
	More clay and less sand in the subsoil		—	—	—
	Loam or silt loam surface layer		—	—	—
HpB: Houcktown sandy loam, 2 to 4 percent slopes	Houcktown	95	Knolls on ground moraines, knolls on end moraines, knolls on lake plains	No	—
	Alvada	5	Depressions on lake plains, depressions on ground moraines	Yes	2
	Loam or silt loam surface layer		—	—	—
	Less clay in the substratum		—	—	—
	More clay and less sand in the subsoil		—	—	—
	Somewhat poorly drained soils with a darker colored surface		—	—	—
	Seasonal high water table at 2 to 3.5 feet		—	—	—
	Slopes of 4 to 6 percent		—	—	—
	Deeper to carbonates		—	—	—
HrA: Houcktown loam, 0 to 2 percent slopes	Houcktown	95-95	Rises on end moraines, rises on ground moraines, rises on deltas on lake plains, rises on lake plains	No	—
	Pewamo	4-5	Depressions on end moraines, depressions on ground moraines	Yes	2
	Rarely flooded areas adjacent to the Blanchard River and its	0-1	—	No	—
	More clay and less sand in the subsoil		—	—	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Fine sandy loam or sandy loam surface layer		—	—	—
	Silt loam surface layer		—	—	—
	Less clay in the substratum		—	—	—
	Darker colored surface layer		—	—	—
	Somewhat poorly drained soils		—	—	—
	Seasonal high water table at 2 to 3.5 feet		—	—	—
	Till at 40 to 60 inches		—	—	—
	Clay loam surface layer		—	—	—
HrB: Houcktown loam, 2 to 6 percent slopes	Houcktown	90-100	Knolls on end moraines, knolls on lake plains, knolls on ground moraines, knolls on deltas on ground moraines	No	—
	Pewamo	0-6	Depressions on end moraines, depressions on ground moraines, depressions on lake plains, drainageways on end moraines, drainageways on ground moraines, drainageways on lake plains	Yes	2
	Mermill	0-3	Depressions on lake plains, drainageways on lake plains	Yes	2
	Rarely flooded areas adjacent to the Blanchard River and its	0-1	—	No	—
	Fine sandy loam or sandy loam surface layer		—	—	—
	Less clay in the substratum		—	—	—
	More clay and less sand in the subsoil		—	—	—
	Somewhat poorly drained soils		—	—	—

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Silt loam surface layer		—	—	—
	Till at 40 to 60 inches		—	—	—
	Clay loam surface layer		—	—	—
	Somewhat poorly drained soils with a darker colored surface		—	—	—
	Seasonal high water table at 2 to 3.5 feet		—	—	—
HsA: Houcktown silt loam, 0 to 2 percent slopes	Houcktown	95	Rises on lake plains,rises on ground moraines,rises on deltas on lake plains	No	—
	Alvada	5	Depressions on ground moraines,depressions on lake plains	Yes	2
	Thicker subsoil		—	—	—
	Seasonal high water table at 2 to 3.5 feet		—	—	—
	Till at 40 to 60 inches		—	—	—
	Somewhat poorly drained soils		—	—	—
	Loam surface layer		—	—	—
	More clay and less sand in the subsoil		—	—	—
	Less clay in the substratum		—	—	—
	Silty clay loam surface layer		—	—	—
HsB: Houcktown silt loam, 2 to 4 percent slopes	Houcktown	100	Knolls on end moraines,knolls on ground moraines	No	—
	More clay and less sand in the subsoil		—	—	—
	Less clay in the substratum		—	—	—
	Somewhat poorly drained soils		—	—	—
	Silty clay loam surface layer		—	—	—
	Till at 40 to 60 inches		—	—	—

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Loam surface layer		—	—	—
	Slopes of less than 2 percent		—	—	—
	Thicker subsoil		—	—	—
HtA: Hoytville silty clay, 0 to 1 percent slopes	Hoytville	85-98	Drainageways, flats, depressions	Yes	2
	Nappanee	2-15	Rises on lake plains	No	—
HuC2: Houcktown-Glynwood complex, 6 to 12 percent slopes, eroded	Houcktown	65	Ground moraines	No	—
	Glynwood	25	Ground moraines	No	—
	Severely eroded areas	5	Ground moraines	No	—
	Very poorly drained soils	5	Drainageways on ground moraines	Yes	2
	Thicker subsoil		—	—	—
	Seasonal high water table at 2 to 3.5 feet		—	—	—
	Darker colored surface layer		—	—	—
	Houcktown soils with more clay in the surface layer		—	—	—
	Slopes of 12 to 25 percent		—	—	—
	Areas underlain with lacustrine silts		—	—	—
	Glynwood soils with less clay in the substratum		—	—	—
	Slopes of 2 to 6 percent		—	—	—
	Till at 40 to 60 inches		—	—	—
	Somewhat poorly drained soils		—	—	—
KnA: Knoxdale silt loam, 0 to 2 percent slopes, occasionally flooded	Knoxdale	90	Natural levees on flood plains, rises on flood plains	No	—
	Shoals	5	Flood-plain steps on flood plains	No	—
	Saranac	5	Backswamps on flood plains	Yes	2
	More than 15 percent rock fragments in the lower part of the		—	—	—

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Moderately well drained soils		—	—	—
	Darker colored surface layer		—	—	—
	More sand in the subsoil		—	—	—
LbF: Lybrand silt loam, 20 to 55 percent slopes	Lybrand	100	End moraines,ground moraines	No	—
	Darker colored surface layer		—	—	—
	Less sloping areas		—	—	—
	More sand and less clay in the subsoil		—	—	—
	Moderately well drained soils in less sloping areas		—	—	—
LcD2: Lybrand silty clay loam, 12 to 20 percent slopes, eroded	Lybrand	90	Ground moraines,end moraines	No	—
	Severely eroded areas	10	Ground moraines,end moraines	No	—
	More sand and less clay in the subsoil		—	—	—
	Uneroded areas with silt loam surface layer		—	—	—
	Moderately well drained soils on less sloping areas		—	—	—
	Slopes of 6 to 12 percent		—	—	—
MbA: Medway silt loam, 0 to 2 percent slopes, occasionally flooded	Medway	95	Flats on flood plains	No	—
	Very poorly drained soils	5	Backswamps on flood plains	Yes	2
	More sand in the subsoil		—	—	—
	Somewhat poorly drained soils		—	—	—
	Surface layer less than 10 inches thick		—	—	—
	Well drained soils		—	—	—

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
MmA: Millsdale silty clay loam, 0 to 1 percent slopes	Millsdale	90-90	Flats on ground moraines, depressions on lake plains, depressions on ground moraines, depressions on monadnocks on ground moraines, drainage ways on ground moraines, drainage ways on monadnocks on ground moraines, drainage ways on lake plains, flats on monadnocks on ground moraines, flats on lake plains	Yes	2
	Randolph	0-8	Till plains	No	—
	Somewhat poorly drained soils	0-5	Rises on ground moraines	No	—
	Milton	0-5	Rises on ground moraines	No	—
	Rarely flooded areas adjacent to the Blanchard River and its	0-2	Flood plains	Yes	2
	Surface layer less than 10 inches thick		Flats on ground moraines, depressions on lake plains, depressions on monadnocks on ground moraines, depressions on ground moraines, drainage ways on lake plains, drainage ways on monadnocks on ground moraines, drainage ways on ground moraines, flats on monadnocks on ground moraines, flats on lake plains	Yes	2

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Bedrock at 40 to 60 inches		Flats on ground moraines, depressions on lake plains, depressions on monadnocks on ground moraines, depressions on ground moraines, drainage ways on lake plains, drainageways on monadnocks on ground moraines, drainage ways on ground moraines, flats on lake plains, flats on monadnocks on ground moraines	Yes	2
	Less clay in the subsoil		Depressions on lake plains, depressions on monadnocks on ground moraines, depressions on ground moraines, drainage ways on monadnocks on ground moraines, flats on monadnocks on ground moraines, flats on ground moraines, flats on lake plains, drainageways on ground moraines, drainage ways on lake plains	Yes	2

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Surface layer more than 24 inches thick		Depressions on monadnocks on ground moraines, depressions on ground moraines, depressions on lake plains, drainageways on ground moraines, flats on lake plains, flats on monadnocks on ground moraines, flats on ground moraines, drainage ways on lake plains, drainageways on monadnocks on ground moraines	Yes	2
	Bedrock at 10 to 20 inches		Depressions on monadnocks on ground moraines, depressions on ground moraines, depressions on lake plains, drainageways on monadnocks on ground moraines, flats on monadnocks on ground moraines, flats on ground moraines, flats on lake plains, drainageways on ground moraines, drainage ways on lake plains	Yes	2

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Lighter colored surface layer		Flats on monadnocks on ground moraines, flats on ground moraines, depressions on ground moraines, depressions on lake plains, depressions on monadnocks on ground moraines, drainage ways on ground moraines, drainage ways on lake plains, drainageways on monadnocks on ground moraines, flats on lake plains	Yes	2
	Silt loam or loam surface layer		Flats on monadnocks on ground moraines, depressions on monadnocks on ground moraines, depressions on ground moraines, depressions on lake plains, drainageways on ground moraines, drainage ways on lake plains, drainageways on monadnocks on ground moraines, flats on ground moraines, flats on lake plains	Yes	2
MnA: Milton loam, 0 to 2 percent slopes	Milton	95	Rises on ground moraines, flats on ground moraines	No	—
	Millsdale	5	Depressions on ground moraines	Yes	2
	Bedrock at 40 to 60 inches		—	—	—
	Somewhat poorly drained soils		Flats on ground moraines	No	—
NpA: Nappanee clay loam, 0 to 2 percent slopes	Nappanee	95	Rises on lake plains, flats on lake plains	No	—
	Hoytville	5	Depressions on lake plains, drainageways on lake plains	Yes	2

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Silt loam or silty clay loam surface layer		—	—	—
	Poorly drained soils		Lake plains	Yes	2
	Less clay in the subsoil and substratum		—	—	—
PaA: Patton silty clay loam, loamy substratum, 0 to 1 percent slopes	Patton	100	Drainageways on ground moraines, depressions on ground moraines	Yes	2
	Till at 40 to 80 inches		Drainageways on ground moraines, depressions on ground moraines	Yes	2
	Surface layer less than 10 inches thick		Drainageways on ground moraines, depressions on ground moraines	Yes	2
	More clay in the subsoil		Drainageways on ground moraines, depressions on ground moraines	Yes	2
PmA: Pewamo silty clay loam, 0 to 1 percent slopes	Pewamo	94-95	Depressions on end moraines, flats on lake plains, depressions on ground moraines, depressions on disintegration moraines, depressions on lake plains, drainageways on lake plains, drainageways on end moraines, drainageways on disintegration moraines, drainageways on ground moraines	Yes	2
	Blount	0-5	Ground moraines, end moraines	No	—
	Rarely flooded areas adjacent to the Blanchard River and its	0-1	Flood plains	Yes	2
	Elliott	0-2	Till plains	No	—

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Small closed depressions with 10 to 25 inches of silty overw		Depressions on disintegration moraines, depressions on ground moraines, flats on lake plains, depressions on lake plains, depressions on end moraines, drainage ways on disintegration moraines, drainage ways on ground moraines, drainage ways on end moraines, drainage ways on lake plains	Yes	2
	More clay in the lower part of the subsoil and in the substr		Depressions on disintegration moraines, depressions on ground moraines, depressions on lake plains, drainageways on end moraines, flats on lake plains, depressions on end moraines, drainage ways on lake plains, drainageways on disintegration moraines, drainage ways on ground moraines	Yes	2

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Less clay in the substratum		Flats on lake plains, depressions on ground moraines, depressions on lake plains, depressions on end moraines, depressions on disintegration moraines, drainage ways on disintegration moraines, drainage ways on ground moraines, drainage ways on end moraines, drainage ways on lake plains	Yes	2
	More silt and less clay in the subsoil		Depressions on end moraines, flats on lake plains, depressions on disintegration moraines, depressions on ground moraines, depressions on lake plains, drainageways on end moraines, drainage ways on lake plains, drainageways on disintegration moraines, drainage ways on ground moraines	Yes	2

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Surface layer less than 10 inches thick		Depressions on end moraines, depressions on disintegration moraines, flats on lake plains, depressions on ground moraines, depressions on lake plains, drainageways on lake plains, drainageways on disintegration moraines, drainage ways on ground moraines, drainage ways on end moraines	Yes	2
	Bedrock at 60 to 80 inches		Depressions on disintegration moraines, depressions on ground moraines, depressions on lake plains, drainageways on lake plains, flats on lake plains, depressions on end moraines, drainage ways on disintegration moraines, drainage ways on ground moraines, drainage ways on end moraines	Yes	2

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Clay or clay loam surface layer		Depressions on disintegration moraines, depressions on ground moraines, depressions on lake plains, depressions on end moraines, drainage ways on lake plains, drainageways on disintegration moraines, drainage ways on ground moraines, flats on lake plains, drainageways on end moraines	Yes	2
	Undrained areas of Pewamo soils in wooded areas		Flats on lake plains, depressions on lake plains, depressions on end moraines, depressions on disintegration moraines, depressions on ground moraines, drainage ways on end moraines, drainage ways on lake plains, drainageways on disintegration moraines, drainage ways on ground moraines	Yes	2

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Lighter colored surface layer		Depressions on end moraines, depressions on disintegration moraines, flats on lake plains, depressions on ground moraines, depressions on lake plains, drainageways on disintegration moraines, drainageways on ground moraines, drainageways on end moraines, drainageways on lake plains	Yes	2
	Silt loam surface layer		Depressions on disintegration moraines, depressions on ground moraines, depressions on lake plains, drainageways on disintegration moraines, flats on lake plains, depressions on end moraines, drainageways on ground moraines, drainageways on end moraines, drainageways on lake plains	Yes	2
PoA: Pewamo-Urban land complex, 0 to 2 percent slopes	Pewamo	55	Depressions on ground moraines, drainageways on ground moraines, drainageways on end moraines, depressions on end moraines	Yes	2
	Urban land	35	End moraines, ground moraines	Unranked	—
	Udorthents adjacent to buildings and roads	5	Ground moraines, end moraines	No	—
	Blount	5	Rises on ground moraines, rises on end moraines	No	—

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Less clay in the subsoil and substratum		Drainageways on ground moraines, drainage ways on end moraines, depressions on ground moraines, depressions on end moraines	Yes	2
	More clay in the lower part of the subsoil and in the substratum		Drainageways on ground moraines, drainage ways on end moraines, depressions on end moraines, depressions on ground moraines	Yes	2
	Silt loam surface layer		Depressions on ground moraines, drainage ways on ground moraines, drainage ways on end moraines, depressions on end moraines	Yes	2
	Surface layer less than 10 inches thick		Depressions on ground moraines, drainage ways on ground moraines, drainage ways on end moraines, depressions on end moraines	Yes	2
Pp: Pits, gravel	Pits, gravel	95	Outwash plains, glacial drainage channels	Unranked	—
	Fox soils at the margins of map units	5	Outwash plains, rises on glacial drainage channels, knolls on glacial drainage channels	No	—
Ps: Pits, lime	Pits, lime	95	Ground moraines	Unranked	—
	Udorthents, loamy adjacent to dikes	5	Ground moraines	No	—
Pt: Pits, quarry	Pits, quarry	95	Ground moraines	Unranked	—
	Udorthents, loamy near the margins of units	5	Ground moraines	No	—

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
RdA: Rensselaer loam, 0 to 1 percent slopes	Rensselaer	90	Depressions on glacial drainage channels, drainageways on glacial drainage channels	Yes	2
	Somewhat poorly drained soils	10	Rises on glacial drainage channels	No	—
	Sandy loam or silt loam surface layer		Depressions on glacial drainage channels, drainageways on glacial drainage channels	Yes	2
	More silt and less sand in the subsoil		Drainageways on glacial drainage channels, depressions on glacial drainage channels	Yes	2
	Surface layer less than 10 inches thick		Drainageways on glacial drainage channels, depressions on glacial drainage channels	Yes	2
ReA: Rensselaer loam, till substratum, 0 to 1 percent slopes	Rensselaer	90	Depressions on lake plains, flats on lake plains, depressions on deltas on lake plains, depressions on glacial drainage channels, depressions on ground moraines, drainageways on glacial drainage channels, drainageways on deltas on lake plains, drainageways on ground moraines, drainageways on lake plains	Yes	2
	Somewhat poorly drained soils	10	Rises on ground moraines, rises on lake plains	No	—

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Silt loam or sandy loam surface layer		Depressions on deltas on lake plains, depressions on ground moraines, depressions on lake plains, depressions on glacial drainage channels, drainageways on ground moraines, drainageways on lake plains, drainageways on glacial drainage channels, drainageways on deltas on lake plains, flats on lake plains	Yes	2
	Surface layer less than 10 inches thick		Depressions on deltas on lake plains, depressions on ground moraines, flats on lake plains, depressions on lake plains, depressions on glacial drainage channels, drainageways on glacial drainage channels, drainageways on deltas on lake plains, drainageways on ground moraines, drainageways on lake plains	Yes	2

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	More silt and less sand in the subsoil		Depressions on lake plains, depressions on glacial drainage channels, depressions on deltas on lake plains, drainageways on deltas on lake plains, flats on lake plains, depressions on ground moraines, drainage ways on ground moraines, drainage ways on lake plains, drainageways on glacial drainage channels	Yes	2
	Till at 40 to 60 inches		Depressions on deltas on lake plains, depressions on ground moraines, depressions on lake plains, depressions on glacial drainage channels, drainageways on lake plains, drainageways on glacial drainage channels, flats on lake plains, drainageways on deltas on lake plains, drainageways on ground moraines	Yes	2
	Gravelly strata in the substratum		Depressions on deltas on lake plains, depressions on ground moraines, depressions on lake plains, depressions on glacial drainage channels, drainageways on lake plains, drainageways on glacial drainage channels, drainageways on deltas on lake plains, flats on lake plains, drainageways on ground moraines	Yes	2

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
RgA: Rensselaer silt loam, 0 to 1 percent slopes	Rensselaer	90	Drainageways on glacial drainage channels, flats on lake plains, depressions on lake plains, depressions on glacial drainage channels, drainageways on lake plains	Yes	2
	Darroch	10	Rises on glacial drainage channels	No	—
	More silt and less sand in the subsoil		Drainageways on lake plains, flats on lake plains, depressions on glacial drainage channels, depressions on lake plains, drainageways on glacial drainage channels	Yes	2
	Clay loam surface layer		Depressions on lake plains, drainageways on lake plains, drainageways on glacial drainage channels, flats on lake plains, depressions on glacial drainage channels	Yes	2
	Surface layer less than 10 inches thick		Depressions on glacial drainage channels, depressions on lake plains, drainageways on glacial drainage channels, drainageways on lake plains, flats on lake plains	Yes	2
	Sandy loam or loam surface layer		Flats on lake plains, depressions on glacial drainage channels, depressions on lake plains, drainageways on glacial drainage channels, drainageways on lake plains	Yes	2

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
RoA: Roundhead muck, loamy substratum, 0 to 1 percent slopes	Roundhead	95	Depressions on ground moraines	Yes	2
	Patton	5	Drainageways on ground moraines, depressions on ground moraines	Yes	2
SbA: Saranac silty clay loam, 0 to 1 percent slopes, rarely flooded	Saranac	90	Backswamps on flood plains, flats on flood plains	Yes	2
	Somewhat poorly drained soils	10	Natural levees on flood plains	No	—
	Surface layer less than 10 inches thick		Flats on flood plains, backswamps on flood plains	Yes	2
	Poorly drained soils with a lighter colored surface layer		Backswamps on flood plains, flats on flood plains	Yes	2
ScA: Saranac silty clay loam, till substratum, 0 to 1 percent slopes, frequently flooded	Saranac	95	Backswamps on flood plains, flats on flood plains	Yes	2
	Knoxdale	5	Natural levees on flood plains	No	—
	Surface layer less than 10 inches thick		Flats on flood plains, backswamps on flood plains	Yes	2
	Soils with lighter colored overwash		Backswamps on flood plains, flats on flood plains	Yes	2
	Less clay and more sand in the subsoil		Backswamps on flood plains, flats on flood plains	Yes	2
	Till at 60 to 80 inches		Backswamps on flood plains, flats on flood plains	Yes	2
SdB: Seward loamy fine sand, deep phase, 0 to 5 percent slopes	Seward	100	Rises on ground moraines, knolls on ground moraines	No	—
	Till at 20 to 40 inches		—	—	—
	More clay in the upper part of the subsoil		—	—	—
	Sandy loam surface layer		—	—	—
	Less clay in the subsoil		—	—	—
SfB: Shawtown loam, 2 to 6 percent slopes	Shawtown	91-95	Knolls on beach ridges on lake plains	No	—
	Aurand	0-3	Flats on lake plains, beach ridges	—	—

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Lamberjack	0-5	Till plains,outwash plains	No	—
	Rarely flooded areas adjacent to the Blanchard River and its	0-4	—	No	—
	Houcktown	0-2	Knolls on ground moraines, knolls on end moraines	—	—
	Less clay and more sand in the subsoil		—	—	—
	Sandy loam or fine sandy loam surface layer		—	—	—
	Slopes of 0 to 2 percent		—	—	—
	Till at 40 to 50 inches		—	—	—
	Slopes of 6 to 12 percent		—	—	—
	Till below 80 inches		—	—	—
	Well drained soils		—	—	—
SgC2: Shinrock clay loam, 6 to 12 percent slopes, eroded	Shinrock	95	Lake plains	No	—
	Severely eroded areas	5	Lake plains	No	—
	More sand in the subsoil		—	—	—
	Uneroded areas with silt loam or loam surface layer		—	—	—
	Slopes of 2 to 6 percent		—	—	—
	Darker colored loam surface layer		—	—	—
ShA: 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: Shoals silt loam, till substratum, 0 to 1 percent slopes, occasionally flooded	Shoals	95	Flats on flood plains	No	—
	Blount soils at the margins of map units	5	Ground moraines,end moraines	No	—

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Moderately well drained soils		—	—	—
	More silt and less sand in the subsoil		—	—	—
	Darker colored surface layer		—	—	—
	Till at 40 to 60 inches		—	—	—
	Silty clay loam surface layer		—	—	—
SnA: Sleeth silt loam, 0 to 2 percent slopes	Sleeth	90	Stream terraces,rises on outwash plains,flats on outwash plains	No	—
	Westland	10	Depressions on outwash plains,drainageways on outwash plains	Yes	2
	Fine sandy loam surface layer		—	—	—
	Moderately well drained soils		—	—	—
	Loam surface layer		—	—	—
SoA: Sloan silty clay loam, 0 to 1 percent slopes, occasionally flooded	Sloan	90	Backswamps on flood plains,flats on flood plains	Yes	2
	Medway	5	Flats on flood plains	No	—
	Shoals	5	Flats on flood plains	No	—
	Surface layer less than 10 inches thick		Flats on flood plains,backswamps on flood plains	Yes	2
	Till at 60 to 80 inches		Backswamps on flood plains,flats on flood plains	Yes	2
	Lighter colored surface layer		Backswamps on flood plains,flats on flood plains	Yes	2
	More clay and less sand in the subsoil		Backswamps on flood plains,flats on flood plains	Yes	2
	Silt loam surface layer		Backswamps on flood plains,flats on flood plains	Yes	2
SrA: Sloan silty clay loam, till substratum, 0 to 1 percent slopes, frequently flooded	Sloan	90	Backswamps on flood plains,flats on flood plains	Yes	2
	Shoals	10	Flats on flood plains	No	—

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Till at 40 to 60 inches		Backswamps on flood plains, flats on flood plains	Yes	2
	Surface layer less than 10 inches thick		Backswamps on flood plains, flats on flood plains	Yes	2
	Limestone bedrock at 60 to 80 inches		Backswamps on flood plains, flats on flood plains	Yes	2
	Silt loam surface layer		Backswamps on flood plains, flats on flood plains	Yes	2
	Poorly drained soils with a lighter colored surface layer		Backswamps on flood plains, flats on flood plains	Yes	2
	Loam till		Backswamps on flood plains, flats on flood plains	Yes	2
ThB: Thackery sandy loam, sandy substratum, 1 to 3 percent slopes	Thackery	95	Knolls on outwash plains, knolls on stream terraces	No	—
	Westland	5	Depressions on outwash plains	Yes	2
	Silt loam or loam surface layer		—	—	—
	Till at 60 to 80 inches		—	—	—
	Somewhat poorly drained soils		—	—	—
	Well drained soils		—	—	—
TkA: Thackery loam, sandy substratum, 0 to 2 percent slopes	Thackery	100	Rises on outwash plains, rises on stream terraces, flats on outwash plains, flats on stream terraces	No	—
	Well drained soils		—	—	—
	Somewhat poorly drained soils		—	—	—
	Silt loam surface layer		—	—	—
	Sandy loam surface layer		—	—	—

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
TnA: Tiderishi loam, 0 to 2 percent slopes	Tiderishi	90	Flats on lake plains, flats on ground moraines, stream terraces, rises on lake plains	No	—
	Rensselaer	10	Drainageways on lake plains, depressions on lake plains	Yes	2
	Till at 20 to 40 inches		—	—	—
	Surface layer less than 10 inches thick		—	—	—
	More clay in the subsoil		—	—	—
	Lighter colored surface layer		—	—	—
	Moderately well drained soils		—	—	—
	Till at 60 to 80 inches		—	—	—
UdA: Udorthents, loamy, 0 to 2 percent slopes	Udorthents	75-90	Lake plains, ground moraines, end moraines	No	—
	Buildings, roads, and parking lots	0-10	—	Unranked	—
	Occasionally flooded areas	0-5	Flood plains	—	—
	Pewamo	0-5	Drainageways on ground moraines, depressions on ground moraines, depressions on end moraines, drainage ways on end moraines	Yes	2
	Areas of undisturbed soil	0-5	—	Unranked	—
	Rarely flooded areas adjacent to the Blanchard River and its	0-5	—	No	—
	Dense till at or near the surface	0-5	—	No	—
	More sand and rock fragments in the soil		—	—	—
	Slopes of 2 to 6 percent		—	—	—

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
UdD: Udorthents, loamy, 12 to 25 percent slopes	Udorthents	90	Ground moraines,lake plains,end moraines	No	—
	Poorly drained soils at the centers of cloverleaves	10	Depressions on end moraines,depressions on ground moraines,depressions on lake plains	Yes	2
	Less sloping areas on top of embankments and around pond sit		—	—	—
	Steeper areas around upground reservoirs		—	—	—
UrB: Urban land, undulating	Urban land	100	Ground moraines,lake plains,end moraines	Unranked	—
W: Water	Water	100	—	Unranked	—
WdA: Westland clay loam, 0 to 1 percent slopes	Westland	90	Glacial drainage channels,depressions on outwash plains,drainageways on outwash plains	Yes	2
	Somewhat poorly drained soils	10	Rises on glacial drainage channels,rises on outwash plains	No	—
	Silt loam or loam surface layer		Drainageways on outwash plains,glacial drainage channels,depressions on outwash plains	Yes	2
WeA: Westland-Rensselaer complex, 0 to 1 percent slopes	Westland	50-50	Drainageways on outwash plains,glacial drainage channels,depressions on outwash plains	Yes	2
	Rensselaer	40-40	Glacial drainage channels,depressions on outwash plains,drainageways on outwash plains	Yes	2
	Somewhat poorly drained soils	0-10	Rises on outwash plains,rises on glacial drainage channels	No	—
	Darroch	0-4	Till plains,outwash plains,lake plains	No	—

Hydric Soil List - All Components--OH003-Allen County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Lamberjack	0-4	Till plains,outwash plains	No	—
	Rarely flooded areas adjacent to the Blanchard River and its	0-2	Flood plains	Yes	2
	Silt loam surface layer		Glacial drainage channels,depressions on outwash plains,drainageways on outwash plains	Yes	2
	Till at 60 to 80 inches		Drainageways on outwash plains,glacial drainage channels,depressions on outwash plains	Yes	2
	Clay loam or silty clay loam surface layer		Depressions on outwash plains,drainageways on outwash plains,glacial drainage channels	Yes	2
	Surface layer less than 10 inches thick		Drainageways on outwash plains,glacial drainage channels,depressions on outwash plains	Yes	2
	Fine sandy loam surface layer		Depressions on outwash plains,drainageways on outwash plains,glacial drainage channels	Yes	2

Data Source Information

Soil Survey Area: Allen County, Ohio
 Survey Area Data: Version 14, Sep 18, 2014