

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.)

Clarke 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
13B: Olmitz-----	40	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Somewhat limited Depth to saturated zone Seepage Slope	0.71 0.50 0.32
Zook-----	30	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
Colo-----	20	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 0.32
23C: Arispe-----	90	Very limited Depth to saturated zone Restricted permeability	1.00 0.99	Very limited Depth to saturated zone Slope Seepage	1.00 1.00 0.50
23C2: Arispe-----	90	Very limited Depth to saturated zone Restricted permeability	1.00 0.99	Very limited Depth to saturated zone Slope Seepage	1.00 1.00 0.50
24D: Shelby-----	90	Somewhat limited Restricted permeability Slope	0.91 0.63	Very limited Slope	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
24D2: Shelby-----	90	Somewhat limited Restricted permeability Slope	0.91 0.63	Very limited Slope	1.00
24E: Shelby-----	90	Very limited Slope Restricted permeability	1.00 0.91	Very limited Slope	1.00
24E2: Shelby-----	90	Very limited Slope Restricted permeability	1.00 0.91	Very limited Slope	1.00
24E3: Shelby-----	90	Very limited Slope Restricted permeability	1.00 0.91	Very limited Slope	1.00
24F: Shelby-----	90	Very limited Slope Restricted permeability	1.00 0.91	Very limited Slope	1.00
24F2: Shelby-----	90	Very limited Slope Restricted permeability	1.00 0.91	Very limited Slope	1.00
51: Vesser-----	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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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
51B: Vesser-----	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
54: Zook-----	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	0.99		
54+: Zook-----	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	0.99		
56C: Cantril-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		restricted permeability	0.35	Slope	0.68
				Seepage	0.50
65D: Lindley-----	95	Very limited Restricted permeability	1.00	Very limited Slope	1.00
		Slope	0.63		

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		Rating class and limiting features	Value	Rating class and limiting features	Value
65E: Lindley-----	95	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
65F: Lindley-----	95	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
65F2: Lindley-----	95	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
65G: Lindley-----	100	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
69C: Clearfield-----	90	Very limited Depth to saturated zone Restricted permeability	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
69C2: Clearfield-----	90	Very limited Depth to saturated zone Restricted permeability	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
76C2: Ladoga-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Slope 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
87B: Zook-----	60	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Flooding	1.00
		Restricted permeability	0.99		
Colo-----	40	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
93D: Shelby-----	65	Somewhat limited Restricted permeability	0.91	Very limited Slope	1.00
		Slope	0.63		
Adair-----	35	Very limited Depth to	1.00	Very limited Depth to	1.00
		saturated zone		saturated zone	
		Restricted permeability	0.99	Slope	1.00
		Slope	0.63		
93D2: Shelby-----	60	Somewhat limited Restricted permeability	0.91	Very limited Slope	1.00
		Slope	0.63		
Adair-----	40	Very limited Depth to	1.00	Very limited Depth to	1.00
		saturated zone		saturated zone	
		Restricted permeability	0.99	Slope	1.00
		Slope	0.63		

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		Rating class and limiting features	Value	Rating class and limiting features	Value
93D3: Adair-----	50	Very limited Depth to saturated zone Restricted permeability Slope	1.00 0.99 0.63	Very limited Depth to saturated zone Slope	1.00 1.00
Shelby-----	50	Somewhat limited Restricted permeability Slope	0.91 0.63	Very limited Slope	1.00
94D: Caleb-----	70	Very limited Depth to saturated zone Slope  restricted permeability	1.00 0.63 0.35	Very limited Slope  Depth to saturated zone Seepage	1.00 0.71 0.50
Mystic-----	30	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Depth to saturated zone Slope  Seepage	1.00 1.00 1.00
94D2: Caleb-----	60	Very limited Depth to saturated zone Slope restricted permeability	1.00 0.63 0.35	Very limited Depth to saturated zone Slope Seepage	1.00 1.00 0.50
Mystic-----	40	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Slope  Seepage  Depth to saturated zone	1.00 1.00 0.71

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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
94E2: Caleb-----	60	Very limited Depth to saturated zone Slope restricted permeability	1.00 1.00 0.35	Very limited Depth to saturated zone Slope Seepage	1.00 1.00 0.50
Mystic-----	40	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 1.00	Very limited Depth to saturated zone Slope Seepage	1.00 1.00 1.00
131B: Pershing-----	95	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 0.32
131C: Pershing-----	90	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
131C2: Pershing-----	90	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
132C: Weller-----	95	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone 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
133: Colo-----	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
133B: Colo-----	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
179D: Gara-----	95	Very limited Restricted permeability	1.00	Very limited Slope	1.00
		Slope	0.63		
179D2: Gara-----	95	Very limited Restricted permeability	1.00	Very limited Slope	1.00
		Slope	0.63		
179E: Gara-----	90	Very limited Slope	1.00	Very limited Slope	1.00
		Restricted permeability	1.00		
179E2: Gara-----	90	Very limited Slope	1.00	Very limited Slope	1.00
		Restricted permeability	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
179E3: Gara-----	90	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
179F: Gara-----	90	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
179F2: Gara-----	90	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
192C: Adair-----	100	Very limited Depth to saturated zone Restricted permeability	1.00 0.99	Very limited Depth to saturated zone Slope	1.00 1.00
192C2: Adair-----	100	Very limited Depth to saturated zone Restricted permeability	1.00 0.99	Very limited Depth to saturated zone Slope	1.00 1.00
192D: Adair-----	100	Very limited Depth to saturated zone Restricted permeability Slope	1.00 0.99 0.63	Very limited Depth to saturated zone 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
192D2: Adair-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Restricted permeability	0.99	Slope	1.00
		Slope	0.63		
192D3: Adair-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Restricted permeability	0.99	Slope	1.00
		Slope	0.63		
211: Edina-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Restricted permeability	0.99	Seepage	0.50
220: Nodaway-----	90	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
222C: Clarinda-----	90	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Restricted permeability	1.00	Slope	1.00
222C2: Clarinda-----	90	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Restricted permeability	1.00	Slope	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
222C3: Clarinda-----	90	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Restricted permeability	1.00	Slope	1.00
222D2: Clarinda-----	90	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Restricted permeability	1.00	Slope	1.00
		Slope	0.63		
269: Humeston-----	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	1.00	Seepage	0.32
273B: Olmitz-----	95	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.71
		restricted permeability	0.25	Seepage	0.50
				Slope	0.32
273C: Olmitz-----	100	Very limited Depth to saturated zone	1.00	Very limited Slope	1.00
		restricted permeability	0.25	Depth to saturated zone	0.71
				Seepage	0.50
362: Haig-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Restricted	0.99	Seepage	0.50

| permeability |

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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
364B: Grundy-----	98	Very limited Depth to saturated zone Restricted permeability	1.00 0.99	Very limited Depth to saturated zone Slope	1.00 0.32
368: Macksburg-----	98	Very limited Depth to saturated zone Restricted permeability	1.00 0.91	Very limited Depth to saturated zone Seepage	1.00 0.50
368B: Macksburg-----	98	Very limited Depth to saturated zone Restricted permeability	1.00 0.91	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.32
369: Winterset-----	90	Very limited Depth to saturated zone Restricted permeability	1.00 0.91	Very limited Depth to saturated zone	1.00
370B: Sharpsburg-----	95	Very limited Depth to saturated zone Restricted permeability	1.00 0.91	Somewhat limited Depth to saturated zone Seepage Slope	0.71 0.50 0.32
370C: Sharpsburg-----	90	Very limited Depth to saturated zone Restricted permeability	1.00 0.91	Very limited Slope 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
370C2: Sharpsburg-----	90	Very limited Depth to saturated zone	1.00	Very limited Slope	1.00
		Restricted permeability	0.91	Depth to saturated zone Seepage	0.71 0.50
423C2: Bucknell-----	100	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	1.00
423D: Bucknell-----	100	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	1.00
		Slope	0.63		
423D2: Bucknell-----	100	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	1.00
		Slope	0.63		
425D: Keswick-----	100	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	1.00
		Slope	0.63		
425D2: Keswick-----	100	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00
		Depth to	1.00	Slope	1.00

	saturated zone	
	Slope	0.63

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		Rating class and limiting features	Value	Rating class and limiting features	Value
430: Ackmore-----	98	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
452C2: Lineville-----	90	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	1.00
484: Lawson-----	98	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
570C: Nira-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		restricted permeability	0.25	Slope	1.00
				Seepage	0.50
570C2: Nira-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		restricted permeability	0.25	Slope	1.00
				Seepage	0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
592C2: Mystic-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope Seepage	1.00 1.00 1.00 0.50
592D2: Mystic-----	100	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Depth to saturated zone Slope Seepage	1.00 1.00 1.00 0.50
730C: Cantril-----	60	Very limited Depth to saturated zone restricted permeability	1.00 0.35	Very limited Depth to saturated zone Slope Seepage	1.00 0.92 0.50
Nodaway-----	35	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
792C: Armstrong-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
792C2: Armstrong-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
792D: Armstrong-----	100	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Depth to saturated zone Slope	1.00 1.00
792D2: Armstrong-----	100	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Depth to saturated zone Slope	1.00 1.00
792D3: Armstrong-----	100	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Depth to saturated zone Slope	1.00 1.00
822C: Lamoni-----	100	Very limited Depth to saturated zone Restricted permeability	1.00 0.99	Very limited Depth to saturated zone Slope	1.00 1.00
822C2: Lamoni-----	100	Very limited Depth to saturated zone Restricted permeability	1.00 0.99	Very limited Depth to saturated zone Slope	1.00 1.00
822C3: Lamoni-----	100	Very limited Depth to saturated zone Restricted permeability	1.00 0.99	Very limited Depth to saturated zone Slope	1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
822D: Lamoni-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Restricted permeability	0.99	Slope	1.00
		Slope	0.63		
822D2: Lamoni-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Restricted permeability	0.99	Slope	1.00
		Slope	0.63		
822D3: Lamoni-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Restricted permeability	0.99	Slope	1.00
		Slope	0.63		
892C2: Mystic Variant-----	100	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	1.00
993D2: Gara-----	60	Very limited Restricted permeability	1.00	Very limited Slope	1.00
		Slope	0.63		
Armstrong-----	40	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	1.00
		Slope	0.63		

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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
993E2: Gara-----	60	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
Armstrong-----	40	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
1715: Nodaway-----	50	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
Lawson-----	40	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
5030: Pits-----	100	Not rated		Not rated	
5040: Orthents-----	100	Not rated		Not rated	
W: Water-----	100	Not rated		Not rated	

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