

FIELD OFFICE TECHNICAL GUIDE Sec. II
WASTE DISPOSAL INTERPRETATIONS

Sanitary Facilities - Part 1.

(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.)

Ida county, Iowa

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
1B: Ida-----	95	Not limited restricted permeability	0.25	Somewhat limited Seepage	0.50
				Slope	0.32
1C: Ida-----	95	Not limited restricted permeability	0.25	Very limited Slope	1.00
				Seepage	0.50
1C3: Ida-----	95	Not limited restricted permeability	0.25	Very limited Slope	1.00
				Seepage	0.50
1D: Ida-----	95	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope	1.00
				Seepage	0.50
1D3: Ida-----	95	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope	1.00
				Seepage	0.50
1E: Ida-----	100	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope	1.00
				Seepage	0.50
1E3: Ida-----	95	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope	1.00
				Seepage	0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
1F3: Ida-----	100	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50
8B: Judson-----	95	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.32
8C: Judson-----	100	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
9B: Marshall-----	100	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.32
9B2: Marshall-----	95	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.32
9C: Marshall-----	100	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
9C2: Marshall-----	95	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
9D: Marshall-----	100	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50
9D2: Marshall-----	100	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50
11B: Colo-----	50	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Depth to saturated zone Flooding Seepage Slope	1.00 1.00 0.50 0.08
Judson-----	40	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.32
22D3: Dow-----	95	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50
26: Kennebec-----	90	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 0.71 0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
26B: Kennebec-----	95	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	0.71
		restricted permeability	0.25	Seepage	0.50
				Slope	0.32
27B: Terril-----	100	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Seepage	0.50
		restricted permeability	0.25	Slope	0.32
27C: Terril-----	100	Somewhat limited Depth to saturated zone	0.43	Very limited Slope	1.00
		restricted permeability	0.25	Seepage	0.50
28C2: Dickman-----	100	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	1.00
28D2: Dickman-----	100	Very limited Filtering capacity	1.00	Very limited Slope	1.00
		Slope	0.63	Seepage	1.00
31: Afton-----	100	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Flooding	1.00
		Restricted permeability	0.91	Seepage	0.32

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
35E2: Steinauer-----	55	Very limited Slope Restricted permeability	1.00 0.91	Very limited Slope	1.00
Burchard-----	40	Very limited Slope Restricted permeability	1.00 0.91	Very limited Slope	1.00
35G: Steinauer-----	55	Very limited Slope Restricted permeability	1.00 0.91	Very limited Slope	1.00
Burchard-----	40	Very limited Slope Restricted permeability	1.00 0.91	Very limited Slope	1.00
54: Zook-----	100	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 0.99	Very limited Depth to saturated zone Flooding	1.00 1.00
59D2: Burchard-----	95	Somewhat limited Restricted permeability Slope	0.91 0.16	Very limited Slope	1.00
78B: Sac-----	95	Somewhat limited Restricted permeability	0.91	Somewhat limited Seepage Slope	0.50 0.32

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
78B2: Sac-----	95	Somewhat limited Restricted permeability	0.91	Somewhat limited Seepage Slope	0.50 0.32
78C: Sac-----	95	Somewhat limited Restricted permeability	0.91	Very limited Slope Seepage	1.00 0.50
78C2: Sac-----	95	Somewhat limited Restricted permeability	0.91	Very limited Slope Seepage	1.00 0.50
78D2: Sac-----	95	Somewhat limited Restricted permeability Slope	0.91 0.63	Very limited Slope Seepage	1.00 0.50
91B: Primghar-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Somewhat limited Depth to saturated zone Seepage Slope	0.71 0.50 0.08
92: Marcus-----	100	Very limited Depth to saturated zone Restricted permeability	1.00 0.91	Very limited Depth to saturated zone Seepage	1.00 0.50
99C2: Exira-----	100	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
99D2: Exira-----	100	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50
99D3: Exira-----	95	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50
99E2: Exira-----	100	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50
100C: Monona-----	100	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
100C2: Monona-----	95	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
100C3: Monona-----	95	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
100D: Monona-----	100	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
100D2: Monona-----	95	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50
100D3: Monona-----	95	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50
100E: Monona-----	95	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50
100E2: Monona-----	95	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50
100E3: Monona-----	95	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50
100F: Monona-----	100	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50
100F2: Monona-----	100	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
100F3: Monona-----	100	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50
133: Colo-----	95	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Depth to saturated zone Flooding Seepage	1.00 1.00 0.50
133+: Colo-----	95	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Depth to saturated zone Flooding Seepage	1.00 1.00 0.50
220: Nodaway-----	90	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 0.71 0.50
309: Allendorf-----	95	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage	1.00
310: Galva-----	100	Not limited restricted permeability	0.25	Somewhat limited Seepage	0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
310B: Galva-----	100	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.32
310B2: Galva-----	90	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.32
310C: Galva-----	90	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
310C2: Galva-----	90	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
310D: Galva-----	90	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50
310D2: Galva-----	90	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50
428B: Ely-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.08

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
430: Ackmore-----	95	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Flooding	1.00
		restricted permeability	0.25	Seepage	0.50
430B: Ackmore-----	95	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Flooding	1.00
		restricted permeability	0.25	Seepage	0.50
				Slope	0.32
474C: Bolan-----	95	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage	1.00
				Slope	1.00
474D2: Bolan-----	95	Very limited Filtering capacity Slope restricted permeability	1.00 0.63 0.25	Very limited Slope Seepage	1.00 1.00
475B: Arthur-----	100	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage Slope	1.00 0.32

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
475C2: Arthur-----	95	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage Slope	1.00 1.00
475D2: Arthur-----	100	Very limited Filtering capacity Slope restricted permeability	1.00 0.63 0.25	Very limited Slope Seepage	1.00 1.00
509: Marshall-----	100	Not limited restricted permeability	0.25	Somewhat limited Seepage	0.50
509B: Marshall-----	100	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.32
509C: Marshall-----	100	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
509C2: Marshall-----	100	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
740C: Hawick-----	95	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 1.00

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
740E: Hawick-----	95	Very limited Filtering capacity Slope	1.00 0.96	Very limited Slope Seepage	1.00 1.00
740G: Hawick-----	95	Very limited Filtering capacity Slope	1.00 1.00	Very limited Slope Seepage	1.00 1.00
810: Galva-----	100	Not limited restricted permeability	0.25	Somewhat limited Seepage	0.50
810B: Galva-----	100	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.32
810C2: Galva-----	95	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
1220: Nodaway-----	90	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 0.71 0.50
5010: Pits-----	100	Not rated		Not rated	

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		Rating class and limiting features	Value	Rating class and limiting features	Value
5040: Orthents-----	100	Not rated		Not rated	
W: Water-----	100	Not rated		Not rated	

USDA-NRCS, IOWA

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