

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.)

Sioux 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
1B3: 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
1D3: Ida-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
8B: Judson-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.11	Very limited Deep to water	1.00
11B: Radford-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.36	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
Judson-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.11	Very limited Deep to water	1.00
26: Kennebec-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.73	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
27B: Terril-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.21	Very limited Deep to water	1.00
28B: Dickman-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
28C2: Dickman-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
28D2: Dickman-----	Very limited Seepage Slope	1.00 0.01	Very limited Seepage	1.00	Very limited Deep to water	1.00

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31: Afton-----	Somewhat limited Seepage	0.57	Very limited Depth to saturated zone Hard to pack	1.00 0.23	Somewhat limited Slow refill Cutbanks cave	0.43 0.10
32: Spicer-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.92	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
33C2: Steinauer-----	Somewhat limited Seepage	0.05	Not limited		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
33E2: Steinauer-----	Somewhat limited Seepage Slope	0.05 0.04	Not limited		Very limited Deep to water	1.00
33G: Steinauer-----	Somewhat limited Slope Seepage	0.45 0.05	Not limited		Very limited Deep to water	1.00
54: Zook-----	Somewhat limited Seepage	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.99	Somewhat limited Slow refill Cutbanks cave	0.95 0.10
72: Estherville-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.98	Very limited Deep to water	1.00
72B: Estherville-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.98	Very limited Deep to water	1.00
72D2: Estherville-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.98	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
78B2: Sac-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
78C2: Sac-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
78D2: Sac-----	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00
91: Primghar-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.01	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
91B: Primghar-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.01	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
92: Marcus-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
108: Wadena-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
108B: Wadena-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
116: Graceville-----	Very limited Seepage	1.00	Somewhat limited Seepage Piping	0.98 0.97	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

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
203: Cylinder-----	Very limited Seepage	1.00	Somewhat limited Seepage Depth to saturated zone	0.85 0.43	Very limited Cutbanks cave Deep to water	1.00 0.25
259: Biscay-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 0.24	Very limited Cutbanks cave	1.00
308: Wadena-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
308B: Wadena-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
309: Allendorf-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
309B: Allendorf-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
309B2: Allendorf-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
309C2: Allendorf-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
310: Galva-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
310B: Galva-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
310B2: Galva-----	Somewhat limited Seepage	0.70	Not limited		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
310C2: Galva-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
310D2: Galva-----	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00
401B3: Crofton-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.12	Very limited Deep to water	1.00
401C3: Crofton-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.12	Very limited Deep to water	1.00
401D3: Crofton-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.12	Very limited Deep to water	1.00
401E3: Crofton-----	Somewhat limited Seepage Slope	0.70 0.04	Somewhat limited Piping	0.12	Very limited Deep to water	1.00
410: Moody-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.16	Very limited Deep to water	1.00
410B: Moody-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.16	Very limited Deep to water	1.00
410B2: Moody-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.16	Very limited Deep to water	1.00
410C2: Moody-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.16	Very limited Deep to water	1.00
410D2: Moody-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.16	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
428B: Ely-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.43 0.15	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
467: Radford-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.36	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
474: Bolan-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
474B: Bolan-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
474B2: Bolan-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
474C2: Bolan-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
474D2: Bolan-----	Very limited Seepage Slope	1.00 0.01	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
485: Spillville-----	Very limited Seepage	1.00	Somewhat limited Piping	0.75	Somewhat limited Deep to water Cutbanks cave	0.81 0.10
486: Davis-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.88	Very limited Deep to water	1.00
615: 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
Spillville-----	Very limited Seepage	1.00	Somewhat limited Piping	0.75	Somewhat limited Deep to water Cutbanks cave	0.81 0.10
670: Rawles-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.84	Very limited Deep to water	1.00
733: Calco-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
785: Spillco-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.41	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
801B2: Boln Variant-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.08	Very limited Deep to water	1.00
801C2: Boln Variant-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.09	Very limited Deep to water	1.00
801D2: Boln Variant-----	Very limited Seepage Slope	1.00 0.01	Somewhat limited Seepage	0.09	Very limited Deep to water	1.00
801F: Boln Variant-----	Very limited Seepage Slope	1.00 0.12	Somewhat limited Seepage	0.08	Very limited Deep to water	1.00
810: Galva-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
810B: Galva-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
810B2: Galva-----	Somewhat limited Seepage	0.70	Not limited		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
812: Moody-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.13	Very limited Deep to water	1.00
812B: Moody-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.13	Very limited Deep to water	1.00
812B2: Moody-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.13	Very limited Deep to water	1.00
878B: Ocheyedan-----	Somewhat limited Seepage	0.70	Somewhat limited Piping Seepage	0.99 0.07	Very limited Deep to water	1.00
878B2: Ocheyedan-----	Somewhat limited Seepage	0.70	Somewhat limited Piping Seepage	0.99 0.07	Very limited Deep to water	1.00
878C2: Ocheyedan-----	Somewhat limited Seepage	0.70	Somewhat limited Piping Seepage	0.99 0.07	Very limited Deep to water	1.00
5010: Pits-----	Not rated		Not rated		Not rated	
5040: Orthents-----	Not rated		Not rated		Not rated	
5044: Fluvaquents-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00 1.00	Somewhat limited Cutbanks cave	0.10
W: Water-----	Not rated		Not rated		Not rated	