

Water Management

Crawford 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
AdD3: 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 Deep to water	0.10 0.01
AdE3: Adair-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
	Slope	0.04			Cutbanks cave Deep to water	0.10 0.01
ChD3: Chute-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
ChE3: Chute-----	Very limited Seepage Slope	1.00 0.04	Very limited Seepage	1.00	Very limited Deep to water	1.00
Co: Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.30
					Cutbanks cave	0.10
Cs: Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.30
					Cutbanks cave	0.10
DoC2: Dow-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
DoD2: Dow-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
DsD3: Dow-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00

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Ida-----	Somewhat limited		Very limited		Very limited	
	Seepage	0.70	Piping	1.00	Deep to water	1.00
	Slope	0.01				
DsE3:						
Dow-----	Somewhat limited		Very limited		Very limited	
	Seepage	0.70	Piping	1.00	Deep to water	1.00
	Slope	0.06				
Ida-----	Somewhat limited		Very limited		Very limited	
	Seepage	0.70	Piping	1.00	Deep to water	1.00
	Slope	0.06				
DwC2:						
Dow-----	Somewhat limited		Very limited		Very limited	
	Seepage	0.70	Piping	1.00	Deep to water	1.00
Monona-----	Somewhat limited		Somewhat limited		Very limited	
	Seepage	0.70	Piping	0.26	Deep to water	1.00
DwD2:						
Dow-----	Somewhat limited		Very limited		Very limited	
	Seepage	0.70	Piping	1.00	Deep to water	1.00
	Slope	0.01				
Monona-----	Somewhat limited		Somewhat limited		Very limited	
	Seepage	0.70	Piping	0.26	Deep to water	1.00
	Slope	0.01				
DwD3:						
Dow-----	Somewhat limited		Very limited		Very limited	
	Seepage	0.70	Piping	1.00	Deep to water	1.00
	Slope	0.01				
Monona-----	Somewhat limited		Somewhat limited		Very limited	
	Seepage	0.70	Piping	0.26	Deep to water	1.00
	Slope	0.01				
DwE2:						
Dow-----	Somewhat limited		Very limited		Very limited	
	Seepage	0.70	Piping	1.00	Deep to water	1.00
	Slope	0.06				
Monona-----	Somewhat limited		Somewhat limited		Very limited	
	Seepage	0.70	Piping	0.26	Deep to water	1.00
	Slope	0.06				

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DwE3:						
Dow-----	Somewhat limited		Very limited		Very limited	
	Seepage	0.70	Piping	1.00	Deep to water	1.00
	Slope	0.06				
Monona-----	Somewhat limited		Very limited		Very limited	
	Seepage	0.70	Piping	1.00	Deep to water	1.00
	Slope	0.06				
IdC:						
Ida-----	Somewhat limited		Very limited		Very limited	
	Seepage	0.70	Piping	1.00	Deep to water	1.00
IdC3:						
Ida-----	Somewhat limited		Very limited		Very limited	
	Seepage	0.70	Piping	1.00	Deep to water	1.00
IdD:						
Ida-----	Somewhat limited		Very limited		Very limited	
	Seepage	0.70	Piping	1.00	Deep to water	1.00
	Slope	0.01				
IdD3:						
Ida-----	Somewhat limited		Very limited		Very limited	
	Seepage	0.70	Piping	1.00	Deep to water	1.00
	Slope	0.01				
IdE3:						
Ida-----	Somewhat limited		Very limited		Very limited	
	Seepage	0.70	Piping	1.00	Deep to water	1.00
	Slope	0.06				
IdF3:						
Ida-----	Somewhat limited		Very limited		Very limited	
	Seepage	0.70	Piping	1.00	Deep to water	1.00
	Slope	0.28				
JdA:						
Judson-----	Somewhat limited		Somewhat limited		Very limited	
	Seepage	0.70	Piping	0.07	Deep to water	1.00
JdB:						
Judson-----	Somewhat limited		Somewhat limited		Very limited	
	Seepage	0.70	Piping	0.07	Deep to water	1.00
JnB:						
Judson-----	Somewhat limited		Somewhat limited		Very limited	
	Seepage	0.70	Piping	0.07	Deep to water	1.00

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Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.30
					Cutbanks cave	0.10
Kb: Kennebec-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.81	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
Kc: 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
KnD: Knox-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
KnE: Knox-----	Somewhat limited Seepage Slope	0.70 0.06	Not limited		Very limited Deep to water	1.00
KnF: Knox-----	Somewhat limited Seepage Slope	0.70 0.28	Not limited		Very limited Deep to water	1.00
MaA: Marshall-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
MaB: Marshall-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
MaB2: Marshall-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
MaC: Marshall-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00

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MaC2: Marshall-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
MaD: Marshall-----	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00
MaD2: Marshall-----	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00
MaD3: Marshall-----	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00
MaE2: Marshall-----	Somewhat limited Seepage Slope	0.70 0.06	Not limited		Very limited Deep to water	1.00
MaE3: Marshall-----	Somewhat limited Seepage Slope	0.70 0.06	Not limited		Very limited Deep to water	1.00
MoA: Monona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.26	Very limited Deep to water	1.00
MoB: Monona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.26	Very limited Deep to water	1.00
MoB2: Monona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.26	Very limited Deep to water	1.00
MoC: Monona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.26	Very limited Deep to water	1.00
MoC2: Monona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.26	Very limited Deep to water	1.00

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MoC3: Monona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.32	Very limited Deep to water	1.00
MoD: Monona-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.26	Very limited Deep to water	1.00
MoD2: Monona-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.26	Very limited Deep to water	1.00
MoD3: Monona-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.32	Very limited Deep to water	1.00
MoE2: Monona-----	Somewhat limited Seepage Slope	0.70 0.06	Somewhat limited Piping	0.26	Very limited Deep to water	1.00
MoE3: Monona-----	Somewhat limited Seepage Slope	0.70 0.06	Somewhat limited Piping	0.32	Very limited Deep to water	1.00
MoF2: Monona-----	Somewhat limited Seepage Slope	0.70 0.28	Somewhat limited Piping	0.26	Very limited Deep to water	1.00
MoF3: Monona-----	Somewhat limited Seepage Slope	0.70 0.28	Somewhat limited Piping	0.32	Very limited Deep to water	1.00
MoG3: Monona-----	Somewhat limited Slope Seepage	0.72 0.70	Somewhat limited Piping	0.32	Very limited Deep to water	1.00
NbB: Napier-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.68	Very limited Deep to water	1.00

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NbC: Napier-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.68	Very limited Deep to water	1.00
NbD: Napier-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.68	Very limited Deep to water	1.00
NgC: 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	
NkB: Napier-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.68	Very limited Deep to water	1.00
Kennebec-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.81	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
NkC: Napier-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.68	Very limited Deep to water	1.00
No: 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
SaD2: Salida-----	Very limited Seepage Slope	1.00 0.01	Somewhat limited Seepage	0.95	Very limited Deep to water	1.00
SaF2: Salida-----	Very limited Seepage Slope	1.00 0.12	Somewhat limited Seepage	0.95	Very limited Deep to water	1.00
ShC2: Shelby-----	Somewhat limited Seepage	0.05	Not limited		Very limited Deep to water	1.00

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ShD2: Shelby-----	Somewhat limited		Not limited		Very limited	
	Seepage	0.05			Deep to water	1.00
	Slope	0.01				
ShE2: Shelby-----	Somewhat limited		Not limited		Very limited	
	Seepage	0.05			Deep to water	1.00
	Slope	0.04				
ShF2: Shelby-----	Somewhat limited		Not limited		Very limited	
	Slope	0.18			Deep to water	1.00
	Seepage	0.05				
SlF: Shelby-----	Somewhat limited		Not limited		Very limited	
	Slope	0.28			Deep to water	1.00
	Seepage	0.05				
SoD3: Shelby-----	Somewhat limited		Not limited		Very limited	
	Seepage	0.05			Deep to water	1.00
	Slope	0.01				
SoE3: Shelby-----	Somewhat limited		Not limited		Very limited	
	Seepage	0.05			Deep to water	1.00
	Slope	0.04				
SoF3: Shelby-----	Somewhat limited		Not limited		Very limited	
	Slope	0.18			Deep to water	1.00
	Seepage	0.05				
SoG3: Shelby-----	Somewhat limited		Not limited		Very limited	
	Slope	0.50			Deep to water	1.00
	Seepage	0.05				
SpC2: Sparta-----	Very limited		Very limited		Very limited	
	Seepage	1.00	Seepage	1.00	Deep to water	1.00
SpD2: Sparta-----	Very limited		Very limited		Very limited	
	Seepage	1.00	Seepage	1.00	Deep to water	1.00
	Slope	0.01				

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SpE2: Sparta-----	Very limited Seepage Slope	1.00 0.06	Very limited Seepage	1.00	Very limited Deep to water	1.00
SrD3: Steinauer-----	Somewhat limited Seepage Slope	0.05 0.01	Not limited		Very limited Deep to water	1.00
SrE3: Steinauer-----	Somewhat limited Seepage Slope	0.05 0.04	Not limited		Very limited Deep to water	1.00
Zo: Zook-----	Somewhat limited Seepage	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.92	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
Zs: Zook-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone Hard to pack	1.00 0.92	Somewhat limited Slow refill Cutbanks cave	0.95 0.10