

Section II  
Soil and Site Information

Sanitary Facilities Table 1  
Douglas 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
Ar: Arlo-----	85	Very limited Flooding Depth to saturated zone Filtering capacity Restricted permeability	1.00 1.00 1.00 0.50	Very limited Flooding Seepage Depth to saturated zone	1.00 1.00 1.00
Ax: Arlo-----	90	Very limited Flooding Depth to saturated zone Filtering capacity Restricted permeability	1.00 1.00 1.00 0.50	Very limited Flooding Seepage Depth to saturated zone	1.00 1.00 1.00
BaB: Beadle-----	85	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.32
BeE: Betts-----	45	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope Seepage	1.00 0.50
Ethan-----	35	Very limited Slope Restricted permeability	1.00 0.68	Very limited Slope Seepage	1.00 0.50
Bn: Bon-----	85	Very limited Flooding Restricted permeability	1.00 0.50	Very limited Flooding Seepage	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
Bo: Bon-----	85	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 0.50	Very limited Flooding Seepage Depth to saturated zone	1.00 1.00 0.71
CeC: Clarno-----	50	Very limited Restricted permeability	1.00	Very limited Slope Seepage	1.00 0.50
Ethan-----	30	Somewhat limited Restricted permeability	0.68	Very limited Slope Seepage	1.00 0.50
CnA: Clarno-----	45	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
Ethan-----	20	Somewhat limited Restricted permeability	0.68	Somewhat limited Seepage	0.50
Prosper-----	15	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Seepage Depth to saturated zone	0.50 0.39
CnB: Clarno-----	40	Very limited Restricted permeability	1.00	Somewhat limited Seepage Slope	0.50 0.32
Ethan-----	30	Somewhat limited Restricted permeability	0.68	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
Prosper-----	15	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Seepage Depth to saturated zone	0.50 0.39
CpA: Clarno-----	65	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
Prosper-----	20	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Seepage Depth to saturated zone	0.50 0.39
CsA: Clarno-----	50	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
Stickney-----	20	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
Prosper-----	15	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Seepage Depth to saturated zone	0.50 0.39
DaB: Davis-----	85	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage Slope	0.50 0.32
DbA: Degrey-----	55	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39

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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
Walke-----	25	Very limited Restricted permeability	1.00	Not limited	
DeA: Delmont-----	85	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
DLB: Delmont-----	55	Very limited Filtering capacity	1.00	Very limited Seepage  Slope	1.00  0.32
Enet-----	30	Very limited Filtering capacity Restricted permeability	1.00  0.50	Very limited Seepage  Slope	1.00  0.32
DmC: Delmont-----	50	Very limited Filtering capacity	1.00	Very limited Seepage  Slope	1.00  0.32
Talmo-----	30	Very limited Filtering capacity	1.00	Very limited Seepage  Slope	1.00  1.00
Do: Dimo-----	85	Very limited Flooding Depth to saturated zone Filtering capacity Restricted permeability	1.00 1.00 1.00 0.50	Very limited Flooding Seepage  Depth to saturated zone	1.00 1.00  1.00
EaA: Eakin-----	60	Very limited Restricted permeability	1.00	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
Ethan-----	25	Somewhat limited Restricted permeability	0.68	Somewhat limited Seepage	0.50
EaB: Eakin-----	60	Very limited Restricted permeability	1.00	Somewhat limited Slope Seepage	0.68 0.50
Ethan-----	20	Somewhat limited Restricted permeability	0.68	Somewhat limited Slope Seepage	0.68 0.50
EaC: Eakin-----	55	Very limited Restricted permeability	1.00	Very limited Slope Seepage	1.00 0.50
Ethan-----	30	Somewhat limited Restricted permeability	0.68	Very limited Slope Seepage	1.00 0.50
EdA: Enet-----	55	Very limited Filtering capacity Restricted permeability	1.00 0.50	Very limited Seepage	1.00
Delmont-----	30	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
EtD: Ethan-----	50	Somewhat limited Restricted permeability Slope	0.68 0.63	Very limited Slope Seepage	1.00 0.50
Clarno-----	35	Very limited Restricted permeability Slope	1.00 0.63	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
Fa: Farmsworth-----	80	Very limited Restricted permeability Depth to saturated zone Flooding	1.00 1.00 0.40	Very limited Depth to saturated zone Flooding	1.00 0.40
HbA: Henkin-----	55	Not limited		Very limited Seepage	1.00
Blendon-----	25	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
HbB: Henkin-----	55	Not limited		Very limited Seepage Slope	1.00 0.32
Blendon-----	20	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.08
HeA: Highmore-----	50	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
Eakin-----	25	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
HeB: Highmore-----	45	Very limited Restricted permeability	1.00	Somewhat limited Seepage Slope	0.50 0.32
Eakin-----	35	Very limited Restricted permeability	1.00	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
HgA: Highmore-----	45	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
Walke-----	35	Very limited Restricted permeability	1.00	Not limited	
HhB: Homme-----	85	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.32
HmB: Homme-----	60	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.68
Ethan-----	25	Somewhat limited Restricted permeability	0.68	Somewhat limited Slope Seepage	0.68 0.50
HnA: Homme-----	60	Very limited Restricted permeability	1.00	Not limited	
Onita-----	25	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
Hv: Hoven-----	85	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
La: Lane-----	80	Very limited Restricted permeability	1.00	Not limited	

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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
M-W: Miscellaneous Water Area-----	100	Not rated		Not rated	
Ma: Macken-----	85	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
Na: Napa-----	80	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
Oa: Onita-----	85	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
On: Onita-----	50	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
Tetonka-----	30	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

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		Rating class and limiting features	Value	Rating class and limiting features	Value
Pg: Orthents, Gravelly--	100	Very limited Filtering capacity Slope	1.00 1.00	Very limited Seepage Slope	1.00 1.00
Pt: 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
Tetonka-----	25	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
TaC: Talmo-----	100	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 1.00
Te: Tetonka-----	85	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
W: Water (less Than 40 Acres)-----	100	Not rated		Not rated	

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		Rating class and limiting features	Value	Rating class and limiting features	Value
Wo: Worthing-----	85	Very limited		Very limited	
		Restricted	1.00	Ponding	1.00
		permeability			
		Ponding	1.00	Depth to	1.00
		Depth to		saturated zone	
		saturated zone	1.00		
Wp: Worthing-----	100	Very limited		Very limited	
		Restricted	1.00	Ponding	1.00
		permeability			
		Ponding	1.00	Depth to	1.00
		Depth to		saturated zone	
		saturated zone	1.00		

