

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.)

Pottawattamie 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 Depth to water	1.00
1C3: Ida-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Depth to water	1.00
1D: Ida-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Depth to water	1.00
1D3: Ida-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Depth to water	1.00
1E: Ida-----	Somewhat limited Seepage Slope	0.70 0.06	Very limited Piping	1.00	Very limited Depth to water	1.00
1E3: Ida-----	Somewhat limited Seepage Slope	0.70 0.06	Very limited Piping	1.00	Very limited Depth to water	1.00
1F: Ida-----	Somewhat limited Seepage Slope	0.70 0.28	Very limited Piping	1.00	Very limited Depth to water	1.00
1F3: Ida-----	Somewhat limited Seepage Slope	0.70 0.28	Very limited Piping	1.00	Very limited Depth to water	1.00
1G: Ida-----	Somewhat limited Slope Seepage	0.72 0.70	Very limited Piping	1.00	Very limited Depth to water	1.00
2G: Hamburg-----	Very limited Slope Seepage	1.00 0.70	Very limited Piping	1.00	Very limited Depth to water	1.00

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Pottawattamie County, Iowa

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
3E: Castana-----	Somewhat limited Seepage Slope	0.70 0.03	Somewhat limited Piping	0.68	Very limited Depth to water	1.00
8B: Judson-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.05	Very limited Depth to water	1.00
8C: Judson-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.05	Very limited Depth to water	1.00
9: Marshall-----	Somewhat limited Seepage	0.70	Not limited		Very limited Depth to water	1.00
9B: Marshall-----	Somewhat limited Seepage	0.70	Not limited		Very limited Depth to water	1.00
9C: Marshall-----	Somewhat limited Seepage	0.70	Not limited		Very limited Depth to water	1.00
9C2: Marshall-----	Somewhat limited Seepage	0.70	Not limited		Very limited Depth to water	1.00
9D: Marshall-----	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Depth to water	1.00
9D2: Marshall-----	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Depth to water	1.00
10: Monona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.27	Very limited Depth to water	1.00
10B: Monona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.27	Very limited Depth to water	1.00

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Pottawattamie County, Iowa

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
10C: Monona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.27	Very limited Depth to water	1.00
10C2: Monona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.32	Very limited Depth to water	1.00
10C3: Monona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.32	Very limited Depth to water	1.00
10D: Monona-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.27	Very limited Depth to water	1.00
10D2: Monona-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.32	Very limited Depth to water	1.00
10D3: Monona-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.32	Very limited Depth to water	1.00
10E: Monona-----	Somewhat limited Seepage Slope	0.70 0.06	Somewhat limited Piping	0.27	Very limited Depth to water	1.00
10E2: Monona-----	Somewhat limited Seepage Slope	0.70 0.06	Somewhat limited Piping	0.32	Very limited Depth to water	1.00
10E3: Monona-----	Somewhat limited Seepage Slope	0.70 0.06	Somewhat limited Piping	0.32	Very limited Depth to water	1.00
10F: Monona-----	Somewhat limited Seepage Slope	0.70 0.28	Somewhat limited Piping	0.27	Very limited Depth to water	1.00

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Pottawattamie 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
10G: Monona-----	Somewhat limited Slope Seepage	0.72 0.70	Somewhat limited Piping	0.27	Very limited Depth to water	1.00
11B: Ackmore-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.04	Somewhat limited Slow refill Cutbanks cave Depth to water	0.30 0.10 0.01
Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
Judson-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.27	Very limited Depth to water	1.00
12B: Napier-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.68	Very limited Depth to water	1.00
12C: Napier-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.68	Very limited Depth to water	1.00
12D: Napier-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.68	Very limited Depth to water	1.00
22C3: Dow-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Depth to water	1.00
22D3: Dow-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Depth to water	1.00
22E3: Dow-----	Somewhat limited Seepage Slope	0.70 0.06	Very limited Piping	1.00	Very limited Depth to water	1.00

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Pottawattamie 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
24D2: Shelby-----	Somewhat limited Seepage Slope	0.05 0.01	Not limited		Very limited Depth to water	1.00
24E2: Shelby-----	Somewhat limited Seepage Slope	0.05 0.04	Not limited		Very limited Depth to water	1.00
24E3: Shelby-----	Somewhat limited Seepage Slope	0.05 0.04	Not limited		Very limited Depth to water	1.00
33D2: Steinauer-----	Somewhat limited Seepage Slope	0.05 0.01	Not limited		Very limited Depth to water	1.00
33E2: Steinauer-----	Somewhat limited Seepage Slope	0.05 0.04	Not limited		Very limited Depth to water	1.00
36: Salix-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.29	Very limited Depth to water	1.00
43: Bremer-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Hard to pack	1.00 0.42	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
44: Blencoe-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
46: Keg-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Depth to water	1.00

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Pottawattamie 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
54: Zook-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 1.00	Somewhat limited Slow refill Cutbanks cave	0.95 0.10
54+: Zook-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.93	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
60D2: Malvern-----	Somewhat limited Seepage Slope	0.05 0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.50	Somewhat limited Slow refill Cutbanks cave Depth to water	0.95 0.10 0.01
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
70: Mcpaul-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Depth to water	1.00
76C: Ladoga-----	Somewhat limited Seepage	0.70	Not limited		Very limited Depth to water	1.00
76D: Ladoga-----	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Depth to water	1.00
76F: Ladoga-----	Somewhat limited Seepage Slope	0.70 0.12	Not limited		Very limited Depth to water	1.00

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Pottawattamie 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
88: Nevin-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.30
					Depth to water	0.25
					Cutbanks cave	0.10
93D2: Shelby-----	Somewhat limited Seepage	0.05	Not limited		Very limited Depth to water	1.00
	Slope	0.01				
Adair-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
	Slope	0.01			Cutbanks cave	0.10
					Depth to water	0.01
93D3: Shelby-----	Somewhat limited Seepage	0.05	Not limited		Very limited Depth to water	1.00
	Slope	0.01				
Adair-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
	Slope	0.01			Cutbanks cave	0.10
					Depth to water	0.01
99C2: Exira-----	Somewhat limited Seepage	0.70	Not limited		Very limited Depth to water	1.00
99D2: Exira-----	Somewhat limited Seepage	0.70	Not limited		Very limited Depth to water	1.00
	Slope	0.01				
99D3: Exira-----	Somewhat limited Seepage	0.70	Not limited		Very limited Depth to water	1.00
	Slope	0.01				
99E2: Exira-----	Somewhat limited Seepage	0.70	Not limited		Very limited Depth to water	1.00
	Slope	0.06				

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Pottawattamie County, Iowa

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
99E3: Exira-----	Somewhat limited Seepage Slope	0.70 0.06	Not limited		Very limited Depth 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
137: Haynie-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Depth to water	1.00
144: Blake-----	Somewhat limited Seepage	0.70	Somewhat limited Piping Depth to saturated zone	0.57 0.43	Somewhat limited Slow refill Depth to water Cutbanks cave	0.30 0.25 0.10
146: Onawa-----	Very limited Seepage	1.00	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Depth to water Cutbanks cave	0.25 0.10
149: Modale-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Hard to pack	0.95 0.82	Very limited Slow refill Cutbanks cave Depth 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

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Pottawattamie 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
156+: 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
179F: Gara-----	Somewhat limited Slope Seepage	0.06 0.05	Somewhat limited Piping	0.11	Very limited Depth to water	1.00
192C2: Adair-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Depth to water	0.95 0.10 0.01
192D2: Adair-----	Somewhat limited Seepage Slope	0.05 0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Depth to water	0.95 0.10 0.01
212: Kennebec-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.56	Very limited Depth to water	1.00
212+: Kennebec-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.95	Very limited Depth to water	1.00
220: Nodaway-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Depth to water	1.00
222D2: Clarinda-----	Somewhat limited Seepage Slope	0.01 0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.86	Somewhat limited Slow refill Cutbanks cave	0.95 0.10
234: Nishna-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.78	Very limited Slow refill Cutbanks cave	1.00 0.10

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Pottawattamie County, Iowa

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
237: Sarpy-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.30	Very limited Depth to water	1.00
255: Cooper-----	Somewhat limited Seepage	0.70	Somewhat limited Hard to pack Depth to saturated zone	0.90 0.09	Very limited Slow refill Depth to water Cutbanks cave	1.00 0.54 0.10
275: Merville-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Hard to pack	1.00 0.82	Somewhat limited Slow refill Cutbanks cave Depth to water	0.30 0.10 0.01
430: Ackmore-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.04	Somewhat limited Slow refill Cutbanks cave Depth to water	0.30 0.10 0.01
436: Lakeport-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Depth to water Cutbanks cave	0.30 0.25 0.10
509: Marshall-----	Somewhat limited Seepage	0.70	Not limited		Very limited Depth to water	1.00
509B: Marshall-----	Somewhat limited Seepage	0.70	Not limited		Very limited Depth to water	1.00
509C2: Marshall-----	Somewhat limited Seepage	0.70	Not limited		Very limited Depth to water	1.00
510: Monona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.27	Very limited Depth 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
510B: Monona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.27	Very limited Depth to water	1.00
510C2: Monona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.32	Very limited Depth to water	1.00
514: Grable-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.13	Very limited Depth to water	1.00
515: Percival-----	Very limited Seepage	1.00	Somewhat limited Depth to saturated zone Seepage	0.43 0.13	Very limited Cutbanks cave Depth to water	1.00 0.25
670: Rawles-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.81	Very limited Depth to water	1.00
717C: Napier-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.68	Very limited Depth to water	1.00
Gullied Land-----	Not rated		Not rated		Not rated	
1233: Corley-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Ponding	1.00 1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
1299: Minden-----	Somewhat limited Seepage	0.70	Not limited		Somewhat limited Depth to water Slow refill Cutbanks cave	0.81 0.30 0.10
4001C: Ida-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Depth 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
Urban Land-----	Not rated		Not rated		Not rated	
4001D: Ida-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Depth to water	1.00
Urban Land-----	Not rated		Not rated		Not rated	
4001E: Ida-----	Somewhat limited Seepage Slope	0.70 0.06	Very limited Piping	1.00	Very limited Depth to water	1.00
Urban Land-----	Not rated		Not rated		Not rated	
4012B: Napier-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.68	Very limited Depth to water	1.00
Urban Land-----	Not rated		Not rated		Not rated	
4046: Keg-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Depth to water	1.00
Urban Land-----	Not rated		Not rated		Not rated	

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
4156: 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
Urban Land-----	Not rated		Not rated		Not rated	
4170C: Castana-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.68	Very limited Depth to water	1.00
Urban Land-----	Not rated		Not rated		Not rated	
4237: Sarpy-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.30	Very limited Depth to water	1.00
Urban Land-----	Not rated		Not rated		Not rated	
4255: Cooper-----	Somewhat limited Seepage	0.70	Somewhat limited Hard to pack Depth to saturated zone	0.74 0.09	Very limited Slow refill Depth to water Cutbanks cave	1.00 0.54 0.10
Urban Land-----	Not rated		Not rated		Not rated	

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
5030: Pits-----	Not rated		Not rated		Not rated	
5040: Orthents-----	Not rated		Not rated		Not rated	
5053: Psammaquents-----	Very limited Seepage	1.00	Not Rated Not Rated Not Rated Depth to saturated zone	1.00	Very limited Cutbanks cave	1.00
5080: Orthents-----	Not rated		Not rated		Not rated	
INT: Intermittent Water--	Not rated		Not rated		Not rated	
SL: Sewage Lagoon-----	Not rated		Not rated		Not rated	
W: Water-----	Not rated		Not rated		Not rated	

USDA-NRCS, IOWA

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