HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Custer and Pennington
Counties, Praire Parts, South
Dakota

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
AaA:							
ALTVAN LOAM, 0 TO 2 PERCENT SLOPES	ALTVAN	No	---	---	---	---	---
	NIHILL	No	---	---	---	---	---
	NUNN	No	---	---	---	---	---
AaB:							
ALTVAN LOAM, 2 TO 6 PERCENT SLOPES	ALTVAN	No	---	---	---	---	---
	NIHILL	No	---	---	---	---	---
	NUNN	No	---	---	---	---	---
AaC:							
ALTVAN LOAM, 6 TO 9 PERCENT SLOPES	ALTVAN	No	---	---	---	---	---
	NIHILL	No	---	---	---	---	---
	SCHAMBER	No	---	---	---	---	---
ArA:							
ARVADA LOAM, 0 TO 4 PERCENT SLOPES	ARVADA	No	---	---	---	---	---
	BECKTON	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
	LOHMILLER	No	---	---	---	---	---
	OWANKA	No	---	---	---	---	---
	SLICKSPOTS, DRY	No	---	---	---	---	---
BaA:							
BACA SILT LOAM, 0 TO 4 PERCENT SLOPES	BACA	No	---	---	---	---	---
	ARVADA	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
	MANVEL	No	---	---	---	---	---
Bb:							
BADLAND	BADLAND	No	---	---	---	---	---
	CEDARPASS	No	---	---	---	---	---
	CONATA	No	---	---	---	---	---
	INTERIOR	No	---	---	---	---	---
	ORELLA	No	---	---	---	---	---
	WHITEWATER	No	---	---	---	---	---
BcB:							
BANKARD LOAMY FINE SAND, 0 TO 4 PERCENT SLOPES	BANKARD	No	---	---	---	---	---
	GLENBERG	No	---	---	---	---	---
	HAVERSON	No	---	---	---	---	---
	LOHMILLER	No	---	---	---	---	---
	RIVERWASH	Yes	flood plain	4	NO	YES	NO
BfA:							
BECKTON SILT LOAM, 0 TO 4 PERCENT SLOPES	BECKTON	No	---	---	---	---	---
	ARVADA	No	---	---	---	---	---
	NUNN	No	---	---	---	---	---
	SATANTA	No	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Custer and Pennington
Counties, Praire Parts, South
Dakota

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
BhA:							
BECKTON-ARVADA COMPLEX, 0 TO 4 PERCENT SLOPES	BECKTON	No	---	---	---	---	---
	ARVADA	No	---	---	---	---	---
	NUNN	No	---	---	---	---	---
	RAZOR	No	---	---	---	---	---
	SAVO	No	---	---	---	---	---
	SLICKSPOTS, DRY	No	---	---	---	---	---
BkA:							
BLACKPIPE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	BLACKPIPE	No	---	---	---	---	---
	CUSHMAN	No	---	---	---	---	---
	SATANTA	No	---	---	---	---	---
	WORTMAN	No	---	---	---	---	---
	HOVEN	Yes	pothole	2B3,3	YES	NO	YES
BkB:							
BLACKPIPE SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	BLACKPIPE	No	---	---	---	---	---
	SATANTA	No	---	---	---	---	---
	WORTMAN	No	---	---	---	---	---
	CUSHMAN	No	---	---	---	---	---
	HOVEN	Yes	pothole	2B3,3	YES	NO	YES
BlA:							
BLACKPIPE CLAY LOAM, 0 TO 2 PERCENT SLOPES	BLACKPIPE	No	---	---	---	---	---
	NORREST	No	---	---	---	---	---
	WANBLEE	No	---	---	---	---	---
	WORTMAN	No	---	---	---	---	---
	HOVEN	Yes	pothole	2B3,3	YES	NO	YES
BlB:							
BLACKPIPE CLAY LOAM, 2 TO 6 PERCENT SLOPES	BLACKPIPE	No	---	---	---	---	---
	WANBLEE	No	---	---	---	---	---
	WORTMAN	No	---	---	---	---	---
	NORREST	No	---	---	---	---	---
	HOVEN	Yes	pothole	2B3,3	YES	NO	YES
BnC:							
BLACKPIPE-NORREST COMPLEX, 6 TO 12 PERCENT SLOPES	BLACKPIPE	No	---	---	---	---	---
	NORREST	No	---	---	---	---	---
	FAIRBURN	No	---	---	---	---	---
	WANBLEE	No	---	---	---	---	---
	WORTMAN	No	---	---	---	---	---
BoA:							
BLACKPIPE-WORTMAN COMPLEX, 0 TO 3 PERCENT SLOPES	BLACKPIPE	No	---	---	---	---	---
	WORTMAN	No	---	---	---	---	---
	HOVEN	Yes	pothole	2B3,3	YES	NO	YES
	SATANTA	No	---	---	---	---	---
	WANBLEE	No	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Custer and Pennington
Counties, Praire Parts, South
Dakota

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
BoB:							
BLACKPIPE-WORTMAN COMPLEX, 1 TO 6 PERCENT SLOPES	BLACKPIPE	No	---	---	---	---	---
	WORTMAN	No	---	---	---	---	---
	NORREST	No	---	---	---	---	---
	WANBLEE	No	---	---	---	---	---
	HOVEN	Yes	pothole	3,2B3	YES	NO	YES
Bp:							
BRIDGEPORT SILT LOAM	BRIDGEPORT	No	---	---	---	---	---
	EGAS	Yes	flood plain	2B3	YES	NO	NO
	HAVERSON	No	---	---	---	---	---
	OWANKA	No	---	---	---	---	---
Ca:							
CACTUSFLAT SILTY CLAY	CACTUSFLAT	No	---	---	---	---	---
	INTERIOR	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
	WETA	No	---	---	---	---	---
Cb:							
CACTUSFLAT-WETA COMPLEX	CACTUSFLAT	No	---	---	---	---	---
	WETA	No	---	---	---	---	---
	BLACKPIPE	No	---	---	---	---	---
	CEDARPASS	No	---	---	---	---	---
	WORTMAN	No	---	---	---	---	---
CeA:							
CEDARPASS SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	CEDARPASS	No	---	---	---	---	---
	DENBY	No	---	---	---	---	---
	INTERIOR	No	---	---	---	---	---
	WHITEWATER	No	---	---	---	---	---
CfA:							
CEDARPASS-DENBY COMPLEX, 0 TO 3 PERCENT SLOPES	CEDARPASS	No	---	---	---	---	---
	DENBY	No	---	---	---	---	---
	INTERIOR	No	---	---	---	---	---
	WANBLEE	No	---	---	---	---	---
	WHITEWATER	No	---	---	---	---	---
Ch:							
CEDARPASS-INTERIOR-BADLAND COMPLEX	CEDARPASS	No	---	---	---	---	---
	INTERIOR	No	---	---	---	---	---
	BADLAND	No	---	---	---	---	---
	DENBY	No	---	---	---	---	---
	ORELLA	No	---	---	---	---	---
ClF:							
COLBY SILT LOAM, 9 TO 40 PERCENT SLOPES	COLBY	No	---	---	---	---	---
	NORKA	No	---	---	---	---	---
	SAMSIL	No	---	---	---	---	---
	SCHAMBER	No	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Custer and Pennington
Counties, Praire Parts, South
Dakota

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
CmC:							
COLBY-NORKA SILT LOAMS, 6 TO 15 PERCENT SLOPES	COLBY	No	---	---	---	---	---
	NORKA	No	---	---	---	---	---
	NIHILL	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
	SAVO	No	---	---	---	---	---
Cn:							
COLOMBO LOAM	COLOMBO	No	---	---	---	---	---
	BRIDGEPORT	No	---	---	---	---	---
	HAVERSON	No	---	---	---	---	---
	HERDCAMP	Yes	flood plain	2B3,4	YES	YES	NO
	OWANKA	No	---	---	---	---	---
Co:							
COLOMBO LOAM, CHANNELED	COLOMBO	No	---	---	---	---	---
	BRIDGEPORT	No	---	---	---	---	---
	HAVERSON	No	---	---	---	---	---
	LOHMILLER	No	---	---	---	---	---
	HERDCAMP	Yes	flood plain	2B3,4	YES	YES	NO
Cp:							
COLOMBO-URBAN LAND COMPLEX	COLOMBO	No	---	---	---	---	---
	URBAN LAND	No	---	---	---	---	---
	BRIDGEPORT	No	---	---	---	---	---
	SATANTA	No	---	---	---	---	---
CuD:							
CONATA-HISLE COMPLEX, 6 TO 25 PERCENT SLOPES	CONATA	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	LARVIE	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
CyC:							
CUSHMAN LOAM, 6 TO 9 PERCENT SLOPES	CUSHMAN	No	---	---	---	---	---
	RAZOR	No	---	---	---	---	---
	SATANTA	No	---	---	---	---	---
	SHINGLE	No	---	---	---	---	---
CzD:							
CUSHMAN-SHINGLE LOAMS, 9 TO 15 PERCENT SLOPES	CUSHMAN	No	---	---	---	---	---
	SHINGLE	No	---	---	---	---	---
	ARVADA	No	---	---	---	---	---
	RAZOR	No	---	---	---	---	---
	ROCK OUTCROP, SOFT	No	---	---	---	---	---
	SATANTA	No	---	---	---	---	---
DmA:							
DENBY SILTY CLAY, 0 TO 3 PERCENT SLOPES	DENBY	No	---	---	---	---	---
	CEDARPASS	No	---	---	---	---	---
	INTERIOR	No	---	---	---	---	---

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HYDRIC SOILS LIST
Custer and Pennington
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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
Eg:							
EGAS SILTY CLAY LOAM	EGAS	Yes	flood plain	2B3	YES	NO	NO
	ARVADA	No	---	---	---	---	---
	OTTUMWA	No	---	---	---	---	---
	OWANKA	No	---	---	---	---	---
EmA:							
EMIGRANT LOAM, 0 TO 2 PERCENT SLOPES	EMIGRANT	No	---	---	---	---	---
	BECKTON	No	---	---	---	---	---
EmB:							
EMIGRANT LOAM, 2 TO 6 PERCENT SLOPES	EMIGRANT	No	---	---	---	---	---
	BECKTON	No	---	---	---	---	---
	NORREST	No	---	---	---	---	---
EnD:							
ENNING-MINNEQUA SILT LOAMS, 9 TO 25 PERCENT SLOPES	ENNING	No	---	---	---	---	---
	MINNEQUA	No	---	---	---	---	---
	MIDWAY	No	---	---	---	---	---
	NIHILL	No	---	---	---	---	---
	SAVO	No	---	---	---	---	---
FaE:							
FAIRBURN CLAY LOAM, 9 TO 40 PERCENT SLOPES	FAIRBURN	No	---	---	---	---	---
	BLACKPIPE	No	---	---	---	---	---
	MIDWAY	No	---	---	---	---	---
	NORREST	No	---	---	---	---	---
	BADLAND	No	---	---	---	---	---
FgE:							
FAIRBURN GRAVELLY CLAY LOAM, 15 TO 45 PERCENT SLOPES, BOULDERY	FAIRBURN	No	---	---	---	---	---
	GRUMMIT	No	---	---	---	---	---
	MIDWAY	No	---	---	---	---	---
	RAZOR	No	---	---	---	---	---
	ROCK OUTCROP, ACID	No	---	---	---	---	---
FhE:							
FAIRBURN-BADLAND COMPLEX, 9 TO 40 PERCENT SLOPES	FAIRBURN	No	---	---	---	---	---
	BADLAND	No	---	---	---	---	---
	CEDARPASS	No	---	---	---	---	---
	DENBY	No	---	---	---	---	---
	NORREST	No	---	---	---	---	---
	ORELLA	No	---	---	---	---	---
FoF:							
FAIRBURN-ORELLA-BADLAND COMPLEX, 15 TO 45 PERCENT SLOPES	FAIRBURN	No	---	---	---	---	---
	ORELLA	No	---	---	---	---	---
	BADLAND	No	---	---	---	---	---
	CEDARPASS	No	---	---	---	---	---
	NORREST	No	---	---	---	---	---

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
Gb:							
GLENBERG FINE SANDY LOAM	GLENBERG	No	---	---	---	---	---
	BANKARD	No	---	---	---	---	---
	LOHMILLER	No	---	---	---	---	---
GrE:							
GRUMMIT-ROCK OUTCROP COMPLEX, 6 TO 40 PERCENT SLOPES	GRUMMIT	No	---	---	---	---	---
	ROCK OUTCROP, ACID	No	---	---	---	---	---
	FAIRBURN	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
GsD:							
GRUMMIT-URBAN LAND COMPLEX, 9 TO 30 PERCENT SLOPES	GRUMMIT	No	---	---	---	---	---
	URBAN LAND	No	---	---	---	---	---
	NIHILL	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
	ROCK OUTCROP, SOFT	No	---	---	---	---	---
Ha:							
HAVERSON SILT LOAM	HAVERSON	No	---	---	---	---	---
	BANKARD	No	---	---	---	---	---
	BRIDGEPORT	No	---	---	---	---	---
	GLENBERG	No	---	---	---	---	---
	LOHMILLER	No	---	---	---	---	---
	HERDCAMP	Yes	flood plain	2B3,4	YES	YES	NO
Hc:							
HAVERSON LOAM, CHANNELED	HAVERSON	No	---	---	---	---	---
	BANKARD	No	---	---	---	---	---
	BRIDGEPORT	No	---	---	---	---	---
	GLENBERG	No	---	---	---	---	---
	LOHMILLER	No	---	---	---	---	---
	HERDCAMP	Yes	flood plain	2B3,4	YES	YES	NO
HpB:							
HISLE SILT LOAM, 0 TO 6 PERCENT SLOPES	HISLE	No	---	---	---	---	---
	CONATA	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
	LARVIE	No	---	---	---	---	---
	OTTUMWA	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
	SLICKSPOTS, DRY	No	---	---	---	---	---

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
HrC:							
HISLE-ROCK OUTCROP COMPLEX, 2 TO 9 PERCENT SLOPES	HISLE	No	---	---	---	---	---
	ROCK OUTCROP, SOFT	No	---	---	---	---	---
	CONATA	No	---	---	---	---	---
	LARVIE	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
	SAMSIL	No	---	---	---	---	---
	SLICKSPOTS, DRY	No	---	---	---	---	---
HsB:							
HISLE-SLICKSPOTS COMPLEX, 0 TO 6 PERCENT SLOPES	HISLE	No	---	---	---	---	---
	SLICKSPOTS, DRY	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
	LARVIE	No	---	---	---	---	---
	OTTUMWA	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
Hv:							
HOVEN SILT LOAM	HOVEN	Yes	pothole	2B3,3	YES	NO	YES
	BLACKPIPE	No	---	---	---	---	---
	NUNN	No	---	---	---	---	---
	SATANTA	No	---	---	---	---	---
	WORTMAN	No	---	---	---	---	---
Hz:							
HOVEN VARIANT SILTY CLAY, PONDED	HOVEN VARIANT	Yes	pothole	2B3,3	YES	NO	YES
	BLACKPIPE	No	---	---	---	---	---
	SATANTA	No	---	---	---	---	---
	WANBLEE	No	---	---	---	---	---
	WORTMAN	No	---	---	---	---	---
In:							
INTERIOR LOAM	INTERIOR	No	---	---	---	---	---
	CEDARPASS	No	---	---	---	---	---
	DENBY	No	---	---	---	---	---
	ORELLA	No	---	---	---	---	---
	WHITEWATER	No	---	---	---	---	---
Io:							
INTERIOR LOAM, CHANNELED	INTERIOR	No	---	---	---	---	---
	CEDARPASS	No	---	---	---	---	---
	DENBY	No	---	---	---	---	---
IrB:							
INTERIOR-CEDARPASS-DENBY COMPLEX, 0 TO 6 PERCENT SLOPES	INTERIOR	No	---	---	---	---	---
	CEDARPASS	No	---	---	---	---	---
	DENBY	No	---	---	---	---	---
	ORELLA	No	---	---	---	---	---
	WHITEWATER	No	---	---	---	---	---
	BADLAND	No	---	---	---	---	---

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Custer and Pennington
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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
JaA:							
JAYEM FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	JAYEM	No	---	---	---	---	---
	SATANTA	No	---	---	---	---	---
	VALENT	No	---	---	---	---	---
	WHITELAKE	No	---	---	---	---	---
JaC:							
JAYEM FINE SANDY LOAM, 3 TO 9 PERCENT SLOPES	JAYEM	No	---	---	---	---	---
	SATANTA	No	---	---	---	---	---
	VALENT	No	---	---	---	---	---
	WHITELAKE	No	---	---	---	---	---
KtA:							
KYLE CLAY, 0 TO 1 PERCENT SLOPES	KYLE	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	LARVIE	No	---	---	---	---	---
	WHITEWATER	No	---	---	---	---	---
KyA:							
KYLE CLAY, 0 TO 3 PERCENT SLOPES	KYLE	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	LOHMILLER	No	---	---	---	---	---
	SWANBOY	No	---	---	---	---	---
KyB:							
KYLE CLAY, 3 TO 6 PERCENT SLOPES	KYLE	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	OTTUMWA	No	---	---	---	---	---
	SWANBOY	No	---	---	---	---	---
KyC:							
KYLE CLAY, 6 TO 9 PERCENT SLOPES	KYLE	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	SWANBOY	No	---	---	---	---	---
LaB:							
LARVIE CLAY, 0 TO 4 PERCENT SLOPES	LARVIE	No	---	---	---	---	---
	CONATA	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
LaD:							
LARVIE CLAY, 6 TO 15 PERCENT SLOPES	LARVIE	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
	ORELLA	No	---	---	---	---	---
	ROCK OUTCROP, SOFT	No	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Custer and Pennington
Counties, Praire Parts, South
Dakota

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
LhC:							
LARVIE-HISLE COMPLEX, 0 TO 9 PERCENT SLOPES	LARVIE	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	CONATA	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
	SLICKSPOTS, DRY	No	---	---	---	---	---
Lo:							
LOHMILLER SILTY CLAY	LOHMILLER	No	---	---	---	---	---
	ARVADA	No	---	---	---	---	---
	HAVERSON	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
	HERDCAMP	Yes	flood plain	2B3,4	YES	YES	NO
Lp:							
LOHMILLER SILTY CLAY, CHANNELED	LOHMILLER	No	---	---	---	---	---
	ARVADA	No	---	---	---	---	---
	HAVERSON	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
	HERDCAMP	Yes	flood plain	2B3,4	YES	YES	NO
M-W:							
MISCELLANEOUS WATER	MISCELLANEOUS WATER	---	---	---	---	---	---
MaB:							
MANVEL SILT LOAM, 0 TO 6 PERCENT SLOPES	MANVEL	No	---	---	---	---	---
	BACA	No	---	---	---	---	---
	ENNING	No	---	---	---	---	---
	MINNEQUA	No	---	---	---	---	---
	SAVO	No	---	---	---	---	---
MeC:							
MANVEL-MINNEQUA SILT LOAMS, 2 TO 9 PERCENT SLOPES	MANVEL	No	---	---	---	---	---
	MINNEQUA	No	---	---	---	---	---
	BACA	No	---	---	---	---	---
	ENNING	No	---	---	---	---	---
	MIDWAY	No	---	---	---	---	---
	SAVO	No	---	---	---	---	---
MgC:							
MANVEL-URBAN LAND COMPLEX, 6 TO 15 PERCENT SLOPES	MANVEL	No	---	---	---	---	---
	URBAN LAND	No	---	---	---	---	---
	MINNEQUA	No	---	---	---	---	---
	SAVO	No	---	---	---	---	---
MoE:							
MIDWAY SILTY CLAY LOAM, 15 TO 40 PERCENT SLOPES	MIDWAY	No	---	---	---	---	---
	NIHILL	No	---	---	---	---	---
	RAZOR	No	---	---	---	---	---
	SAVO	No	---	---	---	---	---
	ROCK OUTCROP, SOFT	No	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Custer and Pennington
Counties, Praire Parts, South
Dakota

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
MosE:							
MIDWAY CLAY LOAM, 15 TO 40 PERCENT SLOPES, STONY	MIDWAY	No	---	---	---	---	---
	CONATA	No	---	---	---	---	---
	EMIGRANT	No	---	---	---	---	---
	NORREST	No	---	---	---	---	---
MpD:							
MIDWAY-URBAN LAND COMPLEX, 9 TO 30 PERCENT SLOPES	MIDWAY	No	---	---	---	---	---
	URBAN LAND	No	---	---	---	---	---
	MINNEQUA	No	---	---	---	---	---
	RAZOR	No	---	---	---	---	---
	SAVO	No	---	---	---	---	---
	ROCK OUTCROP, SOFT	No	---	---	---	---	---
MrC:							
MINNEQUA-PENROSE COMPLEX, 6 TO 9 PERCENT SLOPES	MINNEQUA	No	---	---	---	---	---
	PENROSE	No	---	---	---	---	---
	BACA	No	---	---	---	---	---
	SAVO	No	---	---	---	---	---
	ROCK OUTCROP, SANDY	No	---	---	---	---	---
NdE:							
NIHILL GRAVELLY LOAM, 9 TO 40 PERCENT SLOPES	NIHILL	No	---	---	---	---	---
	NUNN	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
	SATANTA	No	---	---	---	---	---
	ZIGWEID	No	---	---	---	---	---
NeD:							
NIHILL VERY GRAVELLY LOAM, 0 TO 25 PERCENT SLOPES	NIHILL	No	---	---	---	---	---
	NUNN	No	---	---	---	---	---
	SATANTA	No	---	---	---	---	---
NgA:							
NORKA SILT LOAM, 0 TO 2 PERCENT SLOPES	NORKA	No	---	---	---	---	---
	BECKTON	No	---	---	---	---	---
	SAVO	No	---	---	---	---	---
	HOVEN	Yes	pothole	3,2B3	YES	NO	YES
NgB:							
NORKA SILT LOAM, 2 TO 6 PERCENT SLOPES	NORKA	No	---	---	---	---	---
	BECKTON	No	---	---	---	---	---
	COLBY	No	---	---	---	---	---
	SAVO	No	---	---	---	---	---
	HOVEN	Yes	pothole	2B3,3	YES	NO	YES

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Custer and Pennington
Counties, Praire Parts, South
Dakota

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
NhA:							
NORKA-WETA SILT LOAMS, 0 TO 3 PERCENT SLOPES	NORKA	No	---	---	---	---	---
	WETA	No	---	---	---	---	---
	BLACKPIPE	No	---	---	---	---	---
	CACTUSFLAT	No	---	---	---	---	---
	CEDARPASS	No	---	---	---	---	---
	HOVEN	Yes	pothole	2B3,3	YES	NO	YES
NkD:							
NORREST SILTY CLAY LOAM, 6 TO 15 PERCENT SLOPES	NORREST	No	---	---	---	---	---
	BLACKPIPE	No	---	---	---	---	---
	FAIRBURN	No	---	---	---	---	---
	MIDWAY	No	---	---	---	---	---
	WORTMAN	No	---	---	---	---	---
NuA:							
NUNN LOAM, 0 TO 2 PERCENT SLOPES	NUNN	No	---	---	---	---	---
	BECKTON	No	---	---	---	---	---
	HOVEN	Yes	pothole	2B3,3	YES	NO	YES
NuB:							
NUNN LOAM, 2 TO 6 PERCENT SLOPES	NUNN	No	---	---	---	---	---
	BECKTON	No	---	---	---	---	---
	HOVEN	Yes	pothole	2B3,3	YES	NO	YES
NuC:							
NUNN LOAM, 6 TO 12 PERCENT SLOPES	NUNN	No	---	---	---	---	---
	BECKTON	No	---	---	---	---	---
	HOVEN	Yes	pothole	2B3,3	YES	NO	YES
	NIHILL	No	---	---	---	---	---
	ZIGWEID	No	---	---	---	---	---
NvA:							
NUNN-BECKTON COMPLEX, 0 TO 3 PERCENT SLOPES	NUNN	No	---	---	---	---	---
	BECKTON	No	---	---	---	---	---
	ARVADA	No	---	---	---	---	---
	HOVEN	Yes	pothole	3,2B3	YES	NO	YES
NvC:							
NUNN-BECKTON COMPLEX, 3 TO 9 PERCENT SLOPES	NUNN	No	---	---	---	---	---
	BECKTON	No	---	---	---	---	---
	ARVADA	No	---	---	---	---	---
	HOVEN	Yes	pothole	2B3,3	YES	NO	YES
	NIHILL	No	---	---	---	---	---
	ZIGWEID	No	---	---	---	---	---
NwA:							
NUNN-URBAN LAND COMPLEX, 0 TO 3 PERCENT SLOPES	NUNN	No	---	---	---	---	---
	URBAN LAND	No	---	---	---	---	---
	BECKTON	No	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Custer and Pennington
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Dakota

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
ObE:							
ORELLA-BADLAND COMPLEX, 9 TO 45 PERCENT SLOPES	ORELLA	No	---	---	---	---	---
	BADLAND	No	---	---	---	---	---
	CEDARPASS	No	---	---	---	---	---
	DENBY	No	---	---	---	---	---
	INTERIOR	No	---	---	---	---	---
	WHITEWATER	No	---	---	---	---	---
OeE:							
ORELLA-INTERIOR-BADLAND COMPLEX, 0 TO 25 PERCENT SLOPES	ORELLA	No	---	---	---	---	---
	INTERIOR	No	---	---	---	---	---
	BADLAND	No	---	---	---	---	---
	CEDARPASS	No	---	---	---	---	---
	DENBY	No	---	---	---	---	---
	WHITEWATER	No	---	---	---	---	---
OtA:							
OTTUMWA CLAY, 0 TO 2 PERCENT SLOPES	OTTUMWA	No	---	---	---	---	---
	EGAS	Yes	flood plain	2B3	YES	NO	NO
	HISLE	No	---	---	---	---	---
	SAVO	No	---	---	---	---	---
OtB:							
OTTUMWA CLAY, 2 TO 6 PERCENT SLOPES	OTTUMWA	No	---	---	---	---	---
	EGAS	Yes	flood plain	2B3	YES	NO	NO
	HISLE	No	---	---	---	---	---
	RAZOR	No	---	---	---	---	---
	SAVO	No	---	---	---	---	---
OvC:							
OTTUMWA-RAZOR COMPLEX, 6 TO 9 PERCENT SLOPES	OTTUMWA	No	---	---	---	---	---
	RAZOR	No	---	---	---	---	---
	EGAS	Yes	flood plain	2B3	YES	NO	NO
	HISLE	No	---	---	---	---	---
	MIDWAY	No	---	---	---	---	---
	SAVO	No	---	---	---	---	---
Ow:							
OWANKA CLAY LOAM	OWANKA	No	---	---	---	---	---
	COLOMBO	No	---	---	---	---	---
	HAVERSON	No	---	---	---	---	---
Ox:							
OWANKA-BECKTON COMPLEX	OWANKA	No	---	---	---	---	---
	BECKTON	No	---	---	---	---	---
	ARVADA	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
PdF:							
PENROSE-ROCK OUTCROP COMPLEX, 9 TO 60 PERCENT SLOPES	PENROSE	No	---	---	---	---	---
	ROCK OUTCROP, SANDY	No	---	---	---	---	---
	MIDWAY	No	---	---	---	---	---
	MINNEQUA	No	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Custer and Pennington
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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
PeB:							
PIERRE CLAY, 2 TO 6 PERCENT SLOPES	PIERRE	No	---	---	---	---	---
	GRUMMIT	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	LOHMILLER	No	---	---	---	---	---
	SAMSIL	No	---	---	---	---	---
PeC:							
PIERRE CLAY, 6 TO 9 PERCENT SLOPES	PIERRE	No	---	---	---	---	---
	GRUMMIT	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	LOHMILLER	No	---	---	---	---	---
	SAMSIL	No	---	---	---	---	---
PeD:							
PIERRE CLAY, 6 TO 15 PERCENT SLOPES	PIERRE	No	---	---	---	---	---
	GRUMMIT	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	SAMSIL	No	---	---	---	---	---
PgD:							
PIERRE-GRUMMIT CLAYS, 6 TO 15 PERCENT SLOPES	PIERRE	No	---	---	---	---	---
	GRUMMIT	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	LOHMILLER	No	---	---	---	---	---
	NIHILL	No	---	---	---	---	---
	ROCK OUTCROP, SOFT	No	---	---	---	---	---
PhB:							
PIERRE-HISLE COMPLEX, 0 TO 9 PERCENT SLOPES	PIERRE	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	SAMSIL	No	---	---	---	---	---
	SLICKSPOTS, DRY	No	---	---	---	---	---
PkC:							
PIERRE-URBAN LAND COMPLEX, 6 TO 15 PERCENT SLOPES	PIERRE	No	---	---	---	---	---
	URBAN LAND	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	NUNN	No	---	---	---	---	---
Ps:							
PITS, GRAVEL	ORTHENTS, GRAVELLY	No	---	---	---	---	---
RaB:							
RAZOR SILTY CLAY, 2 TO 6 PERCENT SLOPES	RAZOR	No	---	---	---	---	---
	EGAS	Yes	flood plain	2B3	YES	NO	NO
	MIDWAY	No	---	---	---	---	---
	OTTUMWA	No	---	---	---	---	---
	SAVO	No	---	---	---	---	---

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HYDRIC SOILS LIST
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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
RaC:							
RAZOR SILTY CLAY, 6 TO 9 PERCENT SLOPES	RAZOR	No	---	---	---	---	---
	EGAS	Yes	flood plain	2B3	YES	NO	NO
	MIDWAY	No	---	---	---	---	---
	OTTUMWA	No	---	---	---	---	---
	SAVO	No	---	---	---	---	---
RbD:							
RAZOR-MIDWAY COMPLEX, 6 TO 15 PERCENT SLOPES	RAZOR	No	---	---	---	---	---
	MIDWAY	No	---	---	---	---	---
	BLACKPIPE	No	---	---	---	---	---
	EGAS	Yes	flood plain	2B3	YES	NO	NO
	OTTUMWA	No	---	---	---	---	---
	SAVO	No	---	---	---	---	---
Rv:							
RIVERWASH	RIVERWASH	Yes	flood plain	4	NO	YES	NO
	BANKARD	No	---	---	---	---	---
	GLENBERG	No	---	---	---	---	---
SbF:							
SAMSIL CLAY, 25 TO 40 PERCENT SLOPES	SAMSIL	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
	ROCK OUTCROP, SOFT	No	---	---	---	---	---
	SCHAMBER	No	---	---	---	---	---
	SHINGLE	No	---	---	---	---	---
ScE:							
SAMSIL-PIERRE CLAYS, 15 TO 25 PERCENT SLOPES	SAMSIL	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	LOHMILLER	No	---	---	---	---	---
	SCHAMBER	No	---	---	---	---	---
	ROCK OUTCROP, SOFT	No	---	---	---	---	---
SdF:							
SAMSIL-ROCK OUTCROP COMPLEX, 25 TO 75 PERCENT SLOPES	SAMSIL	No	---	---	---	---	---
	ROCK OUTCROP, SOFT	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
	SCHAMBER	No	---	---	---	---	---
SeA:							
SATANTA LOAM, 0 TO 2 PERCENT SLOPES	SATANTA	No	---	---	---	---	---
	ALTVAN	No	---	---	---	---	---
	BECKTON	No	---	---	---	---	---
	HOVEN	Yes	pothole	3,2B3	YES	NO	YES

HYDRIC SOIL INTERPRETATIONS
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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
SeB:							
SATANTA LOAM, 2 TO 6 PERCENT SLOPES U	SATANTA	No	---	---	---	---	---
	ALTVAN	No	---	---	---	---	---
	BECKTON	No	---	---	---	---	---
	HOVEN	Yes	pothole	3,2B3	YES	NO	YES
SeC:							
SATANTA LOAM, 6 TO 9 PERCENT SLOPES	SATANTA	No	---	---	---	---	---
	ALTVAN	No	---	---	---	---	---
	BECKTON	No	---	---	---	---	---
	HOVEN	Yes	pothole	2B3,3	YES	NO	YES
	ZIGWEID	No	---	---	---	---	---
SgA:							
SATANTA-BECKTON COMPLEX, 0 TO 3 PERCENT SLOPES	SATANTA	No	---	---	---	---	---
	BECKTON	No	---	---	---	---	---
	ARVADA	No	---	---	---	---	---
	HOVEN	Yes	pothole	3,2B3	YES	NO	YES
SkA:							
SATANTA-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES	SATANTA	No	---	---	---	---	---
	URBAN LAND	No	---	---	---	---	---
	BECKTON	No	---	---	---	---	---
SkB:							
SATANTA-URBAN LAND COMPLEX, 2 TO 6 PERCENT SLOPES	SATANTA	No	---	---	---	---	---
	URBAN LAND	No	---	---	---	---	---
	BECKTON	No	---	---	---	---	---
	ZIGWEID	No	---	---	---	---	---
SmA:							
SAVO SILT LOAM, 0 TO 2 PERCENT SLOPES	SAVO	No	---	---	---	---	---
	BECKTON	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
	HOVEN	Yes	pothole	3,2B3	YES	NO	YES
SmB:							
SAVO SILT LOAM, 2 TO 6 PERCENT SLOPES	SAVO	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
	BECKTON	No	---	---	---	---	---
	HOVEN	Yes	pothole	2B3,3	YES	NO	YES
SmC:							
SAVO SILT LOAM, 6 TO 9 PERCENT SLOPES	SAVO	No	---	---	---	---	---
	BECKTON	No	---	---	---	---	---
	BLACKPIPE	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
SoB:							
SAVO-URBAN LAND COMPLEX, 0 TO 9 PERCENT SLOPES	SAVO	No	---	---	---	---	---
	URBAN LAND	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
	MANVEL	No	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
StE:							
SCHAMBER-SAMSIL COMPLEX, 15 TO 40 PERCENT SLOPES	SCHAMBER	No	---	---	---	---	---
	SAMSIL	No	---	---	---	---	---
	ALTVAN	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
	ROCK OUTCROP, HARD	No	---	---	---	---	---
	SATANTA	No	---	---	---	---	---
SuE:							
SHINGLE LOAM, 15 TO 25 PERCENT SLOPES	SHINGLE	No	---	---	---	---	---
	CUSHMAN	No	---	---	---	---	---
	ROCK OUTCROP, SOFT	No	---	---	---	---	---
	SAMSIL	No	---	---	---	---	---
SvF:							
SHINGLE-ROCK OUTCROP COMPLEX, 25 TO 60 PERCENT SLOPES	SHINGLE	No	---	---	---	---	---
	ROCK OUTCROP, SANDSTONE	No	---	---	---	---	---
	CUSHMAN	No	---	---	---	---	---
	SAMSIL	No	---	---	---	---	---
SzB:							
SWANBOY CLAY, 0 TO 6 PERCENT SLOPES	SWANBOY	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
	SLICKSPOTS, DRY	No	---	---	---	---	---
TfA:							
TILFORD SILT LOAM, 0 TO 2 PERCENT SLOPES	TILFORD	No	---	---	---	---	---
	COLOMBO	No	---	---	---	---	---
	HAVERSON	No	---	---	---	---	---
VbD:							
VALENT LOAMY FINE SAND, 6 TO 25 PERCENT SLOPES	VALENT	No	---	---	---	---	---
	JAYEM	No	---	---	---	---	---
	WHITELAKE	No	---	---	---	---	---
VbwB:							
VALENT-WORTMAN LOAMY FINE SANDS, 2 TO 6 PERCENT SLOPES	VALENT	No	---	---	---	---	---
	WORTMAN	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	WANBLEE	No	---	---	---	---	---
	ORELLA	No	---	---	---	---	---
W:							
WATER	WATER	Unranked	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Custer and Pennington
Counties, Praire Parts, South
Dakota

All mapunits are displayed regardless of hydric status and are listed in alpha-numeric order by mapunit symbol. The "Hydric Soils Criteria" columns indicate the conditions that caused the mapunit component to be classified as "Hydric" or "Non-Hydric". These criteria are defined in "Hydric Soils of the United States"(USDA Miscellaneous Publication No. 1491, June, 1991). See the "Criteria for Hydric Soils" endnote todetermine the meaning of these columns. Spot symbols are footnoted at the end of the table.

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
WaA:							
WANBLEE SILT LOAM, 0 TO 4 PERCENT SLOPES	WANBLEE	No	---	---	---	---	---
	BLACKPIPE	No	---	---	---	---	---
	NORREST	No	---	---	---	---	---
	ORELLA	No	---	---	---	---	---
	WHITEWATER	No	---	---	---	---	---
	SLICKSPOTS, DRY	No	---	---	---	---	---
	WORTMAN	No	---	---	---	---	---
WbB:							
WANBLEE-WORTMAN SILT LOAMS, 0 TO 4 PERCENT SLOPES	WANBLEE	No	---	---	---	---	---
	WORTMAN	No	---	---	---	---	---
	BLACKPIPE	No	---	---	---	---	---
	SLICKSPOTS, DRY	No	---	---	---	---	---
	NORREST	No	---	---	---	---	---
	HOVEN	Yes	pothole	2B3,3	YES	NO	YES
WeA:							
WETA SILT LOAM, 0 TO 3 PERCENT SLOPES	WETA	No	---	---	---	---	---
	CACTUSFLAT	No	---	---	---	---	---
	NORKA	No	---	---	---	---	---
	SLICKSPOTS, DRY	No	---	---	---	---	---
Wh:							
WHITELAKE FINE SANDY LOAM	WHITELAKE	No	---	---	---	---	---
	JAYEM	No	---	---	---	---	---
	VALENT	No	---	---	---	---	---
WkA:							
WHITEWATER CLAY, 0 TO 3 PERCENT SLOPES	WHITEWATER	No	---	---	---	---	---
	CEDARPASS	No	---	---	---	---	---
	INTERIOR	No	---	---	---	---	---
	LARVIE	No	---	---	---	---	---
	ORELLA	No	---	---	---	---	---
WoB:							
WHITEWATER-ORELLA CLAYS, 3 TO 9 PERCENT SLOPES	WHITEWATER	No	---	---	---	---	---
	ORELLA	No	---	---	---	---	---
	DENBY	No	---	---	---	---	---
	INTERIOR	No	---	---	---	---	---
	LARVIE	No	---	---	---	---	---
	ROCK OUTCROP, SOFT	No	---	---	---	---	---
WwB:							
WORTMAN SILT LOAM, 0 TO 6 PERCENT SLOPES	WORTMAN	No	---	---	---	---	---
	BLACKPIPE	No	---	---	---	---	---
	NORREST	No	---	---	---	---	---
	WANBLEE	No	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Custer and Pennington
Counties, Praire Parts, South
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All mapunits are displayed regardless of hydric status and are listed in alpha-numeric order by mapunit symbol. The "Hydric Soils Criteria" columns indicate the conditions that caused the mapunit component to be classified as "Hydric" or "Non-Hydric". These criteria are defined in "Hydric Soils of the United States"(USDA Miscellaneous Publication No. 1491, June, 1991). See the "Criteria for Hydric Soils" endnote todetermine the meaning of these columns. Spot symbols are footnoted at the end of the table.

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
ZnD: ZIGWEID-NIHILL COMPLEX, 6 TO 15 PERCENT SLOPES	ZIGWEID	No	---	---	---	---	---
	NIHILL	No	---	---	---	---	---
	NUNN	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
	SATANTA	No	---	---	---	---	---

FOOTNOTE: There may be small areas of included soils or miscellaneous areas that are significant to use an management of the soil; yet are too small to delineate on the soil map at the map's original scale. These may be designated as spot symbols and are defined in the published Soil Survey Report or the USDA-NRCS Technical Guide, Part II.
Areas mapped as water or any map unit that contains one of the following conventional symbols is considered a hydric soil map unit: marshes or swamps; wet spots; depressions; streams, lakes and ponds.

1. All Histosols except Folists, or

2. Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Aquisalids, Pachic subgroups, or Cumulic subgroups that are:

   a. Somewhat poorly drained with a water table equal to 0.0 foot (ft) from the surface during the growing season, or

   b. poorly drained or very poorly drained and have either:

      (1) water table equal to 0.0 ft during the growing season if textures are coarse sand, sand, or fine sand in all layers within 20 inches (in),

      or for other soils

      (2) water table at less than or equal to 0.5 ft from the surface during the growing season if permeability is equal to or greater than 6.0 in/hour (h) in all layers within 20 in, or

      (3) water table at less than or equal to 1.0 ft from the surface during the growing season if permeability is less than 6.0 in/h in any layer within 20 in, or

3. Soils that are frequently ponded for long duration or very long duration during the growing season, or

4. Soils that are frequently flooded for long duration or very long duration during the growing season.