

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.)

Hancock 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
6: Okoboji-----	95	Very limited Depth to saturated zone Ponding Restricted permeability	1.00 1.00 0.91	Very limited Depth to saturated zone Ponding Seepage	1.00 1.00 0.50
28: Dickman-----	95	Not limited		Very limited Seepage	1.00
28B: Dickman-----	95	Not limited		Very limited Seepage Slope	1.00 0.32
28D2: Dickman-----	95	Not limited Slope	0.16	Very limited Seepage Slope	1.00 1.00
52B: Bode-----	95	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.32
52C2: Bode-----	95	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
52D2: Bode-----	95	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50
52E2: Bode-----	95	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
55: Nicollet-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
72: Estherville-----	95	Not limited		Very limited Seepage	1.00
72B: Estherville-----	90	Not limited		Very limited Seepage Slope	1.00 0.32
72C2: Estherville-----	90	Not limited		Very limited Seepage Slope	1.00 1.00
72D2: Estherville-----	90	Somewhat limited Slope	0.63	Very limited Slope Seepage	1.00 1.00
73C2: Salida-----	100	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.92
90: Okoboji-----	90	Very limited Depth to saturated zone Ponding Restricted permeability	1.00 1.00 0.91	Very limited Depth to saturated zone Ponding Seepage	1.00 1.00 0.50
95: Harps-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
107: Webster-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
135: Coland-----	100	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
138B: Clarion-----	95	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.32
138C2: Clarion-----	95	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
138D2: Clarion-----	95	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50
174: Bolan-----	90	Not limited restricted permeability	0.25	Very limited Seepage	1.00
174B: Bolan-----	95	Not limited restricted permeability	0.25	Very limited Seepage Slope	1.00 0.32

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		Rating class and limiting features	Value	Rating class and limiting features	Value
221: Palms-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Subsidence	1.00	Ponding	1.00
		Ponding	1.00	Content of organic matter	1.00
		Restricted permeability	0.37	Seepage	0.32
224: Linder-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Filtering capacity	1.00	Seepage	1.00
236B: Lester-----	95	Somewhat limited restricted permeability	0.35	Somewhat limited Seepage	0.50
				Slope	0.32
236C2: Lester-----	95	Somewhat limited restricted permeability	0.35	Very limited Slope	1.00
				Seepage	0.50
236D2: Lester-----	95	Somewhat limited Slope restricted permeability	0.63 0.35	Very limited Slope Seepage	1.00 0.50
236F: Lester-----	90	Very limited Slope restricted permeability	1.00 0.35	Very limited Slope Seepage	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
259: Biscay-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 1.00
274: Rolfe-----	100	Very limited Depth to saturated zone Ponding Restricted permeability	1.00 1.00 0.99	Very limited Depth to saturated zone Ponding Seepage	1.00 1.00 0.32
288: Ottosen-----	95	Very limited Depth to saturated zone Restricted permeability	1.00 0.91	Very limited Depth to saturated zone Seepage	1.00 0.50
308: Wadena-----	100	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage	1.00
308B: Wadena-----	100	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage Slope	1.00 0.32
335: Harcot-----	95	Very limited Depth to saturated zone Filtering capacity restricted permeability	1.00 1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
348: Fieldon-----	85	Very limited Depth to saturated zone Ponding restricted permeability	1.00 1.00 0.25	Very limited Depth to saturated zone Seepage Ponding	1.00 1.00 1.00
384: Collinwood-----	95	Very limited Depth to saturated zone Restricted permeability	1.00 0.96	Somewhat limited Depth to saturated zone	0.71
384B: Collinwood-----	95	Very limited Depth to saturated zone Restricted permeability	1.00 0.96	Somewhat limited Depth to saturated zone Slope	0.71 0.32
388: Kossuth-----	95	Very limited Depth to saturated zone Restricted permeability	1.00 0.91	Very limited Depth to saturated zone Seepage	1.00 0.50
390: Waldorf-----	95	Very limited Depth to saturated zone Restricted permeability	1.00 0.96	Very limited Depth to saturated zone Seepage	1.00 0.18
485B: Spillville-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Somewhat limited Depth to saturated zone Slope	0.71 0.32

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		Rating class and limiting features	Value	Rating class and limiting features	Value
506: Wacousta-----	95	Very limited Depth to saturated zone Ponding restricted permeability	1.00 1.00 0.25	Very limited Depth to saturated zone Ponding Seepage	1.00 1.00 0.50
507: Canisteo-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
511: Blue Earth-----	100	Very limited Depth to saturated zone Ponding restricted permeability	1.00 1.00 0.25	Very limited Depth to saturated zone Ponding Seepage	1.00 1.00 0.50
524: Linder-----	95	Very limited Depth to saturated zone Filtering capacity	1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 1.00
562D2: Storden-----	90	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50
562E2: Storden-----	95	Very limited Slope restricted permeability	1.00 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
562F2: Storden-----	100	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50
621: Houghton-----	100	Very limited Depth to saturated zone Subsidence Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Content of organic matter Ponding	1.00 1.00 1.00 1.00
640C2: Sunburg-----	90	Not limited		Very limited Seepage Slope	1.00 1.00
640D2: Sunburg-----	90	Somewhat limited Slope	0.63	Very limited Slope Seepage	1.00 1.00
640E2: Sunburg-----	90	Very limited Slope	1.00	Very limited Slope Seepage	1.00 1.00
640F2: Sunburg-----	95	Very limited Slope	1.00	Very limited Slope Seepage	1.00 1.00
641B: Clarion-----	60	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.32
Sunburg-----	40	Not limited		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
641C2: Clarion-----	60	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
Sunburg-----	40	Not limited		Very limited Seepage Slope	1.00 1.00
641D2: Clarion-----	55	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50
Sunburg-----	45	Somewhat limited Slope	0.63	Very limited Slope Seepage	1.00 1.00
641E2: Clarion-----	55	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50
Sunburg-----	45	Very limited Slope	1.00	Very limited Slope Seepage	1.00 1.00
642D2: Sunburg-----	55	Somewhat limited Slope	0.63	Very limited Slope Seepage	1.00 1.00
Salida-----	40	Very limited Filtering capacity Slope	1.00 0.63	Very limited Slope Seepage	1.00 1.00
654: Corwith-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
655: Crippin-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
658: Mayer-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 1.00
659: Mayer-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 1.00
787B: Vinje-----	95	Somewhat limited Restricted permeability	0.91	Somewhat limited Seepage Slope	0.50 0.32
787C2: Vinje-----	95	Somewhat limited Restricted permeability	0.91	Very limited Slope Seepage	1.00 0.50
811: Muskego-----	100	Very limited Depth to saturated zone Subsidence Ponding Restricted permeability	1.00 1.00 1.00 0.99	Very limited Depth to saturated zone Seepage Ponding Content of organic matter	1.00 1.00 1.00 1.00
823: Ridgeport-----	100	Very limited Filtering capacity	1.00	Very limited Seepage	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
823B: Ridgeport-----	100	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.32
836B: Kilkenny-----	100	Very limited Restricted permeability	1.00	Somewhat limited Seepage Slope	0.32 0.32
836C2: Kilkenny-----	95	Very limited Restricted permeability	1.00	Very limited Slope Seepage	1.00 0.32
836E2: Kilkenny-----	95	Very limited Restricted permeability Slope	1.00 0.96	Very limited Slope Seepage	1.00 0.32
879: Fostoria-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
956: Harps-----	55	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
Okoboji-----	35	Very limited Depth to saturated zone Ponding Restricted permeability	1.00 1.00 0.91	Very limited Depth to saturated zone Ponding Seepage	1.00 1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
1032: Spicer-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
1052B: Bode-----	60	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.32
Kamrar-----	35	Somewhat limited Restricted permeability	0.91	Somewhat limited Seepage Slope	0.50 0.32
1135: Coland-----	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
1221: Palms-----	100	Very limited Depth to saturated zone Subsidence Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Content of organic matter Seepage Ponding	1.00 1.00 1.00 1.00
1259: Biscay-----	95	Very limited Ponding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Depth to saturated zone Ponding Seepage	1.00 1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
1339: Truman-----	100	Not limited restricted permeability	0.25	Very limited Seepage	1.00
1339B: Truman-----	100	Not limited restricted permeability	0.25	Very limited Seepage Slope	1.00 0.32
1506: Wacousta-----	100	Very limited Depth to saturated zone Ponding restricted permeability	1.00 1.00 0.25	Very limited Depth to saturated zone Seepage Ponding	1.00 1.00 1.00
1507: Brownton-----	95	Very limited Depth to saturated zone Restricted permeability	1.00 0.99	Very limited Depth to saturated zone	1.00
1595: Harpster-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
1733: Calco-----	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

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		Rating class and limiting features	Value	Rating class and limiting features	Value
2222: Adrian-----	100	Very limited Depth to saturated zone Subsidence Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage Ponding Content of organic matter	1.00 1.00 1.00 1.00
4000: Urban Land-----	100	Not rated		Not rated	
5010: Pits-----	100	Not rated		Not rated	
5040: Orthents-----	90	Not rated		Not rated	
AW: Animal Waste-----	100	Not rated		Not rated	
INT: Intermittent Water--	100	Not rated		Not rated	
SL: Sewage Lagoon-----	100	Not rated		Not rated	

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