

Section II  
Soil and Site Information

Sanitary Facilities Table 1  
Beadle County, South Dakota

(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.)

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
Ao: Worthing-----	100	Very limited Restricted permeability Ponding  Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding  Depth to saturated zone	1.00 1.00
BaA: Beadle-----	85	Very limited Restricted permeability	1.00	Not limited	
BaB: Beadle-----	85	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.32
BaC: Beadle-----	90	Very limited Restricted permeability	1.00	Very limited Slope	1.00
BdA: Beadle-----	55	Very limited Restricted permeability	1.00	Not limited	
Dudley-----	30	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
BeD: Betts-----	85	Very limited Restricted permeability Slope	1.00 1.00	Very limited Slope  Seepage	1.00 0.50
BfD: Betts-----	45	Very limited Restricted permeability Slope	1.00 1.00	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
Ethan-----	40	Somewhat limited		Very limited	
		Restricted permeability	0.68	Slope	1.00
BnA: Blendon-----	85	Slope	0.63	Seepage	0.50
		Very limited Filtering capacity	1.00	Very limited Seepage	1.00
Bo: Bon-----	90	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Seepage	1.00
		Restricted permeability	0.50	Depth to saturated zone	0.71
Bx: Bon-----	90	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Seepage	1.00
		Restricted permeability	0.50	Depth to saturated zone	0.71
CaA: Carthage-----	85	Very limited Restricted permeability	1.00	Very limited Seepage	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
CaB: Carthage-----	85	Very limited Restricted permeability	1.00	Very limited Seepage	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Slope	0.32

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		Rating class and limiting features	Value	Rating class and limiting features	Value
CaC: Carthage-----	85	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Seepage Slope Depth to saturated zone	1.00 1.00 1.00
CbA: Carthage-----	50	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Seepage Depth to saturated zone	1.00 1.00
Blendon-----	35	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
CbB: Carthage-----	55	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Seepage Depth to saturated zone Slope	1.00 1.00 0.32
Blendon-----	30	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.32
DaB: Davis-----	100	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage Slope	0.50 0.32
DeA: Delmont-----	85	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
DfB: Delmont-----	65	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	0.32
Talmo-----	20	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	0.68
Dg: Doger-----	85	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
DkA: Dudley-----	50	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
Jerauld-----	35	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
DsA: Dudley-----	45	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
Stickney-----	35	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39

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		Rating class and limiting features	Value	Rating class and limiting features	Value
DtA: Dudley-----	55	Very limited Flooding Restricted permeability Depth to saturated zone	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00
Tetonka-----	20	Very limited Restricted permeability Ponding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Depth to saturated zone	1.00 1.00
Du: Durrstein-----	85	Very limited Flooding Restricted permeability Depth to saturated zone	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00
Eg: Egas-----	85	Very limited Flooding Restricted permeability Depth to saturated zone	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00
Em: Elsmere-----	85	Very limited Depth to saturated zone Restricted permeability Filtering capacity	1.00 1.00 1.00	Very limited Seepage Depth to saturated zone	1.00 0.25
EnA: Enet-----	85	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
EnB: Enet-----	90	Very limited Filtering capacity	1.00	Very limited Seepage  Slope	1.00  0.32
FOA: Forestburg-----	85	Very limited Restricted permeability Depth to saturated zone Filtering capacity	1.00 1.00 1.00	Very limited Seepage  Depth to saturated zone	1.00  1.00
FOB: Forestburg-----	85	Very limited Restricted permeability Depth to saturated zone Filtering capacity	1.00 1.00 1.00	Very limited Seepage  Depth to saturated zone Slope	1.00  1.00 0.68
FrA: Forestburg-----	45	Very limited Restricted permeability Depth to saturated zone Filtering capacity	1.00 1.00 1.00	Very limited Seepage  Depth to saturated zone	1.00  1.00
Doger-----	35	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
FrB: Forestburg-----	50	Very limited Restricted permeability Depth to saturated zone Filtering capacity	1.00 1.00 1.00	Very limited Seepage  Depth to saturated zone Slope	1.00  1.00 0.68

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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
Doger-----	30	Very limited Filtering capacity	1.00	Very limited Seepage  Slope	1.00  0.68
Ga: Grat-----	85	Very limited Flooding Restricted permeability Depth to saturated zone Filtering capacity	1.00 1.00 1.00 1.00	Very limited Flooding Seepage  Depth to saturated zone	1.00 1.00  1.00
GbA: Bend-----	90	Somewhat limited Restricted permeability	0.82	Somewhat limited Seepage	0.50
GzB: Bend-----	65	Somewhat limited Restricted permeability	0.82	Somewhat limited Seepage  Slope	0.50  0.32
Edwin-----	35	Somewhat limited Restricted permeability	0.82	Somewhat limited Seepage  Slope	0.50  0.32
HaA: Hand-----	50	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage	0.50
Bonilla-----	35	Somewhat limited Depth to saturated zone Restricted permeability	0.94 0.68	Somewhat limited Seepage  Depth to saturated zone	0.50  0.39
HaB: Hand-----	55	Somewhat limited Restricted permeability	0.50	Somewhat limited Slope  Seepage	0.68  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	
Bonilla-----	30	Somewhat limited	0.94	Somewhat limited	0.50	
		Depth to saturated zone		0.68		Depth to saturated zone
		Restricted permeability				Slope
HbC: Hand-----	50	Somewhat limited Restricted permeability	0.50	Very limited	1.00	
				Slope	0.50	
Ethan-----	35	Somewhat limited Restricted permeability	0.68	Very limited	1.00	
				Slope	0.50	
HcB: Houdek-----	90	Very limited Restricted permeability	1.00	Somewhat limited	0.50	
				Seepage	0.32	
HdB: Houdek-----	50	Very limited Restricted permeability	1.00	Somewhat limited	0.68	
				Slope	0.50	
Dudley-----	35	Very limited Restricted permeability	1.00	Somewhat limited	0.68	
				Depth to saturated zone	0.94	Depth to saturated zone
HeB: Houdek-----	50	Very limited Restricted permeability	1.00	Somewhat limited	0.50	
				Seepage	0.32	
Ethan-----	35	Somewhat limited Restricted permeability	0.68	Somewhat limited	0.50	
				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		
HeC: Houdek-----	50	Very limited Restricted permeability	1.00	Very limited Slope	1.00		
				Seepage	0.50		
Ethan-----	40	Somewhat limited Restricted permeability	0.68	Very limited Slope	1.00		
				Seepage	0.50		
HoA: Houdek-----	50	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50		
Prosper-----	35			Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
		Depth to saturated zone	0.94	Depth to saturated zone	0.39		
HoB: Houdek-----	55	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50		
				Slope	0.32		
Prosper-----	30	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50		
				Depth to saturated zone	0.94	Depth to saturated zone	0.39
				Slope	0.32		
Hv: Hoven-----	90	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone Ponding	1.00		
						Depth to saturated zone	1.00
						Ponding	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
La: Ladelle-----	85	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 0.94 0.50	Very limited Flooding Seepage Depth to saturated zone	1.00 0.50 0.39
Lm: Lamo-----	90	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
LnA: Lane-----	90	Very limited Restricted permeability Depth to saturated zone Flooding	1.00 0.94 0.40	Somewhat limited Flooding Depth to saturated zone	0.40 0.39
Lo: Loup-----	90	Very limited Depth to saturated zone Filtering capacity Flooding	1.00 1.00 0.40	Very limited Seepage Depth to saturated zone Flooding	1.00 1.00 0.40
M-W: Miscellaneous Water-	100	Not rated		Not rated	
Mo: Mobridge-----	90	Somewhat limited Depth to saturated zone Restricted permeability	0.94 0.50	Somewhat limited Seepage Depth to saturated zone	0.50 0.39
OkB: Oko-----	90	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.92

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		Rating class and limiting features	Value	Rating class and limiting features	Value
OkD: Oko-----	90	Very limited Restricted permeability Slope	1.00 1.00	Very limited Slope	1.00
Pg: Orthents, Gravelly--	100	Very limited Filtering capacity Slope	1.00 1.00	Very limited Seepage Slope	1.00 1.00
PrA: Prosper-----	55	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Seepage Depth to saturated zone	0.50 0.39
Davison-----	25	Very limited Depth to saturated zone Restricted permeability	1.00 0.68	Somewhat limited Depth to saturated zone Seepage	0.96 0.50
Sh: Shue-----	85	Very limited Depth to saturated zone Restricted permeability Filtering capacity Flooding	1.00 1.00 1.00 0.40	Very limited Seepage Flooding Depth to saturated zone	1.00 0.40 0.25
Sp: Spottswood-----	85	Very limited Filtering capacity Depth to saturated zone Restricted permeability	1.00 1.00 0.50	Very limited Seepage Depth to saturated zone	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
St: Stickney-----	60	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
Jerould-----	25	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
Ta: Tetonka-----	100	Very limited Restricted permeability Ponding  Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding  Depth to saturated zone Seepage	1.00 1.00 0.50
Te: Tetonka-----	75	Very limited Restricted permeability Ponding  Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding  Depth to saturated zone	1.00 1.00
Hoven-----	20	Very limited Restricted permeability Depth to saturated zone Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Ponding	1.00 1.00
W: Water-----	100	Not rated		Not rated	
ZeC: Edwin-----	90	Somewhat limited Restricted permeability Slope	0.82 0.04	Very limited Slope  Seepage	1.00 0.50

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Map symbol and soil name	Pct. of map unit

