

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.)

Wayne 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
AaC: 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
AaC2: 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
AaD: Adair-----	100	Very limited Depth to saturated zone Restricted permeability Slope	1.00 0.99 0.63	Very limited Slope Depth to saturated zone	1.00 1.00
AaD2: Adair-----	100	Very limited Depth to saturated zone Restricted permeability Slope	1.00 0.99 0.63	Very limited Slope Depth to saturated zone	1.00 1.00
AdC3: 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
AdD3: Adair-----	100	Very limited Depth to saturated zone Restricted permeability Slope	1.00 0.99 0.63	Very limited Slope Depth to saturated zone	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	
AsD2: Adair-----	55	Very limited		Very limited		
		Depth to saturated zone	1.00	Slope	1.00	
		Restricted permeability	0.99	Depth to saturated zone	1.00	
	Shelby-----	35	Slope	0.63		
			Somewhat limited		Very limited	
			Restricted permeability	0.91	Slope	1.00
		Slope	0.63			
		Depth to saturated zone	0.43			
AsD3: Adair-----	55	Very limited		Very limited		
		Depth to saturated zone	1.00	Slope	1.00	
		Restricted permeability	0.99	Depth to saturated zone	1.00	
	Shelby-----	35	Slope	0.63		
			Somewhat limited		Very limited	
			Restricted permeability	0.91	Slope	1.00
		Slope	0.63			
		Depth to saturated zone	0.43			
CaD2: Caleb-----	100	Very limited		Very limited		
		Depth to saturated zone	1.00	Slope	1.00	
		Slope	0.63	Depth to saturated zone	0.71	
		restricted permeability	0.35	Seepage	0.50	
CaE2: Caleb-----	100	Very limited		Very limited		
		Slope	1.00	Slope	1.00	
		Depth to saturated zone	1.00	Depth to saturated zone	0.71	
		restricted permeability	0.35	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
CbD3: Caleb-----	100	Very limited		Very limited	
		Depth to saturated zone	1.00	Slope	1.00
		Slope	0.63	Depth to saturated zone	0.71
		restricted permeability	0.35	Seepage	0.50
CbE3: Caleb-----	100	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	0.71
		restricted permeability	0.35	Seepage	0.50
Ch: Chequest-----	100	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.91		
ClC: Clarinda-----	100	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Slope	1.00
ClC2: Clarinda-----	100	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Slope	1.00
ClD2: Clarinda-----	100	Very limited		Very limited	
		Depth to saturated zone	1.00	Slope	1.00
		Restricted permeability	1.00	Depth to saturated zone	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
CmC3: Clarinda-----	100	Very limited Depth to saturated zone Restricted permeability Slope	1.00 1.00 0.01	Very limited Depth to saturated zone Slope	1.00 1.00
Co: Colo-----	100	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 1.00 0.50
CoB: Colo-----	100	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.33
Cz: Colo-----	55	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 1.00 0.50
Zook-----	35	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 0.99	Very limited Flooding Depth to saturated zone	1.00 1.00
Ed: Edina-----	100	Very limited Depth to saturated zone Restricted permeability	1.00 1.00	Very limited Depth to saturated zone 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
GaD2: Gara-----	100	Very limited Restricted permeability Slope Depth to saturated zone	1.00 0.63 0.43	Very limited Slope	1.00
GaE: Gara-----	100	Very limited Slope Restricted permeability Depth to saturated zone	1.00 1.00 0.43	Very limited Slope	1.00
GaE2: Gara-----	100	Very limited Slope Restricted permeability Depth to saturated zone	1.00 1.00 0.43	Very limited Slope	1.00
GaF: Gara-----	100	Very limited Slope Restricted permeability Depth to saturated zone	1.00 1.00 0.43	Very limited Slope	1.00
GaF2: Gara-----	100	Very limited Slope Restricted permeability Depth to saturated zone	1.00 1.00 0.43	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
GrE3: Gara-----	100	Very limited Slope Restricted permeability Depth to saturated zone	1.00 1.00 0.43	Very limited Slope	1.00
GuB: Grundy-----	100	Very limited Depth to saturated zone Restricted permeability	1.00 0.99	Very limited Depth to saturated zone Slope	1.00 0.33
GuC: Grundy-----	100	Very limited Depth to saturated zone Restricted permeability	1.00 0.99	Very limited Depth to saturated zone Slope	1.00 1.00
GuC2: Grundy-----	100	Very limited Depth to saturated zone Restricted permeability	1.00 0.99	Very limited Depth to saturated zone Slope	1.00 1.00
Ha: Haig-----	100	Very limited Depth to saturated zone Restricted permeability	1.00 0.99	Very limited Depth to saturated zone Seepage	1.00 0.50
Hu: Humeston-----	100	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Seepage	1.00 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
HuB: Humeston-----	100	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Slope Seepage	1.00 1.00 0.33 0.32
KnB: Kniffin-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 0.33
KnC: Kniffin-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
KnC2: Kniffin-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
LaC2: 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
LaD2: Lamoni-----	100	Very limited Depth to saturated zone Restricted permeability Slope	1.00 0.99 0.63	Very limited Slope Depth to saturated zone	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
LmD3: Lamoni-----	100	Very limited Depth to saturated zone	1.00	Very limited Slope	1.00
		Restricted permeability	0.99	Depth to saturated zone	1.00
		Slope	0.63		
Ln: Lawson-----	55	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		restricted permeability	0.25	Seepage	0.50
Nodaway-----	35	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
LoF2: Lindley-----	100	Very limited Slope	1.00	Very limited Slope	1.00
		Restricted permeability	1.00		
LvC: Lineville-----	100	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	1.00
LvC2: Lineville-----	100	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	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
MyC2: Mystic-----	100	Very limited		Very limited	
		Restricted permeability	1.00	Seepage	1.00
		Depth to saturated zone	1.00	Slope	1.00
OmB: Olmitz-----	100	Depth to saturated zone	0.43	Depth to saturated zone	0.71
		restricted permeability	0.25	Slope	0.33
OvB: Olmitz-----	35	Somewhat limited		Somewhat limited	
		Depth to saturated zone	0.43	Seepage	0.50
		restricted permeability	0.25	Slope	0.33
Vesser-----	30	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		restricted permeability	0.25	Seepage	0.50
Colo-----	25			Slope	0.33
		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		restricted permeability	0.25	Seepage	0.50
PeC: Pershing-----	100			Slope	0.33
		Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	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
PeC2: Pershing-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
PhB: Pershing-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 0.33
PhC2: Pershing-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
RaC: Rathbun-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
RaC2: Rathbun-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
SeB: Seymour-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 0.33

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		Rating class and limiting features	Value	Rating class and limiting features	Value
SfC: Seymour-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
SfC2: Seymour-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00
ShD: Shelby-----	100	Somewhat limited Restricted permeability Slope Depth to saturated zone	0.91 0.63 0.43	Very limited Slope	1.00
ShD2: Shelby-----	100	Somewhat limited Restricted permeability Slope Depth to saturated zone	0.91 0.63 0.43	Very limited Slope	1.00
ShE: Shelby-----	100	Very limited Slope Restricted permeability Depth to saturated zone	1.00 0.91 0.43	Very limited Slope	1.00
ShE2: Shelby-----	100	Very limited Slope Restricted permeability Depth to saturated zone	1.00 0.91 0.43	Very limited Slope	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
ShF2: Shelby-----	100	Very limited Slope Restricted permeability Depth to saturated zone	1.00 0.91 0.43	Very limited Slope	1.00
SoD3: Shelby-----	100	Somewhat limited Restricted permeability Slope Depth to saturated zone	0.91 0.63 0.43	Very limited Slope	1.00
SoE3: Shelby-----	100	Very limited Slope Restricted permeability Depth to saturated zone	1.00 0.91 0.43	Very limited Slope	1.00
Ve: Vesser-----	95	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 1.00 0.50
VeB: Vesser-----	95	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage Slope	1.00 1.00 0.50 0.33
W: Water-----	100	Not rated		Not rated	

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		Rating class and limiting features	Value	Rating class and limiting features	Value
Wa: Wabash-----	95	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00
Zo: Zook-----	100	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 0.99	Very limited Flooding Depth to saturated zone	1.00 1.00