

Sac County, Iowa

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
1D3: IDA SILT LOAM, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	IDA	No	---	---	---	---	---	660
	OTHER	No	---	---	---	---	---	35
1E3: IDA SILT LOAM, 14 TO 20 PERCENT SLOPES, SEVERELY ERODED	IDA	No	---	---	---	---	---	442
	OTHER	No	---	---	---	---	---	23
1F3: IDA SILT LOAM, 20 TO 30 PERCENT SLOPES, SEVERELY ERODED	IDA	No	---	---	---	---	---	233
	OTHER	No	---	---	---	---	---	12
5B: KENNEBEC-ACKMORE COMPLEX, 2 TO 5 PERCENT SLOPES	KENNEBEC	No	---	---	---	---	---	3,195
	ACKMORE	No	---	---	---	---	---	1,598
	OTHER	Yes	flood plain	2B3	YES	NO	NO	532
6: OKOBOJI SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	OKOBOJI	Yes	pothole	3,2B3	YES	NO	YES	5,958
	CALCAREOUS	Yes	pothole	2B3,3	YES	NO	YES	331
	MUCKY SILT LOAM	Yes	pothole	3,2B3	YES	NO	YES	331
8C: JUDSON SILTY CLAY LOAM, 3 TO 8 PERCENT SLOPES	JUDSON	No	---	---	---	---	---	328
	ELY	No	---	---	---	---	---	17
9B: MARSHALL SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	MARSHALL	No	---	---	---	---	---	1,776
	OTHER	No	---	---	---	---	---	94
9B2: MARSHALL SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	MARSHALL	No	---	---	---	---	---	1,290
9C: MARSHALL SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	MARSHALL	No	---	---	---	---	---	299

Hydric Soils List

FIELD OFFICE TECHNICAL GUIDE Sec. II
HYDRIC SOIL INTERPRETATIONS

Sac County, Iowa

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	OTHER	No	---	---	---	---	---	16
9C2: MARSHALL SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	MARSHALL	No	---	---	---	---	---	12,716
	IDA	No	---	---	---	---	---	669
9D2: MARSHALL SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	MARSHALL	No	---	---	---	---	---	4,104
	IDA	No	---	---	---	---	---	216
9D3: MARSHALL SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	MARSHALL	No	---	---	---	---	---	5,553
	IDA	No	---	---	---	---	---	292
10D3: MONONA SILT LOAM, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	MONONA	No	---	---	---	---	---	784
	OTHER	No	---	---	---	---	---	41
10E3: MONONA SILT LOAM, 14 TO 20 PERCENT SLOPES, SEVERELY ERODED	MONONA	No	---	---	---	---	---	665
	OTHER	No	---	---	---	---	---	35
11B: COLO-ELY SILTY CLAY LOAMS, 2 TO 5 PERCENT SLOPES	COLO	Yes	flood plain	2B3	YES	NO	NO	459
	ELY	No	---	---	---	---	---	306
24C2: SHELBY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	SHELBY	No	---	---	---	---	---	732
	STEINAUER	No	---	---	---	---	---	38
24D2: SHELBY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	SHELBY	No	---	---	---	---	---	394
	STEINAUER	No	---	---	---	---	---	21
24E2: SHELBY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	SHELBY	No	---	---	---	---	---	200

Hydric Soils List

FIELD OFFICE TECHNICAL GUIDE Sec. II
HYDRIC SOIL INTERPRETATIONS

Sac County, Iowa

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	STEINAUER	No	---	---	---	---	---	10
26B: KENNEBEC SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	KENNEBEC	No	---	---	---	---	---	1,112
	OTHER	Yes	flood plain	2B3	YES	NO	NO	58
27C: TERRIL LOAM, 3 TO 8 PERCENT SLOPES	TERRIL	No	---	---	---	---	---	399
	SANDY LOAM SURFACE	No	---	---	---	---	---	21
31: AFTON SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	AFTON	Yes	drainageway	2B3	YES	NO	NO	10,188
	CALCAREOUS	Yes	drainageway	2B3	YES	NO	NO	566
	depressional areas	Yes	depression	3,2B3	YES	NO	YES	566
33E: STEINAUER LOAM, 9 TO 18 PERCENT SLOPES	STEINAUER	No	---	---	---	---	---	200
33F: STEINAUER LOAM, 18 TO 40 PERCENT SLOPES	STEINAUER	No	---	---	---	---	---	365
41D: SPARTA LOAMY FINE SAND, 5 TO 14 PERCENT SLOPES	SPARTA	No	---	---	---	---	---	125
54: ZOOK SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	ZOOK	Yes	flood plain	2B3	YES	NO	NO	1,260
55: NICOLLET LOAM, 1 TO 3 PERCENT SLOPES	NICOLLET	No	---	---	---	---	---	25,797
	OTHER	Yes	pothole	2B3,3	YES	NO	YES	1,358
62C: STORDEN LOAM, 5 TO 9 PERCENT SLOPES	STORDEN	No	---	---	---	---	---	990
	CLARION	No	---	---	---	---	---	55
	SANDY OR GRAVELLY	No	---	---	---	---	---	55
62D: STORDEN LOAM, 9 TO 14 PERCENT SLOPES	STORDEN	No	---	---	---	---	---	2,452
	CLARION	No	---	---	---	---	---	136

Hydric Soils List

FIELD OFFICE TECHNICAL GUIDE Sec. II
HYDRIC SOIL INTERPRETATIONS

Sac County, Iowa

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	SANDY OR GRAVELLY	No	---	---	---	---	---	136
62E: STORDEN LOAM, 14 TO 18 PERCENT SLOPES	STORDEN	No	---	---	---	---	---	969
	SAND/GRAVEL	No	---	---	---	---	---	51
62F: STORDEN LOAM, 18 TO 25 PERCENT SLOPES	STORDEN	No	---	---	---	---	---	724
	SAND & GRAVEL	No	---	---	---	---	---	40
	SHALE OUTCROP	No	---	---	---	---	---	40
62G: STORDEN LOAM, 25 TO 40 PERCENT SLOPES	STORDEN	No	---	---	---	---	---	1,728
	GRAVELLY SOILS	No	---	---	---	---	---	96
	SHALE OUTCROP	No	---	---	---	---	---	96
73C: SALIDA GRAVELLY LOAMY SAND, 5 TO 9 PERCENT SLOPES	SALIDA	No	---	---	---	---	---	489
	OTHER	No	---	---	---	---	---	26
73D: SALIDA GRAVELLY LOAMY SAND, 9 TO 14 PERCENT SLOPES	SALIDA	No	---	---	---	---	---	347
	OTHER	No	---	---	---	---	---	18
77B: SAC SILTY CLAY LOAM, LOAM SUBSTRATUM, 2 TO 5 PERCENT SLOPES	SAC	No	---	---	---	---	---	6,003
	GLACIAL TILL	No	---	---	---	---	---	334
	GRAVELLY OR SANDY	No	---	---	---	---	---	334
77B2: SAC SILTY CLAY LOAM, LOAM SUBSTRATUM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	SAC	No	---	---	---	---	---	184
	GLACIAL TILL	No	---	---	---	---	---	10
	GRAVELLY OR SANDY	No	---	---	---	---	---	10
77C: SAC SILTY CLAY LOAM, LOAM SUBSTRATUM, 5 TO 9 PERCENT SLOPES	SAC	No	---	---	---	---	---	306

Hydric Soils List

FIELD OFFICE TECHNICAL GUIDE Sec. II
HYDRIC SOIL INTERPRETATIONS

Sac County, Iowa

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	OTHER	Yes	depression	2B3,3	YES	NO	YES	1,326
92: MARCUS SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	MARCUS	Yes	ridge	2B3	YES	NO	NO	7,990
95: HARPS LOAM, 0 TO 2 PERCENT SLOPES	HARPS	Yes	ground moraine	2B3	YES	NO	NO	2,033
	OTHER	Yes	pothole	3,2B3	YES	NO	YES	107
107: WEBSTER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	WEBSTER	Yes	ground moraine	2B3	YES	NO	NO	16,414
	CALCAREOUS	Yes	ground moraine	2B3	YES	NO	NO	966
	CLARION	No	---	---	---	---	---	966
	OKOBOJI	Yes	pothole	3,2B3	YES	NO	YES	966
108: WADENA LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	WADENA	No	---	---	---	---	---	1,762
	OTHER	No	---	---	---	---	---	93
108B: WADENA LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 2 TO 5 PERCENT SLOPES	WADENA	No	---	---	---	---	---	3,230
	OTHER	No	---	---	---	---	---	170
108C2: WADENA LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 5 TO 9 PERCENT SLOPES	WADENA	No	---	---	---	---	---	214
	OTHER	No	---	---	---	---	---	11
133: COLO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	COLO	Yes	flood plain	2B3	YES	NO	NO	8,535
134: ZOOK SILTY CLAY, 0 TO 2 PERCENT SLOPES	ZOOK	Yes	flood plain	2B3	YES	NO	NO	760
135: COLAND CLAY LOAM, 0 TO 2 PERCENT SLOPES	COLAND	Yes	flood plain	2B3	YES	NO	NO	5,085
135B: COLAND CLAY LOAM, 2 TO 4 PERCENT SLOPES	COLAND	Yes	flood plain	2B3	YES	NO	NO	840

Hydric Soils List

Sac County, Iowa

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
138B: CLARION LOAM, 2 TO 5 PERCENT SLOPES	CLARION	No	---	---	---	---	---	41,324
	SANDY OR GRAVELLY	No	---	---	---	---	---	2,296
	STORDEN	No	---	---	---	---	---	2,296
138C: CLARION LOAM, 5 TO 9 PERCENT SLOPES	CLARION	No	---	---	---	---	---	436
	GRAVELLY OR SANDY	No	---	---	---	---	---	24
	STORDEN	No	---	---	---	---	---	24
138C2: CLARION LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	CLARION	No	---	---	---	---	---	9,126
	SANDY OR GRAVELLY	No	---	---	---	---	---	507
	STORDEN	No	---	---	---	---	---	507
138D2: CLARION LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	CLARION	No	---	---	---	---	---	292
	SANDY OR GRAVELLY	No	---	---	---	---	---	16
	STORDEN	No	---	---	---	---	---	16
174B: BOLAN LOAM, 2 TO 5 PERCENT SLOPES	BOLAN	No	---	---	---	---	---	180
	OTHER	No	---	---	---	---	---	10
174C2: BOLAN LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	BOLAN	No	---	---	---	---	---	461
	OTHER	No	---	---	---	---	---	24
174D2: BOLAN LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	BOLAN	No	---	---	---	---	---	375
	OTHER	No	---	---	---	---	---	20
201B: COLAND-SPILLVILLE COMPLEX, 2 TO 5 PERCENT SLOPES	COLAND	Yes	flood plain	2B3	YES	NO	NO	159
	SPILLVILLE	No	---	---	---	---	---	93

Hydric Soils List

FIELD OFFICE TECHNICAL GUIDE Sec. II
HYDRIC SOIL INTERPRETATIONS

Sac County, Iowa

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	TERRIL	No	---	---	---	---	---	13
202: CYLINDER LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	CYLINDER	No	---	---	---	---	---	674
	OTHER	Yes	terrace	2B3	YES	NO	NO	36
203: CYLINDER LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	CYLINDER	No	---	---	---	---	---	1,074
	OTHER	Yes	terrace	2B3	YES	NO	NO	56
221: PALMS MUCK, 0 TO 1 PERCENT SLOPES	PALMS	Yes	pothole	1,3	NO	NO	YES	385
	OTHER	No	---	---	---	---	---	20
234: NISHNA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	NISHNA	Yes	flood plain	2B3	YES	NO	NO	651
	OTHER	Yes	flood plain	2B3	YES	NO	NO	34
236B: LESTER LOAM, 2 TO 7 PERCENT SLOPES	LESTER	No	---	---	---	---	---	1,026
	SANDY OR GRAVELLY	No	---	---	---	---	---	54
259: BISCAY CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	BISCAY	Yes	terrace	2B3	YES	NO	NO	812
	SHALLOW SAND/GRAVEL	No	---	---	---	---	---	43
274: ROLFE LOAM, 0 TO 1 PERCENT SLOPES	ROLFE	Yes	pothole	2B3,3	YES	NO	YES	390
	OTHER	No	---	---	---	---	---	20
308: WADENA LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	WADENA	No	---	---	---	---	---	475
	OTHER	No	---	---	---	---	---	25

Hydric Soils List

FIELD OFFICE TECHNICAL GUIDE Sec. II
HYDRIC SOIL INTERPRETATIONS

Sac County, Iowa

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
308B: WADENA LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 2 TO 5 PERCENT SLOPES	WADENA	No	---	---	---	---	---	245
310: GALVA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	GALVA	No	---	---	---	---	---	855
310B: GALVA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	GALVA	No	---	---	---	---	---	46,046
	PRIMGHAR	No	---	---	---	---	---	2,424
310B2: GALVA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	GALVA	No	---	---	---	---	---	435
310C: GALVA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	GALVA	No	---	---	---	---	---	2,389
	PRIMGHAR	No	---	---	---	---	---	126
310C2: GALVA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	GALVA	No	---	---	---	---	---	4,009
	PRIMGHAR	No	---	---	---	---	---	211
315: ALLUVIAL LAND	ALLUVIAL LAND	No	---	---	---	---	---	3,211
	OTHER	Yes	flood plain	2B3,4	YES	YES	NO	169
323B: TERRIL LOAM, SANDY SUBSTRATUM, 2 TO 5 PERCENT SLOPES	TERRIL	No	---	---	---	---	---	176
	SANDY LOAM SURFACE	No	---	---	---	---	---	9
325: LE SUEUR LOAM, 1 TO 3 PERCENT SLOPES	LE SUEUR	No	---	---	---	---	---	209
	LESTER	Yes	drainageway	2B3	YES	NO	NO	11
354: MARSH	MARSH	Yes	pothole	1,3	NO	NO	YES	209
	OTHER	Yes	pothole	2B3,3	YES	NO	YES	11
384: COLLINWOOD SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES	COLLINWOOD	No	---	---	---	---	---	352

Hydric Soils List

FIELD OFFICE TECHNICAL GUIDE Sec. II
HYDRIC SOIL INTERPRETATIONS

Sac County, Iowa

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	CLAY LOAM OR GLA TILL	Yes	ground moraine	2B3	YES	NO	NO	18
390: WALDORF SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	WALDORF	Yes	glacial lake	2B3	YES	NO	NO	998
	CLAY LOAM OR GLA TILL	No	---	---	---	---	---	52
397B: LETRI SILTY CLAY LOAM, 1 TO 4 PERCENT SLOPES	LETRI	Yes	drainageway	2B3	YES	NO	NO	475
	OTHER	No	---	---	---	---	---	25
428: ELY SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES	ELY	No	---	---	---	---	---	960
	OTHER	Yes	flood plain	2B3	YES	NO	NO	50
430: ACKMORE SILT LOAM, 0 TO 2 PERCENT SLOPES	ACKMORE	No	---	---	---	---	---	2,166
	OTHER	Yes	flood plain	2B3	YES	NO	NO	114
430B: ACKMORE SILT LOAM, 2 TO 5 PERCENT SLOPES	ACKMORE	No	---	---	---	---	---	314
	OTHER	Yes	flood plain	2B3	YES	NO	NO	16
485: SPILLVILLE LOAM, 0 TO 2 PERCENT SLOPES	SPILLVILLE	No	---	---	---	---	---	3,553
	OTHER	Yes	flood plain	2B3	YES	NO	NO	187
485B: SPILLVILLE LOAM, 2 TO 5 PERCENT SLOPES	SPILLVILLE	No	---	---	---	---	---	2,840
	OTHER	Yes	flood plain	2B3	YES	NO	NO	150
506: WACOUSTA SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	WACOUSTA	Yes	pothole	2B3,3	YES	NO	YES	665
	CALCAREOUS	Yes	pothole	3,2B3	YES	NO	YES	35
507: CANISTEO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	CANISTEO	Yes	ground moraine	2B3	YES	NO	NO	26,016
	OTHER	Yes	pothole	3,2B3	YES	NO	YES	1,369
511: BLUE EARTH SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	BLUE EARTH	Yes	pothole	2B3,3	YES	NO	YES	2,345

Hydric Soils List

FIELD OFFICE TECHNICAL GUIDE Sec. II
HYDRIC SOIL INTERPRETATIONS

Sac County, Iowa

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
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559: TALCOT CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	TALCOT	Yes	ground moraine	2B3	YES	NO	NO	366
	SHALLOW SAND/GRAVEL	No	---	---	---	---	---	19
577C2: EVERLY CLAY LOAM, 4 TO 9 PERCENT SLOPES, MODERATELY ERODED	EVERLY	No	---	---	---	---	---	540
	SANDY OR GRAVELLY	No	---	---	---	---	---	30
	STORDEN	No	---	---	---	---	---	30
577D2: EVERLY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	EVERLY	No	---	---	---	---	---	221
	SAC	No	---	---	---	---	---	13
	SANDY OR GRAVELLY	No	---	---	---	---	---	13
	STORDEN	No	---	---	---	---	---	13
606: LANYON SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	LANYON	Yes	pothole	2B3,3	YES	NO	YES	320
733: CALCO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	CALCO	Yes	flood plain	2B3	YES	NO	NO	1,054
	COLO	Yes	flood plain	2B3	YES	NO	NO	56
823B: FLAGLER SANDY LOAM, CALCAREOUS SUBSOIL VARIANT, 2 TO 5 PERCENT SLOPES	FLAGLER	No	---	---	---	---	---	822
	OTHER	No	---	---	---	---	---	43
823C2: FLAGLER SANDY LOAM, CALCAREOUS SUBSOIL VARIANT, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	FLAGLER	No	---	---	---	---	---	428
	CALCAREOUS	No	---	---	---	---	---	22
C5B: KENNEBEC-ACKMORE COMPLEX, CHANNELED, 2 TO 5 PERCENT SLOPES	KENNEBEC	No	---	---	---	---	---	126

Hydric Soils List

Sac County, Iowa

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
C201B: COLAND-SPILLVILLE COMPLEX, CHANNELED, 2 TO 5 PERCENT SLOPES	ACKMORE	No	---	---	---	---	---	63
	OTHER	Yes	flood plain	4	NO	YES	NO	10
	OTHER	Yes	oxbow	3,2B3	YES	NO	YES	10
	COLAND	Yes	flood plain	2B3	YES	NO	NO	419
	SPILLVILLE	No	---	---	---	---	---	161
	OTHER	Yes	oxbow	3,2B3	YES	NO	YES	32
	TERRIL	No	---	---	---	---	---	32
T310: GALVA SILTY CLAY LOAM, BENCHES, 0 TO 2 PERCENT SLOPES	GALVA	No	---	---	---	---	---	2,980
T310B: GALVA SILTY CLAY LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	GALVA	No	---	---	---	---	---	720