

Ag. Waste Application and Excavated Ponds
Custer and Pennington
Counties, Praire Parts, 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	Application of manure and food-processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
AaA: Altvan-----	90	Very limited Filtering capacity	1.00	Very limited Deep to water	1.00
AaB: Altvan-----	90	Very limited Filtering capacity	1.00	Very limited Deep to water	1.00
AaC: Altvan-----	85	Very limited Filtering capacity	1.00	Very limited Deep to water	1.00
ArA: Arvada-----	90	Very limited Restricted permeability Sodium content Runoff limitation Droughty	1.00 1.00 0.40 0.01	Very limited Deep to water	1.00
BaA: Baca-----	85	Somewhat limited Restricted permeability	0.30	Very limited Deep to water	1.00
Bb: Badland-----	85	Not rated		Not rated	
BcB: Bankard-----	85	Very limited Filtering capacity Droughty Leaching limitation	1.00 0.61 0.45	Very limited Deep to water	1.00

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
BfA: Beckton-----	90	Very limited Restricted permeability Sodium content Salinity Runoff limitation	1.00 1.00 0.50 0.40	Very limited Deep to water	1.00
BhA: Beckton-----	50	Very limited Restricted permeability Sodium content Salinity Runoff limitation	1.00 1.00 0.50 0.40	Very limited Deep to water	1.00
Arvada-----	35	Very limited Restricted permeability Sodium content Runoff limitation Droughty	1.00 1.00 0.40 0.01	Very limited Deep to water	1.00
BkA: Blackpipe-----	85	Somewhat limited Droughty Depth to bedrock Restricted permeability	0.46 0.42 0.30	Very limited Deep to water	1.00
BkB: Blackpipe-----	85	Somewhat limited Droughty Depth to bedrock Restricted permeability	0.46 0.42 0.30	Very limited Deep to water	1.00
BlA: Blackpipe-----	85	Somewhat limited Depth to bedrock Restricted permeability Droughty	0.42 0.30 0.25	Very limited Deep to water	1.00

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
B1B: Blackpipe-----	85	Somewhat limited Depth to bedrock Restricted permeability Droughty	0.42 0.30 0.25	Very limited Deep to water	1.00
BnC: Blackpipe-----	50	Somewhat limited Depth to bedrock Restricted permeability Droughty	0.42 0.30 0.25	Very limited Deep to water	1.00
Norrest-----	35	Somewhat limited Droughty Depth to bedrock Restricted permeability	0.60 0.42 0.30	Very limited Deep to water	1.00
BoA: Blackpipe-----	50	Somewhat limited Droughty Depth to bedrock Restricted permeability	0.46 0.42 0.30	Very limited Deep to water	1.00
Wortman-----	35	Very limited Restricted permeability Sodium content Salinity Droughty Depth to bedrock	1.00 1.00 0.50 0.44 0.42	Very limited Deep to water	1.00
BoB: Blackpipe-----	50	Somewhat limited Depth to bedrock Restricted permeability Droughty	0.42 0.30 0.25	Very limited Deep to water	1.00
Wortman-----	40	Very limited Restricted permeability Sodium content Droughty Salinity Depth to bedrock	1.00 1.00 0.62 0.50 0.42	Very limited Deep to water	1.00

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Bp: Bridgeport-----	85	Not limited		Very limited Deep to water	1.00
Ca: Cactusflat-----	90	Very limited Restricted permeability Sodium content Salinity	1.00 1.00 0.01	Very limited Deep to water	1.00
Cb: Cactusflat-----	50	Very limited Restricted permeability Sodium content Salinity	1.00 1.00 0.01	Very limited Deep to water	1.00
Weta-----	35	Very limited Restricted permeability Sodium content Runoff limitation Salinity	1.00 1.00 0.40 0.01	Very limited Deep to water	1.00
CeA: Cedarpass-----	85	Very limited Sodium content Restricted permeability	1.00 0.30	Very limited Deep to water	1.00
CfA: Cedarpass-----	50	Very limited Sodium content Restricted permeability	1.00 0.30	Very limited Deep to water	1.00
Denby-----	35	Very limited Restricted permeability Sodium content	1.00 1.00	Very limited Deep to water	1.00
Ch: Cedarpass-----	40	Very limited Sodium content Restricted permeability	1.00 0.30	Very limited Deep to water	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
Interior-----	25	Very limited Flooding Sodium content	1.00 1.00	Very limited Deep to water	1.00
Badland-----	20	Not rated		Not rated	
ClF: Colby-----	90	Very limited Slope	1.00	Very limited Deep to water	1.00
CmC: Colby-----	55	Somewhat limited Slope	0.37	Very limited Deep to water	1.00
Norka-----	30	Somewhat limited Restricted permeability	0.30	Very limited Deep to water	1.00
Cn: Colombo-----	85	Not limited		Very limited Deep to water	1.00
Co: Colombo-----	90	Somewhat limited Flooding	0.60	Very limited Deep to water	1.00
Cp: Colombo-----	50	Not limited		Very limited Deep to water	1.00
Urban Land-----	40	Not rated		Not rated	
CuD: Conata-----	50	Very limited Restricted permeability Depth to bedrock Droughty Slope Runoff limitation	1.00 1.00 1.00 1.00 0.40	Very limited Deep to water	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
Hisle-----	35	Very limited Restricted permeability Sodium content Droughty Depth to bedrock Runoff limitation	1.00 1.00 1.00 0.42 0.40	Very limited Deep to water	1.00
CyC: Cushman-----	85	Somewhat limited Depth to bedrock Droughty	0.42 0.04	Very limited Deep to water	1.00
CzD: Cushman-----	45	Somewhat limited Slope Depth to bedrock Droughty	0.84 0.42 0.04	Very limited Deep to water	1.00
Shingle-----	35	Very limited Depth to bedrock Droughty Slope Runoff limitation	1.00 1.00 0.84 0.40	Very limited Deep to water	1.00
DmA: Denby-----	85	Very limited Restricted permeability Sodium content	1.00 1.00	Very limited Deep to water	1.00
Eg: Egas-----	90	Very limited Restricted permeability Depth to saturated zone Salinity Flooding Runoff limitation	1.00 1.00 0.78 0.60 0.40	Very limited Slow refill Salty water Cutbanks cave	1.00 0.78 0.10
EmA: Emigrant-----	90	Somewhat limited Depth to bedrock Restricted permeability Droughty	0.42 0.30 0.18	Very limited Deep to water	1.00

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
EmB: Emigrant-----	90	Somewhat limited Depth to bedrock Restricted permeability Droughty	0.42 0.30 0.18	Very limited Deep to water	1.00
EnD: Enning-----	50	Very limited Depth to bedrock Droughty Slope Runoff limitation	1.00 1.00 1.00 0.40	Very limited Deep to water	1.00
Minnequa-----	35	Somewhat limited Slope Droughty Depth to bedrock Sodium content Salinity	0.63 0.61 0.42 0.32 0.01	Very limited Deep to water	1.00
FaE: Fairburn-----	85	Very limited Depth to bedrock Droughty Slope Runoff limitation Low adsorption	1.00 1.00 1.00 0.40 0.04	Very limited Deep to water	1.00
FgE: Fairburn-----	85	Very limited Slope Depth to bedrock Droughty Runoff limitation Low adsorption	1.00 1.00 1.00 0.40 0.10	Very limited Deep to water	1.00
FhE: Fairburn-----	50	Very limited Depth to bedrock Droughty Slope Runoff limitation Low adsorption	1.00 1.00 1.00 0.40 0.04	Very limited Deep to water	1.00

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Badland-----	30	Not rated		Not rated	
FOF: Fairburn-----	40	Very limited Slope 1.00 Depth to bedrock 1.00 Droughty 1.00 Runoff limitation 0.40 Low adsorption 0.04		Very limited Deep to water	1.00
Orella-----	25	Very limited Slope 1.00 Restricted permeability 1.00 Depth to bedrock 1.00 Droughty 1.00 Sodium content 1.00		Very limited Deep to water	1.00
Badland-----	20	Not rated		Not rated	
Gb: Glenberg-----	90	Not limited		Very limited Deep to water	1.00
GrE: Grummit-----	55	Very limited Slope 1.00 Depth to bedrock 1.00 Droughty 1.00 Too acid 0.78 Runoff limitation 0.40		Very limited Deep to water	1.00
Rock Outcrop, Acid--	30	Not rated		Not rated	

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		Rating class and limiting features	Value	Rating class and limiting features	Value
GsD: Grummit-----	55	Very limited Depth to bedrock Droughty Slope Too acid Runoff limitation	1.00 1.00 1.00 0.78 0.40	Very limited Deep to water	1.00
Urban Land-----	30	Not rated		Not rated	
Ha: Haverson-----	90	Not limited		Very limited Deep to water	1.00
Hc: Haverson-----	90	Very limited Flooding	1.00	Very limited Deep to water	1.00
HpB: Hisle-----	90	Very limited Restricted permeability Sodium content Droughty Depth to bedrock Runoff limitation	1.00 1.00 1.00 0.42 0.40	Very limited Deep to water	1.00
HrC: Hisle-----	45	Very limited Restricted permeability Sodium content Droughty Depth to bedrock Runoff limitation	1.00 1.00 1.00 0.42 0.40	Very limited Deep to water	1.00
Rock Outcrop, Soft--	35	Not rated		Not rated	

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		Rating class and limiting features	Value	Rating class and limiting features	Value
HsB: Hisle-----	65	Very limited Restricted permeability Sodium content Droughty Depth to bedrock Runoff limitation	1.00 1.00 1.00 0.42 0.40	Very limited Deep to water	1.00
Slickspots, Dry-----	20	Not rated		Not rated	
Hv: Hoven-----	85	Very limited Restricted permeability Depth to saturated zone Ponding Sodium content Salinity	1.00 1.00 1.00 1.00 0.50	Somewhat limited Salty water Slow refill Cutbanks cave	0.50 0.30 0.10
Hv: Hoven Variant-----	85	Very limited Restricted permeability Ponding Depth to saturated zone Runoff limitation Droughty	1.00 1.00 1.00 0.40 0.08	Somewhat limited Slow refill Cutbanks cave	0.95 0.10
In: Interior-----	90	Very limited Sodium content	1.00	Very limited Deep to water	1.00
Io: Interior-----	90	Very limited Flooding Sodium content	1.00 1.00	Very limited Deep to water	1.00
IrB: Interior-----	30	Very limited Flooding Sodium content	1.00 1.00	Very limited Deep to water	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
Cedarpass-----	25	Very limited Sodium content Restricted permeability	1.00 0.30	Very limited Deep to water	1.00
Denby-----	25	Very limited Restricted permeability Sodium content	1.00 1.00	Very limited Deep to water	1.00
JaA: Jayem-----	90	Not limited		Very limited Deep to water	1.00
JaC: Jayem-----	85	Not limited		Very limited Deep to water	1.00
KtA: Kyle-----	90	Very limited Restricted permeability Runoff limitation Sodium content	1.00 0.40 0.32	Very limited Deep to water	1.00
KyA: Kyle-----	90	Very limited Restricted permeability Runoff limitation Sodium content	1.00 0.40 0.32	Very limited Deep to water	1.00
KyB: Kyle-----	85	Very limited Restricted permeability Runoff limitation Sodium content	1.00 0.40 0.32	Very limited Deep to water	1.00
KyC: Kyle-----	85	Very limited Restricted permeability Runoff limitation Sodium content	1.00 0.40 0.32	Very limited Deep to water	1.00

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
LaB: Larvie-----	90	Very limited Restricted permeability Droughty Depth to bedrock Runoff limitation Salinity	1.00 1.00 0.42 0.40 0.01	Very limited Deep to water	1.00
LaD: Larvie-----	85	Very limited Restricted permeability Droughty Depth to bedrock Runoff limitation Slope	1.00 1.00 0.42 0.40 0.37	Very limited Deep to water	1.00
LhC: Larvie-----	50	Very limited Restricted permeability Droughty Depth to bedrock Runoff limitation Salinity	1.00 1.00 0.42 0.40 0.01	Very limited Deep to water	1.00
Hisle-----	35	Very limited Restricted permeability Sodium content Droughty Depth to bedrock Runoff limitation	1.00 1.00 1.00 0.42 0.40	Very limited Deep to water	1.00
Lo: Lohmiller-----	85	Somewhat limited Restricted permeability Salinity	0.89 0.01	Very limited Deep to water	1.00
Lp: Lohmiller-----	90	Very limited Restricted permeability Flooding	1.00 0.60	Very limited Deep to water	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
M-W: Miscellaneous Water-	100	Not rated		Not rated	
MaB: Manvel-----	85	Somewhat limited Restricted permeability	0.30	Very limited Deep to water	1.00
MeC: Manvel-----	55	Somewhat limited Restricted permeability	0.30	Very limited Deep to water	1.00
Minnequa-----	30	Somewhat limited Droughty Depth to bedrock Sodium content Salinity	0.61 0.42 0.32 0.01	Very limited Deep to water	1.00
MgC: Manvel-----	50	Somewhat limited Restricted permeability	0.30	Very limited Deep to water	1.00
Urban Land-----	35	Not rated		Not rated	
MoE: Midway-----	85	Very limited Slope Depth to bedrock Droughty Restricted permeability Sodium content	1.00 1.00 1.00 0.89 0.50	Very limited Deep to water	1.00
MosE: Midway-----	85	Very limited Slope Restricted permeability Depth to bedrock Droughty Cobble content	1.00 1.00 1.00 1.00 0.50	Very limited Deep to water	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
MpD: Midway-----	55	Very limited Depth to bedrock Droughty Slope Restricted permeability Sodium content	1.00 1.00 1.00 0.89 0.50	Very limited Deep to water	1.00
Urban Land-----	30	Not rated		Not rated	
MrC: Minnequa-----	60	Somewhat limited Droughty Depth to bedrock Sodium content Salinity	0.61 0.42 0.32 0.01	Very limited Deep to water	1.00
Penrose-----	30	Very limited Depth to bedrock Droughty Sodium content Runoff limitation Low adsorption	1.00 1.00 0.50 0.40 0.01	Very limited Deep to water	1.00
NdE: Nihill-----	85	Very limited Slope Droughty	1.00 0.15	Very limited Deep to water	1.00
NeD: Nihill-----	80	Very limited Slope Droughty	1.00 0.24	Very limited Deep to water	1.00
NgA: Norka-----	90	Somewhat limited Restricted permeability	0.30	Very limited Deep to water	1.00
NgB: Norka-----	90	Somewhat limited Restricted permeability	0.30	Very limited Deep to water	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
NhA: Norka-----	50	Somewhat limited Restricted permeability	0.30	Very limited Deep to water	1.00
Weta-----	35	Very limited Restricted permeability Sodium content Runoff limitation Salinity	1.00 1.00 0.40 0.01	Very limited Deep to water	1.00
NkD: Norrest-----	85	Somewhat limited Droughty Depth to bedrock Slope Restricted permeability	0.60 0.42 0.37 0.30	Very limited Deep to water	1.00
NuA: Nunn-----	90	Very limited Restricted permeability	1.00	Very limited Deep to water	1.00
NuB: Nunn-----	90	Very limited Restricted permeability	1.00	Very limited Deep to water	1.00
NuC: Nunn-----	85	Very limited Restricted permeability	1.00	Very limited Deep to water	1.00
NvA: Nunn-----	55	Very limited Restricted permeability	1.00	Very limited Deep to water	1.00
Beckton-----	35	Very limited Restricted permeability Sodium content Salinity Runoff limitation	1.00 1.00 0.50 0.40	Very limited Deep to water	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
NvC: Nunn-----	50	Very limited Restricted permeability	1.00	Very limited Deep to water	1.00
Beckton-----	35	Very limited Restricted permeability Sodium content Salinity Runoff limitation	1.00 1.00 0.50 0.40	Very limited Deep to water	1.00
NwA: Nunn-----	60	Very limited Restricted permeability	1.00	Very limited Deep to water	1.00
Urban Land-----	30	Not rated		Not rated	
ObE: Orella-----	50	Very limited Restricted permeability Depth to bedrock Droughty Slope Sodium content	1.00 1.00 1.00 1.00 1.00	Very limited Deep to water	1.00
Badland-----	35	Not rated		Not rated	
OeE: Orella-----	35	Very limited Restricted permeability Depth to bedrock Droughty Sodium content Slope	1.00 1.00 1.00 1.00 0.84	Very limited Deep to water	1.00

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Interior-----	30	Very limited Flooding Sodium content	1.00 1.00	Very limited Deep to water	1.00
Badland-----	20	Not rated		Not rated	
OtA: Ottumwa-----	90	Very limited Restricted permeability Runoff limitation Droughty	1.00 0.40 0.13	Very limited Deep to water	1.00
OtB: Ottumwa-----	85	Very limited Restricted permeability Runoff limitation Droughty	1.00 0.40 0.13	Very limited Deep to water	1.00
OvC: Ottumwa-----	55	Very limited Restricted permeability Runoff limitation Droughty	1.00 0.40 0.13	Very limited Deep to water	1.00
Razor-----	30	Very limited Restricted permeability Droughty Depth to bedrock	1.00 0.44 0.42	Very limited Deep to water	1.00
Ow: Owanka-----	90	Somewhat limited Restricted permeability	0.30	Very limited Deep to water	1.00
Ox: Owanka-----	50	Somewhat limited Restricted permeability	0.30	Very limited Deep to water	1.00

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Beckton-----	40	Very limited Restricted permeability Sodium content Salinity Runoff limitation	1.00 1.00 0.50 0.40	Very limited Deep to water	1.00
PeF: Penrose-----	65	Very limited Slope Depth to bedrock Droughty Sodium content Runoff limitation	1.00 1.00 1.00 0.50 0.40	Very limited Deep to water	1.00
Rock Outcrop, Sandy-	25	Not rated		Not rated	
PeB: Pierre-----	90	Very limited Restricted permeability Droughty Depth to bedrock Runoff limitation Sodium content	1.00 1.00 0.42 0.40 0.18	Very limited Deep to water	1.00
PeC: Pierre-----	85	Very limited Restricted permeability Droughty Depth to bedrock Runoff limitation Sodium content	1.00 1.00 0.42 0.40 0.18	Very limited Deep to water	1.00
PeD: Pierre-----	85	Very limited Restricted permeability Droughty Slope Depth to bedrock Runoff limitation	1.00 1.00 0.63 0.42 0.40	Very limited Deep to water	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
PgD: Pierre-----	65	Very limited Restricted permeability Droughty Slope Depth to bedrock Runoff limitation	1.00 1.00 0.63 0.42 0.40	Very limited Deep to water	1.00
Grummit-----	30	Very limited Depth to bedrock Droughty Too acid Runoff limitation Low adsorption	1.00 1.00 0.78 0.40 0.39	Very limited Deep to water	1.00
PhB: Pierre-----	55	Very limited Restricted permeability Droughty Depth to bedrock Runoff limitation Sodium content	1.00 1.00 0.42 0.40 0.18	Very limited Deep to water	1.00
Hisle-----	35	Very limited Restricted permeability Sodium content Droughty Depth to bedrock Runoff limitation	1.00 1.00 1.00 0.42 0.40	Very limited Deep to water	1.00
PkC: Pierre-----	60	Very limited Restricted permeability Droughty Slope Depth to bedrock Runoff limitation	1.00 1.00 0.63 0.42 0.40	Very limited Deep to water	1.00
Urban Land-----	35	Not rated		Not rated	

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		Rating class and limiting features	Value	Rating class and limiting features	Value
Ps: Orthents, Gravelly--	100	Very limited Slope Filtering capacity Droughty Leaching limitation	1.00 1.00 0.71 0.45	Very limited Deep to water	1.00
RaB: Razor-----	85	Very limited Restricted permeability Droughty Depth to bedrock	1.00 0.44 0.42	Very limited Deep to water	1.00
RaC: Razor-----	85	Very limited Restricted permeability Droughty Depth to bedrock	1.00 0.44 0.42	Very limited Deep to water	1.00
RbD: Razor-----	50	Very limited Restricted permeability Slope Droughty Depth to bedrock	1.00 0.63 0.44 0.42	Very limited Deep to water	1.00
Midway-----	35	Very limited Depth to bedrock Droughty Restricted permeability Sodium content Runoff limitation	1.00 1.00 0.89 0.50 0.40	Very limited Deep to water	1.00
Rv: Riverwash-----	85	Not rated		Not rated	

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SbF: Samsil-----	85	Very limited Slope Restricted permeability Depth to bedrock Droughty Runoff limitation	1.00 1.00 1.00 1.00 0.40	Very limited Deep to water	1.00
ScE: Samsil-----	55	Very limited Slope Restricted permeability Depth to bedrock Droughty Runoff limitation	1.00 1.00 1.00 1.00 0.40	Very limited Deep to water	1.00
Pierre-----	30	Very limited Restricted permeability Slope Droughty Depth to bedrock Runoff limitation	1.00 1.00 1.00 1.00 0.42 0.40	Very limited Deep to water	1.00
SdF: Samsil-----	55	Very limited Slope Restricted permeability Depth to bedrock Droughty Runoff limitation	1.00 1.00 1.00 1.00 0.40	Very limited Deep to water	1.00
Rock Outcrop, Soft--	30	Not rated		Not rated	
SeA: Satanta-----	90	Not limited		Very limited Deep to water	1.00
SeB: Satanta-----	90	Not limited		Very limited Deep to water	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
SeC: Satanta-----	85	Not limited		Very limited Deep to water	1.00
SgA: Satanta-----	55	Not limited		Very limited Deep to water	1.00
Beckton-----	35	Very limited Restricted permeability Sodium content Salinity Runoff limitation	1.00 1.00 0.50 0.40	Very limited Deep to water	1.00
SkA: Satanta-----	45	Not limited		Very limited Deep to water	1.00
Urban Land-----	45	Not rated		Not rated	
SkB: Satanta-----	45	Not limited		Very limited Deep to water	1.00
Urban Land-----	45	Not rated		Not rated	
SmA: Savo-----	90	Somewhat limited Restricted permeability	0.30	Very limited Deep to water	1.00
SmB: Savo-----	90	Somewhat limited Restricted permeability	0.30	Very limited Deep to water	1.00
SmC: Savo-----	85	Somewhat limited Restricted permeability	0.30	Very limited Deep to water	1.00

Ag. Waste Application and Excavated Ponds -- continued
Custer and Pennington
Counties, Praire Parts, South
Dakota

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
SoB: Savo-----	55	Somewhat limited Restricted permeability	0.30	Very limited Deep to water	1.00
Urban Land-----	35	Not rated		Not rated	
StE: Schamber-----	55	Very limited Slope Filtering capacity Droughty Leaching limitation	1.00 1.00 1.00 0.45	Very limited Deep to water	1.00
Samsil-----	30	Very limited Slope Restricted permeability Depth to bedrock Droughty Runoff limitation	1.00 1.00 1.00 1.00 0.40	Very limited Deep to water	1.00
SuE: Shingle-----	85	Very limited Slope Depth to bedrock Droughty Runoff limitation	1.00 1.00 1.00 0.40	Very limited Deep to water	1.00
SvF: Shingle-----	50	Very limited Slope Depth to bedrock Droughty Runoff limitation	1.00 1.00 1.00 0.40	Very limited Deep to water	1.00
Rock Outcrop, Sandstone-----	35	Not rated		Not rated	

Ag. Waste Application and Excavated Ponds -- continued
Custer and Pennington
Counties, Praire Parts, South
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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
SzB: Swanboy-----	90	Very limited Restricted permeability Runoff limitation Salinity Droughty	1.00 0.40 0.35 0.05	Very limited Deep to water	1.00
TfA: Tilford-----	90	Not limited		Very limited Deep to water	1.00
VbD: Valent-----	90	Very limited Slope Filtering capacity Leaching limitation Droughty	1.00 1.00 0.45 0.25	Very limited Deep to water	1.00
VbwB: Valent-----	50	Very limited Filtering capacity Leaching limitation Droughty	1.00 0.45 0.25	Very limited Deep to water	1.00
Wortman-----	30	Very limited Restricted permeability Sodium content Filtering capacity Droughty Leaching limitation	1.00 1.00 1.00 0.80 0.45	Very limited Deep to water	1.00
W: Water-----	100	Not rated		Not rated	

Ag. Waste Application and Excavated Ponds -- continued
Custer and Pennington
Counties, Praire Parts, South
Dakota

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
WaA: Wanblee-----	90	Very limited Restricted permeability Salinity Droughty Depth to bedrock Runoff limitation	1.00 0.50 0.48 0.42 0.40	Very limited Deep to water	1.00
WbB: Wanblee-----	55	Very limited Restricted permeability Salinity Droughty Depth to bedrock Runoff limitation	1.00 0.50 0.48 0.42 0.40	Very limited Deep to water	1.00
Wortman-----	30	Very limited Restricted permeability Sodium content Droughty Salinity Depth to bedrock	1.00 1.00 0.62 0.50 0.42	Very limited Deep to water	1.00
WeA: Weta-----	85	Very limited Restricted permeability Sodium content Runoff limitation Salinity	1.00 1.00 0.40 0.01	Very limited Deep to water	1.00
Wh: Whitelake-----	85	Very limited Restricted permeability Sodium content Salinity Depth to saturated zone	1.00 1.00 0.50 0.43	Very limited Deep to water	1.00

Ag. Waste Application and Excavated Ponds -- continued
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Counties, Praire Parts, South
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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
WkA: Whitewater-----	90	Very limited Restricted permeability Droughty Sodium content Depth to bedrock Runoff limitation	1.00 1.00 1.00 0.42 0.40	Very limited Deep to water	1.00
WoB: Whitewater-----	50	Very limited Restricted permeability Droughty Sodium content Depth to bedrock Runoff limitation	1.00 1.00 1.00 0.42 0.40	Very limited Deep to water	1.00
Orella-----	35	Very limited Restricted permeability Depth to bedrock Droughty Sodium content Salinity	1.00 1.00 1.00 1.00 0.50	Very limited Deep to water	1.00
WwB: Wortman-----	85	Very limited Restricted permeability Sodium content Droughty Salinity Depth to bedrock	1.00 1.00 0.62 0.50 0.42	Very limited Deep to water	1.00
ZnD: Zigweid-----	50	Somewhat limited Slope	0.37	Very limited Deep to water	1.00
Nihill-----	35	Somewhat limited Slope Droughty	0.37 0.15	Very limited Deep to water	1.00

