

Water Management

Dallas 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
6: Okoboji-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Hard to pack	1.00 0.74	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
7: Wiota-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
8B: Judson-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.04	Very limited Deep to water	1.00
11B: Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
Ely-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.43 0.14	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
24D2: Shelby-----	Somewhat limited Seepage Slope	0.05 0.01	Not limited		Very limited Deep to water	1.00
24E: Shelby-----	Somewhat limited Seepage Slope	0.05 0.04	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
27B: Terril-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.52	Very limited Deep to water	1.00
27C: Terril-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.52	Very limited Deep to water	1.00

Water Management

Dallas 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
55: Nicollet-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.02 0.01	Somewhat limited Deep to water Slow refill Cutbanks cave	0.68 0.30 0.10
62C2: Storden-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
62D2: Storden-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
62E: Storden-----	Somewhat limited Seepage Slope	0.70 0.04	Very limited Piping	1.00	Very limited Deep to water	1.00
62F: Storden-----	Somewhat limited Seepage Slope	0.70 0.18	Very limited Piping	1.00	Very limited Deep to water	1.00
65G: Lindley-----	Somewhat limited Slope Seepage	0.45 0.05	Somewhat limited Piping	0.59	Very limited Deep to water	1.00
76B: Ladoga-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
76C2: Ladoga-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
76D2: Ladoga-----	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00
80B: Clinton-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00

Water Management

Dallas 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
80C: Clinton-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
80C2: Clinton-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
80D2: Clinton-----	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00
88: Nevin-----	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
90: Okoboji-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Hard to pack	1.00 0.80	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
93D2: Shelby-----	Somewhat limited Seepage Slope	0.05 0.01	Not limited		Very limited Deep to water	1.00
Adair-----	Somewhat limited Seepage Slope	0.05 0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.95 0.10 0.01
93E: Shelby-----	Somewhat limited Seepage Slope	0.05 0.04	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
Adair-----	Somewhat limited Seepage Slope	0.05 0.04	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.95 0.10 0.01

Water Management

Dallas 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
95: Harps-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.01	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
107: Webster-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.09	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
135: Coland-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage Piping	1.00 0.06 0.01	Somewhat limited Cutbanks cave	0.10
138B: Clarion-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
138C: Clarion-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
138C2: Clarion-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
138D2: Clarion-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
168B: Hayden-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.29	Very limited Deep to water	1.00
168C: Hayden-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.29	Very limited Deep to water	1.00

Water Management

Dallas 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
168C2: Hayden-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.29	Very limited Deep to water	1.00
168D2: Hayden-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.29	Very limited Deep to water	1.00
168E: Hayden-----	Somewhat limited Seepage Slope	0.70 0.04	Somewhat limited Piping	0.29	Very limited Deep to water	1.00
168F: Hayden-----	Somewhat limited Seepage Slope	0.70 0.18	Somewhat limited Piping	0.29	Very limited Deep to water	1.00
169B: Clarion-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
169C2: Clarion-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
175B: Dickinson-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.95	Very limited Deep to water	1.00
175C: Dickinson-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.95	Very limited Deep to water	1.00
179F: Gara-----	Somewhat limited Slope Seepage	0.18 0.05	Not limited		Very limited Deep to water	1.00
201B: Coland-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00 0.01	Somewhat limited Cutbanks cave	0.10
Terril-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.52	Very limited Deep to water	1.00

Water Management

Dallas 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
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
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
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
325: Le Sueur-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.43 0.40	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
356G: Hayden-----	Somewhat limited Seepage Slope	0.70 0.50	Somewhat limited Piping	0.64	Very limited Deep to water	1.00
Storden-----	Somewhat limited Seepage Slope	0.70 0.64	Very limited Piping	1.00	Very limited Deep to water	1.00
368: Macksburg-----	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

Water Management

Dallas 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
370B: Sharpsburg-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
370C2: Sharpsburg-----	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
370D2: Sharpsburg-----	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00
419F: Vanmeter-----	Somewhat limited Slope	0.24	Somewhat limited Depth to saturated zone Thin layer	0.95 0.86	Somewhat limited Slow refill Cutbanks cave Deep to water	0.95 0.10 0.02
419G: Vanmeter-----	Somewhat limited Slope	0.97	Somewhat limited Depth to saturated zone Thin layer	0.95 0.86	Somewhat limited Slow refill Cutbanks cave Deep to water	0.95 0.10 0.02
485: Spillville-----	Very limited Seepage	1.00	Somewhat limited Piping	0.77	Somewhat limited Deep to water Cutbanks cave	0.81 0.10
507: Canisteo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.01	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
536: Hanlon-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.10	Somewhat limited Deep to water Cutbanks cave	0.81 0.10
566B: Moingona-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.65	Very limited Deep to water	1.00

Water Management

Dallas 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
638C2: Clarion-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
Storden-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
638D2: Clarion-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
Storden-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
736B: Lester-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.17	Very limited Deep to water	1.00
736C2: Lester-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.17	Very limited Deep to water	1.00
822D2: Lamoni-----	Somewhat limited Slope	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.34	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01
823: Ridgeport-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
823B: Ridgeport-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
823C: Ridgeport-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
828B: Zenor-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.20	Very limited Deep to water	1.00

Water Management

Dallas 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
828C2: Zenor-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.20	Very limited Deep to water	1.00
829D2: Zenor-----	Very limited Seepage Slope	1.00 0.01	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
Storden-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
956: Harps-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.01	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
Okoboji-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Hard to pack	1.00 0.74	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
993D2: Armstrong-----	Somewhat limited Seepage Slope	0.05 0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.95 0.10 0.01
Gara-----	Somewhat limited Seepage Slope	0.05 0.01	Not limited		Very limited Deep to water	1.00
993E: Armstrong-----	Somewhat limited Seepage Slope	0.05 0.04	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.95 0.10 0.01
Gara-----	Somewhat limited Seepage Slope	0.05 0.04	Not limited		Very limited Deep to water	1.00

Water Management

Dallas 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
1220: 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
1314: Hanlon-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.10	Somewhat limited Deep to water Cutbanks cave	0.81 0.10
Spillville-----	Very limited Seepage	1.00	Somewhat limited Piping Seepage	0.77 0.09	Somewhat limited Deep to water Cutbanks cave	0.81 0.10
1585: Spillville-----	Very limited Seepage	1.00	Somewhat limited Piping	0.77	Somewhat limited Deep to water Cutbanks cave	0.81 0.10
Coland-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00 0.01	Somewhat limited Cutbanks cave	0.10
5010: Pits-----	Not rated		Not rated		Not rated	
5040: Orthents-----	Not rated		Not rated		Not rated	
5060: Pits-----	Not rated		Not rated		Not rated	
W: Water-----	Not rated		Not rated		Not rated	