Hydric Soils
Goodhue County, Minnesota

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Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
1027A:					
Coland-Spillville complex, 0 to 2 percent slopes, flooded	Coland, frequently flooded	50	Flood plains	Yes	2B3
	Fluvaquents, frequently flooded, ponded	5	Flood plains	Yes	2B3
1036A:					
Udipsamments, 0 to 2 percent slopes, frequently flooded	Udipsamments, frequently flooded	80	Flood plains	Yes	4
L171A:					
Merton silt loam, 1 to 3 percent slopes	Maxcreek	10	Ground moraines	Yes	2B3
L180A:					
Maxcreek silty clay loam, 0 to 2 percent slopes	Maxcreek	85	Flats, ground moraines	Yes	2B3
	Canisteo	10	Ground moraines	Yes	2B3
	Maxcreek, swales	3	Ground moraines	Yes	2B3
M505A:					
Klinger silt loam, 1 to 3 percent slopes	Maxfield	10	Till plains	Yes	2B3
M508A:					
Oran silt loam, 1 to 3 percent slopes	Clyde	5	Till plains	Yes	2B3
M510A:					
Maxfield silty clay loam, 0 to 2 percent slopes	Maxfield	93	Flats, till plains	Yes	2B3
	Maxfield, swales	2	Till plains	Yes	2B3
M511A:					
Readlyn silt loam, 1 to 3 percent slopes	Tripoli	3	Till plains	Yes	2B3
M518B:					
Clyde-Floyd complex, 1 to 4 percent slopes	Clyde	55	Drainageways, till plains	Yes	2B3
	Clyde, swales	5	Till plains	Yes	2B3
M525A:					
Dakota silt loam, 0 to 3 percent slopes	Marshan	5	Stream terraces	Yes	2B3
M532A:					
Maxfield silty clay loam, 0 to 2 percent slopes, occasionally flooded	Maxfield, occasionally flooded	70	Drainageways	Yes	2B3
	Colo, frequently flooded	15	Drainageways	Yes	2B3
	Maxfield	15	Drainageways	Yes	2B3

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N514B: Joy-Ossian, occasionally flooded, complex, 1 to 5 percent slopes	Ossian, occasionally flooded	20	Drainageways	Yes	2B3
	Otter, drainageway, frequently flooded	5	Drainageways	Yes	2B3
N522A: Otter silt loam, channeled upland, 0 to 2 percent slopes, frequently flooded	Otter, channeled upland, frequently flooded	85	Drainageways	Yes	2B3
N538C2: Waubeek and Massbach soils, 6 to 12 percent slopes, moderately eroded	Haverhill	5	Structural benches	Yes	2B3
N577A: Shandep-Cylinder complex, 0 to 2 percent slopes	Shandep	50	Flats, outwash plains, stream terraces, swales	Yes	2B3
	Biscay	10	Flats, outwash plains, stream terraces, swales	Yes	2B3
N602A: Joy silt loam, 1 to 3 percent slopes	Ossian, frequently flooded, very brief	5	Drainageways, loess hills	Yes	2B3
N611A: Calco silt loam, ponded, 0 to 1 percent slopes, frequently flooded	Calco, ponded, frequently flooded	85	Depressions, flood plains	Yes	3, 4, 2B3
	Calco, frequently flooded	10	Flood plains, rises	Yes	2B3, 4
	Klossner, ponded, frequently flooded	3	Depressions, flood plains	Yes	1
N612A: Calco silt loam, 0 to 2 percent slopes, frequently flooded	Calco, frequently flooded	95	Flats, flood plains	Yes	4, 2B3
	Calco, ponded, frequently flooded	3	Channels, flood plains	Yes	3, 2B3, 4
N613A: Calco-Udifluvents, loamy complex, 0 to 18 percent slopes, frequently flooded	Calco, frequently flooded	85	Flats, flood plains	Yes	2B3, 4
	Fluvaquents, ponded, frequently flooded	1	Channels, flood plains	Yes	2B3

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N614A:					
Kalmarville-Radford complex, 0 to 3 percent slopes, frequently flooded	Kalmarville, frequently flooded	50	Flood plains	Yes	2B3
	Otter, frequently flooded, ponded	5	Channels, flood plains	Yes	2B3
N615A:					
Otter silt loam, 0 to 2 percent slopes, occasionally flooded	Otter, occasionally flooded	75	Flood plains	Yes	2B3
	Otter, frequently flooded	15	Channels, flood plains	Yes	2B3
N616A:					
Littleton silt loam, 0 to 2 percent slopes, occasionally flooded	Otter, occasionally flooded	15	Flood plains	Yes	2B3
N619A:					
Kennebec-Lawson, channeled, complex, 0 to 3 percent slopes, flooded	Otter, frequently flooded	5	Channels, flood plains	Yes	2B3
N622A:					
Ankeny-Zumbro complex, 0 to 3 percent slopes, occasionally flooded	Kalmarville, frequently flooded	3	Flood plains	Yes	2B3, 4
N630B:					
Schapville-Shullsburg complex, 2 to 6 percent slopes	Haverhill	5	Loess hills	Yes	2B3
N630C2:					
Schapville-Shullsburg complex, 6 to 12 percent slopes, moderately eroded	Haverhill	5	Loess hills	Yes	2B3
N631D2:					
Schapville silt loam, 12 to 18 percent slopes, moderately eroded	Haverhill	5	Loess hills	Yes	2B3
N631E:					
Schapville silt loam, 18 to 35 percent slopes	Haverhill	5	Loess bluffs, valley sides	Yes	2B3
N632G:					
Brodale, flaggy-Schapville complex, 18 to 80 percent slopes	Haverhill	2	Loess bluffs, valley sides	Yes	2B3
N634E:					
Massbach-Schapville complex, 18 to 35 percent slopes	Otter, frequently flooded	2	Drainageways, loess hills, valley sides	Yes	2B3

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N636A:					
Houghton muck, ponded, 0 to 1 percent slopes	Houghton, ponded	80	Depressions, stream terraces	Yes	1, 3
	Medo, ponded	15	Depressions, stream terraces	Yes	3, 1
	Shandep	5	Rims, stream terraces	Yes	2B3
N637B:					
Klossner muck, seepy, 1 to 8 percent slopes	Klossner, seepy	75	Loess hills, seeps	Yes	1
	Garwin	10	Loess hills, seeps	Yes	2B3
	Houghton, seepy	10	Loess hills, seeps	Yes	1, 3

Explanation of hydric criteria codes:

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, or Andic, Cumulic, Pachic, or Vitrandic subgroups that:
   A. are somewhat poorly drained and have a water table at the surface (0.0 feet) during the growing season, or
   B. are poorly drained or very poorly drained and have either:
      1.) a water table at the surface (0.0 feet) during the growing season if textures are coarse sand, sand, or fine sand in all layers within a depth of 20 inches, or
      2.) a water table at a depth of 0.5 foot or less during the growing season if permeability is equal to or greater than 6.0 in/hr in all layers within a depth of 20 inches, or
      3.) a water table at a depth of 1.0 foot or less during the growing season if permeability is less than 6.0 in/hr in any layer within a depth of 20 inches.
3. Soils that are frequently ponded for long or very long duration during the growing season.
4. Soils that are frequently flooded for long or very long duration during the growing season.