

Water Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Harrison County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1C: Ida-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
1C3: Ida-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
1D: Ida-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
1D3: Ida-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
1E: Ida-----	Somewhat limited Seepage Slope	0.70 0.06	Very limited Piping	1.00	Very limited Deep to water	1.00
1E3: Ida-----	Somewhat limited Seepage Slope	0.70 0.06	Very limited Piping	1.00	Very limited Deep to water	1.00
1F: Ida-----	Somewhat limited Seepage Slope	0.70 0.28	Very limited Piping	1.00	Very limited Deep to water	1.00
1F3: Ida-----	Somewhat limited Seepage Slope	0.70 0.28	Very limited Piping	1.00	Very limited Deep to water	1.00
1G: Ida-----	Somewhat limited Slope Seepage	0.72 0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
2G: Hamburg-----	Very limited Slope Seepage	1.00 0.70	Very limited Piping	1.00	Very limited Deep to water	1.00

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
3D: Castana-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.68	Very limited Deep to water	1.00
3E: Castana-----	Somewhat limited Seepage Slope	0.70 0.06	Somewhat limited Piping	0.68	Very limited Deep to water	1.00
10: Monona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.32	Very limited Deep to water	1.00
10B: Monona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.32	Very limited Deep to water	1.00
10C: Monona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.32	Very limited Deep to water	1.00
10C2: Monona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.32	Very limited Deep to water	1.00
10D: Monona-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.32	Very limited Deep to water	1.00
10D2: Monona-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.32	Very limited Deep to water	1.00
10D3: Monona-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.32	Very limited Deep to water	1.00
10E: Monona-----	Somewhat limited Seepage Slope	0.70 0.06	Somewhat limited Piping	0.32	Very limited Deep to water	1.00
10E2: Monona-----	Somewhat limited Seepage Slope	0.70 0.06	Somewhat limited Piping	0.32	Very limited Deep to water	1.00

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
10E3: Monona-----	Somewhat limited Seepage Slope	0.70 0.06	Somewhat limited Piping	0.32	Very limited Deep to water	1.00
10F: Monona-----	Somewhat limited Seepage Slope	0.70 0.28	Somewhat limited Piping	0.32	Very limited Deep to water	1.00
10F2: Monona-----	Somewhat limited Seepage Slope	0.70 0.28	Somewhat limited Piping	0.32	Very limited Deep to water	1.00
10G: Monona-----	Somewhat limited Slope Seepage	0.72 0.70	Somewhat limited Piping	0.32	Very limited Deep to water	1.00
12B: Napier-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.68	Very limited Deep to water	1.00
12B+: Napier-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.68	Very limited Deep to water	1.00
12C: Napier-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.68	Very limited Deep to water	1.00
12D: Napier-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.68	Very limited Deep to water	1.00
17B: Napier-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.68	Very limited Deep to water	1.00
Nodaway-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10

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Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
22D3: Dow-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
Monona-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.32	Very limited Deep to water	1.00
22E3: Dow-----	Somewhat limited Seepage Slope	0.70 0.06	Very limited Piping	1.00	Very limited Deep to water	1.00
Monona-----	Somewhat limited Seepage Slope	0.70 0.06	Somewhat limited Piping	0.32	Very limited Deep to water	1.00
33D2: Steinauer-----	Somewhat limited Seepage Slope	0.05 0.01	Not limited		Very limited Deep to water	1.00
33E3: Steinauer-----	Somewhat limited Seepage Slope	0.05 0.04	Not limited		Very limited Deep to water	1.00
36: Salix-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.26	Very limited Deep to water	1.00
38: Blake-----	Somewhat limited Seepage	0.70	Somewhat limited Piping Depth to saturated zone	0.84 0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
Haynie-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
44: Blencoe-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.95 0.09	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.02
46: Keg-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
53: Riverwash-----	Not rated		Not rated		Not rated	
66: Luton-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 1.00	Very limited Slow refill Cutbanks cave	1.00 0.10
66+: Luton-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
67: Woodbury-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Hard to pack	1.00 0.59	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
70: Mcpaul-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
133: Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
133+: Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
137: Haynie-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
144: Blake-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.84	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
145: Onawa-----	Very limited Seepage	1.00	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Deep to water Cutbanks cave	0.25 0.10
146: Onawa-----	Very limited Seepage	1.00	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Deep to water Cutbanks cave	0.25 0.10
149: Modale-----	Somewhat limited Seepage	0.70	Very limited Hard to pack Depth to saturated zone	1.00 0.95	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.02
156: Albaton-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 1.00	Very limited Slow refill Cutbanks cave	1.00 0.10
157: Albaton-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
212: Kennebec-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.79	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
212+: Kennebec-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.99	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
220: Nodaway-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
237: Sarpy-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
237B: Sarpy-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
238: Sarpy-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
244: Blend-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Hard to pack	1.00 0.84	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
255: Cooper-----	Somewhat limited Seepage	0.70	Somewhat limited Hard to pack Depth to saturated zone	0.95 0.09	Very limited Slow refill Deep to water Cutbanks cave	1.00 0.54 0.10
275: Moville-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Hard to pack	1.00 0.97	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
315: Albaton-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 1.00	Very limited Slow refill Cutbanks cave	1.00 0.10

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Sarpy-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
436: Lakeport-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
446: Burcham-----	Somewhat limited Seepage	0.70	Somewhat limited Hard to pack Depth to saturated zone	0.99 0.09	Very limited Slow refill Deep to water Cutbanks cave	1.00 0.54 0.10
466: Solomon-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 1.00	Very limited Slow refill Cutbanks cave	1.00 0.10
514: Grable-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.99	Very limited Deep to water	1.00
515: Percival-----	Very limited Seepage	1.00	Somewhat limited Seepage Depth to saturated zone	0.62 0.43	Very limited Cutbanks cave Deep to water	1.00 0.25
516: Vore-----	Very limited Seepage	1.00	Somewhat limited Seepage Depth to saturated zone	0.94 0.43	Very limited Cutbanks cave Deep to water	1.00 0.25
538: Carr-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.20	Very limited Deep to water	1.00
549: Modale-----	Somewhat limited Seepage	0.70	Very limited Hard to pack Depth to saturated zone	1.00 0.95	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.02

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
550: Borrow Pits-----	Not rated		Not rated		Not rated	
553: Forney-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 1.00	Very limited Slow refill Cutbanks cave	1.00 0.10
717C: Napier-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.68	Very limited Deep to water	1.00
Gullied Land-----	Not rated		Not rated		Not rated	
844: Blake-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.84	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
849: Kenmoor-----	Very limited Seepage	1.00	Somewhat limited Seepage Depth to saturated zone	0.96 0.68	Very limited Deep to water	1.00
866: Luton-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 1.00	Very limited Slow refill Cutbanks cave	1.00 0.10
T10: Monona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.32	Very limited Deep to water	1.00
T10B: Monona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.32	Very limited Deep to water	1.00