

Section II  
Soil and Site Information

Beadle County, South Dakota  
Sanitary Facilities Table 2

(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	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ao: Worthing-----	100	Very limited Depth to saturated zone Ponding Too clayey	1.00 1.00 1.00	Very limited Ponding Depth to saturated zone	1.00 1.00	Very limited Ponding Depth to saturated zone Too clayey	1.00 1.00 1.00
BaA: Beadle-----	85	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
BaB: Beadle-----	85	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
BaC: Beadle-----	90	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
BdA: Beadle-----	55	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
Dudley-----	30	Very limited Depth to saturated zone Sodium content Too clayey	1.00 1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Sodium content Too clayey	1.00 0.50
BeD: Betts-----	85	Very limited Slope Too clayey	1.00 0.50	Very limited Slope	1.00	Very limited Slope Too clayey	1.00 0.50
BfD: Betts-----	45	Very limited Slope Too clayey	1.00 0.50	Very limited Slope	1.00	Very limited Slope Too clayey	1.00 0.50
Ethan-----	40	Somewhat limited Slope Too clayey	0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope Too clayey	0.63 0.50
BnA: Blendon-----	85	Very limited Too Sandy Seepage	1.00 1.00	Very limited Seepage	1.00	Very limited Seepage Too Sandy	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Bo: Bon-----	90	Very limited Flooding Depth to saturated zone Seepage Too clayey	1.00 1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00	Somewhat limited Too clayey Seepage	0.50 0.21
Bx: Bon-----	90	Very limited Flooding Depth to saturated zone Seepage Too clayey	1.00 1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00	Somewhat limited Too clayey Seepage	0.50 0.21
CaA: Carthage-----	85	Somewhat limited Too clayey Depth to saturated zone	0.50 0.09	Very limited Seepage	1.00	Somewhat limited Too clayey	0.50
CaB: Carthage-----	85	Somewhat limited Too clayey Depth to saturated zone	0.50 0.09	Very limited Seepage	1.00	Somewhat limited Too clayey	0.50
CaC: Carthage-----	85	Somewhat limited Too clayey Depth to saturated zone	0.50 0.09	Very limited Seepage	1.00	Somewhat limited Too clayey	0.50
CbA: Carthage-----	50	Somewhat limited Too clayey Depth to saturated zone	0.50 0.09	Very limited Seepage	1.00	Somewhat limited Too clayey	0.50
Blendon-----	35	Very limited Too Sandy Seepage	1.00 1.00	Very limited Seepage	1.00	Very limited Seepage Too Sandy	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
CbB: Carthage-----	55	Somewhat limited Too clayey Depth to saturated zone	0.50 0.09	Very limited Seepage	1.00	Somewhat limited Too clayey	0.50
Blendon-----	30	Very limited Too Sandy Seepage	1.00 1.00	Very limited Seepage	1.00	Very limited Seepage Too Sandy	1.00 0.50
DaB: Davis-----	100	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
DeA: Delmont-----	85	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Too Sandy Seepage Gravel content	1.00 1.00 0.12
DfB: Delmont-----	65	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Too Sandy Seepage Gravel content	1.00 1.00 0.12
Talmo-----	20	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Too Sandy Seepage Gravel content	1.00 1.00 0.99
Dg: Doger-----	85	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Too Sandy Seepage	1.00 1.00
DkA: Dudley-----	50	Very limited Depth to saturated zone Sodium content Too clayey	1.00 1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Sodium content Too clayey	1.00 0.50
Jerauld-----	35	Very limited Sodium content Too clayey	1.00 0.50	Not limited		Somewhat limited Too clayey	0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
DsA: Dudley-----	45	Very limited Depth to saturated zone Sodium content Too clayey	1.00 1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Sodium content Too clayey	1.00 0.50
Stickney-----	35	Very limited Depth to saturated zone Too clayey	1.00 0.50	Very limited Depth to saturated zone	1.00	Somewhat limited Too clayey	0.50
DtA: Dudley-----	55	Very limited Flooding Depth to saturated zone Sodium content Too clayey	1.00 1.00 1.00 0.50	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Sodium content Too clayey Depth to saturated zone	1.00 0.50 0.09
Tetonka-----	20	Very limited Depth to saturated zone Ponding Too clayey	1.00 1.00 1.00	Very limited Ponding Depth to saturated zone	1.00 1.00	Very limited Ponding Depth to saturated zone Too clayey	1.00 1.00 1.00
Du: Durrstein-----	85	Very limited Flooding Depth to saturated zone Sodium content Too clayey	1.00 1.00 1.00 0.50	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Sodium content Too clayey	1.00 1.00 0.50
Eg: Egas-----	85	Very limited Flooding Depth to saturated zone Too clayey	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Too clayey	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Em: Elsmere-----	85	Very limited Too Sandy Depth to saturated zone	1.00 1.00	Very limited Seepage Depth to saturated zone	1.00 0.75	Very limited Too Sandy Seepage Depth to saturated zone	1.00 1.00 0.86
EnA: Enet-----	85	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Too Sandy Seepage	1.00 1.00
EnB: Enet-----	90	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Too Sandy Seepage	1.00 1.00
FoA: Forestburg-----	85	Somewhat limited Depth to saturated zone	0.24	Very limited Seepage	1.00	Somewhat limited Depth to saturated zone	0.02
FoB: Forestburg-----	85	Somewhat limited Depth to saturated zone	0.24	Very limited Seepage	1.00	Somewhat limited Depth to saturated zone	0.02
FrA: Forestburg-----	45	Somewhat limited Depth to saturated zone	0.24	Very limited Seepage	1.00	Somewhat limited Depth to saturated zone	0.02
Doger-----	35	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Too Sandy Seepage	1.00 1.00
FrB: Forestburg-----	50	Somewhat limited Depth to saturated zone	0.24	Very limited Seepage	1.00	Somewhat limited Depth to saturated zone	0.02
Doger-----	30	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Too Sandy Seepage	1.00 1.00

Section II  
Soil and Site Information

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ga: Grat-----	85	Very limited Flooding Depth to saturated zone Too Sandy	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00	Very limited Too Sandy Seepage Depth to saturated zone	1.00 1.00 1.00
GbA: Bend-----	90	Not limited		Not limited		Not limited	
GzB: Bend-----	65	Not limited		Not limited		Not limited	
Edwin-----	35	Very limited Too Sandy	1.00	Not limited		Somewhat limited Too Sandy	0.50
HaA: Hand-----	50	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
Bonilla-----	35	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
HaB: Hand-----	55	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
Bonilla-----	30	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
HbC: Hand-----	50	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
Ethan-----	35	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
HcB: Houdek-----	90	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
HdB: Houdek-----	50	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50

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Soil and Site Information

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Dudley-----	35	Very limited Depth to saturated zone Sodium content Too clayey	1.00 1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Sodium content Too clayey	1.00 0.50
HeB: Houdek-----	50	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
Ethan-----	35	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
HeC: Houdek-----	50	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
Ethan-----	40	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
HoA: Houdek-----	50	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
Prosper-----	35	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
HoB: Houdek-----	55	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
Prosper-----	30	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
Hv: Hoven-----	90	Very limited Depth to saturated zone Ponding Too clayey	1.00 1.00 0.50	Very limited Depth to saturated zone Ponding	1.00 1.00	Very limited Depth to saturated zone Ponding Too clayey	1.00 1.00 0.50
La: Ladelle-----	85	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Lm: Lamo-----	90	Very limited Flooding	1.00	Very limited Flooding	1.00	Somewhat limited Depth to saturated zone	0.86
		Depth to saturated zone Too clayey	1.00 0.50	Depth to saturated zone	1.00	Too clayey	0.50
LnA: Lane-----	90	Very limited Too clayey Flooding	1.00 0.40	Somewhat limited Flooding	0.40	Very limited Too clayey	1.00
Lo: Loup-----	90	Very limited Depth to saturated zone Seepage Too Sandy	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage Flooding	1.00 1.00 0.40	Very limited Too Sandy Seepage Depth to saturated zone	1.00 1.00 1.00
M-W: Miscellaneous Water--	100	Not rated		Not rated		Not rated	
Mo: Mobridge-----	90	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
OkB: Oko-----	90	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
OkD: Oko-----	90	Very limited Too clayey Slope	1.00 1.00	Very limited Slope	1.00	Very limited Too clayey Slope	1.00 1.00
Pg: Orthents, Gravelly--	100	Very limited Seepage Too Sandy Slope	1.00 1.00 1.00	Very limited Seepage Slope	1.00 1.00	Very limited Seepage Slope Gravel content Too Sandy	1.00 1.00 0.68 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
PrA: Prosper-----	55	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
Davison-----	25	Somewhat limited Depth to saturated zone Too clayey	0.68 0.50	Somewhat limited Depth to saturated zone	0.04	Somewhat limited Too clayey Depth to saturated zone	0.50 0.25
Sh: Shue-----	85	Very limited Depth to saturated zone Too clayey Flooding	1.00 0.50 0.40	Very limited Seepage Depth to saturated zone Flooding	1.00 0.75 0.40	Somewhat limited Depth to saturated zone Too clayey	0.86 0.50
Sp: Spottswood-----	85	Very limited Depth to saturated zone Seepage Too Sandy	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 1.00	Very limited Too Sandy Seepage Gravel content	1.00 1.00 0.01
St: Stickney-----	60	Very limited Depth to saturated zone Too clayey	1.00 0.50	Very limited Depth to saturated zone	1.00	Somewhat limited Too clayey	0.50
Jerauld-----	25	Very limited Sodium content Too clayey	1.00 0.50	Not limited		Somewhat limited Too clayey	0.50
Ta: Tetonka-----	100	Very limited Depth to saturated zone Ponding Too clayey	1.00 1.00 1.00	Very limited Ponding Depth to saturated zone	1.00 1.00	Very limited Ponding Depth to saturated zone Too clayey	1.00 1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Te: Tetonka-----	75	Very limited Depth to saturated zone Ponding Too clayey	1.00 1.00 1.00	Very limited Ponding Depth to saturated zone	1.00 1.00	Very limited Ponding Depth to saturated zone Too clayey	1.00 1.00 1.00
Hoven-----	20	Very limited Depth to saturated zone Ponding Too clayey	1.00 1.00 0.50	Very limited Depth to saturated zone Ponding	1.00 1.00	Very limited Depth to saturated zone Ponding Too clayey	1.00 1.00 0.50
W: Water-----	100	Not rated		Not rated		Not rated	
ZeC: Edwin-----	90	Very limited Too Sandy Slope	1.00 0.04	Somewhat limited Slope	0.04	Somewhat limited Too Sandy Slope	0.50 0.04

