

FIELD OFFICE TECHNICAL GUIDE Sec. II  
HYDRIC SOIL INTERPRETATIONS

Hydric Soils List

Appanoose 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	
7A: WIOTA SILT LOAM, 1 TO 3 PERCENT SLOPES	WIOTA	No	---	---	---	---	---	390
13B: OLMITZ-VESSER-COLO COMPLEX, 2 TO 5 PERCENT SLOPES	OLMITZ	No	---	---	---	---	---	9,966
	COLO	Yes	flood plain	2B3	YES	NO	NO	7,474
	VESSER	No	---	---	---	---	---	7,474
24D2: SHELBY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	SHELBY	No	---	---	---	---	---	3,790
24D3: SHELBY SOILS, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	SHELBY	No	---	---	---	---	---	695
24E2: SHELBY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	SHELBY	No	---	---	---	---	---	2,630
24E3: SHELBY SOILS, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	SHELBY	No	---	---	---	---	---	335
51A: VESSER SILT LOAM, 0 TO 2 PERCENT SLOPES	VESSER	No	---	---	---	---	---	1,890
	Other	Yes	flood plain	2B3	YES	NO	NO	100
51B: VESSER SILT LOAM, 2 TO 5 PERCENT SLOPES	VESSER	No	---	---	---	---	---	603
	Other	Yes	flood plain	2B3	YES	NO	NO	32

54A:								
ZOOK SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	ZOOK	Yes	flood plain	2B3	YES	NO	NO	1,530
54B:								
ZOOK SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	ZOOK	Yes	flood plain	2B3	YES	NO	NO	355
56B:								
CANTRIL LOAM, 2 TO 5 PERCENT SLOPES	CANTRIL	No	---	---	---	---	---	352
	Other	Yes	flood plain	2B3	YES	NO	NO	18
65E2:								
LINDLEY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	LINDLEY	No	---	---	---	---	---	4,980

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65E3: LINDLEY SOILS, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	LINDLEY	No	---	---	---	---	---	1,250
65F: LINDLEY LOAM, 18 TO 24 PERCENT SLOPES	LINDLEY	No	---	---	---	---	---	2,625
65F2: LINDLEY LOAM, 18 TO 24 PERCENT SLOPES, MODERATELY ERODED	LINDLEY	No	---	---	---	---	---	15,330
65F3: LINDLEY SOILS, 18 TO 24 PERCENT SLOPES, SEVERELY ERODED	LINDLEY	No	---	---	---	---	---	1,000
65G2: LINDLEY LOAM, 24 TO 40 PERCENT SLOPES, MODERATELY ERODED	LINDLEY	No	---	---	---	---	---	1,040
93D2: ADAIR-SHELBY COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	ADAIR	No	---	---	---	---	---	1,972
	SHELBY	No	---	---	---	---	---	1,255
	OTHER	No	---	---	---	---	---	358
93D3: ADAIR-SHELBY COMPLEX, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	ADAIR	No	---	---	---	---	---	500
	SHELBY	No	---	---	---	---	---	318
	OTHER	No	---	---	---	---	---	91





MODERATELY ERODED									
132C2:									
WELLER SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	WELLER	No	---	---	---	---	---	---	2,635
132D2:									
WELLER SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	WELLER	No	---	---	---	---	---	---	295
133+:									
COLO SILT LOAM, OVERWASH	COLO	Yes	flood plain	2B3	YES	NO	NO		215
133A:									
COLO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	COLO	Yes	flood plain	2B3	YES	NO	NO		875



MODERATELY ERODED									
192D2: ADAIR CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	ADAIR	No	---	---	---	---	---	---	630
208: LANDES FINE SANDY LOAM, HEAVY SUBSOIL VARIANT	LANDES VARIANT	No	---	---	---	---	---	---	537
	Other	Yes	flood plain	2B3	YES	NO	NO		28
211: EDINA SILT LOAM	EDINA	Yes	ridge	2B3	YES	NO	NO		27,575
220: NODAWAY SILT LOAM	NODAWAY	No	---	---	---	---	---		1,624
	Other	Yes	flood plain	2B3	YES	NO	NO		86





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313F2: GOSPORT-CLANTON SILT LOAMS, 18 TO 24 PERCENT SLOPES, MODERATELY ERODED	GOSPORT	No	---	---	---	---	---	140
	CLANTON	No	---	---	---	---	---	115
315: NODAWAY-ALLUVIAL LAND COMPLEX	NODAWAY	No	---	---	---	---	---	564
	ALLUVIAL LAND	No	---	---	---	---	---	359
	OTHER	Yes	flood plain	4	NO	YES	NO	51
	OTHER	Yes	oxbow	2B3,3	YES	NO	YES	51
354: MARSH	MARSH	Yes	depression	1,3	NO	NO	YES	352
	Other	Yes	depression	2B3	YES	NO	NO	18
362: HAIG SILTY CLAY LOAM	HAIG	Yes	ridge	2B3	YES	NO	NO	3,040
364B: GRUNDY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	GRUNDY	No	---	---	---	---	---	4,815
406: KENNEBEC-AMANA SILT LOAMS	KENNEBEC	No	---	---	---	---	---	3,314
	AMANA	No	---	---	---	---	---	2,109
	OTHER	Yes	flood plain	2B2	YES	NO	NO	602
413D2: SOGN-GOSPORT-CLANTON COMPLEX, 9 TO 18 PERCENT SLOPES,	SOGN	No	---	---	---	---	---	478







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532B2: RATHBUN SILT LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	RATHBUN	No	---	---	---	---	---	990
532C: RATHBUN SILT LOAM, 5 TO 9 PERCENT SLOPES	RATHBUN	No	---	---	---	---	---	830
532C2: RATHBUN SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	RATHBUN	No	---	---	---	---	---	2,610
534: CARLOW SILTY CLAY	CARLOW	Yes	flood plain	3,2B3	YES	NO	YES	1,090
587: CHEQUEST SILTY CLAY LOAM	CHEQUEST	Yes	flood plain	2B3	YES	NO	NO	3,755
592C2: MYSTIC SILT LOAM, 5 TO 9 PERCENT SLOPES MODERATELY ERODED	MYSTIC	No	---	---	---	---	---	1,805
592C3: MYSTIC SOILS, 5 TO 9 PERCENT SLOPES, SEVERELY ERODED	MYSTIC	No	---	---	---	---	---	180
592D2: MYSTIC SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	MYSTIC	No	---	---	---	---	---	3,890
592D3: MYSTIC SOILS, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	MYSTIC	No	---	---	---	---	---	3,020
752C: LINEVILLE SILT LOAM,	LINEVILLE	No	---	---	---	---	---	720







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	OTHER	No	---	---	---	---	---	52
5030: MINES AND QUARRIES	MINES AND QUARRIES	Unranked	---	---	---	---	---	920
T130: BELINDA SILT LOAM, BENCHES	BELINDA	Yes	terrace	2B3	YES	NO	NO	185
T131B: PERSHING SILT LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	PERSHING	No	---	---	---	---	---	550
T131C: PERSHING SILT LOAM, BENCHES, 5 TO 9 PERCENT SLOPES	PERSHING	No	---	---	---	---	---	200
T132B: WELLER SILT LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	WELLER	No	---	---	---	---	---	335
T132C: WELLER SILT LOAM, BENCHES, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	WELLER	No	---	---	---	---	---	275