

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.)

Muscatine 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
41: Sparta-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
41B: Sparta-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
41D: Sparta-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
51B: Vesser-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.05	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
63B: Chelsea-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.96	Very limited Deep to water	1.00
63C: Chelsea-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.96	Very limited Deep to water	1.00
63D: Chelsea-----	Very limited Seepage Slope	1.00 0.01	Somewhat limited Seepage	0.96	Very limited Deep to water	1.00
63E: Chelsea-----	Very limited Seepage Slope	1.00 0.12	Somewhat limited Seepage	0.96	Very limited Deep to water	1.00
63G: Chelsea-----	Very limited Seepage Slope	1.00 0.72	Somewhat limited Seepage	0.96	Very limited Deep to water	1.00
65D2: Lindley-----	Somewhat limited Seepage	0.05	Somewhat limited Piping	0.39	Very limited Deep to water	1.00
65E2: Lindley-----	Somewhat limited Seepage Slope	0.05 0.04	Somewhat limited Piping	0.39	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
65F: Lindley-----	Somewhat limited Slope Seepage	0.18 0.05	Somewhat limited Piping	0.39	Very limited Deep to water	1.00
65G: Lindley-----	Somewhat limited Slope Seepage	0.64 0.05	Somewhat limited Piping	0.39	Very limited Deep to water	1.00
118: Garwin-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
119: Muscatine-----	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
120B: Tama-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.02	Very limited Deep to water	1.00
120B2: Tama-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
120C: Tama-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.02	Very limited Deep to water	1.00
120C2: Tama-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
120C3: Tama-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
120D2: Tama-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.29	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
120D3: Tama-----	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00
122: Sperry-----	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
133B: Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
135B: Coland-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00 0.11	Somewhat limited Cutbanks cave	0.10
136: Ankeny-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.99	Very limited Deep to water	1.00
139: Perks-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.98	Very limited Deep to water	1.00
141: Watseka-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 0.99	Very limited Cutbanks cave Deep to water	1.00 0.01
152: Marshan-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 1.00	Very limited Cutbanks cave	1.00

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
160: Walford-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.30
					Cutbanks cave	0.10
162B: Downs-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.03	Very limited Deep to water	1.00
162C: Downs-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.03	Very limited Deep to water	1.00
162C2: Downs-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
162C3: Downs-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
162D2: Downs-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.04	Very limited Deep to water	1.00
162D3: Downs-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
163B: Fayette-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.05	Very limited Deep to water	1.00
163C: Fayette-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.05	Very limited Deep to water	1.00
163C2: Fayette-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.05	Very limited Deep to water	1.00
163D: Fayette-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.01	Very limited Deep to water	1.00

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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
163D2: Fayette-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
163E: Fayette-----	Somewhat limited Seepage Slope	0.70 0.04	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
163E2: Fayette-----	Somewhat limited Seepage Slope	0.70 0.04	Somewhat limited Piping	0.02	Very limited Deep to water	1.00
163F: Fayette-----	Somewhat limited Seepage Slope	0.70 0.18	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
163G: Fayette-----	Somewhat limited Seepage Slope	0.70 0.64	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
164: Traer-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
165: Stronghurst-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.66	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
173: Hoopeston-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 0.98	Very limited Cutbanks cave Deep to water	1.00 0.01
174: Bolan-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.18	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
174B: Bolan-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.18	Very limited Deep to water	1.00
175: Dickinson-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.41	Very limited Deep to water	1.00
175B: Dickinson-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.41	Very limited Deep to water	1.00
175C: Dickinson-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.41	Very limited Deep to water	1.00
179D2: Gara-----	Somewhat limited Seepage Slope	0.05 0.01	Not limited		Very limited Deep to water	1.00
179F: Gara-----	Somewhat limited Slope Seepage	0.12 0.05	Not limited		Very limited Deep to water	1.00
212: Kennebec-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.70	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
249B: Zwingle-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.88	Very limited Deep to water	1.00
291: Atterberry-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.72	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
291B: Atterberry-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.72	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
293G: Chelsea-----	Very limited Seepage Slope	1.00 0.64	Somewhat limited Seepage	0.67	Very limited Deep to water	1.00
Fayette-----	Somewhat limited Seepage Slope	0.70 0.64	Not limited		Very limited Deep to water	1.00
313G: Gosport-----	Somewhat limited Slope Depth to bedrock	0.45 0.11	Very limited Hard to pack Depth to saturated zone Thin layer	1.00 0.95 0.86	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.02
315: Aquolls-----	Not rated		Not rated		Not rated	
352B: Whittier-----	Very limited Seepage	1.00	Somewhat limited Piping Seepage	0.95 0.49	Very limited Deep to water	1.00
352C: Whittier-----	Very limited Seepage	1.00	Somewhat limited Piping Seepage	0.95 0.49	Very limited Deep to water	1.00
352C2: Whittier-----	Very limited Seepage	1.00	Somewhat limited Piping Seepage	0.95 0.70	Very limited Deep to water	1.00
352D2: Whittier-----	Very limited Seepage Slope	1.00 0.01	Somewhat limited Piping Seepage	0.95 0.49	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
450B: Pillot-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.49	Very limited Deep to water	1.00
450C2: Pillot-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.49	Very limited Deep to water	1.00
467: Radford-----	Somewhat limited Seepage	0.70	Very limited Piping Depth to saturated zone	1.00 1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
467B: Radford-----	Somewhat limited Seepage	0.70	Very limited Piping Depth to saturated zone	1.00 1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
479G: Gale-----	Very limited Seepage Slope Depth to bedrock	1.00 0.45 0.11	Somewhat limited Thin layer Piping	0.86 0.77	Very limited Deep to water	1.00
480C2: Orwood-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.50	Very limited Deep to water	1.00
480D2: Orwood-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.50	Very limited Deep to water	1.00
480F2: Orwood-----	Somewhat limited Seepage Slope	0.70 0.12	Somewhat limited Piping	0.50	Very limited Deep to water	1.00
481D2: Russell-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.86	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
481E2: Russell-----	Somewhat limited Seepage Slope	0.70 0.04	Somewhat limited Piping	0.86	Very limited Deep to water	1.00
485: Spillville-----	Very limited Seepage	1.00	Somewhat limited Piping	0.68	Somewhat limited Deep to water Cutbanks cave	0.81 0.10
485B: Spillville-----	Very limited Seepage	1.00	Somewhat limited Piping	0.68	Somewhat limited Deep to water Cutbanks cave	0.81 0.10
488C2: Newvienna-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.24 0.03	Somewhat limited Deep to water Slow refill Cutbanks cave	0.38 0.30 0.10
488C3: Newvienna-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.24 0.05	Somewhat limited Deep to water Slow refill Cutbanks cave	0.38 0.30 0.10
488D2: Newvienna-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Depth to saturated zone Piping	0.24 0.06	Somewhat limited Deep to water Slow refill Cutbanks cave	0.38 0.30 0.10
488D3: Newvienna-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Depth to saturated zone Piping	0.24 0.08	Somewhat limited Deep to water Slow refill Cutbanks cave	0.38 0.30 0.10
490: Caneek-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.93	Somewhat limited Slow refill Cutbanks cave	0.30 0.10

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539: Perks-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.49	Very limited Deep to water	1.00
566B: Moingona-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
566C: Moingona-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
567B: Moingona Variant----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.30
					Deep to water Cutbanks cave	0.25 0.10
623C2: Rozetta-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.61	Very limited Deep to water	1.00
623D2: Rozetta-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.61	Very limited Deep to water	1.00
653: Tuskeego-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 0.45	Very limited Cutbanks cave	1.00
680G: Lindley-----	Somewhat limited Slope Seepage	0.45 0.05	Somewhat limited Piping	0.51	Very limited Deep to water	1.00
Douds-----	Very limited Seepage Slope	1.00 0.45	Somewhat limited Seepage	0.12	Very limited Deep to water	1.00
Orwood-----	Somewhat limited Seepage Slope	0.70 0.45	Somewhat limited Piping	0.50	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
684: Elrick-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
727: Udolpho-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 0.95	Very limited Cutbanks cave	1.00
753B: Thebes-----	Very limited Seepage	1.00	Very limited Piping Seepage	1.00 0.45	Very limited Deep to water	1.00
753C: Thebes-----	Very limited Seepage	1.00	Very limited Piping Seepage	1.00 0.45	Very limited Deep to water	1.00
753C2: Thebes-----	Very limited Seepage	1.00	Very limited Piping Seepage	1.00 0.45	Very limited Deep to water	1.00
753D2: Thebes-----	Very limited Seepage Slope	1.00 0.01	Very limited Piping Seepage	1.00 0.45	Very limited Deep to water	1.00
759: Fruitfield-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
759B: Fruitfield-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
763E3: Exette-----	Somewhat limited Seepage Slope	0.70 0.04	Somewhat limited Piping	0.95	Very limited Deep to water	1.00
763F3: Exette-----	Somewhat limited Seepage Slope	0.70 0.18	Somewhat limited Piping	0.95	Very limited Deep to water	1.00

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771C2: Waubeeek-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
771D2: Waubeeek-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
793: Bertrand-----	Very limited Seepage	1.00	Very limited Piping Seepage	1.00 0.27	Very limited Deep to water	1.00
826: Rowley-----	Very limited Seepage	1.00	Very limited Seepage Depth to saturated zone Piping	1.00 1.00 0.89	Very limited Cutbanks cave Deep to water	1.00 0.01
916B: Downs-----	Very limited Seepage	1.00	Somewhat limited Seepage Piping	0.65 0.39	Very limited Deep to water	1.00
916B2: Downs-----	Very limited Seepage	1.00	Somewhat limited Seepage Piping	0.65 0.39	Very limited Deep to water	1.00
916C: Downs-----	Very limited Seepage	1.00	Somewhat limited Seepage Piping	0.65 0.39	Very limited Deep to water	1.00
916C2: Downs-----	Very limited Seepage	1.00	Somewhat limited Seepage Piping	0.65 0.39	Very limited Deep to water	1.00
917B: Fayette-----	Very limited Seepage	1.00	Somewhat limited Seepage Piping	0.65 0.17	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
917C: Fayette-----	Very limited Seepage	1.00	Somewhat limited Seepage Piping	0.65 0.17	Very limited Deep to water	1.00
917C2: Fayette-----	Very limited Seepage	1.00	Somewhat limited Seepage Piping	0.65 0.17	Very limited Deep to water	1.00
917D2: Fayette-----	Very limited Seepage Slope	1.00 0.01	Somewhat limited Seepage Piping	0.65 0.17	Very limited Deep to water	1.00
920B: Tama-----	Very limited Seepage	1.00	Somewhat limited Seepage Piping	0.65 0.44	Very limited Deep to water	1.00
920B2: Tama-----	Very limited Seepage	1.00	Somewhat limited Seepage Piping	0.98 0.44	Very limited Deep to water	1.00
920C: Tama-----	Very limited Seepage	1.00	Somewhat limited Seepage Piping	0.45 0.44	Very limited Deep to water	1.00
920C2: Tama-----	Very limited Seepage	1.00	Somewhat limited Piping Seepage	0.93 0.45	Very limited Deep to water	1.00
920C3: Tama-----	Very limited Seepage	1.00	Somewhat limited Seepage Piping	0.45 0.34	Very limited Deep to water	1.00
925: Toolesboro-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 0.56	Very limited Cutbanks cave	1.00

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930: Orion-----	Somewhat limited Seepage	0.70	Very limited Piping Depth to saturated zone	1.00 1.00	Very limited Cutbanks cave Slow refill Deep to water	1.00 0.30 0.01
960: Shaffton-----	Very limited Seepage	1.00	Very limited Piping Depth to saturated zone Seepage	1.00 0.43 0.10	Somewhat limited Deep to water Cutbanks cave	0.25 0.10
961: Ambraw-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 0.85	Very limited Cutbanks cave	1.00
963: Elvers-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00 1.00	Somewhat limited Cutbanks cave	0.10
977: Richwood-----	Very limited Seepage	1.00	Very limited Seepage Piping	1.00 1.00	Very limited Deep to water	1.00
977B2: Richwood-----	Very limited Seepage	1.00	Very limited Seepage Piping	1.00 1.00	Very limited Deep to water	1.00
1043: Bremer-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 0.35	Very limited Cutbanks cave	1.00
1212: Kennebec-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.74	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
1490: Caneek-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.99	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
1520: Coppock-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage Piping	1.00 0.98 0.61	Very limited Cutbanks cave	1.00
1621: Houghton-----	Very limited Seepage	1.00	Very limited Content of organic matter Depth to saturated zone	1.00 1.00	Somewhat limited Cutbanks cave	0.10
1926: Canoe-----	Very limited Seepage	1.00	Somewhat limited Piping Seepage Depth to saturated zone	0.93 0.45 0.43	Very limited Cutbanks cave Deep to water	1.00 0.25
2221: Palms-----	Very limited Seepage	1.00	Very limited Content of organic matter Depth to saturated zone Seepage	1.00 1.00 1.00	Very limited Cutbanks cave	1.00
2226: Elrin-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.95	Very limited Cutbanks cave Deep to water	1.00 0.81
2490: Caneek Variant-----	Very limited Seepage	1.00	Very limited Piping Seepage	1.00 0.49	Very limited Cutbanks cave Deep to water Slow refill	1.00 0.96 0.30

Water Management

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Muscatine 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
2587: Dolbee-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage Piping	1.00 0.98 0.86	Very limited Cutbanks cave	1.00
2636: Radford-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.26	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
Hanlon-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.10	Somewhat limited Deep to water Cutbanks cave	0.81 0.10
3133: Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
3134: Zook-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone Hard to pack	1.00 0.70	Somewhat limited Slow refill Cutbanks cave	0.95 0.10
3135: Coland-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00 0.15	Somewhat limited Cutbanks cave	0.10
3960: Shaffton-----	Very limited Seepage	1.00	Somewhat limited Depth to saturated zone Seepage	0.43 0.10	Somewhat limited Deep to water Cutbanks cave	0.25 0.10
3961: Ambraw-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 0.85	Very limited Cutbanks cave	1.00

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.)

Muscatine 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
4160: Walford-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.30
					Cutbanks cave	0.10
Urban Land-----	Not rated		Not rated		Not rated	
4162C: Downs-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
Urban Land-----	Not rated		Not rated		Not rated	
4163D: Fayette-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
Urban Land-----	Not rated		Not rated		Not rated	
4636: Radford-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.26	Somewhat limited Slow refill	0.30
					Cutbanks cave Deep to water	0.10 0.01
Urban Land-----	Not rated		Not rated		Not rated	
4759: Fruitfield-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.97	Very limited Deep to water	1.00
Urban Land-----	Not rated		Not rated		Not rated	
4960: Shaffton-----	Very limited Seepage	1.00	Somewhat limited Depth to saturated zone Seepage	0.43 0.41	Very limited Cutbanks cave	1.00
					Deep to water	0.25

Water Management

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Muscatine 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
Urban Land-----	Not rated		Not rated		Not rated	
4977B: Richwood-----	Very limited Seepage	1.00	Very limited Seepage Piping	1.00 1.00	Very limited Deep to water	1.00
Urban Land-----	Not rated		Not rated		Not rated	
5010: Pits-----	Not rated		Not rated		Not rated	
5040: Orthents-----	Not rated		Not rated		Not rated	
W: Water-----	Not rated		Not rated		Not rated	