APPENDIX B

Appendix B

12-Digit HUC Soils

Hydric Codes

1	All Histels except for Folistels, and Histosols except for Folists.
2	Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Historthels great group, Histoturbels great group, Pachic subgroups, or Cumulic subgroups that:
A.	Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
B.	Show evidence that the soil meets the definition of a hydric soil;
3	Soils that are frequently ponded for long or very long duration during the growing season.
A.	Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
B.	Show evidence that the soil meets the definition of a hydric soil;
4	Map unit components that are frequently flooded for long duration or very long duration during the growing season that:
A.	Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
B.	Show evidence that the soil meets the definition of a hydric soil.

North Fork Fishing Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	North Fork Fishing Creek (Acres)	Project Area (Acres)
EkB: Elk silt loam, 3 to 8 percent slopes	Elk	75	Terraces	No	—	Wetzel	10.8	—
	Melvin	3	Flood plains	Yes	2			
GcE: Gilpin-Culleoka silt loams, 25 to 35 percent slopes	Gilpin	55	Hillslopes,ridges	No	—	Marion and Monongalia	0.4	—
	Culleoka	25	Hillslopes,ridges	No	—			
GpD: Gilpin-Peabody complex, 15 to 25 percent slopes	Gilpin	35-45	Hillslopes	No	—	Wetzel	4,099.2	23.2
	Peabody	25-35	Hillslopes	No	—			
GpE: Gilpin-Peabody complex, 25 to 35 percent slopes, moderately eroded	Gilpin	40-50	Ridges,hillslopes	No	—	Wetzel	1,432.7	5.0
	Peabody	30-40	Hillslopes,ridges	No	—			
GpF: Gilpin-Peabody complex, 35 to 70 percent slopes	Gilpin	50	Hillslopes	No	—	Wetzel	18,237.0	20.1
	Peabody	30	Hillslopes	No	—			
GuD: Gilpin-Culleoka-Upshur silt loams, 15 to 25 percent slopes	Gilpin	10-50	Ridges	No	—	Marion and Monongalia	18.1	—
	Upshur	10-40	Ridges	No	—			
	Culleoka	10-40	Ridges	No	—			
GuE: Gilpin-Culleoka-Upshur silt loams, 25 to 35 percent slopes	Gilpin	10-50	Hillslopes	No	—	Marion and Monongalia	7.0	—
	Culleoka	10-40	Hillslopes	No	—			
	Upshur	10-40	Hillslopes	No	—			
GuF: Gilpin-Culleoka-Upshur silt loams, 35 to 65 percent slopes	Gilpin	10-50	Hillslopes	No	—	Marion and Monongalia	0.7	—
	Culleoka	10-40	Hillslopes	No	—			
	Upshur	10-40	Hillslopes	No	—			
No: Nolin loam	Nolin	80	Flood plains	No	—	Wetzel	997.6	—
	Melvin	5	Flood plains	Yes	2			
OtB: Otwell silt loam, 3 to 8 percent slopes	Otwell	75	Stream terraces	No	—	Wetzel	68.3	—
Sk: Skidmore gravelly loam, occasionally flooded	Skidmore-Occasionally flooded	75-85	Flood plains	No	—	Wetzel	1,410.8	9.6
	Melvin-Occasionally flooded	2-4	Depressions,flood plains	Yes	2			
Us: Udorthents, smoothed	Udorthents	100	—	No	—	Wetzel	7.3	0.6
VaD: Vandalia silty clay loam, 15 to 25 percent slopes	Vandalia	70-80	Hillslopes	No	—	Wetzel	817.1	—
VaE: Vandalia silty clay loam, 25 to 35 percent slopes	Vandalia	70-90	Hillslopes	No	—	Wetzel	73.9	—
W: Water	Water	100	—	No	—	Wetzel	0.5	—

Data Source Information

Soil Survey Area: Marion and Monongalia Counties, West Virginia
Survey Area Data: Version 15, Sep 13, 2021
Soil Survey Area: Wetzel County, West Virginia
Survey Area Data: Version 15, Sep 13, 2021

Headwaters South Fork Fishing Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Headwaters South Fork Fishing Creek (Acres)	Project Area (Acres)
GpD: Gilpin-Upshur complex, 15 to 25 percent slopes	Gilpin	40-60	Hillslopes	No	—	Pleasants and Tyler	0.9	—
	Upshur	25-45	Hillslopes	No	—			
GpD: Gilpin-Peabody complex, 15 to 25 percent slopes	Gilpin	35-45	Hillslopes	No	—	Wetzel	3,720.8	76.7
	Peabody	25-35	Hillslopes	No	—			
GpE: Gilpin-Peabody complex, 25 to 35 percent slopes, moderately eroded	Gilpin	40-50	Ridges,hillslopes	No	—	Wetzel	2,784.2	57.6
	Peabody	30-40	Hillslopes,ridges	No	—			
GpF: Gilpin-Upshur complex, 35 to 70 percent slopes	Gilpin	40-60	Hillslopes	No	—	Pleasants and Tyler	1.3	—
	Upshur	20-40	Hillslopes	No	—			
GpF: Gilpin-Peabody complex, 35 to 70 percent slopes	Gilpin	50	Hillslopes	No	—	Wetzel	16,147.5	69.8
	Peabody	30	Hillslopes	No	—			
GsF: Gilpin-Peabody silt loams, 35 to 70 percent slopes, very stony	Gilpin	45-55	Hillslopes	No	—	Doddridge	2.4	—
	Peabody	25-35	Hillslopes	No	—			
GuD: Gilpin-Upshur silt loams, 15 to 25 percent slopes	Gilpin	40-60	Hillslopes	No	—	Doddridge	25.1	—
	Upshur	25-40	Hillslopes	No	—			
GuD: Gilpin-Upshur complex, 15 to 25 percent slopes	Gilpin	40-60	Hillslopes	No	—	Harrison and Taylor	5.7	—
	Upshur	25-45	Hillslopes	No	—			
GuD: Gilpin-Culleoka-Upshur silt loams, 15 to 25 percent slopes	Gilpin	10-50	Ridges	No	—	Marion and Monongalia	6.9	—
	Upshur	10-50	Ridges	No	—			
	Culleoka	10-50	Ridges	No	—			
GuD3: Gilpin-Upshur complex, 15 to 25 percent slopes, severely eroded	Gilpin	2-4	Ridges,benches	No	—	Harrison and Taylor	0.9	—
	Upshur	2-4	Ridges,benches	No	—			
GuE: Gilpin-Culleoka-Upshur silt loams, 25 to 35 percent slopes	Gilpin	10-50	Hillslopes	No	—	Marion and Monongalia	1.2	—
	Culleoka	10-40	Hillslopes	No	—			
	Upshur	10-40	Hillslopes	No	—			
GuF: Gilpin-Culleoka-Upshur silt loams, 35 to 65 percent slopes	Gilpin	10-50	Hillslopes	No	—	Marion and Monongalia	18.6	0.0
	Culleoka	10-40	Hillslopes	No	—			
	Upshur	10-40	Hillslopes	No	—			
GuF3: Gilpin-Upshur complex, 35 to 70 percent slopes, severely eroded	Gilpin	70	Ridges,benches	No	—	Harrison and Taylor	27.0	3.3
	Upshur	20	Ridges,benches	No	—			
No: Nolin loam	Nolin	80	Flood plains	No	—	Wetzel	455.2	3.8
	Melvin	5	Flood plains	Yes	2			
Sk: Skidmore gravelly loam, occasionally flooded	Skidmore-Occasionally flooded	75-85	Flood plains	No	—	Wetzel	1,894.0	20.2
	Melvin-Occasionally flooded	2-4	Depressions,flood plains	Yes	2			
Us: Udorthents, smoothed	Udorthents	100	—	No	—	Wetzel	2.1	—
VaD: Vandalia silty clay loam, 15 to 25 percent slopes	Vandalia	70-80	Hillslopes	No	—	Wetzel	682.9	4.6

VaE: Vandalia silty clay loam, 25 to 35 percent slopes	Vandalia	70-90	Hillslopes	No	—	Wetzel	35.9	—
W: Water	Water	100	—	No	—	Wetzel	3.5	—

Data Source Information

Soil Survey Area: Doddridge County, West Virginia
Survey Area Data: Version 17, Sep 13, 2021
Soil Survey Area: Harrison and Taylor Counties, West Virginia
Survey Area Data: Version 15, Sep 13, 2021
Soil Survey Area: Marion and Monongalia Counties, West Virginia
Survey Area Data: Version 15, Sep 13, 2021
Soil Survey Area: Pleasants and Tyler Counties, West Virginia
Survey Area Data: Version 14, Sep 13, 2021
Soil Survey Area: Wetzel County, West Virginia
Survey Area Data: Version 15, Sep 13, 2021

Buckeye Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Buckeye Creek (Acres)	Project Area (Acres)
Ch: Chagrin silt loam, 0 to 3 percent slopes, occasionally flooded	Chagrin	80-100	Flood plains	No	—	Doddridge	303.0	—
	Holly	0-15	Flood plains	Yes	2,4			
Co: Cotaco silt loam	Cotaco	70	Flood plains	No	—	Doddridge	36.7	—
	Melvin	5	Flood plains	Yes	2			
GlF: Gilpin silt loam, 35 to 70 percent slopes	Gilpin	65-85	Hillslopes	No	—	Harrison and Taylor	1.2	—
GpE: Gilpin-Peabody complex, 25 to 35 percent slopes, moderately eroded	Gilpin	40-50	Ridges,hillslopes	No	—	Doddridge	79.5	—
	Peabody	30-40	Hillslopes,ridges	No	—			
GsE: Gilpin-Peabody silt loams, 15 to 35 percent slopes, very stony	Gilpin	45-55	Hillslopes	No	—	Doddridge	5,228.7	3.9
	Peabody	30-40	Hillslopes	No	—			
GsF: Gilpin-Peabody silt loams, 35 to 70 percent slopes, very stony	Gilpin	45-55	Hillslopes	No	—	Doddridge	15,706.7	4.3
	Peabody	25-35	Hillslopes	No	—			
GuC: Gilpin-Upshur silt loams, 8 to 15 percent slopes	Gilpin	40-60	Ridges	No	—	Doddridge	327.1	1.3
	Upshur	25-40	Ridges	No	—			
GuC3: Gilpin-Upshur complex, 8 to 15 percent slopes, severely eroded	Gilpin	40-50	Ridges,hillslopes	No	—	Harrison and Taylor	0.8	—
	Upshur	30-45	Ridges,hillslopes	No	—			
GuD: Gilpin-Upshur silt loams, 15 to 25 percent slopes	Gilpin	40-60	Hillslopes	No	—	Doddridge	655.4	10.0
	Upshur	25-40	Hillslopes	No	—			
GuD: Gilpin-Upshur complex, 15 to 25 percent slopes	Gilpin	40-60	Hillslopes	No	—	Harrison and Taylor	8.5	1.0
	Upshur	25-45	Hillslopes	No	—			
GuD3: Gilpin-Upshur complex, 15 to 25 percent slopes, severely eroded	Gilpin	44	Ridges,benches	No	—	Harrison and Taylor	2.8	—
	Upshur	46	Ridges,benches	No	—			
GuE: Gilpin-Upshur complex, 25 to 35 percent slopes	Gilpin	40-70	Hillslopes	No	—	Harrison and Taylor	7.4	—
	Upshur	20-40	Hillslopes	No	—			
GuE3: Gilpin-Upshur complex, 25 to 35 percent slopes, severely eroded	Gilpin	70	Ridges,hillslopes,benches	No	—	Harrison and Taylor	11.1	—
	Upshur	20	Ridges,benches	No	—			
GuF3: Gilpin-Upshur complex, 35 to 70 percent slopes, severely eroded	Gilpin	70	Ridges,benches	No	—	Harrison and Taylor	49.6	0.3
	Upshur	20	Ridges,benches	No	—			
Ka: Kanawha loam, 0 to 3 percent slopes, rarely flooded	Kanawha	75-100	Flood plains,stream terraces	No	—	Doddridge	66.6	—
	Holly	0-5	Flood plains	Yes	2			
Me: Melvin silt loam, 0 to 3 percent slopes, rarely flooded	*Melvin*	*75-100*	*Flood plains*	*Yes*	*2*	*Doddridge*	*15.7*	—
MoB: Monongahela silt loam, 3 to 8 percent slopes	Monongahela	75-95	Terraces	No	—	Doddridge	4.7	0.3
	Purdy	0-25	Terraces	Yes	2,3			
MoC: Monongahela silt loam, 8 to 15 percent slopes	Monongahela	70-85	Terraces	No	—	Doddridge	3.0	—
	Purdy	0-30	Terraces	Yes	2,3			
Se: Sensabaugh silt loam, 0 to 3 percent slopes, occasionally flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Doddridge	757.5	—
	Melvin	0-10	Flood plains	Yes	2			
SeB: Sensabaugh silt loam, 3 to 8 percent slopes, rarely flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Doddridge	705.4	1.2
Su: Sensabaugh-Urban land complex	Sensabaugh	60	Flood plains	No	—	Doddridge	13.8	—
	Urban land	25	—	No	—			
SuB: Sensabaugh-Urban land complex, 3 to 8 percent slopes, rarely flooded	Sensabaugh	70	Flood plains	No	—	Doddridge	37.8	—
	Urban land	15-Jan	—	No	—			
Ud: Udorthents, smoothed	Udorthents	90	—	No	—	Doddridge	514.8	5.4

UL: Urban land	Urban land	90	—	No	—	Harrison and Taylor	10.6	—
VaC: Vandalia silt loam, 8 to 15 percent slopes	Vandalia	75-85	Hillslopes	No	—	Doddridge	60.4	1.2
VaC: Vandalia silty clay loam, 8 to 15 percent slopes	Vandalia	75-85	Hillslopes	No	—	Harrison and Taylor	6.4	0.5
VaD: Vandalia silt loam, 15 to 25 percent slopes	Vandalia	75-85	Hillslopes	No	—	Doddridge	141.6	—
VaD: Vandalia silty clay loam, 15 to 25 percent slopes	Vandalia	70-80	Hillslopes	No	—	Harrison and Taylor	5.3	—
VaD3: Vandalia silty clay loam, 15 to 25 percent slopes, severely eroded	Vandalia	75-85	Hillslopes	No	—	Harrison and Taylor	0.0	—
VaE: Vandalia silt loam, 25 to 35 percent slopes	Vandalia	75-85	Hillslopes	No	—	Doddridge	10.9	—
VsE: Vandalia silt loam, 15 to 35 percent slopes, very stony	Vandalia	75-85	Hillslopes	No	—	Doddridge	199.1	—
VuD: Vandalia-Urban land complex, 15 to 25 percent slopes	Vandalia	70	Hillslopes	No	—	Doddridge	8.3	—
	Urban land	20	—	No	—			
W: Water	Water	100	—	No	—	Doddridge	40.7	—

Data Source Information

Soil Survey Area: Doddridge County, West Virginia
Survey Area Data: Version 17, Sep 13, 2021
Soil Survey Area: Harrison and Taylor Counties, West Virginia
Survey Area Data: Version 15, Sep 13, 2021

Meathouse Fork

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Meathouse Fork (Acres)	Project Area (Acres)
Ch: Chagrin silt loam, 0 to 3 percent slopes, occasionally flooded	Chagrin	80-100	Flood plains	No	—	Doddridge	532.0	—
	Holly	0-15	Flood plains	Yes	2,4			
Co: Cotaco silt loam	Cotaco	70	Flood plains	No	—	Doddridge	69.9	0.3
	Melvin	5	Flood plains	Yes	2			
GaD: Gilpin silt loam, moist, 15 to 25 percent slopes	Gilpin-Moist	75-85	Hillslopes	No	—	Lewis	2.0	—
GpE: Gilpin-Peabody silt loams, 25 to 35 percent slopes	Gilpin	40-50	Ridges,hillslopes	No	—	Doddridge	166.2	—
	Peabody	40-50	Hillslopes,ridges	No	—			
GsE: Gilpin-Peabody silt loams, 15 to 35 percent slopes, very stony	Gilpin	45-55	Hillslopes	No	—	Doddridge	6,931.0	34.8
	Peabody	30-40	Hillslopes	No	—			
GsF: Gilpin-Peabody silt loams, 35 to 70 percent slopes, very stony	Gilpin	45-55	Hillslopes	No	—	Doddridge	19,677.3	13.8
	Peabody	25-35	Hillslopes	No	—			
GuC: Gilpin-Upshur silt loams, 8 to 15 percent slopes	Gilpin	40-60	Ridges	No	—	Doddridge	241.1	—
	Upshur	25-40	Ridges	No	—			
GuC: Gilpin-Upshur complex, 8 to 15 percent slopes	Gilpin	40-55	Ridges	No	—	Harrison and Taylor	3.4	–
	Upshur	25-45	Ridges	No	—			
GuD: Gilpin-Upshur silt loams, 15 to 25 percent slopes	Gilpin	40-60	Hillslopes	No	—	Doddridge	991.5	—
	Upshur	25-40	Hillslopes	No	—			
GuD: Gilpin-Upshur complex, 15 to 25 percent slopes	Gilpin	40-60	Hillslopes	No	—	Harrison and Taylor	0.2	–
	Upshur	25-45	Hillslopes	No	—			
GuD: Gilpin-Upshur silt loams, 15 to 25 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	1.4	–
	Upshur	30	Hillslopes	No	—			
GuE: Gilpin-Upshur complex, 25 to 35 percent slopes	Gilpin	40-70	Hillslopes	No	—	Harrison and Taylor	26.6	6.8
	Upshur	20-40	Hillslopes	No	—			
GuE: Gilpin-Upshur silt loams, 25 to 35 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	3.4	–
	Upshur	30	Hillslopes	No	—			
GuE3: Gilpin-Upshur complex, 25 to 35 percent slopes, severely eroded	Gilpin	70	Ridges,hillslopes,benches	No	—	Harrison and Taylor	2.9	0.0
	Upshur	20	Ridges,benches	No	—			
GuF3: Gilpin-Upshur complex, 35 to 70 percent slopes, severely eroded	Gilpin	70	Ridges,benches	No	—	Harrison and Taylor	3.3	—
	Upshur	20	Ridges,benches	No	—			
GwF3: Gilpin-Upshur silt loams, 35 to 70 percent slopes, severely eroded	Gilpin	45-55	Hillslopes	No	—	Lewis	30.0	—
	Upshur	30-40	Hillslopes	No	—			
Ka: Kanawha loam, 0 to 3 percent slopes, rarely flooded	Kanawha	75-100	Flood plains,stream terraces	No	—	Doddridge	253.4	—
	Holly	0-5	Flood plains	Yes	2			
Me: Melvin silt loam, 0 to 3 percent slopes, rarely flooded	*Melvin*	*75-100*	*Flood plains*	*Yes*	*2*	*Doddridge*	*23.0*	*0.8*
MoB: Monongahela silt loam, 3 to 8 percent slopes	Monongahela	75-95	Terraces	No	—	Doddridge	55.9	—
	Purdy	0-25	Terraces	Yes	2,3			
MoC: Monongahela silt loam, 8 to 15 percent slopes	Monongahela	70-85	Terraces	No	—	Doddridge	40.8	—
	Purdy	0-30	Terraces	Yes	2,3			
MuB: Monongahela-Urban land complex, 3 to 8 percent slopes	Monongahela	50	Stream terraces	No	—	Doddridge	8.3	—
	Urban land	35	—	No	—			
MuC: Monongahela-Urban land complex, 8 to 15 percent slopes	Monongahela	45	Stream terraces	No	—	Doddridge	0.6	—
	Urban land	30	—	No	—			
Se: Sensabaugh silt loam, 0 to 3 percent slopes, occasionally flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Doddridge	1,007.8	4.1
	Melvin	0-10	Flood plains	Yes	2			
SeB: Sensabaugh silt loam, 3 to 8 percent slopes, rarely flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Doddridge	787.1	0.9
Ud: Udorthents, smoothed	Udorthents	90	—	No	—	Doddridge	7.1	—

UhD3: Upshur silty clay, 15 to 25 percent slopes, severely eroded	Upshur	80	Benches,ridges	No	—	Harrison and Taylor	0.0	—
VaC: Vandalia silt loam, 8 to 15 percent slopes	Vandalia	75-85	Hillslopes	No	—	Doddridge	29.2	—
VaD: Vandalia silt loam, 15 to 25 percent slopes	Vandalia	75-85	Hillslopes	No	—	Doddridge	275.5	—
VaE: Vandalia silt loam, 25 to 35 percent slopes	Vandalia	75-85	Hillslopes	No	—	Doddridge	34.4	—
VsE: Vandalia silt loam, 15 to 35 percent slopes, very stony	Vandalia	75-85	Hillslopes	No	—	Doddridge	213.3	—
VuD: Vandalia-Urban land complex, 15 to 25 percent slopes	Vandalia	Mar-00	Hillslopes	No	—	Doddridge	1.2	—
	Urban land	Jan-00	—	No	—			
W: Water	Water	Apr-00	—	No	—	Doddridge	53.4	—

Data Source Information

Soil Survey Area: Doddridge County, West Virginia
Survey Area Data: Version 17, Sep 13, 2021
Soil Survey Area: Harrison and Taylor Counties, West Virginia
Survey Area Data: Version 15, Sep 13, 2021
Soil Survey Area: Lewis County, West Virginia
Survey Area Data: Version 14, Sep 13, 2021

Little Tenmile Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Little Tenmile Creek (Acres)	Project Area (Acres)
AgC: Allegheny silt loam, 8 to 15 percent slopes	Allegheny	80-90	Stream terraces	No	—	Harrison & Taylor	2.5	—
At: Atkins silt loam, 0 to 3 percent slopes, frequently flooded	*Atkins*	*80-90*	*Flood plains*	*Yes*	*2,3*	*Harrison & Taylor*	*8.9*	—
Ch: Chavies fine sandy loam	Chavies	85	Terraces	No	—	Harrison & Taylor	2.5	—
ClB: Clarksburg silt loam, 3 to 8 percent slopes	Clarksburg	75-95	Hillslopes	No	—	Harrison & Taylor	35.7	—
	Melvin	0-5	Flood plains	Yes	2			
ClC: Clarksburg silt loam, 8 to 15 percent slopes	Clarksburg	75-95	Hillslopes	No	—	Harrison & Taylor	92.4	—
	Melvin	0-5	Flood plains	Yes	2			
ClD: Clarksburg silt loam, 15 to 25 percent slopes	Clarksburg	80-90	Hillslopes	No	—	Harrison & Taylor	248.3	—
	Melvin	0-5	Flood plains	Yes	2			
ClD3: Clarksburg silt loam, 15 to 25 percent slopes, severely eroded	Clarksburg	75	Hillslopes,drainageways	No	—	Harrison & Taylor	31.3	—
CoB: Cookport silt loam, 3 to 8 percent slopes	Cookport	75-85	Ridges	No	—	Harrison & Taylor	12.3	—
	Nolo	0-10	Depressions	Yes	2			
CoC: Cookport silt loam, 8 to 15 percent slopes	Cookport	75-85	Hillslopes	No	—	Harrison & Taylor	2.8	—
	Nolo	0-5	Depressions	Yes	2			
FaaB: Fairpoint silt loam, 0 to 8 percent slopes, reclaimed, highwall	unstable fill	60-100	—	No	—	Harrison & Taylor	54.8	—
FaaD: Fairpoint silt loam, 8 to 25 percent slopes, reclaimed, highwall	unstable fill	60-100	—	No	—	Harrison & Taylor	73.0	—
FaaF: Fairpoint silt loam, 25 to 70 percent slopes, reclaimed, highwall	unstable fill	60-100	—	No	—	Harrison & Taylor	2.3	—
FaE: Faywood silty clay loam, 25 to 35 percent slopes	Faywood	70	Hillslopes	No	—	Harrison & Taylor	12.7	—
FhB: Fairpoint channery silt loam, 0 to 8 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Harrison & Taylor	19.2	—
FhD: Fairpoint channery silt loam, 8 to 25 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Harrison & Taylor	17.6	—
FhF: Fairpoint channery silt loam, 25 to 70 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Harrison & Taylor	77.0	—
FpB: Fairpoint channery silt loam, 0 to 8 percent slopes, unreclaimed	fill	60-100	—	No	—	Harrison & Taylor	4.5	—
FpD: Fairpoint channery silt loam, 8 to 25 percent slopes, unreclaimed	fill	60-100	—	No	—	Harrison & Taylor	21.7	—
FpF: Fairpoint channery silt loam, 25 to 70 percent slopes, unreclaimed	fill	60-100	—	No	—	Harrison & Taylor	78.0	—
FrB: Fairpoint silt loam, 0 to 8 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Harrison & Taylor	82.4	—
FrD: Fairpoint silt loam, 8 to 25 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Harrison & Taylor	135.7	—
FrF: Fairpoint silt loam, 25 to 70 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Harrison & Taylor	46.1	—
GlB: Gilpin silt loam, 3 to 8 percent slopes	Gilpin	75-100	Ridges	No	—	Harrison & Taylor	6.2	—
GlC: Gilpin silt loam, 8 to 15 percent slopes	Gilpin	75-85	Hillslopes	No	—	Harrison & Taylor	65.3	—
GlD: Gilpin silt loam, 15 to 25 percent slopes	Gilpin	70-100	Hillslopes	No	—	Harrison & Taylor	342.3	—
GlE: Gilpin silt loam, 25 to 35 percent slopes	Gilpin	75-100	Hillslopes	No	—	Harrison & Taylor	445.8	—
GlF: Gilpin silt loam, 35 to 70 percent slopes	Gilpin	65-85	Hillslopes	No	—	Harrison & Taylor	83.6	—
GpD: Gilpin-Peabody complex, 15 to 25 percent slopes	Gilpin	35-45	Hillslopes	No	—	Wetzel	0.0	—
	Peabody	25-35	Hillslopes	No	—			
GpF: Gilpin-Peabody complex, 35 to 70 percent slopes	Gilpin	50	Hillslopes	No	—	Wetzel	1.2	—
	Peabody	30	Hillslopes	No	—			
GsC: Gilpin silt loam, 3 to 15 percent slopes, very stony	Gilpin	75-85	Hillslopes	No	—	Harrison & Taylor	1.2	—

GsE: Gilpin-Peabody silt loams, 15 to 35 percent slopes, very stony	Gilpin	45-55	Hillslopes	No	—	Doddridge	8.7	—
	Peabody	30-40	Hillslopes	No	—			
GsE: Gilpin silt loam, 15 to 35 percent slopes, very stony	Gilpin	75-85	Hillslopes	No	—	Harrison & Taylor	7.6	—
GsF: Gilpin-Peabody silt loams, 35 to 70 percent slopes, very stony	Gilpin	45-55	Hillslopes	No	—	Doddridge	0.5	—
	Peabody	25-35	Hillslopes	No	—			
GTF: Gilpin channery silt loam, 35 to 65 percent slopes, extremely stony	Gilpin	65-80	Hillslopes	No	—	Harrison & Taylor	227.4	—
GuC: Gilpin-Upshur complex, 8 to 15 percent slopes	Gilpin	40-55	Ridges	No	—	Harrison & Taylor	74.5	4.6
	Upshur	25-45	Ridges	No	—			
GuC3: Gilpin-Upshur complex, 8 to 15 percent slopes, severely eroded	Gilpin	40-50	Ridges,hillslopes	No	—	Harrison & Taylor	6.0	—
	Upshur	30-45	Ridges,hillslopes	No	—			
GuD: Gilpin-Upshur silt loams, 15 to 25 percent slopes	Gilpin	40-60	Hillslopes	No	—	Doddridge	2.2	—
	Upshur	25-40	Hillslopes	No	—			
GuD: Gilpin-Upshur complex, 15 to 25 percent slopes	Gilpin	40-60	Hillslopes	No	—	Harrison & Taylor	628.9	5.9
	Upshur	25-45	Hillslopes	No	—			
GuD3: Gilpin-Upshur complex, 15 to 25 percent slopes, severely eroded	Gilpin	46	Ridges,benches	No	—	Harrison & Taylor	458.8	13.4
	Upshur	44	Ridges,benches	No	—			
GuE: Gilpin-Upshur complex, 25 to 35 percent slopes	Gilpin	40-70	Hillslopes	No	—	Harrison & Taylor	277.3	0.5
	Upshur	20-40	Hillslopes	No	—			
GuE3: Gilpin-Upshur complex, 25 to 35 percent slopes, severely eroded	Gilpin	70	Ridges,hillslopes,benches	No	—	Harrison & Taylor	2,009.7	21.1
	Upshur	20	Ridges,benches	No	—			
GuF3: Gilpin-Upshur complex, 35 to 70 percent slopes, severely eroded	Gilpin	70	Ridges,benches	No	—	Harrison & Taylor	8,699.0	71.2
	Upshur	20	Ridges,benches	No	—			
GyC: Guernsey silt loam, 8 to 15 percent slopes	Guernsey	80-100	Hills	No	—	Harrison & Taylor	62.2	—
GyD: Guernsey silt loam, 15 to 25 percent slopes	Guernsey	75-100	Hills	No	—	Harrison & Taylor	62.5	—
GyD3: Guernsey silt loam, 15 to 25 percent slopes, severely eroded	Guernsey	75	Ridges,benches	No	—	Harrison & Taylor	16.0	—
Ha: Hackers silt loam, 0 to 3 percent slopes, rarely flooded	Hackers	80-95	Flood plains	No	—	Harrison & Taylor	2.9	1.6
	Melvin	0-5	Flood plains	Yes	2			
ImB: Itmann very channery loam, 0 to 8 percent slopes	Itmann-Unstable fill	100	—	No	—	Harrison & Taylor	10.7	—
ImD: Itmann very channery loam, 8 to 25 percent slopes	Itmann-Unstable fill	100	—	No	—	Harrison & Taylor	8.2	—
ImF: Itmann very channery loam, 25 to 70 percent slopes	Itmann-Unstable fill	100	—	No	—	Harrison & Taylor	2.3	—
ImF: Itmann very channery loam, 25 to 70 percent slopes	Lindside-Occasionally flooded	80-95	Flood plains	No	—	Harrison & Taylor	27.6	—
	Melvin-Occasionally flooded	0-10	Flood plains	Yes	2			
MoB: Monongahela silt loam, 3 to 8 percent slopes	Monongahela	75-95	Terraces	No	—	Harrison & Taylor	28.7	—
	Purdy	0-25	Terraces	Yes	2,3			
MoC: Monongahela silt loam, 8 to 15 percent slopes	Monongahela	70-85	Terraces	No	—	Harrison & Taylor	44.9	—
	Purdy	0-30	Terraces	Yes	2,3			
Ph: Philo silt loam, 0 to 3 percent slopes, occasionally flooded	Philo	80-95	Flood plains	No	—	Harrison & Taylor	177.3	1.4
	Atkins	2-10	Flood plains	Yes	2,3			
Po: Pope silt loam, 0 to 3 percent slopes, occasionally flooded	Pope	80-90	Flood plains	No	—	Harrison & Taylor	23.2	0.7
	Atkins	2-10	Flood plains	Yes	2,3			
Tg: Tygart silt loam	Tygart	80	Terraces	No	—	Harrison & Taylor	6.3	2.3
	Purdy	5	Lake terraces	Yes	2,3			
UF: Udifluvents and Fluvaquents	Udifluvents	41	Flood plains	No	—	Harrison & Taylor	981.4	6.9
	Fluvaquents	39	Flood plains	Yes	2			
	Melvin	5	Flood plains	Yes	2			
UhC3: Upshur silty clay, 8 to 15 percent slopes, severely eroded	Upshur	80	Ridges,benches	No	—	Harrison & Taylor	2.0	—
UL: Urban land	Urban land	90	—	No	—	Harrison & Taylor	18.2	—
VaB: Vandalia silty clay loam, 3 to 8 percent slopes	Vandalia	80	Hillslopes,drainageways, alluvial fans	No	—	Harrison & Taylor	42.0	—
VaC: Vandalia silty clay loam, 8 to 15 percent slopes	Vandalia	75-85	Hillslopes	No	—	Harrison & Taylor	234.5	0.2
VaD: Vandalia silty clay loam, 15 to 25 percent slopes	Vandalia	70-80	Hillslopes	No	—	Harrison & Taylor	95.8	8.3
VaD3: Vandalia silty clay loam, 15 to 25 percent slopes, severely eroded	Vandalia	75-85	Hillslopes	No	—	Harrison & Taylor	11.4	—

W: Water	Water	100	—	No	—	Harrison & Taylor	53.9	—
WmC: Westmoreland silt loam, 8 to 15 percent slopes	Westmoreland	75-90	Hills	No	—	Harrison & Taylor	38.6	—
WmD: Westmoreland silt loam, 15 to 25 percent slopes	Westmoreland	75-90	Hills	No	—	Harrison & Taylor	216.2	—
WmD3: Westmoreland silt loam 15 to 25 percent slopes, severely eroded	Westmoreland	75	Ridges,benches	No	—	Harrison & Taylor	85.9	—
WmE: Westmoreland silt loam, 25 to 35 percent slopes	Westmoreland	75-90	Hills	No	—	Harrison & Taylor	560.8	—
WmE3: Westmoreland silt loam, 25 to 35 percent slopes, severely eroded	Westmoreland	75	Hillslopes	No	—	Harrison & Taylor	332.9	—
WmF: Westmoreland silt loam, 35 to 60 percent slopes	Westmoreland	75-90	Hills	No	—	Harrison & Taylor	537.2	—

Data Source Information

Soil Survey Area: Doddridge County, West Virginia
Survey Area Data: Version 17, Sep 13, 2021
Soil Survey Area: Harrison and Taylor Counties, West Virginia
Survey Area Data: Version 15, Sep 13, 2021
Soil Survey Area: Wetzel County, West Virginia
Survey Area Data: Version 15, Sep 13, 2021

Outlet Tenmile Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Outlet Tenmile Creek (Acres)	Project Area (Acres)
AgC: Allegheny silt loam, 8 to 15 percent slopes	Allegheny	80-90	Stream terraces	No	—	Harrison & Taylor	130.7	—
AgD: Allegheny silt loam, 15 to 25 percent slopes	Allegheny	75	Terraces	No	—	Harrison & Taylor	18.0	—
Ch: Chavies fine sandy loam	Chavies	85	Terraces	No	—	Harrison & Taylor	120.8	—
ClB: Clarksburg silt loam, 3 to 8 percent slopes	Clarksburg	75-95	Hillslopes	No	—	Harrison & Taylor	11.0	—
	Melvin	0-5	Flood plains	Yes	2			
ClC: Clarksburg silt loam, 8 to 15 percent slopes	Clarksburg	75-95	Hillslopes	No	—	Harrison & Taylor	487.3	6.1
	Melvin	0-5	Flood plains	Yes	2			
ClD: Clarksburg silt loam, 15 to 25 percent slopes	Clarksburg	80-90	Hillslopes	No	—	Harrison & Taylor	556.5	0.1
	Melvin	0-5	Flood plains	Yes	2			
ClD3: Clarksburg silt loam, 15 to 25 percent slopes, severely eroded	Clarksburg	75	Hillslopes,drainageways	No	—	Harrison & Taylor	58.2	—
FaaB: Fairpoint silt loam, 0 to 8 percent slopes, reclaimed, highwall	Fairpoint-Reclaimed, highwall, unstable fill	60-100	—	No	—	Harrison & Taylor	372.2	—
FaaD: Fairpoint silt loam, 8 to 25 percent slopes, reclaimed, highwall	Fairpoint-Reclaimed, highwall, unstable fill	60-100	—	No	—	Harrison & Taylor	214.0	—
FaaF: Fairpoint silt loam, 25 to 70 percent slopes, reclaimed, highwall	Fairpoint-Reclaimed, highwall, unstable fill	60-100	—	No	—	Harrison & Taylor	37.1	—
FaC: Faywood silty clay loam, 8 to 15 percent slopes	Faywood	80	Benches,saddles	No	—	Harrison & Taylor	45.7	—
FaD: Faywood silty clay loam, 15 to 25 percent slopes	Faywood	75	Saddles,knobs	No	—	Harrison & Taylor	24.8	—
FaE: Faywood silty clay loam, 25 to 35 percent slopes	Faywood	70	Hillslopes	No	—	Harrison & Taylor	34.5	—
FhB: Fairpoint channery silt loam, 0 to 8 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Harrison & Taylor	107.7	4.2
FhD: Fairpoint channery silt loam, 8 to 25 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Harrison & Taylor	102.1	0.1
FhF: Fairpoint channery silt loam, 25 to 70 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Harrison & Taylor	333.2	—
FO: Fluvaquents, overwash	*Fluvaquents*	*70*	*Flood plains*	*Yes*	*2*	*Harrison & Taylor*	*56.8*	—
	Melvin	*5*	*Flood plains*	*Yes*	*2*			
FpB: Fairpoint channery silt loam, 0 to 8 percent slopes, unreclaimed	Fairpoint-Unreclaimed, unstable fill	60-100	—	No	—	Harrison & Taylor	7.2	—
FpD: Fairpoint channery silt loam, 8 to 25 percent slopes, unreclaimed	Fairpoint-Unreclaimed, unstable fill	60-100	—	No	—	Harrison & Taylor	51.2	—
FpF: Fairpoint channery silt loam, 25 to 70 percent slopes, unreclaimed	Fairpoint-Unreclaimed, unstable fill	60-100	—	No	—	Harrison & Taylor	368.8	—
FrB: Fairpoint silt loam, 0 to 8 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Harrison & Taylor	351.0	—
FrD: Fairpoint silt loam, 8 to 25 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Harrison & Taylor	502.7	—
FrF: Fairpoint silt loam, 25 to 70 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Harrison & Taylor	295.0	—
GlC: Gilpin silt loam, 8 to 15 percent slopes	Gilpin	75-85	Hillslopes	No	—	Harrison & Taylor	123.4	—
GlD: Gilpin silt loam, 15 to 25 percent slopes	Gilpin	70-100	Hillslopes	No	—	Harrison & Taylor	500.9	—
GlE: Gilpin silt loam, 25 to 35 percent slopes	Gilpin	75-100	Hillslopes	No	—	Harrison & Taylor	366.3	—
GlF: Gilpin silt loam, 35 to 70 percent slopes	Gilpin	65-85	Hillslopes	No	—	Harrison & Taylor	707.7	—
GsC: Gilpin silt loam, 3 to 15 percent slopes, very stony	Gilpin	75-85	Hillslopes	No	—	Harrison & Taylor	12.4	—
GsE: Gilpin-Peabody silt loams, 15 to 35 percent slopes, very stony	Gilpin	45-55	Hillslopes	No	—	Doddridge	11.5	—
	Peabody	30-40	Hillslopes	No	—			
GsE: Gilpin silt loam, 15 to 35 percent slopes, very stony	Gilpin	75-85	Hillslopes	No	—	Harrison & Taylor	57.4	—
GsF: Gilpin-Peabody silt loams, 35 to 70 percent slopes, very stony	Gilpin	45-55	Hillslopes	No	—	Doddridge	0.4	—
	Peabody	25-35	Hillslopes	No	—			
GTF: Gilpin channery silt loam, 35 to 65 percent slopes, extremely stony	Gilpin	65-80	Hillslopes	No	—	Harrison & Taylor	289.6	—
GuC: Gilpin-Upshur complex, 8 to 15 percent slopes	Gilpin	40-55	Ridges	No	—	Harrison & Taylor	113.1	8.4
	Upshur	25-45	Ridges	No	—			

GuC3: Gilpin-Upshur complex, 8 to 15 percent slopes, severely eroded	Gilpin	40-50	Ridges,hillslopes	No	—	Harrison & Taylor	34.4	2.1
	Upshur	30-45	Ridges,hillslopes	No	—			
GuD: Gilpin-Upshur complex, 15 to 25 percent slopes	Gilpin	40-60	Hillslopes	No	—	Harrison & Taylor	294.0	—
	Upshur	25-45	Hillslopes	No	—			
GuD3: Gilpin-Upshur complex, 15 to 25 percent slopes, severely eroded	Gilpin	46	Ridges,benches	No	—	Harrison & Taylor	451.9	2.4
	Upshur	44	Ridges,benches	No	—			
GuE: Gilpin-Upshur complex, 25 to 35 percent slopes	Gilpin	40-70	Hillslopes	No	—	Harrison & Taylor	378.3	6
	Upshur	20-40	Hillslopes	No	—			
GuE3: Gilpin-Upshur complex, 25 to 35 percent slopes, severely eroded	Gilpin	70	Ridges,hillslopes,benches	No	—	Harrison & Taylor	1,553.7	3.7
	Upshur	20	Ridges,benches	No	—			
GuF3: Gilpin-Upshur complex, 35 to 70 percent slopes, severely eroded	Gilpin	70	Ridges,benches	No	—	Harrison & Taylor	6,021.4	32.2
	Upshur	20	Ridges,benches	No	—			
GyB: Guernsey silt loam, 3 to 8 percent slopes	Guernsey	80-90	Ridges	No	—	Harrison & Taylor	26.4	—
GyC: Guernsey silt loam, 8 to 15 percent slopes	Guernsey	80-100	Hills	No	—	Harrison & Taylor	631.0	2.3
GyD: Guernsey silt loam, 15 to 25 percent slopes	Guernsey	75-100	Hills	No	—	Harrison & Taylor	326.8	—
GyD3: Guernsey silt loam, 15 to 25 percent slopes, severely eroded	Guernsey	75	Ridges,benches	No	—	Harrison & Taylor	87.8	—
Ha: Hackers silt loam, 0 to 3 percent slopes, rarely flooded	Hackers	80-95	Flood plains	No	—	Harrison & Taylor	40.3	—
	Melvin	0-5	Flood plains	Yes	2			
ImB: Itmann very channery loam, 0 to 8 percent slopes	Itmann-Unstable fill	100	—	No	—	Harrison & Taylor	12.3	—
ImD: Itmann very channery loam, 8 to 25 percent slopes	Itmann-Unstable fill	100	—	No	—	Harrison & Taylor	10.6	—
ImF: Itmann very channery loam, 25 to 70 percent slopes	Itmann-Unstable fill	100	—	No	—	Harrison & Taylor	16.0	—
Ln: Lindside silt loam, 0 to 3 percent slopes, occasionally flooded	Lindside-Occasionally flooded	80-95	Flood plains	No	—	Harrison & Taylor	352.3	—
	Melvin-Occasionally flooded	0-10	Flood plains	Yes	2			
Me: Melvin silt loam, 0 to 3 percent slopes, occasionally flooded	Melvin	75-100	Flood plains	Yes	2	Harrison & Taylor	6.2	—
MoB: Monongahela silt loam, 3 to 8 percent slopes	Monongahela	75-95	Terraces	No	—	Harrison & Taylor	253.7	—
	Purdy	0-25	Terraces	Yes	2,3			
MoC: Monongahela silt loam, 8 to 15 percent slopes	Monongahela	70-85	Terraces	No	—	Harrison & Taylor	191.2	—
	Purdy	0-30	Terraces	Yes	2,3			
No: Nolin silt loam, 0 to 3 percent slopes, occasionally flooded	Nolin-Occasionally flooded	80-95	Flood plains	No	—	Harrison & Taylor	8.0	—
	Melvin-Occasionally flooded	0-20	Flood plains	Yes	2			
Ph: Philo silt loam, 0 to 3 percent slopes, occasionally flooded	Philo	80-95	Flood plains	No	—	Harrison & Taylor	267.8	4.5
	Atkins	2-10	Flood plains	Yes	2,3			
Pm: Pits, mine	Pits-Mine	100	—	Unranked	—	Harrison & Taylor	10.4	—
Tg: Tygart silt loam	Tygart	80	Terraces	No	—	Harrison & Taylor	10.4	—
	Purdy	5	Lake terraces	Yes	2,3			
UF: Udifluvents and Fluvaquents	Udifluvents	41	Flood plains	No	—	Harrison & Taylor	698.6	0.4
	Fluvaquents	39	Flood plains	Yes	2			
	Melvin	5	Flood plains	Yes	2			
UhC3: Upshur silty clay, 8 to 15 percent slopes, severely eroded	Upshur	80	Ridges,benches	No	—	Harrison & Taylor	0.2	—
UL: Urban land	Urban land	90	—	No	—	Harrison & Taylor	29.6	—
VaB: Vandalia silty clay loam, 3 to 8 percent slopes	Vandalia	80	Hillslopes,drainageways,alluvial fans	No	—	Harrison & Taylor	49.4	—
VaC: Vandalia silty clay loam, 8 to 15 percent slopes	Vandalia	75-85	Hillslopes	No	—	Harrison & Taylor	92.0	—
VaD: Vandalia silty clay loam, 15 to 25 percent slopes	Vandalia	70-80	Hillslopes	No	—	Harrison & Taylor	173.8	—
VaD3: Vandalia silty clay loam, 15 to 25 percent slopes, severely eroded	Vandalia	75-85	Hillslopes	No	—	Harrison & Taylor	3.7	—
W: Water	Water	100	—	No	—	Harrison & Taylor	247.6	—
WmC: Westmoreland silt loam, 8 to 15 percent slopes	Westmoreland	75-90	Hills	No	—	Harrison & Taylor	465.3	—
WmC3: Westmoreland silt loam, 8 to 15 percent slopes severely eroded	Westmoreland	80	Ridges,benches	No	—	Harrison & Taylor	15.6	—
WmD: Westmoreland silt loam, 15 to 25 percent slopes	Westmoreland	75-90	Hills	No	—	Harrison & Taylor	914.0	0.2
WmD3: Westmoreland silt loam 15 to 25 percent slopes, severely eroded	Westmoreland	75	Ridges,benches	No	—	Harrison & Taylor	197.4	—
WmE: Westmoreland silt loam, 25 to 35 percent slopes	Westmoreland	75-90	Hills	No	—	Harrison & Taylor	2,322.0	—
WmE3: Westmoreland silt loam, 25 to 35 percent slopes, severely eroded	Westmoreland	75	Hillslopes,hillslopes	No	—	Harrison & Taylor	931.8	—
WmF: Westmoreland silt loam, 35 to 60 percent slopes	Westmoreland	75-90	Hills	No	—	Harrison & Taylor	1,923.1	0.4
ZoC: Zoar silt loam, 8 to 15 percent slopes	Zoar	75-100	Terraces	No	—	Harrison & Taylor	11.4	—

Data Source Information

Soil Survey Area: Doddridge County, West Virginia
Survey Area Data: Version 17, Sep 13, 2021
Soil Survey Area: Harrison and Taylor Counties, West Virginia
Survey Area Data: Version 15, Sep 13, 2021

Headwaters Tenmile Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Headwaters Tenmile Creek (Acres)	Project Area (Acres)
AgC: Allegheny silt loam, 8 to 15 percent slopes	Allegheny	80-90	Stream terraces	No	—	Harrison & Taylor	60.9	—
AgD: Allegheny silt loam, 15 to 25 percent slopes	Allegheny	75	Terraces	No	—	Harrison & Taylor	41.3	—
Ch: Chavies fine sandy loam	Chavies	85	Terraces	No	—	Harrison & Taylor	6.3	—
ClB: Clarksburg silt loam, 3 to 8 percent slopes	Clarksburg	75-95	Hillslopes	No	—	Harrison & Taylor	22.7	—
	Melvin	0-5	Flood plains	Yes	2			
ClC: Clarksburg silt loam, 8 to 15 percent slopes	Clarksburg	75-95	Hillslopes	No	—	Harrison & Taylor	270.7	—
	Melvin	0-5	Flood plains	Yes	2			
ClD: Clarksburg silt loam, 15 to 25 percent slopes	Clarksburg	80-90	Hillslopes	No	—	Harrison & Taylor	184.8	—
	Melvin	0-5	Flood plains	Yes	2			
ClD3: Clarksburg silt loam, 15 to 25 percent slopes, severely eroded	Clarksburg	75	Hillslopes,drainageways	No	—	Harrison & Taylor	24.2	—
FaaB: Fairpoint silt loam, 0 to 8 percent slopes, reclaimed, highwall	Fairpoint-Reclaimed, highwall, unstable fill	60-100	—	No	—	Harrison & Taylor	27.2	—
FaaD: Fairpoint silt loam, 8 to 25 percent slopes, reclaimed, highwall	Fairpoint-Reclaimed, highwall, unstable fill	60-100	—	No	—	Harrison & Taylor	2.4	—
FaaF: Fairpoint silt loam, 25 to 70 percent slopes, reclaimed, highwall	Fairpoint-Reclaimed, highwall, unstable fill	60-100	—	No	—	Harrison & Taylor	4.2	—
FaD: Faywood silty clay loam, 15 to 25 percent slopes	Faywood	75	Saddles,knobs	No	—	Harrison & Taylor	25.7	—
FaF: Faywood silty clay loam, 35 to 60 percent slopes	Faywood	70	Hillslopes	No	—	Harrison & Taylor	5.7	—
FhD: Fairpoint channery silt loam, 8 to 25 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Harrison & Taylor	2.4	—
FhF: Fairpoint channery silt loam, 25 to 70 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Harrison & Taylor	13.1	—
FpD: Fairpoint channery silt loam, 8 to 25 percent slopes, unreclaimed	Fairpoint-Unreclaimed, unstable fill	60-100	—	No	—	Harrison & Taylor	18.0	—
FpF: Fairpoint channery silt loam, 25 to 70 percent slopes, unreclaimed	Fairpoint-Unreclaimed, unstable fill	60-100	—	No	—	Harrison & Taylor	9.1	—
FrB: Fairpoint silt loam, 0 to 8 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Harrison & Taylor	11.1	—
FrD: Fairpoint silt loam, 8 to 25 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Harrison & Taylor	24.8	0
GlB: Gilpin silt loam, 3 to 8 percent slopes	Gilpin	75-100	Ridges	No	—	Harrison & Taylor	13.8	—
GlC: Gilpin silt loam, 8 to 15 percent slopes	Gilpin	75-85	Hillslopes	No	—	Harrison & Taylor	52.6	—
GlD: Gilpin silt loam, 15 to 25 percent slopes	Gilpin	70-100	Hillslopes	No	—	Harrison & Taylor	99.8	—
GlE: Gilpin silt loam, 25 to 35 percent slopes	Gilpin	75-100	Hillslopes	No	—	Harrison & Taylor	209.8	—
GlF: Gilpin silt loam, 35 to 70 percent slopes	Gilpin	65-85	Hillslopes	No	—	Harrison & Taylor	289.7	—
GsE: Gilpin-Peabody silt loams, 15 to 35 percent slopes, very stony	Gilpin	45-55	Hillslopes	No	—	Doddridge	15.4	3.4
	Peabody	30-40	Hillslopes	No	—			
GsE: Gilpin silt loam, 15 to 35 percent slopes, very stony	Gilpin	75-85	Hillslopes	No	—	Harrison & Taylor	30.6	—
GsF: Gilpin-Peabody silt loams, 35 to 70 percent slopes, very stony	Gilpin	45-55	Hillslopes	No	—	Doddridge	0.4	—
	Peabody	25-35	Hillslopes	No	—			
GTF: Gilpin channery silt loam, 35 to 65 percent slopes, extremely stony	Gilpin	65-80	Hillslopes	No	—	Harrison & Taylor	338.5	—
GuC: Gilpin-Upshur silt loams, 8 to 15 percent slopes	Gilpin	40-60	Ridges	No	—	Doddridge	0.5	—
	Upshur	25-40	Ridges	No	—			
GuC: Gilpin-Upshur complex, 8 to 15 percent slopes	Gilpin	40-55	Ridges	No	—	Harrison & Taylor	236.8	—
	Upshur	25-45	Ridges	No	—			
GuC3: Gilpin-Upshur complex, 8 to 15 percent slopes, severely eroded	Gilpin	40-50	Ridges,hillslopes	No	—	Harrison & Taylor	349.2	10.4
	Upshur	30-45	Ridges,hillslopes	No	—			
GuD: Gilpin-Upshur silt loams, 15 to 25 percent slopes	Gilpin	40-60	Hillslopes	No	—	Doddridge	2.5	0.1
	Upshur	25-40	Hillslopes	No	—			
GuD: Gilpin-Upshur complex, 15 to 25 percent slopes	Gilpin	40-60	Hillslopes	No	—	Harrison & Taylor	850.0	0.2
	Upshur	25-45	Hillslopes	No	—			

GuD3: Gilpin-Upshur complex, 15 to 25 percent slopes, severely eroded	Gilpin	46	Ridges,benches	No	—	Harrison & Taylor	1,495.5	21.9
	Upshur	44	Ridges,benches	No	—			
GuE: Gilpin-Upshur complex, 25 to 35 percent slopes	Gilpin	40-70	Hillslopes	No	—	Harrison & Taylor	359.9	4.3
	Upshur	20-40	Hillslopes	No	—			
GuE3: Gilpin-Upshur complex, 25 to 35 percent slopes, severely eroded	Gilpin	70	Ridges,hillslopes,benches	No	—	Harrison & Taylor	4,431.0	30.5
	Upshur	20	Ridges,benches	No	—			
GuF3: Gilpin-Upshur complex, 35 to 70 percent slopes, severely eroded	Gilpin	70	Ridges,benches	No	—	Harrison & Taylor	11,414.4	43.9
	Upshur	20	Ridges,benches	No	—			
Ha: Hackers silt loam, 0 to 3 percent slopes, rarely flooded	Hackers	80-95	Flood plains	No	—	Harrison & Taylor	27.7	—
	Melvin	0-5	Flood plains	Yes	2			
ImB: Itmann very channery loam, 0 to 8 percent slopes	Itmann-Unstable fill	100	—	No	—	Harrison & Taylor	4.1	—
ImD: Itmann very channery loam, 8 to 25 percent slopes	Itmann-Unstable fill	100	—	No	—	Harrison & Taylor	4.5	—
Ln: Lindside silt loam, 0 to 3 percent slopes, occasionally flooded	Lindside-Occasionally flooded	80-95	Flood plains	No	—	Harrison & Taylor	283.4	6.9
	Melvin-Occasionally flooded	0-10	Flood plains	Yes	2			
MoB: Monongahela silt loam, 3 to 8 percent slopes	Monongahela	75-95	Terraces	No	—	Harrison & Taylor	47.9	—
	Purdy	0-25	Terraces	Yes	2,3			
MoC: Monongahela silt loam, 8 to 15 percent slopes	Monongahela	70-85	Terraces	No	—	Harrison & Taylor	49.7	—
	Purdy	0-30	Terraces	Yes	2,3			
No: Nolin silt loam, 0 to 3 percent slopes, occasionally flooded	Nolin-Occasionally flooded	80-95	Flood plains	No	—	Harrison & Taylor	106.5	—
	Melvin-Occasionally flooded	0-20	Flood plains	Yes	2			
Ph: Philo silt loam, 0 to 3 percent slopes, occasionally flooded	Philo	80-95	Flood plains	No	—	Harrison & Taylor	46.1	—
	Atkins	44237	Flood plains	Yes	2,3			
Po: Pope silt loam, 0 to 3 percent slopes, occasionally flooded	Pope	80-90	Flood plains	No	—	Harrison & Taylor	72.4	—
	Atkins	44237	Flood plains	Yes	2,3			
Tg: Tygart silt loam	Tygart	80	Terraces	No	—	Harrison & Taylor	1.8	—
	Purdy	5	Lake terraces	Yes	2,3			
UF: Udifluvents and Fluvaquents	Udifluvents	41	Flood plains	No	—	Harrison & Taylor	1,092.3	5.1
	Fluvaquents	39	Flood plains	Yes	2			
	Melvin	5	Flood plains	Yes	2			
UhC3: Upshur silty clay, 8 to 15 percent slopes, severely eroded	Upshur	80	Ridges,benches	No	—	Harrison & Taylor	86.9	—
UhD3: Upshur silty clay, 15 to 25 percent slopes, severely eroded	Upshur	80	Benches,ridges	No	—	Harrison & Taylor	104.7	1.2
UL: Urban land	Urban land	90	—	No	—	Harrison & Taylor	124.6	—
VaB: Vandalia silty clay loam, 3 to 8 percent slopes	Vandalia	80	Hillslopes,drainageways,alluvial fans	No	—	Harrison & Taylor	29.9	—
VaC: Vandalia silty clay loam, 8 to 15 percent slopes	Vandalia	75-85	Hillslopes	No	—	Harrison & Taylor	199.9	4.3
VaD: Vandalia silt loam, 15 to 25 percent slopes	Vandalia	75-85	Hillslopes	No	—	Doddridge	0.0	—
VaD: Vandalia silty clay loam, 15 to 25 percent slopes	Vandalia	70-80	Hillslopes	No	—	Harrison & Taylor	184.2	1.1
VaD3: Vandalia silty clay loam, 15 to 25 percent slopes, severely eroded	Vandalia	75-85	Hillslopes	No	—	Harrison & Taylor	10.0	0.1
W: Water	Water	100	—	No	—	Harrison & Taylor	82.7	—
WmC: Westmoreland silt loam, 8 to 15 percent slopes	Westmoreland	75-90	Hills	No	—	Harrison & Taylor	67.1	—
WmD: Westmoreland silt loam, 15 to 25 percent slopes	Westmoreland	75-90	Hills	No	—	Harrison & Taylor	407.0	—
WmD3: Westmoreland silt loam 15 to 25 percent slopes, severely eroded	Westmoreland	75	Ridges,benches	No	—	Harrison & Taylor	107.6	—
WmE: Westmoreland silt loam, 25 to 35 percent slopes	Westmoreland	75-90	Hills	No	—	Harrison & Taylor	701.4	—
WmE3: Westmoreland silt loam, 25 to 35 percent slopes, severely eroded	Westmoreland	75	Hillslopes,hillslopes	No	—	Harrison & Taylor	611.0	—
WmF: Westmoreland silt loam, 35 to 60 percent slopes	Westmoreland	75-90	Hills	No	—	Harrison & Taylor	434.2	—

Data Source Information

Soil Survey Area: Doddridge County, West Virginia
Survey Area Data: Version 17, Sep 13, 2021
Soil Survey Area: Harrison and Taylor Counties, West Virginia
Survey Area Data: Version 15, Sep 13, 2021

Salem Fork

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Salem Fork (Acres)	Project Area (Acres)
AgD: Allegheny silt loam, 15 to 25 percent slopes	Allegheny	75	Terraces	No	—	Harrison & Taylor	8.2	—
At: Atkins silt loam, 0 to 3 percent slopes, frequently flooded	*Atkins*	*80-90*	*Flood plains*	*Yes*	*2,3*	*Harrison & Taylor*	*11.6*	—
Ch: Chavies fine sandy loam	Chavies	85	Terraces	No	—	Harrison & Taylor	10.8	—
GlB: Gilpin silt loam, 3 to 8 percent slopes	Gilpin	75-100	Ridges	No	—	Harrison & Taylor	3.8	—
GlC: Gilpin silt loam, 8 to 15 percent slopes	Gilpin	75-85	Hillslopes	No	—	Harrison & Taylor	8.8	—
GlD: Gilpin silt loam, 15 to 25 percent slopes	Gilpin	70-100	Hillslopes	No	—	Harrison & Taylor	2.6	—
GlE: Gilpin silt loam, 25 to 35 percent slopes	Gilpin	75-100	Hillslopes	No	—	Harrison & Taylor	9.2	—
GlF: Gilpin silt loam, 35 to 70 percent slopes	Gilpin	65-85	Hillslopes	No	—	Harrison & Taylor	43.2	—
GTF: Gilpin channery silt loam, 35 to 65 percent slopes, extremely stony	Gilpin	65-80	Hillslopes	No	—	Harrison & Taylor	9.3	—
GpE: Gilpin-Peabody silt loams, 25 to 35 percent slopes	Gilpin	40-50	Ridges,hillslopes	No	—	Doddridge	12.5	—
	Peabody	40-50	Hillslopes,ridges	No	—			
GsE: Gilpin-Peabody silt loams, 15 to 35 percent slopes, very stony	Gilpin	45-55	Hillslopes	No	—	Doddridge	19.1	—
	Peabody	30-40	Hillslopes	No	—			
GsF: Gilpin-Peabody silt loams, 35 to 70 percent slopes, very stony	Gilpin	45-55	Hillslopes	No	—	Doddridge	0.4	—
	Peabody	25-35	Hillslopes	No	—			
GuC: Gilpin-Upshur silt loams, 8 to 15 percent slopes	Gilpin	40-60	Ridges	No	—	Doddridge	7.1	—
	Upshur	25-40	Ridges	No	—			
GuC: Gilpin-Upshur complex, 8 to 15 percent slopes	Gilpin	40-55	Ridges	No	—	Harrison & Taylor	2.8	—
	Upshur	25-45	Ridges	No	—			
GuC3: Gilpin-Upshur complex, 8 to 15 percent slopes, severely eroded	Gilpin	40-50	Ridges,hillslopes	No	—	Harrison & Taylor	242.3	11.2
	Upshur	30-45	Ridges,hillslopes	No	—			
GuD: Gilpin-Upshur complex, 15 to 25 percent slopes	Gilpin	40-60	Hillslopes	No	—	Harrison & Taylor	38.9	7.8
	Upshur	25-45	Hillslopes	No	—			
GuD3: Gilpin-Upshur complex, 15 to 25 percent slopes, severely eroded	Gilpin	46	Ridges,benches	No	—	Harrison & Taylor	1,169.7	7.6
	Upshur	44	Ridges,benches	No	—			
GuE: Gilpin-Upshur complex, 25 to 35 percent slopes	Gilpin	40-70	Hillslopes	No	—	Harrison & Taylor	19.6	0.5
	Upshur	20-40	Hillslopes	No	—			
GuE3: Gilpin-Upshur complex, 25 to 35 percent slopes, severely eroded	Gilpin	70	Ridges,hillslopes,benches	No	—	Harrison & Taylor	2,389.5	6.8
	Upshur	20	Ridges,benches	No	—			
GuF3: Gilpin-Upshur complex, 35 to 70 percent slopes, severely eroded	Gilpin	70	Ridges,benches	No	—	Harrison & Taylor	4,526.80	60
	Upshur	20	Ridges,benches	No	—			
Ha: Hackers silt loam, 0 to 3 percent slopes, rarely flooded	Hackers	80-95	Flood plains	No	—	Harrison & Taylor	11.3	—
	Melvin	0-5	Flood plains	Yes	2			
Ln: Lindside silt loam, 0 to 3 percent slopes, occasionally flooded	Lindside-Occasionally flooded	80-95	Flood plains	No	—	Harrison & Taylor	164.3	0.2
	Melvin-Occasionally flooded	0-10	Flood plains	Yes	2			
MoB: Monongahela silt loam, 3 to 8 percent slopes	Monongahela	75-95	Terraces	No	—	Harrison & Taylor	2.4	—
	Purdy	0-25	Terraces	Yes	2,3			

MoC: Monongahela silt loam, 8 to 15 percent slopes	Monongahela	70-85	Terraces	No	—	Harrison & Taylor	49.4	—
	Purdy	0-30	Terraces	Yes	2,3			
No: Nolin silt loam, 0 to 3 percent slopes, occasionally flooded	Nolin-Occasionally flooded	80-95	Flood plains	No	—	Harrison & Taylor	142.7	—
	Melvin-Occasionally flooded	0-20	Flood plains	Yes	2			
Ph: Philo silt loam, 0 to 3 percent slopes, occasionally flooded	Philo	80-95	Flood plains	No	—	Harrison & Taylor	3.4	—
	Atkins	44237	Flood plains	Yes	2,3			
Po: Pope silt loam, 0 to 3 percent slopes, occasionally flooded	Pope	80-90	Flood plains	No	—	Harrison & Taylor	0.8	—
	Atkins	44237	Flood plains	Yes	2,3			
UF: Udifluvents and Fluvaquents	Udifluvents	41	Flood plains	No	—	Harrison & Taylor	311.3	0.1
	Fluvaquents	39	Flood plains	Yes	2			
	Melvin	5	Flood plains	Yes	2			
UhC3: Upshur silty clay, 8 to 15 percent slopes, severely eroded	Upshur	80	Ridges,benches	No	—	Harrison & Taylor	47.9	—
UhD3: Upshur silty clay, 15 to 25 percent slopes, severely eroded	Upshur	80	Benches,ridges	No	—	Harrison & Taylor	242.2	7.2
UL: Urban land	Urban land	90	—	No	—	Harrison & Taylor	559.3	10.4
VaB: Vandalia silty clay loam, 3 to 8 percent slopes	Vandalia	80	Hillslopes,drainageways, alluvial fans	No	—	Harrison & Taylor	4.7	—
VaC: Vandalia silty clay loam, 8 to 15 percent slopes	Vandalia	75-85	Hillslopes	No	—	Harrison & Taylor	168.8	—
VaD: Vandalia silt loam, 15 to 25 percent slopes	Vandalia	75-85	Hillslopes	No	—	Doddridge	1.1	—
VaD: Vandalia silty clay loam, 15 to 25 percent slopes	Vandalia	70-80	Hillslopes	No	—	Harrison & Taylor	203.9	—
VaD3: Vandalia silty clay loam, 15 to 25 percent slopes, severely eroded	Vandalia	75-85	Hillslopes	No	—	Harrison & Taylor	21.9	—
W: Water	Water	100	—	No	—	Harrison & Taylor	48.9	—

Data Source Information

Soil Survey Area: Doddridge County, West Virginia
Survey Area Data: Version 17, Sep 13, 2021
Soil Survey Area: Harrison and Taylor Counties, West Virginia
Survey Area Data: Version 15, Sep 13, 2021

Kincheloe Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Kincheloe Creek (Acres)	Project Area (Acres)
Ch: Chavies fine sandy loam	Chavies	85	Terraces	No	—	Harrison & Taylor	8.2	—
ClC: Clarksburg silt loam, 8 to 15 percent slopes	Clarksburg	75-95	Hillslopes	No	—	Harrison & Taylor	90.9	—
	Melvin	0-5	Flood plains	Yes	2			
Cn: Chagrin silt loam, 0 to 3 percent slopes, occasionally flooded	Chagrin	80-100	Flood plains	No	—	Lewis	4.5	—
	Holly	0-15	Flood plains	Yes	2,4			
CoB: Cookport silt loam, 3 to 8 percent slopes	Cookport	75-85	Ridges	No	—	Harrison & Taylor	6.5	—
	Nolo	0-10	Depressions	Yes	2			
FaB: Fairpoint silt loam, 0 to 8 percent slopes, reclaimed, highwall	Fairpoint-Reclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	49.0	—
FaD: Fairpoint silt loam, 8 to 25 percent slopes, reclaimed, highwall	Fairpoint-Reclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	32.5	—
FaaB: Fairpoint silt loam, 0 to 8 percent slopes, reclaimed, highwall	Fairpoint-Reclaimed, highwall, unstable fill	60-100	—	No	—	Harrison & Taylor	47.3	—
FaaD: Fairpoint silt loam, 8 to 25 percent slopes, reclaimed, highwall	Fairpoint-Reclaimed, highwall, unstable fill	60-100	—	No	—	Harrison & Taylor	4.1	—
FaaF: Fairpoint silt loam, 25 to 70 percent slopes, reclaimed, highwall	Fairpoint-Reclaimed, highwall, unstable fill	60-100	—	No	—	Harrison & Taylor	4.4	—
FhB: Fairpoint channery silt loam, 0 to 8 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Harrison & Taylor	10.5	—
FhB: Fairpoint channery silt loam, 0 to 8 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	1.9	—
FhD: Fairpoint channery silt loam, 8 to 25 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Harrison & Taylor	2.7	—
FhF: Fairpoint channery silt loam, 25 to 70 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Harrison & Taylor	43.3	—
FhF: Fairpoint channery silt loam, 25 to 70 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	101.5	—
FpD: Fairpoint channery silt loam, 8 to 25 percent slopes, unreclaimed	Fairpoint-Unreclaimed, unstable fill	60-100	—	No	—	Harrison & Taylor	6.5	—
FpD: Fairpoint channery silt loam, 8 to 25 percent slopes, unreclaimed	Fairpoint-Unreclaimed, unstable fill	60-100	—	No	—	Lewis	17.0	—
FpF: Fairpoint channery silt loam, 25 to 70 percent slopes, unreclaimed	Fairpoint-Unreclaimed, unstable fill	60-100	—	No	—	Harrison & Taylor	84.2	—
FpF: Fairpoint channery silt loam, 25 to 70 percent slopes, unreclaimed	Fairpoint-Unreclaimed, unstable fill	60-100	—	No	—	Lewis	90.4	—
FrB: Fairpoint silt loam, 0 to 8 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Harrison & Taylor	71.9	—
FrB: Fairpoint silt loam, 0 to 8 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Lewis	38.0	—
FrD: Fairpoint silt loam, 8 to 25 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Harrison & Taylor	32.5	—
FrD: Fairpoint silt loam, 8 to 25 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Lewis	118.3	—
FrF: Fairpoint silt loam, 25 to 70 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Harrison & Taylor	11.9	—
FrF: Fairpoint silt loam, 25 to 70 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Lewis	92.4	—
GaC: Gilpin silt loam, moist, 8 to 15 percent slopes	Gilpin-Moist	70-85	Hillslopes	No	—	Lewis	3.0	—
GsE: Gilpin-Peabody silt loams, 15 to 35 percent slopes, very stony	Gilpin	45-55	Hillslopes	No	—	Doddridge	8.4	0.1
	Peabody	30-40	Hillslopes	No	—			
GsF: Gilpin-Peabody silt loams, 35 to 70 percent slopes, very stony	Gilpin	45-55	Hillslopes	No	—	Doddridge	0.9	—
	Peabody	25-35	Hillslopes	No	—			
GuC: Gilpin-Upshur silt loams, 8 to 15 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	58.8	—
	Upshur	35	Hillslopes	No	—			
GuC3: Gilpin-Upshur complex, 8 to 15 percent slopes, severely eroded	Gilpin	40-50	Ridges,hillslopes	No	—	Harrison & Taylor	424.3	0
	Upshur	30-45	Ridges,hillslopes	No	—			

GuD: Gilpin-Upshur silt loams, 15 to 25 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	294.7	—
	Upshur	30	Hillslopes	No	—			
GuD3: Gilpin-Upshur complex, 15 to 25 percent slopes, severely eroded	Gilpin	46	Ridges,benches	No	—	Harrison & Taylor	631.1	—
	Upshur	44	Ridges,benches	No	—			
GuE: Gilpin-Upshur complex, 25 to 35 percent slopes	Gilpin	40-70	Hillslopes	No	—	Harrison & Taylor	59.2	4.5
	Upshur	20-40	Hillslopes	No	—			
GuE: Gilpin-Upshur silt loams, 25 to 35 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	530.0	—
	Upshur	30	Hillslopes	No	—			
GuE3: Gilpin-Upshur complex, 25 to 35 percent slopes, severely eroded	Gilpin	70	Ridges,hillslopes,benches	No	—	Harrison & Taylor	2,694.5	3.8
	Upshur	20	Ridges,benches	No	—			
GuF3: Gilpin-Upshur complex, 35 to 70 percent slopes, severely eroded	Gilpin	70	Ridges,benches	No	—	Harrison & Taylor	2,410.0	7.6
	Upshur	20	Ridges,benches	No	—			
GwF3: Gilpin-Upshur silt loams, 35 to 70 percent slopes, severely eroded	Gilpin	45-55	Hillslopes	No	—	Lewis	3,364.2	23.9
	Upshur	30-40	Hillslopes	No	—			
GyC: Guernsey silt loam, 8 to 15 percent slopes	Guernsey	80-100	Hills	No	—	Harrison & Taylor	40.4	—
GyD3: Guernsey silt loam, 15 to 25 percent slopes, severely eroded	Guernsey	75	Ridges,benches	No	—	Harrison & Taylor	3.1	—
Ha: Hackers silt loam, 0 to 3 percent slopes, rarely flooded	Hackers	80-95	Flood plains	No	—	Harrison & Taylor	46.6	—
	Melvin	0-5	Flood plains	Yes	2			
Ha: Hackers silt loam, 0 to 3 percent slopes, rarely flooded	Hackers	80-95	Flood plains	No	—	Lewis	32.3	—
	Melvin	0-5	Flood plains	Yes	2			
Lh: Lobdell-Holly silt loams	Lobdell	50	Flood plains	No	—	Lewis	108.5	0.3
	Holly	30	Flood plains	Yes	2			
Ln: Lindside silt loam, 0 to 3 percent slopes, occasionally flooded	Lindside-Occasionally flooded	80-95	Flood plains	No	—	Harrison & Taylor	157.9	—
	Melvin-Occasionally flooded	0-10	Flood plains	Yes	2			
MoB: Monongahela silt loam, 3 to 8 percent slopes	Monongahela	75-95	Terraces	No	—	Harrison & Taylor	30.3	—
	Purdy	0-25	Terraces	Yes	2,3			
MoB: Monongahela silt loam, 3 to 8 percent slopes	Monongahela	75-95	Terraces	No	—	Lewis	13.5	—
	Purdy	0-25	Terraces	Yes	2,3			
MoC: Monongahela silt loam, 8 to 15 percent slopes	Monongahela	70-85	Terraces	No	—	Harrison & Taylor	6.5	—
	Purdy	0-30	Terraces	Yes	2,3			
No: Nolin silt loam, 0 to 3 percent slopes, occasionally flooded	Nolin-Occasionally flooded	80-95	Flood plains	No	—	Harrison & Taylor	1.2	—
	Melvin-Occasionally flooded	0-20	Flood plains	Yes	2			
Sn: Senecaville silt loam, 0 to 3 percent slopes, occasionally flooded	Senecaville	75-100	Flood plains	No	—	Lewis	29.9	—
	Melvin	0-15	Flood plains	Yes	2			
Su: Sensabaugh silt loam, 0 to 3 percent slopes, occasionally flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Lewis	179.5	—
	Melvin	0-10	Flood plains	Yes	2			
Tg: Tygart silt loam	Tygart	80	Terraces	No	—	Harrison & Taylor	3.6	—
	Purdy	5	Lake terraces	Yes	2,3			
UF: Udifluvents and Fluvaquents	Udifluvents	41	Flood plains	No	—	Harrison & Taylor	273.9	0.6
	Fluvaquents	39	Flood plains	Yes	2			
	Melvin	5	Flood plains	Yes	2			
UhD3: Upshur silty clay, 15 to 25 percent slopes, severely eroded	Upshur	80	Benches,ridges	No	—	Harrison & Taylor	94.9	—
VaB: Vandalia silty clay loam, 3 to 8 percent slopes	Vandalia	80	Hillslopes,drainageways, alluvial fans	No	—	Harrison & Taylor	16.1	—
VaC: Vandalia silty clay loam, 8 to 15 percent slopes	Vandalia	75-85	Hillslopes	No	—	Harrison & Taylor	90.8	—
VaC: Vandalia silt loam, 8 to 15 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	14.9	—
VaD: Vandalia silty clay loam, 15 to 25 percent slopes	Vandalia	70-80	Hillslopes	No	—	Harrison & Taylor	59.7	—
VaD: Vandalia silt loam, 15 to 25 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	171.6	—
VaD3: Vandalia silty clay loam, 15 to 25 percent slopes, severely eroded	Vandalia	75-85	Hillslopes	No	—	Harrison & Taylor	49.0	—
VaE: Vandalia silt loam, 25 to 35 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	142.4	—
W: Water	Water	100	—	No	—	Harrison & Taylor	2.0	—
W: Water	Water	100	—	No	—	Lewis	4.7	—
WmC: Westmoreland silt loam, 8 to 15 percent slopes	Westmoreland	75-90	Hills	No	—	Harrison & Taylor	3.9	—
WmC3: Westmoreland silt loam, 8 to 15 percent slopes severely eroded	Westmoreland	80	Ridges,benches	No	—	Harrison & Taylor	0.9	—
WmD: Westmoreland silt loam, 15 to 25 percent slopes	Westmoreland	75-90	Hills	No	—	Harrison & Taylor	23.9	—

WmD3: Westmoreland silt loam 15 to 25 percent slopes, severely eroded	Westmoreland	75	Ridges,benches	No	—	Harrison & Taylor	29.4	—
WmE: Westmoreland silt loam, 25 to 35 percent slopes	Westmoreland	75-90	Hills	No	—	Harrison & Taylor	109.5	—
WmE3: Westmoreland silt loam, 25 to 35 percent slopes, severely eroded	Westmoreland	75	Hillslopes,hillslopes	No	—	Harrison & Taylor	21.0	—
WmF: Westmoreland silt loam, 35 to 60 percent slopes	Westmoreland	75-90	Hills	No	—	Harrison & Taylor	203.4	—
WuE3: Westmoreland-Upshur complex, 25 to 35 percent slopes, severely eroded	Westmoreland	50	Hillslopes	No	—	Lewis	217.6	—
	Upshur	35	Hillslopes	No	—			

Data Source Information

Soil Survey Area: Doddridge County, West Virginia
Survey Area Data: Version 17, Sep 13, 2021
Soil Survey Area: Harrison and Taylor Counties, West Virginia
Survey Area Data: Version 15, Sep 13, 2021
Soil Survey Area: Lewis County, West Virginia
Survey Area Data: Version 14, Sep 13, 2021

Freemans Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Freemans Creek (Acres)	Project Area (Acres)
Cn: Chagrin silt loam, 0 to 3 percent slopes, occasionally flooded	Chagrin	80-100	Flood plains	No	—	Lewis	360.9	—
	Holly	0-15	Flood plains	Yes	2,4			
FaB: Fairpoint silt loam, 0 to 8 percent slopes, reclaimed, highwall	Fairpoint-Reclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	76.0	0.4
FaD: Fairpoint silt loam, 8 to 25 percent slopes, reclaimed, highwall	Fairpoint-Reclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	137.6	—
FaF: Fairpoint silt loam, 25 to 70 percent slopes, reclaimed, highwall	Fairpoint-Reclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	22.0	—
FhB: Fairpoint channery silt loam, 0 to 8 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	24.2	—
FhD: Fairpoint channery silt loam, 8 to 25 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	52.7	—
FhF: Fairpoint channery silt loam, 25 to 70 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	529.7	1.4
FpB: Fairpoint channery silt loam, 0 to 8 percent slopes, unreclaimed	Fairpoint-Unreclaimed, unstable fill	60-100	—	No	—	Lewis	6.3	—
FpD: Fairpoint channery silt loam, 8 to 25 percent slopes, unreclaimed	Fairpoint-Unreclaimed, unstable fill	60-100	—	No	—	Lewis	42.9	—
FpF: Fairpoint channery silt loam, 25 to 70 percent slopes, unreclaimed	Fairpoint-Unreclaimed, unstable fill	60-100	—	No	—	Lewis	504.0	—
FrB: Fairpoint silt loam, 0 to 8 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Lewis	203.3	—
FrD: Fairpoint silt loam, 8 to 25 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Lewis	459.4	10.8
FrF: Fairpoint silt loam, 25 to 70 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Lewis	161.8	0.4
GaC: Gilpin silt loam, moist, 8 to 15 percent slopes	Gilpin-Moist	70-85	Hillslopes	No	—	Lewis	87.6	—
GaD: Gilpin silt loam, moist, 15 to 25 percent slopes	Gilpin-Moist	75-85	Hillslopes	No	—	Lewis	66.8	—
GaF: Gilpin silt loam, moist, 35 to 65 percent slopes	Gilpin-Moist	70-85	Hillslopes	No	—	Lewis	3.6	—
GsF: Gilpin-Peabody silt loams, 35 to 70 percent slopes, very stony	Gilpin	45-55	Hillslopes	No	—	Doddridge	0.0	—
	Peabody	25-35	Hillslopes	No	—			
GuC: Gilpin-Upshur silt loams, 8 to 15 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	170.4	2.9
	Upshur	35	Hillslopes	No	—			
GuD: Gilpin-Upshur silt loams, 15 to 25 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	1,424.3	4.1
	Upshur	30	Hillslopes	No	—			
GuE: Gilpin-Upshur silt loams, 25 to 35 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	3,222.5	14.2
	Upshur	30	Hillslopes	No	—			
GwF3: Gilpin-Upshur silt loams, 35 to 70 percent slopes, severely eroded	Gilpin	45-55	Hillslopes	No	—	Lewis	9,122.9	63.5
	Upshur	30-40	Hillslopes	No	—			
Ha: Hackers silt loam, 0 to 3 percent slopes, rarely flooded	Hackers	80-95	Flood plains	No	—	Lewis	6.9	—
	Melvin	0-5	Flood plains	Yes	2			
Lh: Lobdell-Holly silt loams	Lobdell	50	Flood plains	No	—	Lewis	273.8	2.9
	Holly	30	Flood plains	Yes	2			
MoB: Monongahela silt loam, 3 to 8 percent slopes	Monongahela	75-95	Terraces	No	—	Lewis	206.4	—
	Purdy	0-25	Terraces	Yes	2,3			
Ms: Moshannon silt loam, 0 to 3 percent slopes, occasionally flooded	Moshannon	80-95	Flood plains	No	—	Lewis	138.8	—
	Melvin	0-20	Flood plains	Yes	2			
Sn: Senecaville silt loam, 0 to 3 percent slopes, occasionally flooded	Senecaville	75-100	Flood plains	No	—	Lewis	230.4	—
	Melvin	0-15	Flood plains	Yes	2			

Su: Sensabaugh silt loam, 0 to 3 percent slopes, occasionally flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Lewis	39.1	—
	Melvin	0-10	Flood plains	Yes	2			
Uf: Udorthents, smoothed	Udorthents	85	Hillslopes	No	—	Lewis	59.3	—
Ur: Udorthents-Urban land complex	Udorthents	60	Hillslopes	No	—	Lewis	1.2	—
	Urban land	30	—	No	—			
VaC: Vandalia silt loam, 8 to 15 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	521.3	1.7
VaD: Vandalia silt loam, 15 to 25 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	943.8	1.7
VaE: Vandalia silt loam, 25 to 35 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	536.5	2.4
W: Water	Water	100	—	No	—	Lewis	19.3	—
WuE3: Westmoreland-Upshur complex, 25 to 35 percent slopes, severely eroded	Westmoreland	50	Hillslopes	No	—	Lewis	56.1	—
	Upshur	35	Hillslopes	No	—			

Data Source Information

Soil Survey Area: Doddridge County, West Virginia
Survey Area Data: Version 17, Sep 13, 2021
Soil Survey Area: Lewis County, West Virginia
Survey Area Data: Version 14, Sep 13, 2021

Polk

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Freemans Creek (Acres)	Project Area (Acres)
BdD: Bethesda channery loam, 25 to 70 percent slopes, unreclaimed	Bethesda-Unreclaimed, unstable fill	70-100	—	No	—	Lewis	8.2	—
BhD: Bethesda channery loam, 8 to 25 percent slopes, unreclaimed, highwall	Bethesda-Unreclaimed, highwall, unstable fill	70-100	—	No	—	Lewis	113.3	—
BhF: Bethesda channery loam, 25 to 70 percent slopes, unreclaimed, highwall	Bethesda-Unreclaimed, highwall, unstable fill	70-100	—	No	—	Lewis	20.2	—
BsD: Bethesda loam, 8 to 25 percent slopes, reclaimed	Bethesda-Reclaimed, unstable fill	65-100	—	No	—	Lewis	12.8	—
Cn: Chagrin silt loam, 0 to 3 percent slopes, occasionally flooded	Chagrin	80-100	Flood plains	No	—	Lewis	199.7	—
	Holly	0-15	Flood plains	Yes	2,4			
DAM	Dam	100	—	No	—	Lewis	11.2	—
FaB: Fairpoint silt loam, 0 to 8 percent slopes, reclaimed, highwall	Fairpoint-Reclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	0.1	—
FaD: Fairpoint silt loam, 8 to 25 percent slopes, reclaimed, highwall	Fairpoint-Reclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	34.2	—
FaF: Fairpoint silt loam, 25 to 70 percent slopes, reclaimed, highwall	Fairpoint-Reclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	17.8	—
FhB: Fairpoint channery silt loam, 0 to 8 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	5.1	—
FhD: Fairpoint channery silt loam, 8 to 25 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	62.5	—
FhF: Fairpoint channery silt loam, 25 to 70 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	297.5	—
FpD: Fairpoint channery silt loam, 8 to 25 percent slopes, unreclaimed	Fairpoint-Unreclaimed, unstable fill	60-100	—	No	—	Lewis	37.3	
FpF: Fairpoint channery silt loam, 25 to 70 percent slopes, unreclaimed	Fairpoint-Unreclaimed, unstable fill	60-100	—	No	—	Lewis	167.4	—
FrB: Fairpoint silt loam, 0 to 8 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Lewis	130.1	—
FrD: Fairpoint silt loam, 8 to 25 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Lewis	152.0	—
FrF: Fairpoint silt loam, 25 to 70 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Lewis	22.1	—
GaC: Gilpin silt loam, moist, 8 to 15 percent slopes	Gilpin-Moist	70-85	Hillslopes	No	—	Lewis	90.5	—
GaD: Gilpin silt loam, moist, 15 to 25 percent slopes	Gilpin-Moist	75-85	Hillslopes	No	—	Lewis	53.3	—
GaE: Gilpin silt loam, moist, 25 to 35 percent slopes	Gilpin-Moist	75-85	Hillslopes	No	—	Lewis	6.2	—
GDF: Gilpin-Dekalb association, very steep, very stony	Gilpin	60	Hillslopes	No	—	Lewis	163.3	—
	Dekalb	25	Hillslopes	No	—			
GuC: Gilpin-Upshur silt loams, 8 to 15 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	176.7	—
	Upshur	35	Hillslopes	No	—			
GuD: Gilpin-Upshur silt loams, 15 to 25 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	1,764.2	2.3
	Upshur	30	Hillslopes	No	—			
GuE: Gilpin-Upshur silt loams, 25 to 35 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	4,092.2	3.8
	Upshur	30	Hillslopes	No	—			
GwF3: Gilpin-Upshur silt loams, 35 to 70 percent slopes, severely eroded	Gilpin	45-55	Hillslopes	No	—	Lewis	9,714.7	10.3
	Upshur	30-40	Hillslopes	No	—			
Ha: Hackers silt loam, 0 to 3 percent slopes, rarely flooded	Hackers	80-95	Flood plains	No	—	Lewis	5.7	—
	Melvin	0-5	Flood plains	Yes	2			
Lh: Lobdell-Holly silt loams	Lobdell	50	Flood plains	No	—	Lewis	87.7	—
	Holly	30	Flood plains	Yes	2			

MoB: Monongahela silt loam, 3 to 8 percent slopes	Monongahela	75-95	Terraces	No	—	Lewis	100.9	—
	Purdy	0-25	Terraces	Yes	2,3			
Ms: Moshannon silt loam, 0 to 3 percent slopes, occasionally flooded	Moshannon	80-95	Flood plains	No	—	Lewis	124.5	—
	Melvin	0-20	Flood plains	Yes	2			
Sn: Senecaville silt loam, 0 to 3 percent slopes, occasionally flooded	Senecaville	75-100	Flood plains	No	—	Lewis	189.6	—
	Melvin	0-15	Flood plains	Yes	2			
Su: Sensabaugh silt loam, 0 to 3 percent slopes, occasionally flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Lewis	221.1	—
	Melvin	0-10	Flood plains	Yes	2			
Uf: Udorthents, smoothed	Udorthents	85	Hillslopes	No	—	Lewis	872.7	—
Ur: Udorthents-Urban land complex	Udorthents	60	Hillslopes	No	—	Lewis	502.3	—
	Urban land	30	—	No	—			
VaC: Vandalia silt loam, 8 to 15 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	337.3	—
VaD: Vandalia silt loam, 15 to 25 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	1142.8	—
VaE: Vandalia silt loam, 25 to 35 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	192.6	—
W: Water	Water	100	—	No	—	Lewis	127.3	—

Data Source Information

Soil Survey Area: Lewis County, West Virginia

Survey Area Data: Version 14, Sep 13, 2021

Fink Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Fink Creek (Acres)	Project Area (Acres)
Cg: Chagrin loam, 0 to 3 percent slopes, occasionally flooded	Chagrin	80-100	Flood plains	No	—	Gilmer	79.7	—
	Melvin	0-15	Flood plains	Yes	2			
Ch: Chagrin silt loam, 0 to 3 percent slopes, occasionally flooded	Chagrin	80-100	Flood plains	No	—	Doddridge	80.1	—
	Holly	0-15	Flood plains	Yes	2,4			
Cn: Chagrin silt loam, 0 to 3 percent slopes, occasionally flooded	Chagrin	80-100	Flood plains	No	—	Lewis	397.4	0
	Holly	0-15	Flood plains	Yes	2,4			
FaF: Fairpoint silt loam, 25 to 70 percent slopes, reclaimed, highwall	Fairpoint-Reclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	46.1	0
FhD: Fairpoint channery silt loam, 8 to 25 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	2.1	—
FhF: Fairpoint channery silt loam, 25 to 70 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	187.9	—
FpF: Fairpoint channery silt loam, 25 to 70 percent slopes, unreclaimed	Fairpoint-Unreclaimed, unstable fill	60-100	—	No	—	Lewis	3.3	—
FrB: Fairpoint silt loam, 0 to 8 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Lewis	26.4	0.1
FrD: Fairpoint silt loam, 8 to 25 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Lewis	128.4	0.1
FrF: Fairpoint silt loam, 25 to 70 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Lewis	22.4	—
GaC: Gilpin silt loam, moist, 8 to 15 percent slopes	Gilpin-Moist	70-85	Hillslopes	No	—	Lewis	26.2	—
GaD: Gilpin silt loam, moist, 15 to 25 percent slopes	Gilpin-Moist	75-85	Hillslopes	No	—	Lewis	30.0	—
GaF: Gilpin silt loam, moist, 35 to 65 percent slopes	Gilpin-Moist	70-85	Hillslopes	No	—	Lewis	1.4	—
GpE: Gilpin-Peabody silt loams, 25 to 35 percent slopes	Gilpin	40-50	Ridges,hillslopes	No	—	Doddridge	110.4	—
	Peabody	40-50	Hillslopes,ridges	No	—			
GpF3: Gilpin-Peabody complex, 35 to 70 percent slopes, severely eroded, very stony	Gilpin	60	Hillsides	No	—	Gilmer	1,262.0	—
	Peabody	25	Hillsides	No	—			
GsE: Gilpin-Peabody silt loams, 15 to 35 percent slopes, very stony	Gilpin	45-55	Hillslopes	No	—	Doddridge	1,235.4	—
	Peabody	30-40	Hillslopes	No	—			
GsF: Gilpin-Peabody silt loams, 35 to 70 percent slopes, very stony	Gilpin	45-55	Hillslopes	No	—	Doddridge	3,843.6	—
	Peabody	25-35	Hillslopes	No	—			
GuC: Gilpin-Upshur silt loams, 8 to 15 percent slopes	Gilpin	40-60	Ridges	No	—	Doddridge	59.9	—
	Upshur	25-40	Ridges	No	—			
GuC: Gilpin-Upshur silt loams, 8 to 15 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	65.8	0.8
	Upshur	35	Hillslopes	No	—			
GuD: Gilpin-Upshur silt loams, 15 to 25 percent slopes	Gilpin	40-60	Hillslopes	No	—	Doddridge	167.9	—
	Upshur	25-40	Hillslopes	No	—			
GuD: Gilpin-Upshur silt loams, 15 to 25 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	784.9	5.4
	Upshur	30	Hillslopes	No	—			
GuD3: Gilpin-Upshur silt loams, 15 to 25 percent slopes, severely eroded	Gilpin	40-55	Hillslopes,ridges	No	—	Gilmer	92.5	—
	Upshur	30-45	Hillslopes,ridges	No	—			
GuE: Gilpin-Upshur silt loams, 25 to 35 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	3,869.0	12
	Upshur	30	Hillslopes	No	—			
GuE3: Gilpin-Upshur silt loams, 25 to 35 percent slopes, severely eroded	Gilpin	45-70	Hillslopes	No	—	Gilmer	418.5	—
	Upshur	15-40	Hillslopes	No	—			
GwF3: Gilpin-Upshur silt loams, 35 to 70 percent slopes, severely eroded	Gilpin	45-55	Hillslopes	No	—	Lewis	11,375.3	19.7
	Upshur	30-40	Hillslopes	No	—			
Ha: Hackers silt loam, 0 to 3 percent slopes, rarely flooded	Hackers	80-95	Flood plains	No	—	Lewis	12.6	—
	Melvin	0-5	Flood plains	Yes	2			
JnE: Janelew channery silt loam, steep	Janelew-Unstable fill	75	Hillslopes	No	—	Gilmer	97.2	—
	Typic Epiaquents-Unstable fill	2	Depressions,ridges	Yes	2,3			
Ka: Kanawha loam, 0 to 3 percent slopes, rarely flooded	Kanawha	75-100	Flood plains,stream terraces	No	—	Gilmer	70.0	—
	Holly	0-5	Flood plains	Yes	2			

Lh: Lobdell-Holly silt loams	Lobdell	50	Flood plains	No	—	Lewis	60.6	1.3
	Holly	30	Flood plains	Yes	2			
Sb: Sensabaugh loam, 0 to 3 percent slopes, occasionally flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Gilmer	70.3	—
	Melvin	0-10	Flood plains	Yes	2			
Se: Sensabaugh silt loam, 0 to 3 percent slopes, occasionally flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Doddridge	231.8	—
	Melvin	0-10	Flood plains	Yes	2			
SeB: Sensabaugh silt loam, 3 to 8 percent slopes, rarely flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Doddridge	205.3	
Su: Sensabaugh silt loam, 0 to 3 percent slopes, occasionally flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Lewis	653.6	—
	Melvin	0-10	Flood plains	Yes	2			
Uf: Udorthents, smoothed	Udorthents	85	Hillslopes	No	—	Lewis	5.8	—
VaC: Vandalia silt loam, 8 to 15 percent slopes	Vandalia	75-85	Hillslopes	No	—	Doddridge	5.3	—
VaC: Vandalia silt loam, 8 to 15 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	83.5	—
VaD: Vandalia silt loam, 15 to 25 percent slopes	Vandalia	75-85	Hillslopes	No	—	Doddridge	32.3	—
VaD: Vandalia silt loam, 15 to 25 percent slopes	Vandalia	75-85	Hillslopes	No	—	Gilmer	18.3	—
VaD: Vandalia silt loam, 15 to 25 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	664.4	1.1
VaE: Vandalia silt loam, 25 to 35 percent slopes	Vandalia	75-85	Hillslopes	No	—	Doddridge	3.2	—
VaE: Vandalia silt loam, 25 to 35 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	615.0	—
VsE: Vandalia silt loam, 15 to 35 percent slopes, very stony	Vandalia	75-85	Hillslopes	No	—	Gilmer	74.9	—
W: Water	Water	100	—	No	—	Lewis	2.4	—

Data Source Information

Soil Survey Area: Doddridge County, West Virginia
Survey Area Data: Version 17, Sep 13, 2021
Soil Survey Area: Gilmer County, West Virginia
Survey Area Data: Version 13, Sep 13, 2021
Soil Survey Area: Lewis County, West Virginia
Survey Area Data: Version 14, Sep 13, 2021

Headwaters Leading Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Headwaters Leading Creek (Acres)	Project Area (Acres)
Cg: Chagrin loam, 0 to 3 percent slopes, occasionally flooded	Chagrin	80-100	Flood plains	No	—	Gilmer	98.3	—
	Melvin	0-15	Flood plains	Yes	2			
Cn: Chagrin silt loam, 0 to 3 percent slopes, occasionally flooded	Chagrin	80-100	Flood plains	No	—	Lewis	377.7	—
	Holly	0-15	Flood plains	Yes	2,4			
FaB: Fairpoint silt loam, 0 to 8 percent slopes, reclaimed, highwall	Fairpoint-Reclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	4.2	—
FaD: Fairpoint silt loam, 8 to 25 percent slopes, reclaimed, highwall	Fairpoint-Reclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	23.6	—
FaF: Fairpoint silt loam, 25 to 70 percent slopes, reclaimed, highwall	Fairpoint-Reclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	107.0	—
FhB: Fairpoint channery silt loam, 0 to 8 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	21.8	—
FhD: Fairpoint channery silt loam, 8 to 25 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	59.2	—
FhF: Fairpoint channery silt loam, 25 to 70 percent slopes, unreclaimed, highwall	Fairpoint-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	474.7	1.5
FpD: Fairpoint channery silt loam, 8 to 25 percent slopes, unreclaimed	Fairpoint-Unreclaimed, unstable fill	60-100	—	No	—	Lewis	42.3	—
FpF: Fairpoint channery silt loam, 25 to 70 percent slopes, unreclaimed	Fairpoint-Unreclaimed, unstable fill	60-100	—	No	—	Lewis	301.7	—
FrB: Fairpoint silt loam, 0 to 8 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Lewis	57.1	—
FrD: Fairpoint silt loam, 8 to 25 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Lewis	292.2	—
FrF: Fairpoint silt loam, 25 to 70 percent slopes, reclaimed	Fairpoint-Reclaimed, unstable fill	60-100	—	No	—	Lewis	211.1	—
GaE: Gilpin silt loam, moist, 25 to 35 percent slopes	Gilpin-Moist	75-85	Hillslopes	No	—	Lewis	2.7	—
GpF3: Gilpin-Peabody complex, 35 to 70 percent slopes, severely eroded, very stony	Gilpin	60	Hillsides	No	—	Gilmer	1,031.9	—
	Peabody	25	Hillsides	No	—			
GuC: Gilpin-Upshur silt loams, 8 to 15 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	51.7	2.6
	Upshur	35	Hillslopes	No	—			
GuC3: Gilpin-Upshur complex, 8 to 15 percent slopes, severely eroded	Gilpin	50	Hillsides	No	—	Gilmer	3.3	—
	Upshur	25	Hillslopes	No	—			
GuD: Gilpin-Upshur silt loams, 15 to 25 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	582.5	—
	Upshur	30	Hillslopes	No	—			
GuD3: Gilpin-Upshur silt loams, 15 to 25 percent slopes, severely eroded	Gilpin	40-55	Hillslopes,ridges	No	—	Gilmer	64.8	—
	Upshur	30-45	Hillslopes,ridges	No	—			
GuE: Gilpin-Upshur silt loams, 25 to 35 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	2,957.1	—
	Upshur	30	Hillslopes	No	—			
GuE3: Gilpin-Upshur silt loams, 25 to 35 percent slopes, severely eroded	Gilpin	45-70	Hillslopes	No	—	Gilmer	309.5	2
	Upshur	15-40	Hillslopes	No	—			
GwF3: Gilpin-Upshur silt loams, 35 to 70 percent slopes, severely eroded	Gilpin	45-55	Hillslopes	No	—	Lewis	10,141.9	23.8
	Upshur	30-40	Hillslopes	No	—			
JnE: Janelew channery silt loam, steep	Janelew-Unstable fill	75	Hillslopes	No	—	Gilmer	80.9	—
	Typic Epiaquents-Unstable fill	2	Depressions,ridges	Yes	2,3			
Ka: Kanawha loam, 0 to 3 percent slopes, rarely flooded	Kanawha	75-100	Flood plains,stream terraces	No	—	Gilmer	35.3	—
	Holly	0-5	Flood plains	Yes	2			
Lh: Lobdell-Holly silt loams	Lobdell	50	Flood plains	No	—	Lewis	98.0	—
	Holly	30	Flood plains	Yes	2			
MoB: Monongahela silt loam, 3 to 8 percent slopes	Monongahela	75-95	Terraces	No	—	Gilmer	10.5	—
	Purdy	0-25	Terraces	Yes	2,3			
Sb: Sensabaugh loam, 0 to 3 percent slopes, occasionally flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Gilmer	102.3	—
	Melvin	0-10	Flood plains	Yes	2			

Su: Sensabaugh silt loam, 0 to 3 percent slopes, occasionally flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Lewis	430.7	0
	Melvin	0-10	Flood plains	Yes	2			
Ud: Udorthents, smoothed	Udorthents	90	—	No	—	Gilmer	6.7	—
Uf: Udorthents, smoothed	Udorthents	85	Hillslopes	No	—	Lewis	3.6	—
Ur: Udorthents-Urban land complex	Udorthents	60	Hillslopes	No	—	Lewis	13.7	—
	Urban land	30	—	No	—			
VaC: Vandalia silt loam, 8 to 15 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	112.2	—
VaD: Vandalia silt loam, 15 to 25 percent slopes	Vandalia	75-85	Hillslopes	No	—	Gilmer	121.1	—
VaD: Vandalia silt loam, 15 to 25 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	524.3	2.9
VaE: Vandalia silt loam, 25 to 35 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	220.8	—
VsE: Vandalia silt loam, 15 to 35 percent slopes, very stony	Vandalia	75-85	Hillslopes	No	—	Gilmer	87.5	—
W: Water	Water	100	—	No	—	Lewis	3.7	—

Data Source Information

Soil Survey Area: Gilmer County, West Virginia
Survey Area Data: Version 13, Sep 13, 2021
Soil Survey Area: Lewis County, West Virginia
Survey Area Data: Version 14, Sep 13, 2021

Headwaters Sand Fork

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Headwaters Sand Fork (Acres)	Project Area (Acres)
BaF: Bethesda loam, 25 to 70 percent slopes, reclaimed, highwall	Bethesda-Reclaimed, highwall, unstable fill	65-100	—	No	—	Lewis	22.4	—
BdB: Bethesda channery loam, 0 to 8 percent slopes, unreclaimed	Bethesda-Unreclaimed, unstable fill	70-100	—	No	—	Lewis	1.1	—
BhD: Bethesda channery loam, 8 to 25 percent slopes, unreclaimed, highwall	Bethesda-Unreclaimed, highwall, unstable fill	70-100	—	No	—	Lewis	5.0	—
BhF: Bethesda channery loam, 25 to 70 percent slopes, unreclaimed, highwall	Bethesda-Unreclaimed, highwall, unstable fill	70-100	—	No	—	Lewis	77.7	—
BsB: Bethesda loam, 0 to 8 percent slopes, reclaimed	Bethesda-Reclaimed, unstable fill	65-100	—	No	—	Lewis	10.0	—
BsD: Bethesda loam, 8 to 25 percent slopes, reclaimed	Bethesda-Reclaimed, unstable fill	65-100	—	No	—	Lewis	34.1	—
BsF: Bethesda loam, 25 to 70 percent slopes, reclaimed	Bethesda-Reclaimed, unstable fill	65-100	—	No	—	Lewis	24.1	—
Cg: Chagrin loam, 0 to 3 percent slopes, occasionally flooded	Chagrin	80-100	Flood plains	No	—	Gilmer	63.8	—
	Melvin	0-15	Flood plains	Yes	2			
Cn: Chagrin silt loam, 0 to 3 percent slopes, occasionally flooded	Chagrin	80-100	Flood plains	No	—	Lewis	245.6	3.4
	Holly	0-15	Flood plains	Yes	2,4			
GaC: Gilpin silt loam, moist, 8 to 15 percent slopes	Gilpin-Moist	70-85	Hillslopes	No	—	Lewis	4.2	—
GaD: Gilpin silt loam, moist, 15 to 25 percent slopes	Gilpin-Moist	75-85	Hillslopes	No	—	Lewis	9.7	—
GaE: Gilpin silt loam, moist, 25 to 35 percent slopes	Gilpin-Moist	75-85	Hillslopes	No	—	Lewis	22.1	—
GaF: Gilpin silt loam, moist, 35 to 65 percent slopes	Gilpin-Moist	70-85	Hillslopes	No	—	Lewis	26.5	4.2
GpF3: Gilpin-Peabody complex, 35 to 70 percent slopes, severely eroded, very stony	Gilpin	60	Hillsides	No	—	Gilmer	1,291.8	—
	Peabody	25	Hillsides	No	—			
GuC: Gilpin-Upshur silt loams, 8 to 15 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	22.7	—
	Upshur	35	Hillslopes	No	—			
GuD: Gilpin-Upshur silt loams, 15 to 25 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	428.0	1.4
	Upshur	30	Hillslopes	No	—			
GuD3: Gilpin-Upshur silt loams, 15 to 25 percent slopes, severely eroded	Gilpin	40-55	Hillslopes,ridges	No	—	Gilmer	37.5	—
	Upshur	30-45	Hillslopes,ridges	No	—			
GuE: Gilpin-Upshur silt loams, 25 to 35 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	2,994.1	26.3
	Upshur	30	Hillslopes	No	—			
GuE3: Gilpin-Upshur silt loams, 25 to 35 percent slopes, severely eroded	Gilpin	45-70	Hillslopes	No	—	Gilmer	339.3	—
	Upshur	15-40	Hillslopes	No	—			
GwF3: Gilpin-Upshur silt loams, 35 to 70 percent slopes, severely eroded	Gilpin	45-55	Hillslopes	No	—	Lewis	16,275.2	89
	Upshur	30-40	Hillslopes	No	—			
JhB: Janelew channery silt loam, 0 to 8 percent slopes, unreclaimed, highwall	Janelew-Unreclaimed, highwall, unstable fill	60-100	—	No	—	Lewis	19.2	—
Ka: Kanawha loam, 0 to 3 percent slopes, rarely flooded	Kanawha	75-100	Flood plains,stream terraces	No	—	Gilmer	7.0	—
	Holly	0-5	Flood plains	Yes	2			
Lh: Lobdell-Holly silt loams	Lobdell	50	Flood plains	No	—	Lewis	21.8	—
	Holly	30	Flood plains	Yes	2			
MoB: Monongahela silt loam, 3 to 8 percent slopes	Monongahela	75-95	Terraces	No	—	Gilmer	3.6	—
	Purdy	0-25	Terraces	Yes	2,3			
Sb: Sensabaugh loam, 0 to 3 percent slopes, occasionally flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Gilmer	89.0	—
	Melvin	0-10	Flood plains	Yes	2			
Su: Sensabaugh silt loam, 0 to 3 percent slopes, occasionally flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Lewis	591.1	0.8
	Melvin	0-10	Flood plains	Yes	2			
Uf: Udorthents, smoothed	Udorthents	85	Hillslopes	No	—	Lewis	72.2	—
Ur: Udorthents-Urban land complex	Udorthents	60	Hillslopes	No	—	Lewis	18.5	—
	Urban land	30	—	No	—			
VaC: Vandalia silt loam, 8 to 15 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	264.3	—
VaD: Vandalia silt loam, 15 to 25 percent slopes	Vandalia	75-85	Hillslopes	No	—	Gilmer	17.0	—

VaD: Vandalia silt loam, 15 to 25 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	777.9	1.4
VaE: Vandalia silt loam, 25 to 35 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	1,004.2	1.5
VsE: Vandalia silt loam, 15 to 35 percent slopes, very stony	Vandalia	75-85	Hillslopes	No	—	Gilmer	146.5	—

Data Source Information

Soil Survey Area: Gilmer County, West Virginia
Survey Area Data: Version 13, Sep 13, 2021
Soil Survey Area: Lewis County, West Virginia
Survey Area Data: Version 14, Sep 13, 2021

Indian Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Indian Creek (Acres)	Project Area (Acres)
Cg: Chagrin loam, 0 to 3 percent slopes, occasionally flooded	Chagrin	80-100	Flood plains	No	—	Gilmer	195.2	—
	Melvin	0-15	Flood plains	Yes	2			
Cn: Chagrin silt loam, 0 to 3 percent slopes, occasionally flooded	Chagrin	80-100	Flood plains	No	—	Lewis	137.4	2.2
	Holly	0-15	Flood plains	Yes	2,4			
GpF3: Gilpin-Peabody complex, 35 to 70 percent slopes, severely eroded, very stony	Gilpin	60	Hillsides	No	—	Gilmer	4,974.4	—
	Peabody	25	Hillsides	No	—			
GuC: Gilpin-Upshur silt loams, 8 to 15 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	6.3	—
	Upshur	35	Hillslopes	No	—			
GuC3: Gilpin-Upshur complex, 8 to 15 percent slopes, severely eroded	Gilpin	50	Hillsides	No	—	Gilmer	9.3	—
	Upshur	25	Hillslopes	No	—			
GuD: Gilpin-Upshur silt loams, 15 to 25 percent slopes	Gilpin	45	Hillslopes	No	—	Braxton	13.3	0
	Upshur	30	Ridges	No	—			
GuD: Gilpin-Upshur silt loams, 15 to 25 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	65.2	—
	Upshur	30	Hillslopes	No	—			
GuD3: Gilpin-Upshur silt loams, 15 to 25 percent slopes, severely eroded	Gilpin	40-55	Hillslopes,ridges	No	—	Gilmer	519.8	—
	Upshur	30-45	Hillslopes,ridges	No	—			
GuE: Gilpin-Upshur silt loams, 25 to 35 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	409.4	—
	Upshur	30	Hillslopes	No	—			
GuE3: Gilpin-Upshur silt loams, 25 to 35 percent slopes, severely eroded	Gilpin	45-70	Hillslopes	No	—	Gilmer	1,097.9	—
	Upshur	15-40	Hillslopes	No	—			
GuF: Gilpin-Upshur silt loams, 35 to 70 percent slopes	Gilpin	50	Hillslopes	No	—	Braxton	14.3	—
	Upshur	30	Hillslopes	No	—			
GwF3: Gilpin-Upshur silt loams, 35 to 70 percent slopes, severely eroded	Gilpin	45-55	Hillslopes	No	—	Lewis	5,735.0	70.3
	Upshur	30-40	Hillslopes	No	—			
Ka: Kanawha loam, 0 to 3 percent slopes, rarely flooded	Kanawha	75-100	Flood plains,stream terraces	No	—	Gilmer	12.9	—
	Holly	0-5	Flood plains	Yes	2			
Sb: Sensabaugh loam, 0 to 3 percent slopes, occasionally flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Gilmer	359.6	—
	Melvin	0-10	Flood plains	Yes	2			
Su: Sensabaugh silt loam, 0 to 3 percent slopes, occasionally flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Lewis	159.9	1.7
	Melvin	0-10	Flood plains	Yes	2			
Ud: Udorthents, smoothed	Udorthents	80	—	No	—	Braxton	4.2	—
Ud: Udorthents, smoothed	Udorthents	90	—	No	—	Gilmer	47.4	—
Uf: Udorthents, smoothed	Udorthents	85	Hillslopes	No	—	Lewis	264.3	0.8
VaC: Vandalia silt loam, 8 to 15 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	94.2	0.3
VaD: Vandalia silt loam, 15 to 25 percent slopes	Vandalia	75-85	Hillslopes	No	—	Gilmer	14.8	—
VaD: Vandalia silt loam, 15 to 25 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	316.6	0.6
VaE: Vandalia silt loam, 25 to 35 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	367.5	0.8
VsE: Vandalia silt loam, 15 to 35 percent slopes, very stony	Vandalia	75-85	Hillslopes	No	—	Gilmer	397.0	—

Data Source Information

Soil Survey Area: Braxton County, West Virginia
Survey Area Data: Version 16, Sep 13, 2021
Soil Survey Area: Gilmer County, West Virginia
Survey Area Data: Version 13, Sep 13, 2021
Soil Survey Area: Lewis County, West Virginia
Survey Area Data: Version 14, Sep 13, 2021

Oil Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Oil Creek (Acres)	Project Area (Acres)
BuE: Buchanan gravelly loam, moist, 15 to 35 percent slopes, extremely stony	Buchanan-Moist	70-80	Hillslopes	No	—	Braxton	5.1	—
Cg: Chagrin silt loam, 0 to 3 percent slopes, occasionally flooded	Chagrin	80-100	Flood plains	No	—	Braxton	163.0	0
	Holly	0-15	Flood plains	Yes	2,4			
Ch: Chavies fine sandy loam, rarely flooded	Chavies	85	Terraces	No	—	Braxton	12.1	—
Cn: Chagrin silt loam, 0 to 3 percent slopes, occasionally flooded	Chagrin	80-100	Flood plains	No	—	Lewis	22.4	0.6
	Holly	0-15	Flood plains	Yes	2,4			
GpF3: Gilpin-Peabody complex, 35 to 70 percent slopes, severely eroded, very stony	Gilpin	60	Hillsides	No	—	Gilmer	0.2	—
	Peabody	25	Hillsides	No	—			
GuC: Gilpin-Upshur silt loams, 8 to 15 percent slopes	Gilpin	36	Hillslopes	No	—	Braxton	10.7	—
	Upshur	34	Ridges	No	—			
GuC: Gilpin-Upshur silt loams, 8 to 15 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	51.4	19.4
	Upshur	35	Hillslopes	No	—			
GuD: Gilpin-Upshur silt loams, 15 to 25 percent slopes	Gilpin	45	Hillslopes	No	—	Braxton	502.6	18.3
	Upshur	30	Ridges	No	—			
GuD: Gilpin-Upshur silt loams, 15 to 25 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	378.9	—
	Upshur	30	Hillslopes	No	—			
GuD3: Gilpin-Upshur silt loams, 15 to 25 percent slopes, severely eroded	Gilpin	40-55	Hillslopes,ridges	No	—	Gilmer	0.1	—
	Upshur	30-45	Hillslopes,ridges	No	—			
GuE: Gilpin-Upshur silt loams, 25 to 35 percent slopes	Gilpin	36	Hillslopes	No	—	Braxton	801.4	2.5
	Upshur	34	Ridges	No	—			
GuE: Gilpin-Upshur silt loams, 25 to 35 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	957.6	—
	Upshur	30	Hillslopes	No	—			
GuF: Gilpin-Upshur silt loams, 35 to 70 percent slopes	Gilpin	50	Hillslopes	No	—	Braxton	4,648.1	2.3
	Upshur	30	Hillslopes	No	—			
GxF: Gilpin-Upshur silt loams, 35 to 70 percent slopes, extremely bouldery	Gilpin	70	Hillslopes	No	—	Braxton	131.2	—
	Upshur	20	Hillslopes	No	—			
GwF3: Gilpin-Upshur silt loams, 35 to 70 percent slopes, severely eroded	Gilpin	45-55	Hillslopes	No	—	Lewis	8,905.1	75.1
	Upshur	30-40	Hillslopes	No	—			
SoA: Sensabaugh silt loam, 0 to 3 percent slopes, occasionally flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Braxton	125.3	—
	Melvin	0-10	Flood plains	Yes	2			
SrB: Sensabaugh silt loam, 3 to 8 percent slopes, rarely flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Braxton	101.8	1.1
Su: Sensabaugh silt loam, 0 to 3 percent slopes, occasionally flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Lewis	473.4	2.5
	Melvin	0-10	Flood plains	Yes	2			
Ud: Udorthents, smoothed	Udorthents	80	—	No	—	Braxton	349.2	—
Ud: Udorthents, smoothed	Udorthents	90	—	No	—	Gilmer	0.2	—
Uf: Udorthents, smoothed	Udorthents	85	Hillslopes	No	—	Lewis	89.9	1.5
VaC: Vandalia silt loam, 8 to 15 percent slopes	Vandalia	75-85	Hillslopes	No	—	Braxton	27.3	—
VaC: Vandalia silt loam, 8 to 15 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	370.5	1.5
VaD: Vandalia silt loam, 15 to 25 percent slopes	Vandalia	75	Hillslopes	No	—	Braxton	92.2	0.3
VaD: Vandalia silt loam, 15 to 25 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	595.9	5.4

VaE: Vandalia silt loam, 25 to 35 percent slopes	Vandalia	75-85	Hillslopes	No	—	Braxton	710.5	1.2
VaE: Vandalia silt loam, 25 to 35 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	266.9	6.9
VxE: Vandalia silt loam, 15 to 35 percent slopes, very stony	Vandalia	75-85	Hillslopes	No	—	Braxton	383.1	—
W: Water	Water	100	—	No	—	Lewis	1.9	—
W: Water	Water	100	—	No	—	Braxton	0.0	—

Data Source Information

Soil Survey Area: Braxton County, West Virginia
Survey Area Data: Version 16, Sep 13, 2021
Soil Survey Area: Gilmer County, West Virginia
Survey Area Data: Version 13, Sep 13, 2021
Soil Survey Area: Lewis County, West Virginia
Survey Area Data: Version 14, Sep 13, 2021

Burnsville Lake-Little Kanawha River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Burnsville Lake-Little Kanawha River (Acres)	Project Area (Acres)
AgB: Allegheny loam, 3 to 8 percent slopes	Allegheny	75-100	Stream terraces	No	—	Braxton	265.7	—
BuE: Buchanan gravelly loam, moist, 15 to 35 percent slopes, extremely stony	Buchanan-Moist	70-80	Hillslopes	No	—	Braxton	10.8	—
Cg: Chagrin silt loam, 0 to 3 percent slopes, occasionally flooded	Chagrin	80-100	Flood plains	No	—	Braxton	28.1	—
	Holly	0-15	Flood plains	Yes	2,4			
Cp: Chavies fine sandy loam, protected	Chavies	85	Terraces	No	—	Braxton	57.5	—
GaF: Gilpin silt loam, 35 to 70 percent slopes, very stony	Gilpin	70-80	Hillslopes	No	—	Braxton	130.2	—
GlD: Gilpin-Lily complex, 15 to 25 percent slopes	Gilpin	50	Hillslopes	No	—	Braxton	125.7	4.8
	Lily	30	Ridges	No	—			
GlE: Gilpin-Lily complex, 25 to 35 percent slopes	Gilpin	60	Hillslopes	No	—	Braxton	7.1	—
	Lily	20	Ridges	No	—			
GuC: Gilpin-Upshur silt loams, 8 to 15 percent slopes	Gilpin	36	Hillslopes	No	—	Braxton	103.9	—
	Upshur	34	Ridges	No	—			
GuD: Gilpin-Upshur silt loams, 15 to 25 percent slopes	Gilpin	45	Hillslopes	No	—	Braxton	1,215.1	8.8
	Upshur	30	Ridges	No	—			
GuE: Gilpin-Upshur silt loams, 25 to 35 percent slopes	Gilpin	36	Hillslopes	No	—	Braxton	2,564.2	26.1
	Upshur	34	Ridges	No	—			
GuE: Gilpin-Upshur silt loams, 25 to 35 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	5.0	—
	Upshur	30	Hillslopes	No	—			
GuF: Gilpin-Upshur silt loams, 35 to 70 percent slopes	Gilpin	50	Hillslopes	No	—	Braxton	12,033.2	26
	Upshur	30	Hillslopes	No	—			
GwF3: Gilpin-Upshur silt loams, 35 to 70 percent slopes, severely eroded	Gilpin	45-55	Hillslopes	No	—	Lewis	11.0	—
	Upshur	30-40	Hillslopes	No	—			
GxF: Gilpin-Upshur silt loams, 35 to 70 percent slopes, extremely bouldery	Gilpin	70	Hillslopes	No	—	Braxton	1,092.4	12.5
	Upshur	20	Hillslopes	No	—			
MgB: Monongahela silt loam, 3 to 8 percent slopes	Monongahela	75-95	Terraces	No	—	Braxton	45.8	—
	Purdy	0-25	Terraces	Yes	2,3			
Po: Pope sandy loam, 0 to 3 percent slopes, occasionally flooded	Pope	80-90	Flood plains	No	—	Braxton	23.7	—
SoA: Sensabaugh silt loam, 0 to 3 percent slopes, occasionally flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Braxton	554.5	2
	Melvin	0-10	Flood plains	Yes	2			
SrB: Sensabaugh silt loam, 3 to 8 percent slopes, rarely flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Braxton	412.6	5.9
Ud: Udorthents, smoothed	Udorthents	80	—	No	—	Braxton	278.3	—
VaC: Vandalia silt loam, 8 to 15 percent slopes	Vandalia	75-85	Hillslopes	No	—	Braxton	22.1	—
VaD: Vandalia silt loam, 15 to 25 percent slopes	Vandalia	75	Hillslopes	No	—	Braxton	660.3	—
VaE: Vandalia silt loam, 25 to 35 percent slopes	Vandalia	75-85	Hillslopes	No	—	Braxton	916.2	2
VxE: Vandalia silt loam, 15 to 35 percent slopes, very stony	Vandalia	75-85	Hillslopes	No	—	Braxton	1,245.5	0.7
W: Water	Water	100	—	No	—	Braxton	875.6	—
ZoB: Zoar silt loam, 3 to 8 percent slopes	Zoar	85	Terraces	No	—	Braxton	71.4	—

Data Source Information

Soil Survey Area: Braxton County, West Virginia
Survey Area Data: Version 16, Sep 13, 2021
Soil Survey Area: Lewis County, West Virginia
Survey Area Data: Version 14, Sep 13, 2021

Falls Run-Little Kanawha River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Falls Run-Little Kanawha River (Acres)	Project Area (Acres)
AgB: Allegheny loam, 3 to 8 percent slopes	Allegheny	75-100	Stream terraces	No	—	Braxton	29.9	—
BuE: Buchanan gravelly loam, moist, 15 to 35 percent slopes, extremely stony	Buchanan-Moist	70-80	Hillslopes	No	—	Braxton	4,075.5	29.2
Cg: Chagrin silt loam, 0 to 3 percent slopes, occasionally flooded	Chagrin	80-100	Flood plains	No	—	Braxton	18.2	—
	Holly	0-15	Flood plains	Yes	2,4			
Ch: Chavies fine sandy loam, rarely flooded	Chavies	85	Terraces	No	—	Braxton	198.4	5.6
Cr: Craigsville gravelly sandy loam	Craigsville	85	Flood plains	No	—	Braxton	130.3	1.5
GaD: Gilpin silt loam, moist, 15 to 25 percent slopes	Gilpin-Moist	75-85	Hillslopes	No	—	Lewis	1.6	—
GaE: Gilpin silt loam, moist, 25 to 35 percent slopes	Gilpin-Moist	75-85	Hillslopes	No	—	Lewis	5.4	—
GaF: Gilpin silt loam, 35 to 70 percent slopes, very stony	Gilpin	70-80	Hillslopes	No	—	Braxton	9,448.9	44.4
GaF: Gilpin silt loam, moist, 35 to 65 percent slopes	Gilpin-Moist	70-85	Hillslopes	No	—	Lewis	3.9	—
GbE: Gilpin silt loam, 25 to 35 percent slopes	Gilpin	80	Hillslopes,mountain slopes,mountain slopes,ridges	No	—	Webster	78.6	—
GdE: Gilpin-Dekalb complex, 15 to 35 percent slopes, extremely stony	Gilpin	55	Ridges,mountain slopes	No	—	Webster	15.3	—
	Dekalb	35	Mountain slopes,ridges	No	—			
GlC: Gilpin-Lily complex, 8 to 15 percent slopes	Gilpin	40	Hillslopes	No	—	Braxton	371.3	12.7
	Lily	35	Ridges	No	—			
GlD: Gilpin-Lily complex, 15 to 25 percent slopes	Gilpin	50	Hillslopes	No	—	Braxton	1,615.5	52.6
	Lily	30	Ridges	No	—			
GlE: Gilpin-Lily complex, 25 to 35 percent slopes	Gilpin	60	Hillslopes	No	—	Braxton	1,544.5	47.4
	Lily	20	Ridges	No	—			
GuC: Gilpin-Upshur silt loams, 8 to 15 percent slopes	Gilpin	36	Hillslopes	No	—	Braxton	94.7	4.7
	Upshur	34	Ridges	No	—			
GuD: Gilpin-Upshur silt loams, 15 to 25 percent slopes	Gilpin	45	Hillslopes	No	—	Braxton	782.1	1.4
	Upshur	30	Ridges	No	—			
GuD: Gilpin-Upshur silt loams, 15 to 25 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	0.5	—
	Upshur	30	Hillslopes	No	—			
GuE: Gilpin-Upshur silt loams, 25 to 35 percent slopes	Gilpin	36	Hillslopes	No	—	Braxton	647.7	1.2
	Upshur	34	Ridges	No	—			
GuE: Gilpin-Upshur silt loams, 25 to 35 percent slopes	Gilpin	55	Hillslopes	No	—	Lewis	3.2	—
	Upshur	30	Hillslopes	No	—			
GuF: Gilpin-Upshur silt loams, 35 to 70 percent slopes	Gilpin	50	Hillslopes	No	—	Braxton	424.1	—
	Upshur	30	Hillslopes	No	—			
GxF: Gilpin-Upshur silt loams, 35 to 70 percent slopes, extremely bouldery	Gilpin	70	Hillslopes	No	—	Braxton	10.5	0.6
	Upshur	20	Hillslopes	No	—			
GwF3: Gilpin-Upshur silt loams, 35 to 70 percent slopes, severely eroded	Gilpin	45-55	Hillslopes	No	—	Lewis	0.9	—
	Upshur	30-40	Hillslopes	No	—			
HiF: Highsplint channery silt loam, moist, 35 to 70 percent slopes, extremely stony	Highsplint-Moist	45-75	Hillslopes	No	—	Lewis	1.5	—
HiF: Highsplint channery silt loam, moist, 35 to 70 percent slopes, extremely stony	Highsplint-Moist	45-75	Hillslopes	No	—	Webster	344.4	—
LdEm: Laidig channery silt loam, moist, 15 to 35 percent slopes, extremely stony	Laidig-Moist	80	Mountain slopes	No	—	Webster	73.5	—
	Andover-Moist	4	Saddles	Yes	2			
Lo: Lobdell silt loam, 0 to 3 percent slopes, occasionally flooded	Lobdell	75-95	Flood plains	No	—	Braxton	62.3	—
	Holly	0-10	Flood plains	Yes	2			
	Melvin	0-10	Flood plains	Yes	2			
MgB: Monongahela silt loam, 3 to 8 percent slopes	Monongahela	75-95	Terraces	No	—	Braxton	33.0	—
	Purdy	0-25	Terraces	Yes	2,3			
Po: Pope sandy loam, 0 to 3 percent slopes, occasionally flooded	Pope	80-90	Flood plains	No	—	Braxton	325.3	3.5

SoA: Sensabaugh silt loam, 0 to 3 percent slopes, occasionally flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Braxton	221.8	—
	Melvin	0-10	Flood plains	Yes	2			
SrB: Sensabaugh silt loam, 3 to 8 percent slopes, rarely flooded	Sensabaugh	70-100	Flood plains,alluvial fans	No	—	Braxton	133.2	—
Ud: Udorthents, smoothed	Udorthents	80	—	No	—	Braxton	145.6	—
VaD: Vandalia silt loam, 15 to 25 percent slopes	Vandalia	75	Hillslopes	No	—	Braxton	47.4	—
VaD: Vandalia silt loam, 15 to 25 percent slopes	Vandalia	75-85	Hillslopes	No	—	Lewis	0.3	—
W: Water	Water	100	—	No	—	Braxton	190.2	0.6
ZoB: Zoar silt loam, 3 to 8 percent slopes	Zoar	85	Terraces	No	—	Braxton	11.4	—

Data Source Information

Soil Survey Area: Braxton County, West Virginia
Survey Area Data: Version 16, Sep 13, 2021
Soil Survey Area: Lewis County, West Virginia
Survey Area Data: Version 14, Sep 13, 2021
Soil Survey Area: Webster County, West Virginia
Survey Area Data: Version 17, Sep 13, 2021

Outlet Holly River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Outlet Holly River (Acres)	Project Area (Acres)
BuE: Buchanan gravelly loam, moist, 15 to 35 percent slopes, extremely stony	Buchanan-Moist	70-80	Hillslopes	No	—	Braxton	3,250.8	2.7
Ch: Chavies fine sandy loam, rarely flooded	Chavies	85	Terraces	No	—	Braxton	23.7	—
Ch: Chavies fine sandy loam, moist, 0 to 3 percent slopes, rarely flooded	Chavies-Moist	80-90	Stream terraces	No	—	Webster	31.9	1.6
	Atkins-Moist	0-10	Flood plains	Yes	2,3			
Cr: Craigsville gravelly sandy loam	Craigsville	85	Flood plains	No	—	Webster	308.3	—
CSF: Clifftop-Laidig association, very steep, extremely stony	Clifftop	45	Mountain slopes	No	—	Webster	207.1	0.7
	Laidig	35	Mountain slopes	No	—			
CtB: Cotaco silt loam, 3 to 8 percent slopes	Cotaco	70	Terraces,streams	No	—	Webster	6.6	2.0
Cv: Craigsville gravelly loam, 0 to 5 percent slopes	Craigsville	85	Alluvial fans,flood plains	No	—	Webster	10.3	—
DrF: Dekalb-Rock outcrop complex, 35 to 70 percent slopes, extremely stony	Dekalb	60	Mountain slopes,ridges	No	—	Webster	462.7	2.4
	Rock outcrop	15	—	No	—			
FeC: Fenwick loam, 3 to 15 percent slopes, very stony	Fenwick	80	Mountain slopes,ridges	No	—	Webster	7.2	—
GaF: Gilpin silt loam, 35 to 70 percent slopes, very stony	Gilpin	70-80	Hillslopes	No	—	Braxton	3,427.6	—
GbC: Gilpin silt loam, 8 to 15 percent slopes	Gilpin	80	Mountain slopes,mountain slopes,ridges	No	—	Webster	21.0	0.5
GbD: Gilpin silt loam, 15 to 25 percent slopes	Gilpin	80	— error in exists on —	No	—	Webster	18.9	—
GbE: Gilpin silt loam, 25 to 35 percent slopes	Gilpin	80	Hillslopes,mountain slopes,mountain slopes,ridges	No	—	Webster	148.6	6.5
GcC: Gilpin silt loam, 3 to 15 percent slopes, very stony	Gilpin	80	Hillslopes,mountain slopes,ridges	No	—	Webster	82.4	—
GdE: Gilpin-Dekalb complex, 15 to 35 percent slopes, extremely stony	Gilpin	55	Ridges,mountain slopes	No	—	Webster	541.0	5.4
	Dekalb	35	Mountain slopes,ridges	No	—			
GlC: Gilpin-Lily complex, 8 to 15 percent slopes	Gilpin	40	Hillslopes	No	—	Braxton	186.0	—
	Lily	35	Ridges	No	—			
GlD: Gilpin-Lily complex, 15 to 25 percent slopes	Gilpin	50	Hillslopes	No	—	Braxton	1,620.2	3.7
	Lily	30	Ridges	No	—			
GlE: Gilpin-Lily complex, 25 to 35 percent slopes	Gilpin	60	Hillslopes	No	—	Braxton	639.6	14.8
	Lily	20	Ridges	No	—			
GuD: Gilpin-Upshur silt loams, 15 to 25 percent slopes	Gilpin	45	Hillslopes	No	—	Braxton	79.5	—
	Upshur	30	Ridges	No	—			
GuE: Gilpin-Upshur silt loams, 25 to 35 percent slopes	Gilpin	36	Hillslopes	No	—	Braxton	6.2	—
	Upshur	34	Ridges	No	—			
GuF: Gilpin-Upshur silt loams, 35 to 70 percent slopes	Gilpin	50	Hillslopes	No	—	Braxton	84.1	—
	Upshur	30	Hillslopes	No	—			
GZF: Gilpin-Pineville association, very steep, extremely stony	Gilpin	50	Hillslopes	No	—	Braxton	1,132.3	—
	Pineville	25	Hillsides	No	—			
HiF: Highsplint channery silt loam, moist, 35 to 70 percent slopes, extremely stony	Highsplint-Moist	45-75	Hillslopes	No	—	Webster	205.2	5.8
LaCm: Laidig channery silt loam, moist, 8 to 15 percent slopes	Laidig-Moist	75	Mountain slopes	No	—	Webster	5.5	—
	Andover-Moist	5	Saddles	Yes	2			
LaDm: Laidig channery silt loam, moist, 15 to 25 percent slopes	Laidig-Moist	75	Mountain slopes	No	—	Webster	23.5	—
	Andover-Moist	5	Saddles	Yes	2			
LdCm: Laidig channery silt loam, moist, 3 to 15 percent slopes, extremely stony	Laidig-Moist	80	Coves,mountain slopes	No	—	Webster	47.7	—
	Andover-Moist	4	Saddles	Yes	2			
LdEm: Laidig channery silt loam, moist, 15 to 35 percent slopes, extremely stony	Laidig-Moist	80	Mountain slopes	No	—	Webster	645.7	7.0
	Andover-Moist	4	Saddles	Yes	2			
MgB: Monongahela silt loam, 3 to 8 percent slopes	Monongahela	75-95	Terraces	No	—	Braxton	4.9	—
	Purdy	0-25	Terraces	Yes	2,3			

PLF: Pineville-Gilpin-Guyandotte association, very steep, extremely stony	Pineville	35	Coves,mountain slopes	No	—	Webster	5,597.9	18.4
	Gilpin	25	Mountain slopes,ridges	No	—			
	Guyandotte	15	Coves,mountain slopes	No	—			
Po: Pope sandy loam, 0 to 3 percent slopes, occasionally flooded	Pope	80-90	Flood plains	No	—	Braxton	152.2	2.2
Po: Pope loam, moist, 0 to 3 percent slopes, occasionally flooded	Pope-Moist	80-90	Flood plains	No	—	Webster	110.7	—
	Atkins-Moist	1-11	Flood plains	Yes	2,3			
Pp: Pope-Potomac complex, very cobbly	Pope	46	Flood plains	No	—	Webster	84.7	—
	Potomac	44	Flood plains	No	—			
W: Water	Water	100	—	No	—	Braxton	190.3	—
W: Water	Water	100	—	No	—	Webster	13.7	0.2

Data Source Information

Soil Survey Area: Braxton County, West Virginia
Survey Area Data: Version 16, Sep 13, 2021
Soil Survey Area: Webster County, West Virginia
Survey Area Data: Version 17, Sep 13, 2021

Headwaters Holly River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Headwaters Holly River (Acres)	Project Area (Acres)
At: Atkins loam, moist, 0 to 3 percent slopes, frequently flooded	*Atkins-Moist*	*80-90*	*Flood plains*	*Yes*	*2*	*Webster*	*5.8*	—
BtC: Buchanan and Ernest stony soils, 3 to 15 percent slopes	Buchanan	45	Drainageways,mountain slopes	No	—	Randolph	8.5	—
	Ernest	35	Drainageways,mountain slopes	No	—			
BtE: Buchanan and Ernest stony soils, 15 to 35 percent slopes	Buchanan	50	Mountain slopes on drainageways	No	—	Randolph	269.7	—
	Ernest	30	Drainhead complexes,mountain slopes	No	—			
CeF: Cedarcreek very channery loam, very steep, extremely stony	Cedarcreek-Unstable fill	80	Mountain slopes	No	—	Webster	5.8	—
Ch: Chavies fine sandy loam, moist, 0 to 3 percent slopes, rarely flooded	Chavies-Moist	80-90	Stream terraces	No	—	Webster	318.2	—
	Atkins-Moist	0-10	Flood plains	Yes	2,3			
ClC: Clifftop channery silt loam, 8 to 15 percent slopes	Clifftop	80	Ridges	No	—	Webster	54.9	—
ClD: Clifftop channery silt loam, 15 to 25 percent slopes	Clifftop	80	Ridges	No	—	Webster	14.3	—
CnC: Clifftop channery silt loam, 3 to 15 percent slopes, very stony	Clifftop	75	Ridges	No	—	Webster	641.8	—
CpE: Clifftop-Dekalb complex, 15 to 35 percent slopes, extremely stony	Clifftop	55	Mountain slopes	No	—	Webster	44.6	—
	Dekalb	35	Mountain slopes	No	—	Webster		
CsC: Cookport variant very stony silt loam, 3 to 15 percent slopes	Cookport variant	60	Ridges,benches	No	—	Randolph	5.6	—
CtB: Cotaco silt loam, 3 to 8 percent slopes	Cotaco	70	Terraces,streams	No	—	Webster	15.0	—
Cv: Craigsville gravelly loam, 0 to 5 percent slopes	Craigsville	85	Alluvial fans,flood plains	No	—	Webster	72.2	—
DbC: Dekalb channery loam, moist, 8 to 15 percent slopes	Dekalb	75	Ridges,benches	No	—	Randolph	17.9	—
DkC: Dekalb channery sandy loam, 3 to 15 percent slopes, extremely stony	Dekalb	85	Mountain slopes,ridges	No	—	Webster	188.6	—
DrF: Dekalb-Rock outcrop complex, 35 to 70 percent slopes, extremely stony	Dekalb	60	Mountain slopes,ridges	No	—	Webster	900.0	—
	Rock outcrop	15	—	No	—			
Ek: Elkins silt loam	*Elkins*	*80*	*Flood plains*	*Yes*	*2*	*Webster*	*8.1*	—
EnD: Ernest silt loam, moist, 15 to 25 percent slopes	Ernest-Moist	75-85	Hillslopes	No	—	Randolph	11.2	—
	Brinkerton-Moist	1-5	Hillslopes	Yes	2			
FeC: Fenwick loam, 3 to 15 percent slopes, very stony	Fenwick	80	Mountain slopes,ridges	No	—	Webster	67.6	—
GbC: Gilpin silt loam, 8 to 15 percent slopes	Gilpin	80	Mountain slopes,mountain slopes,ridges	No	—	Webster	50.8	1.1
GbD: Gilpin silt loam, 15 to 25 percent slopes	Gilpin	80	— error in exists on —	No	—	Webster	16.8	—
GbE: Gilpin silt loam, 25 to 35 percent slopes	Gilpin	80	Hillslopes,mountain slopes,mountain slopes,ridges	No	—	Webster	183.1	5.1
GcC: Gilpin channery silt loam, moist, 8 to 15 percent slopes	Gilpin-Moist	75-85	Hillslopes	No	—	Randolph	55.3	—
GcC: Gilpin silt loam, 3 to 15 percent slopes, very stony	Gilpin	80	Hillslopes,mountain slopes,ridges	No	—	Webster	148.8	—
GcD: Gilpin channery silt loam, moist, 15 to 25 percent slopes	Gilpin-Moist	65-85	Hillslopes	No	—	Randolph	6.8	—
GcE: Gilpin channery silt loam, moist, 25 to 35 percent slopes	Gilpin-Moist	75-90	Hillslopes	No	—	Randolph	49.8	—
GcF: Gilpin channery silt loam, moist, 35 to 65 percent slopes	Gilpin-Moist	65-90	Hillslopes	No	—	Randolph	70.5	—
GdC: Gilpin-Dekalb stony complex, 3 to 15 percent slopes	Gilpin	50	Benches	No	—	Randolph	3.5	—
	Dekalb	35	Ridges,benches	No	—			
GdE: Gilpin-Dekalb complex, 15 to 35 percent slopes, extremely stony	Gilpin	55	Ridges,mountain slopes	No	—	Webster	1,392.8	—
	Dekalb	35	Mountain slopes,ridges	No	—			
GkC: Gilpin-Dekalb stony complex, moist, 3 to 15 percent slopes	Gilpin	50	Ridges,benches	No	—	Randolph	27.8	—

GkC: Gilpin-Dekalb stony complex, moist, 3 to 15 percent slopes	Dekalb	35	Ridges,benches	No	—	Randolph	27.8	—
HiF: Highsplint channery silt loam, moist, 35 to 70 percent slopes, extremely stony	Highsplint-Moist	45-75	Hillslopes	No	—	Randolph	448.4	—
HiF: Highsplint channery silt loam, moist, 35 to 70 percent slopes, extremely stony	Highsplint-Moist	45-75	Hillslopes	No	—	Webster	10,818.3	3.3
HLE: Highsplint-Laidig complex, moist, 15 to 35 percent slopes, extremely stony	Highsplint-Moist	35-55	Hillslopes	No	—	Randolph	29.1	—
	Laidig-Moist	7-35	Hillslopes	No	—			
HLE: Highsplint-Laidig complex, moist, 15 to 35 percent slopes, extremely stony	Highsplint-Moist	35-55	Hillslopes	No	—	Webster	1,062.2	—
	Laidig-Moist	7-35	Hillslopes	No	—			
LaCm: Laidig channery silt loam, moist, 8 to 15 percent slopes	Laidig-Moist	75	Mountain slopes	No	—	Webster	32.8	—
	Andover-Moist	5	Saddles	Yes	2			
LaDm: Laidig channery silt loam, moist, 15 to 25 percent slopes	Laidig-Moist	75	Mountain slopes	No	—	Webster	15.0	—
	Andover-Moist	5	Saddles	Yes	2			
LdCm: Laidig channery silt loam, moist, 3 to 15 percent slopes, extremely stony	Laidig-Moist	80	Coves,mountain slopes	No	—	Webster	166.9	—
	Andover-Moist	4	Saddles	Yes	2			
LdEm: Laidig channery silt loam, moist, 15 to 35 percent slopes, extremely stony	Laidig-Moist	80	Mountain slopes	No	—	Webster	2,905.5	—
	Andover-Moist	4	Saddles	Yes	2			
LgEm: Laidig channery silt loam, moist, 8 to 35 percent slopes, rubbly	Laidig-Moist	75	Mountain slopes	No	—	Webster	1,589.9	—
	Andover-Moist	4	Saddles	Yes	2			
MaC: Mandy channery silt loam, 3 to 15 percent slopes, extremely stony	Mandy	80	Ridges	No	—	Webster	2.0	—
Pe: Philo-Pope complex, moist, 0 to 3 percent slopes, occasionally flooded	Philo-Moist	45-55	Flood plains	No	—	Webster	130.7	—
	Pope-Moist	30-40	Flood plains	No	—			
	Atkins-Moist	0-15	Flood plains	Yes	2			
PLF: Pineville-Gilpin-Guyandotte association, very steep, extremely stony	Pineville	35	Coves,mountain slopes	No	—	Webster	12,151.6	—
	Gilpin	25	Mountain slopes,ridges	No	—			
	Guyandotte	15	Coves,mountain slopes	No	—			
Po: Pope loam, moist, 0 to 3 percent slopes, occasionally flooded	Pope-Moist	80-90	Flood plains	No	—	Webster	170.7	—
	Atkins-Moist	1-11	Flood plains	Yes	2,3			
Pp: Pope-Potomac complex, very cobbly	Pope	46	Flood plains	No	—	Webster	330.1	—
	Potomac	44	Flood plains	No	—			
W: Water	Water	100	—	No	—	Randolph	7.0	—
W: Water	Water	100	—	No	—	Webster	105.9	—

Data Source Information

Soil Survey Area: Randolph County Area, Main Part, West Virginia
Survey Area Data: Version 16, Sep 13, 2021
Soil Survey Area: Webster County, West Virginia
Survey Area Data: Version 17, Sep 13, 2021

Outlet Right Fork Holly River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Outlet Right Fork Holly River (Acres)	Project Area (Acres)
At: Atkins loam, moist, 0 to 3 percent slopes, frequently flooded	*Atkins-Moist*	*80-90*	*Flood plains*	*Yes*	*2*	*Webster*	*20.3*	—
BuE: Buchanan gravelly loam, moist, 15 to 35 percent slopes, extremely stony	Buchanan-Moist	70-80	Hillslopes	No	—	Braxton	739.2	—
Ch: Chavies fine sandy loam, rarely flooded	Chavies	85	Terraces	No	—	Braxton	37.8	—
Ch: Chavies fine sandy loam, moist, 0 to 3 percent slopes, rarely flooded	Chavies-Moist	80-90	Stream terraces	No	—	Webster	331.2	1.7
	Atkins-Moist	0-10	Flood plains	Yes	2,3			
Cr: Craigsville gravelly sandy loam	Craigsville	85	Flood plains	No	—	Braxton	45.0	—
CtB: Cotaco silt loam, 3 to 8 percent slopes	Cotaco	70	Terraces,streams	No	—	Webster	54.7	—
Cv: Craigsville gravelly loam, 0 to 5 percent slopes	Craigsville	85	Alluvial fans,flood plains	No	—	Webster	67.2	—
DrF: Dekalb-Rock outcrop complex, 35 to 70 percent slopes, extremely stony	Dekalb	60	Mountain slopes,ridges	No	—	Webster	794.5	13.3
	Rock outcrop	15	—	No	—			
GbC: Gilpin silt loam, 8 to 15 percent slopes	Gilpin	80	Mountain slopes,mountain slopes,ridges	No	—	Webster	22.5	—
GbD: Gilpin silt loam, 15 to 25 percent slopes	Gilpin	80	— error in exists on —	No	—	Webster	137.3	4.5
GbE: Gilpin silt loam, 25 to 35 percent slopes	Gilpin	80	Hillslopes,mountain slopes,mountain slopes,ridges	No	—	Webster	23.1	4.4
GcC: Gilpin silt loam, 3 to 15 percent slopes, very stony	Gilpin	80	Hillslopes,mountain slopes,ridges	No	—	Webster	36.2	—
GdE: Gilpin-Dekalb complex, 15 to 35 percent slopes, extremely stony	Gilpin	55	Ridges,mountain slopes	No	—	Webster	400.6	—
	Dekalb	35	Mountain slopes,ridges	No	—			
GlD: Gilpin-Lily complex, 15 to 25 percent slopes	Gilpin	50	Hillslopes	No	—	Braxton	271.5	—
	Lily	30	Ridges	No	—			
GlE: Gilpin-Lily complex, 25 to 35 percent slopes	Gilpin	60	Hillslopes	No	—	Braxton	19.2	—
	Lily	20	Ridges	No	—			
GZF: Gilpin-Pineville association, very steep, extremely stony	Gilpin	50	Hillslopes	No	—	Braxton	1,708.7	—
	Pineville	25	Hillsides	No	—			
KaF: Kaymine very channery silt loam, very steep, extremely stony	Kaymine-Unstable fill	75	Mountain slopes	No	—	Webster	19.6	—
LaCm: Laidig channery silt loam, moist, 8 to 15 percent slopes	Laidig-Moist	75	Mountain slopes	No	—	Webster	51.5	—
	Andover-Moist	5	Saddles	Yes	2			
LaDm: Laidig channery silt loam, moist, 15 to 25 percent slopes	Laidig-Moist	75	Mountain slopes	No	—	Webster	18.6	—
	Andover-Moist	5	Saddles	Yes	2			
LdCm: Laidig channery silt loam, moist, 3 to 15 percent slopes, extremely stony	Laidig-Moist	80	Coves,mountain slopes	No	—	Webster	10.3	—
	Andover-Moist	4	Saddles	Yes	2			
LdEm: Laidig channery silt loam, moist, 15 to 35 percent slopes, extremely stony	Laidig-Moist	80	Mountain slopes	No	—	Webster	470.3	—
	Andover-Moist	4	Saddles	Yes	2			
MgB: Monongahela silt loam, 3 to 8 percent slopes	Monongahela	75-95	Terraces	No	—	Braxton	10.3	—
	Purdy	0-25	Terraces	Yes	2,3			
PLF: Pineville-Gilpin-Guyandotte association, very steep, extremely stony	Pineville	35	Coves,mountain slopes	No	—	Webster	8,085.5	38.3
	Gilpin	25	Mountain slopes,ridges	No	—			
	Guyandotte	15	Coves,mountain slopes	No	—			

Po: Pope loam, moist, 0 to 3 percent slopes, occasionally flooded	Pope-Moist	80-90	Flood plains	No	—	Webster	18.1	—
	Atkins-Moist	1-11	Flood plains	Yes	2,3			
Po: Pope sandy loam, 0 to 3 percent slopes, occasionally flooded	Pope	80-90	Flood plains	No	—	Braxton	64.6	—
Pp: Pope-Potomac complex, very cobbly	Pope	46	Flood plains	No	—	Webster	98.5	3
	Potomac	44	Flood plains	No	—			
W: Water	Water	100	—	No	—	Braxton	46.1	—
W: Water	Water	100	—	No	—	Webster	50.6	0.5
ZoB: Zoar silt loam, 3 to 8 percent slopes	Zoar	85	Terraces	No	—	Braxton	16.1	—

Data Source Information

Soil Survey Area: Braxton County Area, Main Part, West Virginia
Survey Area Data: Version 16, Sep 13, 2021
Soil Survey Area: Webster County, West Virginia
Survey Area Data: Version 17, Sep 13, 2021

Big Run-Elk River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Big Run-Elk River (Acres)	Project Area (Acres)
At: Atkins loam, moist, 0 to 3 percent slopes, frequently flooded	*Atkins-Moist*	*80-90*	*Flood plains*	*Yes*	*2*	*Webster*	*3.8*	—
CaE: Cateache channery silt loam, 15 to 35 percent slopes, extremely stony	Cateache	85	Mountain slopes,ridges	No	—	Webster	143.0	—
CeF: Cedarcreek very channery loam, very steep, extremely stony	Cedarcreek-Unstable fill	80	Mountain slopes	No	—	Webster	7.0	—
Ch: Chavies fine sandy loam, moist, 0 to 3 percent slopes, rarely flooded	Chavies-Moist	80-90	Stream terraces	No	—	Webster	365.4	0.1
	Atkins-Moist	0-10	Flood plains	Yes	2,3			
ClB: Clifftop channery silt loam, 3 to 8 percent slopes	Clifftop	80	Ridges	No	—	Webster	6.3	—
ClC: Clifftop channery silt loam, 8 to 15 percent slopes	Clifftop	80	Ridges	No	—	Webster	190.1	—
ClD: Clifftop channery silt loam, 15 to 25 percent slopes	Clifftop	80	Ridges	No	—	Webster	81.1	—
ClE: Clifftop channery silt loam, 25 to 35 percent slopes	Clifftop	75	Ridges	No	—	Webster	4.4	—
ClF: Clifftop channery silt loam, 35 to 70 percent slopes	Clifftop	75	Ridges	No	—	Webster	51.1	—
CnC: Clifftop channery silt loam, 3 to 15 percent slopes, very stony	Clifftop	75	Ridges	No	—	Webster	276.9	—
CnF: Clifftop channery silt loam, 35 to 70 percent slopes, very stony	Clifftop	75	Mountain slopes	No	—	Webster	57.0	—
CpE: Clifftop-Dekalb complex, 15 to 35 percent slopes, extremely stony	Clifftop	55	Mountain slopes	No	—	Webster	1.1	—
	Dekalb	35	Mountain slopes	No	—			
CSF: Clifftop-Laidig association, very steep, extremely stony	Clifftop	45	Mountain slopes	No	—	Webster	784.4	—
	Laidig	35	Mountain slopes	No	—			
CtB: Cotaco silt loam, 3 to 8 percent slopes	Cotaco	70	Terraces,streams	No	—	Webster	39.0	—
Cv: Craigsville gravelly loam, 0 to 5 percent slopes	Craigsville	85	Alluvial fans,flood plains	No	—	Webster	6.2	—
DrF: Dekalb-Rock outcrop complex, 35 to 70 percent slopes, extremely stony	Dekalb	60	Mountain slopes,ridges	No	—	Webster	822.0	—
	Rock outcrop	15	—	No	—			
GbB: Gilpin silt loam, 3 to 8 percent slopes	Gilpin	80	Mountain slopes,ridges	No	—	Webster	3.4	—
GbC: Gilpin silt loam, 8 to 15 percent slopes	Gilpin	80	Mountain slopes,mountain slopes,ridges	No	—	Webster	111.4	—
GbE: Gilpin silt loam, 25 to 35 percent slopes	Gilpin	80	Hillslopes,mountain slopes,mountain slopes,ridges	No	—	Webster	1.2	—
GcC: Gilpin silt loam, 3 to 15 percent slopes, very stony	Gilpin	80	Hillslopes,mountain slopes,ridges	No	—	Webster	206.7	5
GcF: Gilpin silt loam, 35 to 70 percent slopes, very stony	Gilpin	80	Hillslopes,mountain slopes,ridges	No	—	Webster	2.9	—
GdE: Gilpin-Dekalb complex, 15 to 35 percent slopes, extremely stony	Gilpin	55	Ridges,mountain slopes	No	—	Webster	324.6	4.7
	Dekalb	35	Mountain slopes,ridges	No	—			
HiF: Highsplint channery silt loam, moist, 35 to 70 percent slopes, extremely stony	Highsplint-Moist	45-75	Hillslopes	No	—	Webster	1,211.8	—
KaF: Kaymine very channery silt loam, very steep, extremely stony	Kaymine-Unstable fill	75	Mountain slopes	No	—	Webster	823.4	—
LaDm: Laidig channery silt loam, moist, 15 to 25 percent slopes	Laidig-Moist	75	Mountain slopes	No	—	Webster	4.7	—
	Andover-Moist	5	Saddles	Yes	2			
LdCm: Laidig channery silt loam, moist, 3 to 15 percent slopes, extremely stony	Laidig-Moist	80	Coves,mountain slopes	No	—	Webster	69.0	—
	Andover-Moist	4	Saddles	Yes	2			
LdEm: Laidig channery silt loam, moist, 15 to 35 percent slopes, extremely stony	Laidig-Moist	80	Mountain slopes	No	—	Webster	1,067.9	5.3
	Andover-Moist	4	Saddles	Yes	2			
LgEm: Laidig channery silt loam, moist, 8 to 35 percent slopes, rubbly	Laidig-Moist	75	Mountain slopes	No	—	Webster	1.4	—
	Andover-Moist	4	Saddles	Yes	2			
MkE: Meckesville silt loam, 15 to 35 percent slopes, extremely stony	Meckesville	85	Mountain slopes,mountain slopes	No	—	Webster	508.7	—

PLF: Pineville-Gilpin-Guyandotte association, very steep, extremely stony	Pineville	35	Coves,mountain slopes	No	—	Webster	8,958.6	11.7
	Gilpin	25	Mountain slopes,ridges	No	—			
	Guyandotte	15	Coves,mountain slopes	No	—			
Po: Pope loam, moist, 0 to 3 percent slopes, occasionally flooded	Pope-Moist	80-90	Flood plains	No	—	Webster	115.7	—
	Atkins-Moist	1-11	Flood plains	Yes	2,3			
Pp: Pope-Potomac complex, very cobbly	Pope	46	Flood plains	No	—	Webster	72.3	—
	Potomac	44	Flood plains	No	—			
ScF: Shouns-Cateache complex, 35 to 70 percent slopes, extremely stony	Shouns	53	Mountain slopes	No	—	Webster	1,325.8	—
	Cateache	37	Mountain slopes,ridges	No	—			
Ud: Udorthents, smoothed	Udorthents	80	—	No	—	Webster	4.0	—
W: Water	Water	100	—	No	—	Webster	275.3	—

Data Source Information

Soil Survey Area: Webster County, West Virginia

Survey Area Data: Version 17, Sep 13, 2021

Upper Sutton Lake-Elk Run

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Upper Sutton (Acres)	Project Area (Acres)
AgB: Allegheny loam, 3 to 8 percent slopes	Allegheny	75-100	Stream terraces	No	—	Braxton	84.2	—
BuE: Buchanan gravelly loam, moist, 15 to 35 percent slopes, extremely stony	Buchanan-Moist	70-80	Hillslopes	No	—	Braxton	1,565.4	1.1
Ch: Chavies fine sandy loam, moist, 0 to 3 percent slopes, rarely flooded	Chavies-Moist	80-90	Stream terraces	No	—	Webster	55.9	2.6
	Atkins-Moist	0-10	Flood plains	Yes	2,3			
Ch: Chavies fine sandy loam, rarely flooded	Chavies	85	Terraces	No	—	Braxton	102.5	—
Cr: Craigsville gravelly sandy loam	Craigsville	85	Flood plains	No	—	Braxton	63.9	—
DrF: Dekalb-Rock outcrop complex, 35 to 70 percent slopes, extremely stony	Dekalb	60	Mountain slopes,ridges	No	—	Webster	523.2	10.1
	Rock outcrop	15	—	No	—			
GaF: Gilpin silt loam, 35 to 70 percent slopes, very stony	Gilpin	70-80	Hillslopes	No	—	Braxton	1,324.4	—
GbD: Gilpin silt loam, 15 to 25 percent slopes	Gilpin	80	— error in exists on —	No	—	Webster	5.3	—
GbE: Gilpin silt loam, 25 to 35 percent slopes	Gilpin	80	Hillslopes,mountain slopes,mountain slopes,ridges	No	—	Webster	24.5	—
GcC: Gilpin silt loam, 3 to 15 percent slopes, very stony	Gilpin	80	Hillslopes,mountain slopes,ridges	No	—	Webster	174.4	8.5
GdE: Gilpin-Dekalb complex, 15 to 35 percent slopes, extremely stony	Gilpin	55	Ridges,mountain slopes	No	—	Webster	479.3	35.4
	Dekalb	35	Mountain slopes,ridges	No	—			
GlC: Gilpin-Lily complex, 8 to 15 percent slopes	Gilpin	40	Hillslopes	No	—	Braxton	48.9	—
	Lily	35	Ridges	No	—			
GlD: Gilpin-Lily complex, 15 to 25 percent slopes	Gilpin	50	Hillslopes	No	—	Braxton	494.1	—
	Lily	30	Ridges	No	—			
GlE: Gilpin-Lily complex, 25 to 35 percent slopes	Gilpin	60	Hillslopes	No	—	Braxton	9.2	—
	Lily	20	Ridges	No	—			
GuC: Gilpin-Upshur silt loams, 8 to 15 percent slopes	Gilpin	36	Hillslopes	No	—	Braxton	20.9	—
	Upshur	34	Ridges	No	—			
GuD: Gilpin-Upshur silt loams, 15 to 25 percent slopes	Gilpin	45	Hillslopes	No	—	Braxton	60.4	—
	Upshur	30	Ridges	No	—			
GuE: Gilpin-Upshur silt loams, 25 to 35 percent slopes	Gilpin	36	Hillslopes	No	—	Braxton	32.6	—
	Upshur	34	Ridges	No	—			
GZF: Gilpin-Pineville association, very steep, extremely stony	Gilpin	50	Hillslopes	No	—	Braxton	1,819.7	—
	Pineville	25	Hillsides	No	—			
LdCm: Laidig channery silt loam, moist, 3 to 15 percent slopes, extremely stony	Laidig-Moist	80	Coves,mountain slopes	No	—	Webster	93.0	0.6
	Andover-Moist	4	Saddles	Yes	2			
LdEm: Laidig channery silt loam, moist, 15 to 35 percent slopes, extremely stony	Laidig-Moist	80	Mountain slopes	No	—	Webster	325.5	3.7
	Andover-Moist	4	Saddles	Yes	2			
PLF: Pineville-Gilpin-Guyandotte association, very steep, extremely stony	Pineville	35	Coves,mountain slopes	No	—	Webster	4,310.1	38.0
	Gilpin	25	Mountain slopes,ridges	No	—			
	Guyandotte	15	Coves,mountain slopes	No	—			
Po: Pope sandy loam, 0 to 3 percent slopes, occasionally flooded	Pope	80-90	Flood plains	No	—	Braxton	34.4	—
Po: Pope loam, moist, 0 to 3 percent slopes, occasionally flooded	Pope-Moist	80-90	Flood plains	No	—	Webster	28.7	—
	Atkins-Moist	1-11	Flood plains	Yes	2,3			

Pp: Pope-Potomac complex, very cobbly	Pope	46	Flood plains	No	—	Webster	3.8	—
	Potomac	44	Flood plains	No	—			
Ud: Udorthents, smoothed	Udorthents	80	—	No	—	Braxton	15.1	—
W: Water	Water	100	—	No	—	Webster	62.9	0.3
W: Water	Water	100	—	No	—	Braxton	286.5	—

Data Source Information

Soil Survey Area: Braxton County Area, Main Part, West Virginia
Survey Area Data: Version 16, Sep 13, 2021
Soil Survey Area: Webster County, West Virginia
Survey Area Data: Version 17, Sep 13, 2021

Outlet Laurel Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Outlet Laurel Creek (Acres)	Project Area (Acres)
At: Atkins loam, moist, 0 to 3 percent slopes, frequently flooded	*Atkins-Moist*	*80-90*	*Flood plains*	*Yes*	*2*	*Webster*	*4.6*	—
BuE: Buchanan gravelly loam, moist, 15 to 35 percent slopes, extremely stony	Buchanan-Moist	70-80	Hillslopes	No	—	Braxton	1,166.2	—
Ch: Chavies fine sandy loam, rarely flooded	Chavies	85	Terraces	No	—	Braxton	13.1	—
Ch: Chavies fine sandy loam, moist, 0 to 3 percent slopes, rarely flooded	Chavies-Moist	80-90	Stream terraces	No	—	Webster	62.4	—
	Atkins-Moist	0-10	Flood plains	Yes	2,3			
Cr: Craigsville gravelly sandy loam	Craigsville	85	Flood plains	No	—	Braxton	87.0	—
CtB: Cotaco silt loam, 3 to 8 percent slopes	Cotaco	70	Terraces,streams	No	—	Webster	59.9	—
Cv: Craigsville gravelly loam, 0 to 5 percent slopes	Craigsville	85	Alluvial fans,flood plains	No	—	Webster	87.2	6
DrF: Dekalb-Rock outcrop complex, 35 to 70 percent slopes, extremely stony	Dekalb	60	Mountain slopes,ridges	No	—	Webster	1,283.9	7.5
	Rock outcrop	15	—	No	—			
GaF: Gilpin silt loam, 35 to 70 percent slopes, very stony	Gilpin	70-80	Hillslopes	No	—	Braxton	2,847.7	—
GbC: Gilpin silt loam, 8 to 15 percent slopes	Gilpin	80	Mountain slopes,mountain slopes,ridges	No	—	Webster	409.3	—
GbD: Gilpin silt loam, 15 to 25 percent slopes	Gilpin	80	— error in exists on —	No	—	Webster	16.1	—
GbE: Gilpin silt loam, 25 to 35 percent slopes	Gilpin	80	Hillslopes,mountain slopes,mountain slopes,ridges	No	—	Webster	56.9	—
GcC: Gilpin silt loam, 3 to 15 percent slopes, very stony	Gilpin	80	Hillslopes,mountain slopes,ridges	No	—	Webster	490.1	29.6
GcF: Gilpin silt loam, 35 to 70 percent slopes, very stony	Gilpin	80	Hillslopes,mountain slopes,ridges	No	—	Webster	1,478.5	—
GdE: Gilpin-Dekalb complex, 15 to 35 percent slopes, extremely stony	Gilpin	55	Ridges,mountain slopes	No	—	Webster	1,273.0	32.8
	Dekalb	35	Mountain slopes,ridges	No	—			
GlC: Gilpin-Lily complex, 8 to 15 percent slopes	Gilpin	40	Hillslopes	No	—	Braxton	25.4	—
	Lily	35	Ridges	No	—			
GlD: Gilpin-Lily complex, 15 to 25 percent slopes	Gilpin	50	Hillslopes	No	—	Braxton	641.0	—
	Lily	30	Ridges	No	—			
GlE: Gilpin-Lily complex, 25 to 35 percent slopes	Gilpin	60	Hillslopes	No	—	Braxton	108.1	—
	Lily	20	Ridges	No	—			
GZF: Gilpin-Pineville association, very steep, extremely stony	Gilpin	50	Hillslopes	No	—	Braxton	321.6	—
	Pineville	25	Hillsides	No	—			
ItF: Itmann channery loam, very steep	Itmann-Unstable fill	80	Mountain slopes	No	—	Webster	82.2	—
LaCm: Laidig channery silt loam, moist, 8 to 15 percent slopes	Laidig-Moist	75	Mountain slopes	No	—	Webster	81.0	—
	Andover-Moist	5	Saddles	Yes	2			
LaDm: Laidig channery silt loam, moist, 15 to 25 percent slopes	Laidig-Moist	75	Mountain slopes	No	—	Webster	5.4	—
	Andover-Moist	5	Saddles	Yes	2			
LdCm: Laidig channery silt loam, moist, 3 to 15 percent slopes, extremely stony	Laidig-Moist	80	Coves,mountain slopes	No	—	Webster	14.6	—
	Andover-Moist	4	Saddles	Yes	2			
LdEm: Laidig channery silt loam, moist, 15 to 35 percent slopes, extremely stony	Laidig-Moist	80	Mountain slopes	No	—	Webster	704.0	—
	Andover-Moist	4	Saddles	Yes	2			
Pe: Philo-Pope complex, moist, 0 to 3 percent slopes, occasionally flooded	Philo-Moist	45-55	Flood plains	No	—	Webster	21.9	—
	Pope-Moist	30-40	Flood plains	No	—			
	Atkins-Moist	0-15	Flood plains	Yes	2			
PLF: Pineville-Gilpin-Guyandotte association, very steep, extremely stony	Pineville	35	Coves,mountain slopes	No	—	Webster	10,925.7	42.3
	Gilpin	25	Mountain slopes,ridges	No	—			
	Guyandotte	15	Coves,mountain slopes	No	—			

Po: Pope loam, moist, 0 to 3 percent slopes, occasionally flooded	Pope-Moist	80-90	Flood plains	No	—	Webster	311.2	—
	Atkins-Moist	1-11	Flood plains	Yes	2,3			
Pp: Pope-Potomac complex, very cobbly	Pope	46	Flood plains	No	—	Webster	432.9	—
	Potomac	44	Flood plains	No	—			
Ud: Udorthents, smoothed	Udorthents	80	—	No	—	Braxton	272.2	—
Ud: Udorthents, smoothed	Udorthents	80	—	No	—	Webster	263.0	—
W: Water	Water	100	—	No	—	Braxton	1.4	—

Data Source Information

Soil Survey Area: Braxton County Area, Main Part, West Virginia
Survey Area Data: Version 16, Sep 13, 2021
Soil Survey Area: Webster County, West Virginia
Survey Area Data: Version 17, Sep 13, 2021

Headwater Laurel Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Headwaters Laurel Creek (Acres)	Project Area (Acres)
At: Atkins loam, moist, 0 to 3 percent slopes, frequently flooded	*Atkins-Moist*	*80-90*	*Flood plains*	*Yes*	*2*	*Webster*	*52.4*	*0.9*
Ch: Chavies fine sandy loam, moist, 0 to 3 percent slopes, rarely flooded	Chavies-Moist	80-90	Stream terraces	No	—	Webster	64.8	0.9
	Atkins-Moist	0-10	Flood plains	Yes	2,3			
ClB: Clifftop channery silt loam, 3 to 8 percent slopes	Clifftop	80	Ridges	No	—	Webster	85.9	—
ClC: Clifftop channery silt loam, 8 to 15 percent slopes	Clifftop	80	Ridges	No	—	Webster	250.9	—
ClD: Clifftop channery silt loam, 15 to 25 percent slopes	Clifftop	80	Ridges	No	—	Webster	325.7	8.7
ClE: Clifftop channery silt loam, 25 to 35 percent slopes	Clifftop	75	Ridges	No	—	Webster	561.5	4.2
CnC: Clifftop channery silt loam, 3 to 15 percent slopes, very stony	Clifftop	75	Ridges	No	—	Webster	105.1	—
CSF: Clifftop-Laidig association, very steep, extremely stony	Clifftop	45	Mountain slopes	No	—	Webster	0.0	—
	Laidig	35	Mountain slopes	No	—			
CtB: Cotaco silt loam, 3 to 8 percent slopes	Cotaco	70	Terraces,streams	No	—	Webster	164.6	0.7
Cv: Craigsville gravelly loam, 0 to 5 percent slopes	Craigsville	85	Alluvial fans,flood plains	No	—	Webster	81.7	—
DrF: Dekalb-Rock outcrop complex, 35 to 70 percent slopes, extremely stony	Dekalb	60	Mountain slopes,ridges	No	—	Webster	329.4	8.5
	Rock outcrop	15	—	No	—			
Ek: Elkins silt loam	*Elkins*	*80*	*Flood plains*	*Yes*	*2*	*Webster*	*60.6*	—
GbD: Gilpin silt loam, 15 to 25 percent slopes	Gilpin	80	— error in exists on —	No	—	Webster	40.2	0.6
GbE: Gilpin silt loam, 25 to 35 percent slopes	Gilpin	80	Hillslopes,mountain slopes,mountain slopes,ridges	No	—	Webster	84.7	—
GbF: Gilpin silt loam, 35 to 70 percent slopes	Gilpin	80	Mountain slopes,ridges	No	—	Webster	59.1	—
GcC: Gilpin silt loam, 3 to 15 percent slopes, very stony	Gilpin	80	Hillslopes,mountain slopes,ridges	No	—	Webster	242.9	3.9
GdE: Gilpin-Dekalb complex, 15 to 35 percent slopes, extremely stony	Gilpin	55	Ridges,mountain slopes	No	—	Webster	70.4	1.8
	Dekalb	35	Mountain slopes,ridges	No	—			
HiF: Highsplint channery silt loam, moist, 35 to 70 percent slopes, extremely stony	Highsplint-Moist	45-75	Hillslopes	No	—	Webster	1,617.2	16.2
HLE: Highsplint-Laidig complex, moist, 15 to 35 percent slopes, extremely stony	Highsplint-Moist	35-55	Hillslopes	No	—	Webster	267.5	—
	Laidig-Moist	7-35	Hillslopes	No	—			
KaF: Kaymine very channery silt loam, very steep, extremely stony	Kaymine-Unstable fill	75	Mountain slopes	No	—	Webster	1,752.4	—
LaCm: Laidig channery silt loam, moist, 8 to 15 percent slopes	Laidig-Moist	75	Mountain slopes	No	—	Webster	144.7	0.5
	Andover-Moist	5	Saddles	Yes	2			
LaDm: Laidig channery silt loam, moist, 15 to 25 percent slopes	Laidig-Moist	75	Mountain slopes	No	—	Webster	213.8	—
	Andover-Moist	5	Saddles	Yes	2			
LdCm: Laidig channery silt loam, moist, 3 to 15 percent slopes, extremely stony	Laidig-Moist	80	Coves,mountain slopes	No	—	Webster	18.6	—
	Andover-Moist	4	Saddles	Yes	2			
LdEm: Laidig channery silt loam, moist, 15 to 35 percent slopes, extremely stony	Laidig-Moist	80	Mountain slopes	No	—	Webster	620.0	3.5
	Andover-Moist	4	Saddles	Yes	2			
Pe: Philo-Pope complex, moist, 0 to 3 percent slopes, occasionally flooded	Philo-Moist	45-55	Flood plains	No	—	Webster	313.4	3
	Pope-Moist	30-40	Flood plains	No	—			
	Atkins-Moist	0-15	Flood plains	Yes	2			
PLF: Pineville-Gilpin-Guyandotte association, very steep, extremely stony	Pineville	35	Coves,mountain slopes	No	—	Webster	11,352.9	72.1
	Gilpin	25	Mountain slopes,ridges	No	—			
	Guyandotte	15	Coves,mountain slopes	No	—			

Po: Pope loam, moist, 0 to 3 percent slopes, occasionally flooded	Pope-Moist	80-90	Flood plains	No	—	Webster	62.6	1
	Atkins-Moist	1-11	Flood plains	Yes	2,3			
Pp: Pope-Potomac complex, very cobbly	Pope	46	Flood plains	No	—	Webster	127.4	—
	Potomac	44	Flood plains	No	—			
Ud: Udorthents, smoothed	Udorthents	80	—	No	—	Webster	44.5	—
W: Water	Water	100	—	No	—	Webster	2.1	—

Data Source Information

Soil Survey Area: Webster County, West Virginia
Survey Area Data: Version 17, Sep 13, 2021

Upper Birch River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Upper Birch River (Acres)	Project Area (Acres)
At: Atkins loam, moist, 0 to 3 percent slopes, frequently flooded	*Atkins-Moist*	*80-90*	*Flood plains*	*Yes*	*2*	*Webster*	*56.4*	*1.7*
BuB: Buchanan loam, moist, 3 to 8 percent slopes	*Buchanan-Moist*	*80-90*	*Hillslopes,mountain slopes*	*No*	—	*Nicholas*	*9.4*	—
	Andover-Moist	*1-7*	*Mountain slopes*	*Yes*	*2*			
BuC: Buchanan loam, moist, 8 to 15 percent slopes	Buchanan-Moist	75-85	Hillslopes,mountain slopes	No	—	Nicholas	19.0	—
	Andover-Moist	1-7	Mountain slopes	Yes	2			
BuD: Buchanan loam, moist, 15 to 25 percent slopes	Buchanan-Moist	75-85	Mountain slopes	No	—	Nicholas	3.4	—
BvE: Buchanan gravelly sandy loam, moist, 15 to 35 percent slopes, extremely stony	Buchanan-Moist	65-80	Hillslopes,mountain slopes	No	—	Nicholas	2,501.8	—
CeF: Cedarcreek channery loam, very steep, extremely stony	Cedarcreek	60	Mountain slopes	No	—	Nicholas	427.0	—
CeF: Cedarcreek very channery loam, very steep, extremely stony	Cedarcreek-Unstable fill	80	Mountain slopes	No	—	Webster	172.8	—
Ch: Chavies fine sandy loam, moist, 0 to 3 percent slopes, rarely flooded	Chavies-Moist	80-90	Stream terraces	No	—	Webster	17.4	—
	Atkins-Moist	0-10	Flood plains	Yes	2,3			
ChB: Chavies fine sandy loam, moist, 3 to 8 percent slopes, rarely flooded	Chavies-Moist	75-85	Stream terraces	No	—	Nicholas	62.6	—
ClB: Clifftop channery silt loam, 3 to 8 percent slopes	Clifftop	80	Ridges	No	—	Webster	22.0	—
ClC: Clifftop channery silt loam, 8 to 15 percent slopes	Clifftop	80	Ridges	No	—	Nicholas	9.1	—
ClC: Clifftop channery silt loam, 8 to 15 percent slopes	Clifftop	80	Ridges	No	—	Webster	195.4	1.3
ClD: Clifftop channery silt loam, 15 to 25 percent slopes	Clifftop	80	Ridges	No	—	Webster	111.4	8.4
ClE: Clifftop channery silt loam, 25 to 35 percent slopes	Clifftop	75	Ridges	No	—	Webster	931.4	23.6
ClF: Clifftop channery silt loam, 35 to 70 percent slopes	Clifftop	75	Ridges	No	—	Webster	15.5	—
CnC: Clifftop channery silt loam, 3 to 15 percent slopes, very stony	Clifftop	75	Ridges	No	—	Nicholas	79.1	—
CnC: Clifftop channery silt loam, 3 to 15 percent slopes, very stony	Clifftop	75	Ridges	No	—	Webster	7.5	—
CnF: Clifftop channery silt loam, 35 to 70 percent slopes, very stony	Clifftop	75	Mountain slopes	No	—	Webster	71.9	—
CtB: Cotaco silt loam, 3 to 8 percent slopes	Cotaco	70	Terraces,streams	No	—	Webster	71.4	2.2
Cv: Craigsville gravelly sandy loam, 0 to 5 percent slopes	Craigsville	85	Flood plains	No	—	Nicholas	329.7	—
Cv: Craigsville gravelly loam, 0 to 5 percent slopes	Craigsville	85	Alluvial fans,flood plains	No	—	Webster	54.9	—
DeC: Dekalb channery sandy loam, 3 to 15 percent slopes, extremely stony	Dekalb	75	Ridges	No	—	Nicholas	27.1	—
DeE: Dekalb channery sandy loam, 15 to 35 percent slopes, extremely stony	Dekalb	75	Ridges	No	—	Nicholas	123.1	—
DeF: Dekalb channery sandy loam, 35 to 70 percent slopes, extremely stony	Dekalb	80	Ridges	No	—	Nicholas	2,414.6	—
DrF: Dekalb-Rock outcrop complex, 35 to 70 percent slopes, extremely stony	Dekalb	60	Mountain slopes,ridges	No	—	Webster	828.5	—
	Rock outcrop	15	—	No	—			
FeC: Fenwick silt loam, 8 to 15 percent slopes	Fenwick	85	Ridges	No	—	Nicholas	7.7	—
FeC: Fenwick loam, 3 to 15 percent slopes, very stony	Fenwick	80	Mountain slopes,ridges	No	—	Webster	2.6	—
GbC: Gilpin silt loam, 8 to 15 percent slopes	Gilpin	80	Mountain slopes,mountain slopes,ridges	No	—	Webster	933.7	—
GbD: Gilpin silt loam, 15 to 25 percent slopes	Gilpin	80	— error in exists on —	No	—	Webster	124.2	6.7
GbE: Gilpin silt loam, 25 to 35 percent slopes	Gilpin	80	Hillslopes,mountain slopes,mountain slopes,ridges	No	—	Webster	15.9	—
GcC: Gilpin silt loam, 3 to 15 percent slopes, very stony	Gilpin	80	Hillslopes,mountain slopes,ridges	No	—	Webster	40.2	—

GdE: Gilpin-Dekalb complex, 15 to 35 percent slopes, extremely stony	Gilpin	55	Ridges,mountain slopes	No	—	Webster	13.1	—
	Dekalb	35	Mountain slopes,ridges	No	—			
GlB: Gilpin silt loam, 3 to 8 percent slopes	Gilpin	75	Mountain slopes	No	—	Nicholas	5.1	—
GlC: Gilpin-Lily complex, 8 to 15 percent slopes	Gilpin	40	Hillslopes	No	—	Braxton	0.4	—
	Lily	35	Ridges	No	—			
GlC: Gilpin silt loam, 8 to 15 percent slopes	Gilpin	75	Mountain slopes	No	—	Nicholas	165.4	—
GlD: Gilpin silt loam, 15 to 25 percent slopes	Gilpin	75	Mountain slopes	No	—	Nicholas	305.9	—
GlE: Gilpin silt loam, 25 to 35 percent slopes	Gilpin	75	Mountain slopes	No	—	Nicholas	70.5	—
GnE: Gilpin silt loam, 15 to 35 percent slopes, very stony	Gilpin	75	Mountain slopes	No	—	Nicholas	79.2	—
GnF: Gilpin silt loam, 35 to 70 percent slopes, very stony	Gilpin	70	Mountain slopes	No	—	Nicholas	48.6	—
GPF: Gilpin-Pineville-Guyandotte association, very steep, extremely stony	Gilpin	40	Mountain slopes	No	—	Nicholas	6,621.0	—
	Pineville	30	Coves,mountain slopes	No	—			
	Guyandotte	15	Coves,mountain slopes	No	—			
HiF: Highsplint channery silt loam, moist, 35 to 70 percent slopes, extremely stony	Highsplint-Moist	45-75	Hillslopes	No	—	Webster	1,576.3	31.4
ItF: Itmann channery loam, very steep	Itmann-Unstable fill	80	Mountain slopes	No	—	Webster	12.3	—
KaF: Kaymine channery loam, very steep, extremely stony	Kaymine-Unstable fill	60	Mountain slopes	No	—	Nicholas	129.9	—
KaF: Kaymine very channery silt loam, very steep, extremely stony	Kaymine-Unstable fill	75	Mountain slopes	No	—	Webster	10.3	—
LaCm: Laidig channery silt loam, moist, 8 to 15 percent slopes	Laidig-Moist	75	Mountain slopes	No	—	Webster	16.4	1.7
	Andover-Moist	5	Saddles	Yes	2			
LdEm: Laidig channery silt loam, moist, 15 to 35 percent slopes, extremely stony	Laidig-Moist	80	Mountain slopes	No	—	Webster	129.3	—
	Andover-Moist	4	Saddles	Yes	2			
LlC: Lily loam, moist, 8 to 15 percent slopes	Lily-Moist	75-85	Hillslopes	No	—	Nicholas	555.5	—
LlC: Lily loam, 8 to 15 percent slopes	Lily	75	Ridges	No	—	Webster	57.0	—
LlD: Lily loam, 15 to 25 percent slopes	Lily	75	Ridges	No	—	Nicholas	928.4	—
LlE: Lily loam, 25 to 35 percent slopes	Lily	75	Ridges	No	—	Nicholas	45.4	—
LlE: Lily loam, 25 to 35 percent slopes	Lily	75	Ridges	No	—	Webster	2.8	—
MoB: Monongahela silt loam, moist, 3 to 8 percent slopes	Monongahela-Moist	80-90	Stream terraces	No	—	Nicholas	14.7	—
PLF: Pineville-Gilpin-Guyandotte association, very steep, extremely stony	Pineville	35	Coves,mountain slopes	No	—	Webster	9,920.2	8.8
	Gilpin	25	Mountain slopes,ridges	No	—			
	Guyandotte	15	Coves,mountain slopes	No	—			
Po: Pope loam, moist, 0 to 3 percent slopes, occasionally flooded	Pope-Moist	80-90	Flood plains	No	—	Webster	212.4	—
	Atkins-Moist	1-11	Flood plains	Yes	2,3			
Pp: Pope-Potomac complex, very cobbly	Pope	46	Flood plains	No	—	Webster	369.7	0.1
	Potomac	44	Flood plains	No	—			
Pr: Pope-Craigsville complex	Pope	50	Flood plains	No	—	Nicholas	41.2	—
	Craigsville	35	Flood plains	No	—			
Ud: Udorthents, smoothed	Udorthents	80	—	No	—	Braxton	0.2	—
Ud: Udorthents, smoothed	Udorthents	85	Mountain slopes	No	—	Nicholas	35.6	—
Ud: Udorthents, smoothed	Udorthents	80	—	No	—	Webster	4.4	—
W: Water	Water	100	—	No	—	Nicholas	36.4	—
W: Water	Water	100	—	No	—	Webster	4.6	—

Data Source Information

Soil Survey Area: Braxton County Area, Main Part, West Virginia
Survey Area Data: Version 16, Sep 13, 2021
Soil Survey Area: Nicholas County, West Virginia
Survey Area Data: Version 10, Sep 13, 2021
Soil Survey Area: Webster County, West Virginia
Survey Area Data: Version 17, Sep 13, 2021

Big Laurel Creek-Gauley River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Big Laurel Creek-Gauley River (Acres)	Project Area (Acres)
At: Atkins loam, moist, 0 to 3 percent slopes, frequently flooded	Atkins-Moist	80-90	Flood plains	Yes	2	Webster	57.1	—
BuB: Buchanan loam, moist, 3 to 8 percent slopes	Buchanan-Moist	80-90	Hillslopes,mountain slopes	No	—	Nicholas	54.2	—
	Andover-Moist	1-7	Mountain slopes	Yes	2			
BuC: Buchanan loam, moist, 8 to 15 percent slopes	Buchanan-Moist	75-85	Hillslopes,mountain slopes	No	—	Nicholas	306.2	0.8
	Andover-Moist	1-7	Mountain slopes	Yes	2			
BuD: Buchanan loam, moist, 15 to 25 percent slopes	Buchanan-Moist	75-85	Mountain slopes	No	—	Nicholas	26.8	0.8
BvC: Buchanan gravelly sandy loam, moist, 8 to 15 percent slopes, extremely stony	Buchanan-Moist	65-80	Hillslopes,mountain slopes	No	—	Nicholas	190.4	—
	Andover-Moist	1-7	Hillslopes,mountain slopes	Yes	2			
BvE: Buchanan gravelly sandy loam, moist, 15 to 35 percent slopes, extremely stony	Buchanan-Moist	65-80	Hillslopes,mountain slopes	No	—	Nicholas	2,208.8	—
Ch: Chavies fine sandy loam, moist, 0 to 3 percent slopes, rarely flooded	Chavies-Moist	80-90	Stream terraces	No	—	Webster	206.5	—
	Atkins-Moist	0-10	Flood plains	Yes	2,3			
ChB: Chavies fine sandy loam, moist, 3 to 8 percent slopes, rarely flooded	Chavies-Moist	75-85	Stream terraces	No	—	Nicholas	48.9	—
ClB: Clifftop channery silt loam, 3 to 8 percent slopes	Clifftop	80	Ridges	No	—	Nicholas	245.1	—
ClB: Clifftop channery silt loam, 3 to 8 percent slopes	Clifftop	80	Ridges	No	—	Webster	173.7	—
ClC: Clifftop channery silt loam, 8 to 15 percent slopes	Clifftop	80	Ridges	No	—	Nicholas	1,185.3	19.8
ClC: Clifftop channery silt loam, 8 to 15 percent slopes	Clifftop	80	Ridges	No	—	Webster	2,045.0	14.9
ClD: Clifftop channery silt loam, 15 to 25 percent slopes	Clifftop	80	Ridges	No	—	Nicholas	212.8	1.7
ClD: Clifftop channery silt loam, 15 to 25 percent slopes	Clifftop	80	Ridges	No	—	Webster	705.7	2.1
ClE: Clifftop channery silt loam, 25 to 35 percent slopes	Clifftop	75	Ridges	No	—	Nicholas	1,209.3	16.4
ClE: Clifftop channery silt loam, 25 to 35 percent slopes	Clifftop	75	Ridges	No	—	Webster	3,119.4	13.2
ClF: Clifftop channery silt loam, 35 to 70 percent slopes	Clifftop	75	Ridges	No	—	Nicholas	6.9	—
ClF: Clifftop channery silt loam, 35 to 70 percent slopes	Clifftop	75	Ridges	No	—	Webster	4.0	—
CnC: Clifftop channery silt loam, 3 to 15 percent slopes, very stony	Clifftop	75	Ridges	No	—	Nicholas	663.6	—
CnC: Clifftop channery silt loam, 3 to 15 percent slopes, very stony	Clifftop	75	Ridges	No	—	Webster	1,304.3	—
CnE: Clifftop channery silt loam, 15 to 35 percent slopes, very stony	Clifftop	75	Mountain slopes	No	—	Nicholas	738.5	—
CnE: Clifftop channery silt loam, 15 to 35 percent slopes, very stony	Clifftop	75	Mountain slopes	No	—	Webster	46.5	—
CnF: Clifftop channery silt loam, 35 to 70 percent slopes, very stony	Clifftop	75	Mountain slopes	No	—	Nicholas	39.8	—
CnF: Clifftop channery silt loam, 35 to 70 percent slopes, very stony	Clifftop	75	Mountain slopes	No	—	Webster	87.1	—
CoF: Clifftop-Buchanan complex, 35 to 70 percent slopes, extremely stony	Clifftop	60	Mountain slopes	No	—	Nicholas	2,659.2	—
	Buchanan	25	Mountain slopes	No	—			
CpE: Clifftop-Dekalb complex, 15 to 35 percent slopes, extremely stony	Clifftop	55	Mountain slopes	No	—	Nicholas	6.2	—
	Dekalb	35	Mountain slopes	No	—			
CpE: Clifftop-Dekalb complex, 15 to 35 percent slopes, extremely stony	Clifftop	55	Mountain slopes	No	—	Webster	667.7	—
	Dekalb	35	Mountain slopes	No	—			
CSF: Clifftop-Laidig association, very steep, extremely stony	Clifftop	45	Mountain slopes	No	—	Webster	4,522.7	—
	Laidig	35	Mountain slopes	No	—			
CtB: Cotaco silt loam, 3 to 8 percent slopes	Cotaco	80	Terraces	No	—	Nicholas	141.1	2.9
CtB: Cotaco silt loam, 3 to 8 percent slopes	Cotaco	70	Terraces,streams	No	—	Webster	128.9	—
Cv: Craigsville gravelly loam, 0 to 5 percent slopes	Craigsville	85	Alluvial fans,flood plains	No	—	Webster	41.1	—
DeC: Dekalb channery sandy loam, 3 to 15 percent slopes, extremely stony	Dekalb	75	Ridges	No	—	Nicholas	64.9	—
DeE: Dekalb channery sandy loam, 15 to 35 percent slopes, extremely stony	Dekalb	75	Ridges	No	—	Nicholas	457.0	—
DeF: Dekalb channery sandy loam, 35 to 70 percent slopes, extremely stony	Dekalb	80	Ridges	No	—	Nicholas	124.6	—
DkC: Dekalb channery sandy loam, 3 to 15 percent slopes, extremely stony	Dekalb	85	Mountain slopes,ridges	No	—	Webster	45.3	—
DrF: Dekalb-Rock outcrop complex, 35 to 70 percent slopes, extremely stony	Dekalb	60	Mountain slopes,ridges	No	—	Webster	34.9	—
	Rock outcrop	15	—	No	—			
Ed: Elkins silt loam, drained	*Elkins*	*75*	*Flood plains*	*Yes*	*2*	*Nicholas*	*229.2*	*4.7*
Ek: Elkins silt loam	*Elkins*	*80*	*Flood plains*	*Yes*	*2*	*Webster*	*346.2*	—

FeB: Fenwick silt loam, 3 to 8 percent slopes	Fenwick	85	Ridges	No	—	Nicholas	164.7	—
FeC: Fenwick loam, 3 to 15 percent slopes, very stony	Fenwick	80	Mountain slopes,ridges	No	—	Webster	250.4	—
HiF: Highsplint channery silt loam, moist, 35 to 70 percent slopes, extremely stony	Highsplint-Moist	45-75	Hillslopes	No	—	Nicholas	823.8	3
HiF: Highsplint channery silt loam, moist, 35 to 70 percent slopes, extremely stony	Highsplint-Moist	45-75	Hillslopes	No	—	Webster	4,881.2	23.5
HLE: Highsplint-Laidig complex, moist, 15 to 35 percent slopes, extremely stony	Highsplint-Moist	35-55	Hillslopes	No	—	Nicholas	69.0	—
	Laidig-Moist	7-35	Hillslopes	No	—			
HLE: Highsplint-Laidig complex, moist, 15 to 35 percent slopes, extremely stony	Highsplint-Moist	35-55	Hillslopes	No	—	Webster	762.3	—
	Laidig-Moist	7-35	Hillslopes	No	—			
KaB: Kaymine channery loam, 3 to 8 percent slopes, extremely stony	Kaymine-Unstable fill	70	Ridges	No	—	Nicholas	8.4	—
KaF: Kaymine channery loam, very steep, extremely stony	Kaymine-Unstable fill	60	Mountain slopes	No	—	Nicholas	75.4	—
KaF: Kaymine very channery silt loam, very steep, extremely stony	Kaymine-Unstable fill	75	Mountain slopes	No	—	Webster	68.2	4.2
LaCm: Laidig channery silt loam, moist, 8 to 15 percent slopes	Laidig-Moist	75	Mountain slopes	No	—	Webster	116.9	—
	Andover-Moist	5	Saddles	Yes	2			
LaDm: Laidig channery silt loam, moist, 15 to 25 percent slopes	Laidig-Moist	75	Mountain slopes	No	—	Webster	32.1	—
	Andover-Moist	5	Saddles	Yes	2			
LdCm: Laidig channery silt loam, moist, 3 to 15 percent slopes, extremely stony	Laidig-Moist	80	Coves,mountain slopes	No	—	Webster	163.0	0.8
	Andover-Moist	4	Saddles	Yes	2			
LdEm: Laidig channery silt loam, moist, 15 to 35 percent slopes, extremely stony	Laidig-Moist	80	Mountain slopes	No	—	Webster	671.8	—
	Andover-Moist	4	Saddles	Yes	2			
LgEm: Laidig channery silt loam, moist, 8 to 35 percent slopes, rubbly	Laidig-Moist	75	Mountain slopes	No	—	Webster	1,899.4	—
	Andover-Moist	4	Saddles	Yes	2			
LlB: Lily loam, moist, 3 to 8 percent slopes	Lily-Moist	80-90	Hillslopes	No	—	Nicholas	7.9	—
LlC: Lily loam, moist, 8 to 15 percent slopes	Lily-Moist	75-85	Hillslopes	No	—	Nicholas	186.4	—
LlC: Lily loam, 8 to 15 percent slopes	Lily	75	Ridges	No	—	Webster	9.3	—
LlD: Lily loam, 15 to 25 percent slopes	Lily	75	Ridges	No	—	Nicholas	12.8	—
LlE: Lily loam, 25 to 35 percent slopes	Lily	75	Ridges	No	—	Nicholas	20.7	—
Pe: Philo-Pope complex, moist, 0 to 3 percent slopes, occasionally flooded	Philo-Moist	45-55	Flood plains	No	—	Webster	349.5	0.2
	Pope-Moist	30-40	Flood plains	No	—			
	Atkins-Moist	0-15	Flood plains	Yes	2			
PfG: Pineville-Clifftop complex, 55 to 70 percent slopes, extremely stony	Pineville	40	Coves,mountain slopes	No	—	Webster	312.5	—
	Clifftop	35	Mountain slopes	No	—			
PLF: Pineville-Gilpin-Guyandotte association, very steep, extremely stony	Pineville	35	Coves,mountain slopes	No	—	Webster	70.2	—
	Gilpin	25	Mountain slopes,ridges	No	—			
	Guyandotte	15	Coves,mountain slopes	No	—			
Po: Pope loam, moist, 0 to 3 percent slopes, occasionally flooded	Pope-Moist	80-90	Flood plains	No	—	Webster	70.2	—
	Atkins-Moist	1-11	Flood plains	Yes	2,3			
Pp: Pope-Potomac complex, very cobbly	Pope	46	Flood plains	No	—	Webster	78.3	1.7
	Potomac	44	Flood plains	No	—			
Pr: Pope-Craigsville complex	Pope	50	Flood plains	No	—	Nicholas	34.1	0.1
	Craigsville	35	Flood plains	No	—			
Pu: Purdy silt loam, 0 to 5 percent slopes	*Purdy*	*85*	*Terraces*	*Yes*	*2*	*Nicholas*	*62.6*	—
Ud: Udorthents, smoothed	Udorthents	85	Mountain slopes	No	—	Nicholas	66.5	—
Ud: Udorthents, smoothed	Udorthents	80	—	No	—	Webster	211.3	—
W: Water	Water	100	—	No	—	Nicholas	137.2	—
W: Water	Water	100	—	No	—	Webster	249.3	—

Data Source Information

Soil Survey Area: Nicholas County Area, West Virginia
Survey Area Data: Version 10, Sep 13, 2021
Soil Survey Area: Webster County, West Virginia
Survey Area Data: Version 17, Sep 13, 2021

Big Beaver Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Big Beaver Creek (Acres)	Project Area (Acres)
BuB: Buchanan loam, moist, 3 to 8 percent slopes	Buchanan-Moist	80-90	Hillslopes,mountain slopes	No	—	Nicholas	9.8	—
	Andover-Moist	1-7	Mountain slopes	Yes	2			
BuC: Buchanan loam, moist, 8 to 15 percent slopes	Buchanan-Moist	75-85	Hillslopes,mountain slopes	No	—	Nicholas	315.8	—
	Andover-Moist	1-7	Mountain slopes	Yes	2			
BuD: Buchanan loam, moist, 15 to 25 percent slopes	Buchanan-Moist	75-85	Mountain slopes	No	—	Nicholas	26.0	—
BvC: Buchanan gravelly sandy loam, moist, 8 to 15 percent slopes, extremely stony	Buchanan-Moist	65-80	Hillslopes,mountain slopes	No	—	Nicholas	254.5	4
	Andover-Moist	1-7	Hillslopes,mountain slopes	Yes	2			
BvE: Buchanan gravelly sandy loam, moist, 15 to 35 percent slopes, extremely stony	Buchanan-Moist	65-80	Hillslopes,mountain slopes	No	—	Nicholas	500.8	5.3
CeF: Cedarcreek channery loam, very steep, extremely stony	Cedarcreek	60	Mountain slopes	No	—	Nicholas	186.2	—
CeF: Cedarcreek very channery loam, very steep, extremely stony	Cedarcreek-Unstable fill	80	Mountain slopes	No	—	Webster	114.2	—
ClB: Clifftop channery silt loam, 3 to 8 percent slopes	Clifftop	80	Ridges	No	—	Nicholas	415.6	0.1
ClB: Clifftop channery silt loam, 3 to 8 percent slopes	Clifftop	80	Ridges	No	—	Webster	18.8	—
ClC: Clifftop channery silt loam, 8 to 15 percent slopes	Clifftop	80	Ridges	No	—	Nicholas	2,187.6	19.3
ClC: Clifftop channery silt loam, 8 to 15 percent slopes	Clifftop	80	Ridges	No	—	Webster	321.9	—
ClD: Clifftop channery silt loam, 15 to 25 percent slopes	Clifftop	80	Ridges	No	—	Nicholas	677.3	0.1
ClD: Clifftop channery silt loam, 15 to 25 percent slopes	Clifftop	80	Ridges	No	—	Webster	33.1	—
ClE: Clifftop channery silt loam, 25 to 35 percent slopes	Clifftop	75	Ridges	No	—	Nicholas	3,160.5	2.6
ClE: Clifftop channery silt loam, 25 to 35 percent slopes	Clifftop	75	Ridges	No	—	Webster	347.7	—
ClF: Clifftop channery silt loam, 35 to 70 percent slopes	Clifftop	75	Ridges	No	—	Nicholas	11.4	—
ClF: Clifftop channery silt loam, 35 to 70 percent slopes	Clifftop	75	Ridges	No	—	Webster	142.3	—
CnC: Clifftop channery silt loam, 3 to 15 percent slopes, very stony	Clifftop	75	Ridges	No	—	Nicholas	30.4	—
CnC: Clifftop channery silt loam, 3 to 15 percent slopes, very stony	Clifftop	75	Ridges	No	—	Webster	77.0	—
CnE: Clifftop channery silt loam, 15 to 35 percent slopes, very stony	Clifftop	75	Mountain slopes	No	—	Nicholas	675.7	8.7
CnF: Clifftop channery silt loam, 35 to 70 percent slopes, very stony	Clifftop	75	Mountain slopes	No	—	Nicholas	1,103.3	0.3
CnF: Clifftop channery silt loam, 35 to 70 percent slopes, very stony	Clifftop	75	Mountain slopes	No	—	Webster	1,320.3	—
CoF: Clifftop-Buchanan complex, 35 to 70 percent slopes, extremely stony	Clifftop	60	Mountain slopes	No	—	Nicholas	699.8	4.6
	Buchanan	25	Mountain slopes	No	—			
CpE: Clifftop-Dekalb complex, 15 to 35 percent slopes, extremely stony	Clifftop	55	Mountain slopes	No	—	Webster	655.9	—
	Dekalb	35	Mountain slopes	No	—			
CtB: Cotaco silt loam, 3 to 8 percent slopes	Cotaco	80	Terraces	No	—	Nicholas	236.5	—
Cv: Craigsville gravelly sandy loam, 0 to 5 percent slopes	Craigsville	85	Flood plains	No	—	Nicholas	3.1	—
DeC: Dekalb channery sandy loam, 3 to 15 percent slopes, extremely stony	Dekalb	75	Ridges	No	—	Nicholas	93.7	2.8
DeE: Dekalb channery sandy loam, 15 to 35 percent slopes, extremely stony	Dekalb	75	Ridges	No	—	Nicholas	993.2	25.3
DeF: Dekalb channery sandy loam, 35 to 70 percent slopes, extremely stony	Dekalb	80	Ridges	No	—	Nicholas	975.3	—
DrF: Dekalb-Rock outcrop complex, 35 to 70 percent slopes, extremely stony	Dekalb	60	Mountain slopes,ridges	No	—	Webster	33.9	—
	Rock outcrop	15	—	No	—			
Ed: Elkins silt loam, drained	*Elkins*	*75*	*Flood plains*	*Yes*	*2*	*Nicholas*	*750.5*	—
Ek: Elkins silt loam	*Elkins*	*80*	*Flood plains*	*Yes*	*2*	*Webster*	*175.7*	—
Ep: Elkins silt loam, ponded	*Elkins*	*85*	*Flood plains*	*Yes*	*2,3,4*	*Nicholas*	*645.5*	—
FeB: Fenwick silt loam, 3 to 8 percent slopes	Fenwick	85	Ridges	No	—	Nicholas	241.8	—
FeC: Fenwick silt loam, 8 to 15 percent slopes	Fenwick	85	Ridges	No	—	Nicholas	76.7	—
FeC: Fenwick loam, 3 to 15 percent slopes, very stony	Fenwick	80	Mountain slopes,ridges	No	—	Webster	27.0	—
FvB: Fiveblock channery sandy loam, 3 to 8 percent slopes, extremely stony	Fiveblock-Unstable fill	80	Ridges	No	—	Nicholas	107.5	—
FvF: Fiveblock channery sandy loam, very steep, extremely stony	Fiveblock-Unstable fill	70	Mountain slopes	No	—	Nicholas	287.6	—
GbC: Gilpin silt loam, 8 to 15 percent slopes	Gilpin	80	Mountain slopes,mountain slopes,ridges	No	—	Webster	222.0	—

GbE: Gilpin silt loam, 25 to 35 percent slopes	Gilpin	80	Hillslopes,mountain slopes,mountain slopes,ridges	No	—	Webster	31.9	—
GdE: Gilpin-Dekalb complex, 15 to 35 percent slopes, extremely stony	Gilpin	55	Ridges,mountain slopes	No	—	Webster	0.5	—
	Dekalb	35	Mountain slopes,ridges	No	—			
GlC: Gilpin silt loam, 8 to 15 percent slopes	Gilpin	75	Mountain slopes	No	—	Nicholas	149.9	—
GlD: Gilpin silt loam, 15 to 25 percent slopes	Gilpin	75	Mountain slopes	No	—	Nicholas	15.4	—
GlE: Gilpin silt loam, 25 to 35 percent slopes	Gilpin	75	Mountain slopes	No	—	Nicholas	26.8	—
GnE: Gilpin silt loam, 15 to 35 percent slopes, very stony	Gilpin	75	Mountain slopes	No	—	Nicholas	0.0	—
HiF: Highsplint channery silt loam, moist, 35 to 70 percent slopes, extremely stony	Highsplint-Moist	45-75	Hillslopes	No	—	Nicholas	2,743.3	—
HiF: Highsplint channery silt loam, moist, 35 to 70 percent slopes, extremely stony	Highsplint-Moist	45-75	Hillslopes	No	—	Webster	323.8	—
HLE: Highsplint-Laidig complex, moist, 15 to 35 percent slopes, extremely stony	Highsplint-Moist	35-55	Hillslopes	No	—	Nicholas	104.6	—
	Laidig-Moist	7-35	Hillslopes	No	—			
ItF: Itmann channery sandy loam, very steep	Itmann-Unstable fill	70	Debris spreads	No	—	Nicholas	81.0	—
KaB: Kaymine channery loam, 3 to 8 percent slopes, extremely stony	Kaymine-Unstable fill	70	Ridges	No	—	Nicholas	140.5	—
KaF: Kaymine channery loam, very steep, extremely stony	Kaymine-Unstable fill	60	Mountain slopes	No	—	Nicholas	646.6	—
KaF: Kaymine very channery silt loam, very steep, extremely stony	Kaymine-Unstable fill	75	Mountain slopes	No	—	Webster	96.5	—
LaCm: Laidig channery silt loam, moist, 8 to 15 percent slopes	Laidig-Moist	75	Mountain slopes	No	—	Webster	20.3	—
	Andover-Moist	5	Saddles	Yes	2			
LdEm: Laidig channery silt loam, moist, 15 to 35 percent slopes, extremely stony	Laidig-Moist	80	Mountain slopes	No	—	Webster	25.2	—
	Andover-Moist	4	Saddles	Yes	2			
LlB: Lily loam, moist, 3 to 8 percent slopes	Lily-Moist	80-90	Hillslopes	No	—	Nicholas	41.4	3.8
LlC: Lily loam, moist, 8 to 15 percent slopes	Lily-Moist	75-85	Hillslopes	No	—	Nicholas	712.2	14.4
LlC: Lily loam, 8 to 15 percent slopes	Lily	75	Ridges	No	—	Webster	100.3	—
LlD: Lily loam, 15 to 25 percent slopes	Lily	75	Ridges	No	—	Nicholas	420.9	—
LlD: Lily loam, 15 to 25 percent slopes	Lily	75	Ridges	No	—	Webster	25.8	—
LlE: Lily loam, 25 to 35 percent slopes	Lily	75	Ridges	No	—	Nicholas	440.7	—
Pe: Philo-Pope complex, moist, 0 to 3 percent slopes, occasionally flooded	Philo-Moist	45-55	Flood plains	No	—	Webster	63.8	—
	Pope-Moist	30-40	Flood plains	No	—			
	Atkins-Moist	0-15	Flood plains	Yes	2			
PLF: Pineville-Gilpin-Guyandotte association, very steep, extremely stony	Pineville	35	Coves,mountain slopes	No	—	Webster	0.9	—
	Gilpin	25	Mountain slopes,ridges	No	—			
	Guyandotte	15	Coves,mountain slopes	No	—			
Pu: Purdy silt loam, 0 to 5 percent slopes	*Purdy*	*85*	*Terraces*	*Yes*	*2*	*Nicholas*	*224.1*	*0.5*
Ud: Udorthents, smoothed	Udorthents	85	Mountain slopes	No	—	Nicholas	133.7	—
Ud: Udorthents, smoothed	Udorthents	80	—	No	—	Webster	2.5	—
W: Water	Water	100	—	No	—	Nicholas	18.4	—

Data Source Information

Soil Survey Area: Nicholas County Area, West Virginia
Survey Area Data: Version 10, Sep 13, 2021
Soil Survey Area: Webster County, West Virginia
Survey Area Data: Version 17, Sep 13, 2021

Panther Creek-Gauley River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Panther Creek-Gauley River (Acres)	Project Area (Acres)
BuB: Buchanan loam, moist, 3 to 8 percent slopes	Buchanan-Moist	80-90	Hillslopes,mountain slopes	No	—	Nicholas	5.5	—
	Andover-Moist	44203	Mountain slopes	Yes	2			
BuC: Buchanan loam, moist, 8 to 15 percent slopes	Buchanan-Moist	75-85	Hillslopes,mountain slopes	No	—	Nicholas	232.1	—
	Andover-Moist	44203	Mountain slopes	Yes	2			
BuD: Buchanan loam, moist, 15 to 25 percent slopes	Buchanan-Moist	75-85	Mountain slopes	No	—	Nicholas	86.5	—
BvC: Buchanan gravelly sandy loam, moist, 8 to 15 percent slopes, extremely stony	Buchanan-Moist	65-80	Hillslopes,mountain slopes	No	—	Nicholas	192.1	1.6
	Andover-Moist	44203	Hillslopes,mountain slopes	Yes	2			
BvE: Buchanan gravelly sandy loam, moist, 15 to 35 percent slopes, extremely stony	Buchanan-Moist	65-80	Hillslopes,mountain slopes	No	—	Nicholas	6,322.4	19.0
ChB: Chavies fine sandy loam, moist, 3 to 8 percent slopes, rarely flooded	Chavies-Moist	75-85	Stream terraces	No	—	Nicholas	3.3	—
ClB: Clifftop channery silt loam, 3 to 8 percent slopes	Clifftop	80	Ridges	No	—	Nicholas	741.8	—
ClC: Clifftop channery silt loam, 8 to 15 percent slopes	Clifftop	80	Ridges	No	—	Nicholas	2,009.3	13.4
ClD: Clifftop channery silt loam, 15 to 25 percent slopes	Clifftop	80	Ridges	No	—	Nicholas	1,258.1	0.2
ClE: Clifftop channery silt loam, 25 to 35 percent slopes	Clifftop	75	Ridges	No	—	Nicholas	514.8	—
CnC: Clifftop channery silt loam, 3 to 15 percent slopes, very stony	Clifftop	75	Ridges	No	—	Nicholas	1,253.8	23.8
CnE: Clifftop channery silt loam, 15 to 35 percent slopes, very stony	Clifftop	75	Mountain slopes	No	—	Nicholas	3,188.2	15.7
CnF: Clifftop channery silt loam, 35 to 70 percent slopes, very stony	Clifftop	75	Mountain slopes	No	—	Nicholas	4,036.5	14.5
CoF: Clifftop-Buchanan complex, 35 to 70 percent slopes, extremely stony	Clifftop	60	Mountain slopes	No	—	Nicholas	4,463.2	17.9
	Buchanan	25	Mountain slopes	No	—			
CtB: Cotaco silt loam, 3 to 8 percent slopes	Cotaco	80	Terraces	No	—	Nicholas	57.9	—
Cv: Craigsville gravelly sandy loam, 0 to 5 percent slopes	Craigsville	85	Flood plains	No	—	Nicholas	52.7	—
DeC: Dekalb channery sandy loam, 3 to 15 percent slopes, extremely stony	Dekalb	75	Ridges	No	—	Nicholas	171.0	—
DeE: Dekalb channery sandy loam, 15 to 35 percent slopes, extremely stony	Dekalb	75	Ridges	No	—	Nicholas	751.0	—
DeF: Dekalb channery sandy loam, 35 to 70 percent slopes, extremely stony	Dekalb	80	Ridges	No	—	Nicholas	697.4	5.1
Ed: Elkins silt loam, drained	*Elkins*	*75*	*Flood plains*	*Yes*	*2*	*Nicholas*	*19.9*	—
Ep: Elkins silt loam, ponded	*Elkins*	*85*	*Flood plains*	*Yes*	*2,3,4*	*Nicholas*	*10.5*	—
FeB: Fenwick silt loam, 3 to 8 percent slopes	Fenwick	85	Ridges	No	—	Nicholas	464.2	—
FeC: Fenwick silt loam, 8 to 15 percent slopes	Fenwick	85	Ridges	No	—	Nicholas	32.8	—
FvB: Fiveblock channery sandy loam, 3 to 8 percent slopes, extremely stony	Fiveblock-Unstable fill	80	Ridges	No	—	Nicholas	2.4	—
HiF: Highsplint channery silt loam, moist, 35 to 70 percent slopes, extremely stony	Highsplint-Moist	45-75	Hillslopes	No	—	Nicholas	1,742.5	—
HLE: Highsplint-Laidig complex, moist, 15 to 35 percent slopes, extremely stony	Highsplint-Moist	35-55	Hillslopes	No	—	Nicholas	356.3	—
	Laidig-Moist	12966	Hillslopes	No	—			
ItF: Itmann channery sandy loam, very steep	Itmann-Unstable fill	70	Debris spreads	No	—	Nicholas	489.3	18.5
KaF: Kaymine channery loam, very steep, extremely stony	Kaymine-Unstable fill	60	Mountain slopes	No	—	Nicholas	41.1	—
LlB: Lily loam, moist, 3 to 8 percent slopes	Lily-Moist	80-90	Hillslopes	No	—	Nicholas	91.8	0.2
LlC: Lily loam, moist, 8 to 15 percent slopes	Lily-Moist	75-85	Hillslopes	No	—	Nicholas	146.6	—
LlD: Lily loam, 15 to 25 percent slopes	Lily	75	Ridges	No	—	Nicholas	95.3	—
LlE: Lily loam, 25 to 35 percent slopes	Lily	75	Ridges	No	—	Nicholas	41.0	—
Pr: Pope-Craigsville complex	Pope	50	Flood plains	No	—	Nicholas	126.1	—
	Craigsville	35	Flood plains	No	—			
Pu: Purdy silt loam, 0 to 5 percent slopes	*Purdy*	*85*	*Terraces*	*Yes*	*2*	*Nicholas*	*7.9*	—
Ud: Udorthents, smoothed	Udorthents	85	Mountain slopes	No	—	Nicholas	137.7	8.5
W: Water	Water	100	—	No	—	Nicholas	503.5	1.1

Data Source Information

Soil Survey Area: Nicholas County Area, West Virginia
Survey Area Data: Version 10, Sep 13, 2021

Outlet Hominy Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Big Laurel Creek (Acres)	Project Area (Acres)
BuB: Buchanan loam, moist, 3 to 8 percent slopes	Buchanan-Moist	80-90	Hillslopes,mountain slopes	No	—	Nicholas	16.8	—
	Andover-Moist	1-7	Mountain slopes	Yes	2			
BuC: Buchanan loam, moist, 8 to 15 percent slopes	Buchanan-Moist	75-85	Hillslopes,mountain slopes	No	—	Nicholas	311.0	—
	Andover-Moist	1-7	Mountain slopes	Yes	2			
BuD: Buchanan loam, moist, 15 to 25 percent slopes	Buchanan-Moist	75-85	Mountain slopes	No	—	Nicholas	11.4	—
BvC: Buchanan gravelly sandy loam, moist, 8 to 15 percent slopes, extremely stony	Buchanan-Moist	65-80	Hillslopes,mountain slopes	No	—	Nicholas	919.8	0.2
	Andover-Moist	1-7	Hillslopes,mountain slopes	Yes	2			
BvE: Buchanan gravelly sandy loam, moist, 15 to 35 percent slopes, extremely stony	Buchanan-Moist	65-80	Hillslopes,mountain slopes	No	—	Nicholas	6,569.8	23.9
ClB: Clifftop channery silt loam, 3 to 8 percent slopes	Clifftop	80	Ridges	No	—	Nicholas	802.1	0.4
ClC: Clifftop channery silt loam, 8 to 15 percent slopes	Clifftop	80	Ridges	No	—	Nicholas	3,397.6	20.1
ClD: Clifftop channery silt loam, 15 to 25 percent slopes	Clifftop	80	Ridges	No	—	Nicholas	961.7	—
ClE: Clifftop channery silt loam, 25 to 35 percent slopes	Clifftop	75	Ridges	No	—	Nicholas	344.1	—
CnC: Clifftop channery silt loam, 3 to 15 percent slopes, very stony	Clifftop	75	Ridges	No	—	Nicholas	559.1	2.1
CnE: Clifftop channery silt loam, 15 to 35 percent slopes, very stony	Clifftop	75	Mountain slopes	No	—	Nicholas	5,008.0	16.2
CnF: Clifftop channery silt loam, 35 to 70 percent slopes, very stony	Clifftop	75	Mountain slopes	No	—	Nicholas	6,314.3	14.7
CtB: Cotaco silt loam, 3 to 8 percent slopes	Cotaco	80	Terraces	No	—	Nicholas	121.5	—
Cv: Craigsville gravelly sandy loam, 0 to 5 percent slopes	Craigsville	85	Flood plains	No	—	Nicholas	54.1	—
DeC: Dekalb channery sandy loam, 3 to 15 percent slopes, extremely stony	Dekalb	75	Ridges	No	—	Nicholas	122.4	—
DeE: Dekalb channery sandy loam, 15 to 35 percent slopes, extremely stony	Dekalb	75	Ridges	No	—	Nicholas	3,547.3	5.6
DeF: Dekalb channery sandy loam, 35 to 70 percent slopes, extremely stony	Dekalb	80	Ridges	No	—	Nicholas	563.0	2.2
DRF: Dekalb-Buchanan-Rock outcrop association, very steep, rubbly	Dekalb	40	Mountain slopes	No	—	Nicholas	397.3	—
	Buchanan	30	Coves	No	—			
	Rock outcrop	15	—	No	—			
Ed: Elkins silt loam, drained	*Elkins*	*75*	*Flood plains*	*Yes*	*2*	*Nicholas*	*51.6*	—
Ep: Elkins silt loam, ponded	*Elkins*	*85*	*Flood plains*	*Yes*	*2,3,4*	*Nicholas*	*61.9*	—
FeB: Fenwick silt loam, 3 to 8 percent slopes	Fenwick	85	Ridges	No	—	Nicholas	283.6	—
FeC: Fenwick silt loam, 8 to 15 percent slopes	Fenwick	85	Ridges	No	—	Nicholas	24.3	—
HiF: Highsplint channery silt loam, moist, 35 to 70 percent slopes, extremely stony	Highsplint-Moist	45-75	Hillslopes	No	—	Nicholas	56.3	—
LlB: Lily loam, moist, 3 to 8 percent slopes	Lily-Moist	80-90	Hillslopes	No	—	Nicholas	294.2	—
LlC: Lily loam, moist, 8 to 15 percent slopes	Lily-Moist	75-85	Hillslopes	No	—	Nicholas	813.3	—
LlD: Lily loam, 15 to 25 percent slopes	Lily	75	Ridges	No	—	Nicholas	219.8	—
LlE: Lily loam, 25 to 35 percent slopes	Lily	75	Ridges	No	—	Nicholas	4.1	—
MoB: Monongahela silt loam, moist, 3 to 8 percent slopes	Monongahela-Moist	80-90	Stream terraces	No	—	Nicholas	62.1	—
Pr: Pope-Craigsville complex	Pope	50	Flood plains	No	—	Nicholas	172.8	0.6
	Craigsville	35	Flood plains	No	—			
Pu: Purdy silt loam, 0 to 5 percent slopes	*Purdy*	*85*	*Terraces*	*Yes*	*2*	*Nicholas*	*56.5*	—
Ud: Udorthents, smoothed	Udorthents	85	Mountain slopes	No	—	Nicholas	23.5	—
W: Water	Water	100	—	No	—	Nicholas	168.4	—

Data Source Information

Soil Survey Area: Nicholas County Area, West Virginia
Survey Area Data: Version 10, Sep 13, 2021

Headwater Hominy Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Headwater Hominy Creek (Acres)	Project Area (Acres)
BlC: Berks-Dekalb complex, 3 to 15 percent slopes, very stony	Berks	60	Hills	No	—	Greenbrier	326.8	—
	Dekalb	30	Hills	No	—			
BlE: Berks-Dekalb complex, 15 to 35 percent slopes, very stony	Berks	55	Hills	No	—	Greenbrier	467.0	—
	Dekalb	35	Hills	No	—			
BuB: Buchanan loam, moist, 3 to 8 percent slopes	Buchanan-Moist	80-90	Hillslopes,mountain slopes	No	—	Nicholas	11.0	—
	Andover-Moist	1-7	Mountain slopes	Yes	2			
BuC: Buchanan loam, moist, 8 to 15 percent slopes	Buchanan-Moist	75-85	Hillslopes,mountain slopes	No	—	Nicholas	338.6	5.6
	Andover-Moist	1-7	Mountain slopes	Yes	2			
BvC: Buchanan gravelly sandy loam, moist, 8 to 15 percent slopes, extremely stony	Buchanan-Moist	65-80	Hillslopes,mountain slopes	No	—	Nicholas	767.3	6.5
	Andover-Moist	1-7	Hillslopes,mountain slopes	Yes	2			
BvE: Buchanan gravelly sandy loam, moist, 15 to 35 percent slopes, extremely stony	Buchanan-Moist	65-80	Hillslopes,mountain slopes	No	—	Nicholas	5,889.3	22.7
CeF: Cedarcreek channery loam, very steep, extremely stony	Cedarcreek	60	Mountain slopes	No	—	Nicholas	16.2	—
ChB: Chavies fine sandy loam, moist, 3 to 8 percent slopes, rarely flooded	Chavies-Moist	75-85	Stream terraces	No	—	Nicholas	181.7	—
ClB: Clifftop channery silt loam, 3 to 8 percent slopes	Clifftop	80	Ridges	No	—	Nicholas	37.0	—
ClC: Clifftop channery silt loam, 8 to 15 percent slopes	Clifftop	80	Ridges	No	—	Nicholas	983.1	28.4
ClD: Clifftop channery silt loam, 15 to 25 percent slopes	Clifftop	80	Ridges	No	—	Nicholas	944.5	20.4
ClE: Clifftop channery silt loam, 25 to 35 percent slopes	Clifftop	75	Ridges	No	—	Nicholas	148.2	—
ClF: Clifftop channery silt loam, 35 to 70 percent slopes	Clifftop	75	Ridges	No	—	Nicholas	46.8	—
CnC: Clifftop channery silt loam, 3 to 15 percent slopes, very stony	Clifftop	75	Ridges	No	—	Nicholas	759.1	3.3
CnE: Clifftop channery silt loam, 15 to 35 percent slopes, very stony	Clifftop	75	Mountain slopes	No	—	Nicholas	5,585.5	35.3
CnF: Clifftop channery silt loam, 35 to 70 percent slopes, very stony	Clifftop	75	Mountain slopes	No	—	Nicholas	5,986.4	55.6
CoF: Clifftop-Buchanan complex, 35 to 70 percent slopes, extremely stony	Clifftop	60	Mountain slopes	No	—	Nicholas	0.2	—
	Buchanan	25	Mountain slopes	No	—			
CpB: Cookport loam, warm, 3 to 8 percent slopes	Cookport-Warm	70-90	Ridges	No	—	Greenbrier	15.5	0.3
	Nolo-Warm	0-7	Depressions	Yes	2			
CtB: Cotaco silt loam, 3 to 8 percent slopes	Cotaco	80	Terraces	No	—	Nicholas	54.9	—
Cv: Craigsville gravelly sandy loam, 0 to 5 percent slopes	Craigsville	85	Flood plains	No	—	Nicholas	38.6	—
DeC: Dekalb channery sandy loam, 3 to 15 percent slopes, very stony	Dekalb	75	Ridges	No	—	Greenbrier	7.3	1.6
DeC: Dekalb channery sandy loam, 3 to 15 percent slopes, extremely stony	Dekalb	75	Ridges	No	—	Nicholas	939.0	15.2
DeE: Dekalb channery sandy loam, 15 to 35 percent slopes, extremely stony	Dekalb	75	Ridges	No	—	Nicholas	335.0	4.9
DeF: Dekalb channery sandy loam, 35 to 55 percent slopes, very stony	Dekalb	75	Mountain slopes	No	—	Greenbrier	7.6	—
DeF: Dekalb channery sandy loam, 35 to 70 percent slopes, extremely stony	Dekalb	80	Ridges	No	—	Nicholas	1,294.4	15.4
Ed: Elkins silt loam, drained	*Elkins*	*75*	*Flood plains*	*Yes*	*2*	*Nicholas*	*117.5*	*9.8*
Ep: Elkins silt loam, ponded	*Elkins*	*85*	*Flood plains*	*Yes*	*2,3,4*	*Nicholas*	*36.0*	—
EsC: Ernest silt loam, moist, 3 to 15 percent slopes, extremely stony	Ernest-Moist	70-85	Hillslopes	No	—	Greenbrier	16.4	—
	Atkins-Moist	1-5	Flood plains	Yes	2,3			
FeB: Fenwick silt loam, 3 to 8 percent slopes	Fenwick	85	Ridges	No	—	Nicholas	239.4	—
FeC: Fenwick silt loam, 8 to 15 percent slopes	Fenwick	85	Ridges	No	—	Nicholas	25.6	—
GnC: Gilpin channery silt loam, moist, 8 to 15 percent slopes	Gilpin-Moist	75-85	Hillslopes	No	—	Greenbrier	64.8	—
GnD: Gilpin channery silt loam, moist, 15 to 25 percent slopes	Gilpin-Moist	65-85	Hillslopes	No	—	Greenbrier	0.7	—
GpC: Gilpin channery silt loam, moist, 3 to 15 percent slopes, very stony	Gilpin-Moist	70-80	Hillslopes	No	—	Greenbrier	84.0	0.4
GpE: Gilpin channery silt loam, moist, 15 to 35 percent slopes, very stony	Gilpin-Moist	70-85	Hillslopes	No	—	Greenbrier	311.0	—
Ho: Holly silt loam	*Holly-Warm*	*85-95*	*Flood plains*	*Yes*	*2,3*	*Greenbrier*	*17.1*	—
ItF: Itmann channery sandy loam, very steep	Itmann-Unstable fill	70	Debris spreads	No	—	Nicholas	95.8	—
KaB: Kaymine channery loam, 3 to 8 percent slopes, extremely stony	Kaymine-Unstable fill	70	Ridges	No	—	Nicholas	5.7	0.5
KaF: Kaymine channery loam, very steep, extremely stony	Kaymine-Unstable fill	60	Mountain slopes	No	—	Nicholas	1,645.6	0.8

KxF: Kaymine-rock outcrop complex, very steep	Kaymine	70	Ridges	No	—	Greenbrier	763.5	—
	Rock outcrop	15	—	No	—			
LlB: Lily loam, moist, 3 to 8 percent slopes	Lily-Moist	80-90	Hillslopes	No	—	Nicholas	101.4	—
LlC: Lily loam, moist, 8 to 15 percent slopes	Lily-Moist	75-85	Hillslopes	No	—	Nicholas	122.1	—
LlD: Lily loam, 15 to 25 percent slopes	Lily	75	Ridges	No	—	Nicholas	12.9	—
LlE: Lily loam, 25 to 35 percent slopes	Lily	75	Ridges	No	—	Nicholas	10.2	—
McC: Macove channery silt loam, 3 to 15 percent slopes, very stony	Macove	80	Valley floors	No	—	Greenbrier	212.1	—
McE: Macove channery silt loam, 15 to 35 percent slopes, very stony	Macove	75	Valley floors	No	—	Greenbrier	1,264.0	—
MeF: Macove-Gilpin complex, 35 to 55 percent slopes, very stony	Macove	55	Valley floors	No	—	Greenbrier	2,685.8	1.3
	Gilpin	30	Hillsides	No	—			
MkE: Mandy channery silt loam, 15 to 35 percent slopes, very stony	Mandy	80	Mountains	No	—	Greenbrier	296.2	—
MkF: Mandy channery silt loam, 35 to 55 percent slopes, very stony	Mandy	80	Mountains	No	—	Greenbrier	153.0	—
Po: Pope fine sandy loam, warm, 0 to 3 percent slopes, occasionally flooded	Pope-Warm	80-90	Flood plains	No	—	Greenbrier	74.0	—
	Atkins-Warm	0-10	Flood plains	Yes	2,3			
Pr: Pope-Craigsville complex	Pope	50	Flood plains	No	—	Nicholas	158.4	0.4
	Craigsville	35	Flood plains	No	—			
SoE: Snowdog silt loam, 15 to 35 percent slopes, extremely stony	Snowdog	75	Mountain slopes	No	—	Greenbrier	11.2	—
SoF: Snowdog silt loam, 35 to 55 percent slopes, extremely stony	Snowdog	75	Mountain slopes	No	—	Greenbrier	63.1	—
SvC: Summers very channery sandy loam, 0 to 15 percent slopes, very stony	Summers	75	Mountain slopes	No	—	Greenbrier	214.8	—
Tp: Tioga-Potomac complex	Tioga	55	Flood plains	No	—	Greenbrier	20.8	—
	Potomac	35	Flood plains	No	—			
Ud: Udorthents, smoothed	Udorthents	85	Mountain slopes	No	—	Nicholas	147.5	—
W: Water	Water	100	—	No	—	Nicholas	10.8	—

Data Source Information

Soil Survey Area: Nicholas County Area, West Virginia
Survey Area Data: Version 10, Sep 13, 2021
Soil Survey Area: Greenbrier County, West Virginia
Survey Area Data: Version 16, Sep 13, 2021

Anglins Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Anglins Creek (Acres)	Project Area (Acres)
BuB: Buchanan loam, moist, 3 to 8 percent slopes	Buchanan-Moist	80-90	Hillslopes,mountain slopes	No	—	Nicholas	78.4	—
	Andover-Moist	1-7	Mountain slopes	Yes	2			
BuC: Buchanan loam, moist, 8 to 15 percent slopes	Buchanan-Moist	75-85	Hillslopes,mountain slopes	No	—	Nicholas	136.6	—
	Andover-Moist	1-7	Mountain slopes	Yes	2			
BuD: Buchanan loam, moist, 15 to 25 percent slopes	Buchanan-Moist	75-85	Mountain slopes	No	—	Nicholas	3.5	—
BvC: Buchanan gravelly sandy loam, moist, 8 to 15 percent slopes, extremely stony	Buchanan-Moist	65-80	Hillslopes,mountain slopes	No	—	Nicholas	395.6	—
	Andover-Moist	1-7	Hillslopes,mountain slopes	Yes	2			
BvE: Buchanan gravelly sandy loam, moist, 15 to 35 percent slopes, extremely stony	Buchanan-Moist	65-80	Hillslopes,mountain slopes	No	—	Nicholas	3,529.6	0.3
ChB: Chavies fine sandy loam, moist, 3 to 8 percent slopes, rarely flooded	Chavies-Moist	75-85	Stream terraces	No	—	Nicholas	25.3	—
ClB: Clifftop channery silt loam, 3 to 8 percent slopes	Clifftop	80	Ridges	No	—	Nicholas	131.4	—
ClC: Clifftop channery silt loam, 8 to 15 percent slopes	Clifftop	80	Ridges	No	—	Nicholas	897.5	4.6
ClD: Clifftop channery silt loam, 15 to 25 percent slopes	Clifftop	80	Ridges	No	—	Nicholas	389.5	6.5
ClE: Clifftop channery silt loam, 25 to 35 percent slopes	Clifftop	75	Ridges	No	—	Nicholas	87.1	—
CnC: Clifftop channery silt loam, 3 to 15 percent slopes, very stony	Clifftop	75	Ridges	No	—	Nicholas	638.9	—
CnE: Clifftop channery silt loam, 15 to 35 percent slopes, very stony	Clifftop	75	Mountain slopes	No	—	Nicholas	2,667.4	—
CnF: Clifftop channery silt loam, 35 to 70 percent slopes, very stony	Clifftop	75	Mountain slopes	No	—	Nicholas	5,873.1	4
CpB: Cookport loam, warm, 3 to 8 percent slopes	Cookport-Warm	70-90	Ridges	No	—	Greenbrier	65.8	4.7
	Nolo-Warm	0-7	Depressions	Yes	2			
Cv: Craigsville gravelly sandy loam, 0 to 5 percent slopes	Craigsville	85	Flood plains	No	—	Nicholas	4.6	—
DeC: Dekalb channery sandy loam, 3 to 15 percent slopes, very stony	Dekalb	75	Ridges	No	—	Greenbrier	44.1	5
DeC: Dekalb channery sandy loam, 3 to 15 percent slopes, extremely stony	Dekalb	75	Ridges	No	—	Nicholas	320.0	2.1
DeE: Dekalb channery sandy loam, 15 to 35 percent slopes, extremely stony	Dekalb	75	Ridges	No	—	Nicholas	856.5	—
DeF: Dekalb channery sandy loam, 35 to 70 percent slopes, extremely stony	Dekalb	80	Ridges	No	—	Nicholas	419.5	—
DRF: Dekalb-Buchanan-Rock outcrop association, very steep, rubbly	Dekalb	40	Mountain slopes	No	—	Nicholas	115.4	—
	Buchanan	30	Coves	No	—			
	Rock outcrop	15	—	No	—			
EsC: Ernest silt loam, moist, 3 to 15 percent slopes, extremely stony	Ernest-Moist	70-85	Hillslopes	No	—	Greenbrier	10.8	—
	Atkins-Moist	1-5	Flood plains	Yes	2,3			
FeB: Fenwick silt loam, 3 to 8 percent slopes	Fenwick	85	Ridges	No	—	Nicholas	111.8	—
FeC: Fenwick silt loam, 8 to 15 percent slopes	Fenwick	85	Ridges	No	—	Nicholas	18.4	—
GnC: Gilpin channery silt loam, moist, 8 to 15 percent slopes	Gilpin-Moist	75-85	Hillslopes	No	—	Greenbrier	169.8	—
GnD: Gilpin channery silt loam, moist, 15 to 25 percent slopes	Gilpin-Moist	65-85	Hillslopes	No	—	Greenbrier	24.5	—
GpC: Gilpin channery silt loam, moist, 3 to 15 percent slopes, very stony	Gilpin-Moist	70-80	Hillslopes	No	—	Greenbrier	312.7	10.7
GpE: Gilpin channery silt loam, moist, 15 to 35 percent slopes, very stony	Gilpin-Moist	70-85	Hillslopes	No	—	Greenbrier	514.6	2.1
KaF: Kaymine channery loam, very steep, extremely stony	Kaymine-Unstable fill	60	Mountain slopes	No	—	Nicholas	15.0	—
LlB: Lily loam, moist, 3 to 8 percent slopes	Lily-Moist	80-90	Hillslopes	No	—	Nicholas	342.7	—
LlC: Lily loam, moist, 8 to 15 percent slopes	Lily-Moist	75-85	Hillslopes	No	—	Nicholas	640.7	—
LlD: Lily loam, 15 to 25 percent slopes	Lily	75	Ridges	No	—	Nicholas	282.9	—
LlE: Lily loam, 25 to 35 percent slopes	Lily	75	Ridges	No	—	Nicholas	9.2	—
McC: Macove channery silt loam, 3 to 15 percent slopes, very stony	Macove	80	Valley floors	No	—	Greenbrier	387.6	—
McE: Macove channery silt loam, 15 to 35 percent slopes, very stony	Macove	75	Valley floors	No	—	Greenbrier	429.8	—
MeF: Macove-Gilpin complex, 35 to 55 percent slopes, very stony	Macove	55	Valley floors	No	—	Greenbrier	992.4	1.4
	Gilpin	30	Hillsides	No	—			

MoB: Monongahela silt loam, moist, 3 to 8 percent slopes	Monongahela-Moist	80-90	Stream terraces	No	—	Nicholas	15.9	—
Pr: Pope-Craigsville complex	Pope	50	Flood plains	No	—	Nicholas	96.7	—
	Craigsville	35	Flood plains	No	—			
W: Water	Water	100	—	Unranked	—	Fayette & Raleigh	0.0	—
W: Water	Water	100	—	No	—	Nicholas	49.0	—

Data Source Information

Soil Survey Area: Fayette and Raleigh Counties Area, West Virginia
Survey Area Data: Version 14, Sep 13, 2021
Soil Survey Area: Greenbrier County, West Virginia
Survey Area Data: Version 16, Sep 13, 2021
Soil Survey Area: Nicholas County Area, West Virginia
Survey Area Data: Version 10, Sep 13, 2021

Meadow Creek-Meadow River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Meadow Creek-Meadow River (Acres)	Project Area (Acres)
An: Atkins-Philo-Potomac complex	Atkins	35	Flood plains	Yes	2	Greenbrier	45.4	2.9
	Philo	30	Flood plains	No	—			
	Potomac	20	Flood plains	No	—			
CeF: Cedarcreek-Rock outcrop complex, very steep, very stony	Cedarcreek-Unstable fill	75	Mountain slopes	No	—	Fayette & Raleigh	37.4	
	Rock outcrop	15	Mountain slopes	—	—			
ClC: Clifftop channery silt loam, 8 to 15 percent slopes	Clifftop	80	Ridges	No	—	Nicholas	0.5	
ClE: Clifftop channery silt loam, 25 to 35 percent slopes	Clifftop	65	Ridges	No	—	Fayette & Raleigh	847.9	
CnB: Clifftop-Nallen complex, 3 to 8 percent slopes	Clifftop	55	Ridges	No	—	Fayette & Raleigh	3.0	
	Nallen	30	Ridges	No	—			
CnC: Clifftop-Nallen complex, 8 to 15 percent slopes	Clifftop	50	Ridges	No	—	Fayette & Raleigh	877.0	
	Nallen	35	Ridges	No	—			
CnD: Clifftop-Nallen complex, 15 to 25 percent slopes	Clifftop	55	Ridges	No	—	Fayette & Raleigh	1,311.7	
	Nallen	25	Ridges	No	—			
CnE: Clifftop channery silt loam, 15 to 35 percent slopes, very stony	Clifftop	75	Mountain slopes	No	—	Nicholas	10.3	
CnF: Clifftop channery silt loam, 35 to 70 percent slopes, very stony	Clifftop	75	Mountain slopes	No	—	Nicholas	11.5	
CpB: Cookport-Nallen complex, 3 to 8 percent slopes	Cookport	50	Ridges	No	—	Fayette & Raleigh	130.7	
	Nallen	35	Ridges	No	—			
CpB: Cookport loam, warm, 3 to 8 percent slopes	Cookport-Warm	70-90	Ridges	No	—	Greenbrier	151.7	4.4
	Nolo-Warm	0-7	Depressions	Yes	2			
DeC: Dekalb channery sandy loam, 3 to 15 percent slopes, very stony	Dekalb	75	Ridges	No	—	Greenbrier	320.4	6.9
DeE: Dekalb channery sandy loam, 15 to 35 percent slopes, very stony	Dekalb	75	Hills	No	—	Greenbrier	256.9	0.6
DeF: Dekalb channery sandy loam, 35 to 55 percent slopes, very stony	Dekalb	75	Mountain slopes	No	—	Greenbrier	15.5	
DkC: Dekalb very channery loam, 3 to 15 percent slopes, extremely stony	Dekalb	80	Ridges	No	—	Fayette & Raleigh	29.8	
DkE: Dekalb-Rock outcrop complex, 15 to 35 percent slopes, extremely stony	Dekalb	55	Ridges	No	—	Fayette & Raleigh	145.8	
	Rock outcrop	15	Escarpments	—	—			
EsC: Ernest silt loam, moist, 3 to 15 percent slopes, extremely stony	Ernest-Moist	70-85	Hillslopes	No	—	Greenbrier	71.2	0.7
	Atkins-Moist	1-5	Flood plains	Yes	2,3			
GnC: Gilpin channery silt loam, moist, 8 to 15 percent slopes	Gilpin-Moist	75-85	Hillslopes	No	—	Greenbrier	1,122.1	14.2
GnD: Gilpin channery silt loam, moist, 15 to 25 percent slopes	Gilpin-Moist	65-85	Hillslopes	No	—	Greenbrier	190.4	
GpC: Gilpin channery silt loam, moist, 3 to 15 percent slopes, very stony	Gilpin-Moist	70-80	Hillslopes	No	—	Greenbrier	2,671.4	52.1
GpE: Gilpin channery silt loam, moist, 15 to 35 percent slopes, very stony	Gilpin-Moist	70-85	Hillslopes	No	—	Greenbrier	2,550.8	4.5
HgC: Highsplint channery loam, 3 to 15 percent slopes, very stony	Highsplint	65	Mountain slopes	No	—	Fayette & Raleigh	21.4	
HgE: Highsplint channery loam, 15 to 35 percent slopes, very stony	Highsplint	70	Mountain slopes	No	—	Fayette & Raleigh	233.3	
KrF: Kaymine-Rock outcrop complex, very steep, very stony	Kaymine-Unstable fill	70	Mountain slopes	No	—	Fayette & Raleigh	696.5	
	Rock outcrop	10	Mountain slopes	—	—			
KxF: Kaymine-rock outcrop complex, very steep	Kaymine	70	Ridges	No	—	Greenbrier	1,312.8	19.5
	Rock outcrop	15	—	No	—			
LaC: Laidig channery loam, 3 to 15 percent slopes, rubbly	Laidig	70	Mountain slopes	No	—	Fayette & Raleigh	338.8	
	Atkins	5	Flood plains	Yes	2			
LeF: Layland-Dekalb-Guyandotte complex, 35 to 70 percent slopes, extremely stony	Layland	45	Mountain slopes	No	—	Fayette & Raleigh	5,917.9	
	Dekalb	30	Ridges	No	—			
	Guyandotte	15	Mountain slopes	No	—			
LgB: Lily sandy loam, warm, 3 to 8 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Greenbrier	3.0	
LgC: Lily sandy loam, warm, 8 to 15 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Greenbrier	86.8	
LgG: Layland-Dekalb-Rock outcrop complex, 55 to 80 percent slopes, extremely stony	Layland	45	Mountain slopes	No	—	Fayette & Raleigh	385.9	
	Dekalb	30	Ridges	No	—			
	Rock outcrop	10	Escarpments	—	—			
LhE: Layland-Laidig complex, 15 to 35 percent slopes, rubbly	Layland	55	Mountain slopes	No	—	Fayette & Raleigh	1,571.8	
	Laidig	25	Mountain slopes	No	—			
McC: Macove channery silt loam, 3 to 15 percent slopes, very stony	Macove	80	Valley floors	No	—	Greenbrier	1,859.3	4.3
McE: Macove channery silt loam, 15 to 35 percent slopes, very stony	Macove	75	Valley floors	No	—	Greenbrier	1,841.8	2.4
McF: Macove-Cliffton complex, 35 to 55 percent slopes, very stony	Macove	55	Mountain slopes	No	—	Fayette & Raleigh	623.4	

MeF: Macove-Clifftop complex, 35 to 55 percent slopes, very stony	Clifftop	30	Mountain slopes	No	—	Fayette & Raleigh	623.4	
MeF: Macove-Gilpin complex, 35 to 55 percent slopes, very stony	Macove	55	Valley floors	No	—	Greenbrier	5,941.0	26.5
	Gilpin	30	Hillsides	No	—			
MkC: Mandy channery silt loam, 3 to 15 percent slopes, very stony	Mandy	85	Mountains	No	—	Greenbrier	2.4	
MkE: Mandy channery silt loam, 15 to 35 percent slopes, very stony	Mandy	80	Mountains	No	—	Greenbrier	23.2	
Po: Pope fine sandy loam, warm, 0 to 3 percent slopes, occasionally flooded	Pope-Warm	80-90	Flood plains	No	—	Greenbrier	207.3	
	Atkins-Warm	0-10	Flood plains	Yes	2,3			
PoA: Pope fine sandy loam, warm, 0 to 3 percent slopes, occasionally flooded	Pope-Warm	80-90	Flood plains	No	—	Fayette & Raleigh	35.8	
	Atkins-Warm	0-10	Flood plains	Yes	2,3			
Pt: Potomac very gravelly fine sandy loam	Potomac	80	Flood plains	No	—	Greenbrier	127.5	
PvA: Pope-Craigsville complex, 0 to 3 percent slopes, occasionally flooded	Pope	50	Flood plains	No	—	Fayette & Raleigh	231.4	
	Craigsville	30	— error in exists on —	No	—			
	Atkins	3	Flood plains	Yes	2			
SvC: Summers very channery sandy loam, 0 to 15 percent slopes, very stony	Summers	75	Mountain slopes	No	—	Greenbrier	25.8	
W: Water	Water	100	—	Unranked	—	Fayette & Raleigh	108.7	
W: Water	Water	100	—	No	—	Greenbrier	128.9	
YeA: Yeager fine sandy loam, 0 to 3 percent slopes, frequently flooded	Yeager	95	Flood plains	No	—	Fayette & Raleigh	20.4	
	Atkins	1	Flood plains	Yes	2			
ZoA: Zoar silt loam, 0 to 3 percent slopes	Zoar	80	Terraces	No	—	Greenbrier	50.0	

Data Source Information

Soil Survey Area: Fayette and Raleigh Counties Area, West Virginia
Survey Area Data: Version 14, Sep 13, 2021
Soil Survey Area: Greenbrier County, West Virginia
Survey Area Data: Version 16, Sep 13, 2021
Soil Survey Area: Nicholas County Area, West Virginia
Survey Area Data: Version 10, Sep 13, 2021

Mill Creek-Meadow River (Big Clear Creek-Meadow River)

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Mill Creek-Meadow River (Acres)	Project Area (Acres)
AlC: Allegheny loam, 8 to 15 percent slopes	Allegheny	90	Terraces	No	—	Greenbrier	18.8	
An: Atkins-Philo-Potomac complex	Atkins	35	Flood plains	Yes	2	Greenbrier	181.5	
	Philo	30	Flood plains	No	—			
	Potomac	20	Flood plains	No	—			
BlC: Berks-Dekalb complex, 3 to 15 percent slopes, very stony	Berks	60	Hills	No	—	Greenbrier	531.9	
	Dekalb	30	Hills	No	—			
BlE: Berks-Dekalb complex, 15 to 35 percent slopes, very stony	Berks	55	Hills	No	—	Greenbrier	23.9	
	Dekalb	35	Hills	No	—			
CfC: Cateache silt loam, 8 to 15 percent slopes	Cateache	85	Hillslopes	No	—	Greenbrier	26.8	
CgC: Cateache silt loam, 3 to 15 percent slopes, very stony	Cateache	85	Hillslopes	No	—	Greenbrier	15.9	
CgE: Cateache silt loam, 15 to 35 percent slopes, very stony	Cateache	85	Hillslopes	No	—	Greenbrier	119.3	
CgF: Cateache silt loam, 35 to 55 percent slopes, very stony	Cateache	85	Hillslopes	No	—	Greenbrier	1,251.1	
CpB: Cookport loam, warm, 3 to 8 percent slopes	Cookport-Warm	70-90	Ridges	No	—	Greenbrier	157.4	1.8
	Nolo-Warm	0-7	Depressions	Yes	2			
CuC: Culleoka loam, 8 to 15 percent slopes	Culleoka	85	Valley floors	No	—	Greenbrier	123.3	
CuD: Culleoka loam, 15 to 25 percent slopes	Culleoka	85	Valley floors	No	—	Greenbrier	17.1	
CyE: Culleoka loam, 25 to 35 percent slopes, very stony	Culleoka	80	Valley floors	No	—	Greenbrier	263.6	
CyF: Culleoka loam, 35 to 55 percent slopes, very stony	Culleoka	75	Valley floors	No	—	Greenbrier	1,191.9	
DeC: Dekalb channery sandy loam, 3 to 15 percent slopes, very stony	Dekalb	75	Ridges	No	—	Greenbrier	225.9	9.3
DeE: Dekalb channery sandy loam, 15 to 35 percent slopes, very stony	Dekalb	75	Hills	No	—	Greenbrier	27.9	0.2
DeF: Dekalb channery sandy loam, 35 to 55 percent slopes, very stony	Dekalb	75	Mountain slopes	No	—	Greenbrier	39.1	
ErB: Ernest silt loam, 3 to 8 percent slopes	Ernest	80	Hillslopes	No	—	Greenbrier	121.6	
EsC: Ernest silt loam, moist, 3 to 15 percent slopes, extremely stony	Ernest-Moist	70-85	Hillslopes	No	—	Greenbrier	176.2	
	Atkins-Moist	1-5	Flood plains	Yes	2,3			
GnC: Gilpin channery silt loam, moist, 8 to 15 percent slopes	Gilpin-Moist	75-85	Hillslopes	No	—	Greenbrier	207.3	
GnD: Gilpin channery silt loam, moist, 15 to 25 percent slopes	Gilpin-Moist	65-85	Hillslopes	No	—	Greenbrier	166.9	0.4
GpC: Gilpin channery silt loam, moist, 3 to 15 percent slopes, very stony	Gilpin-Moist	70-80	Hillslopes	No	—	Greenbrier	1,722.9	12.7
GpE: Gilpin channery silt loam, moist, 15 to 35 percent slopes, very stony	Gilpin-Moist	70-85	Hillslopes	No	—	Greenbrier	1,143.2	
KxF: Kaymine-rock outcrop complex, very steep	Kaymine	70	Ridges	No	—	Greenbrier	1,403.7	0.7
	Rock outcrop	15	—	No	—			
LgC: Lily sandy loam, warm, 8 to 15 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Greenbrier	106.3	2.5
MaB: Macove channery silt loam, 3 to 8 percent slopes	Macove	85	Valley floors	No	—	Greenbrier	2.1	
MaC: Macove channery silt loam, 8 to 15 percent slopes	Macove	85	Valley floors	No	—	Greenbrier	452.7	
McC: Macove channery silt loam, 3 to 15 percent slopes, very stony	Macove	80	Valley floors	No	—	Greenbrier	758.2	2.3
McE: Macove channery silt loam, 15 to 35 percent slopes, very stony	Macove	75	Valley floors	No	—	Greenbrier	2,367.0	2.6
MeF: Macove-Gilpin complex, 35 to 55 percent slopes, very stony	Macove	55	Valley floors	No	—	Greenbrier	8,562.3	16.1
	Gilpin	30	Hillsides	No	—			
MkC: Mandy channery silt loam, 3 to 15 percent slopes, very stony	Mandy	85	Mountains	No	—	Greenbrier	79.6	
MkE: Mandy channery silt loam, 15 to 35 percent slopes, very stony	Mandy	80	Mountains	No	—	Greenbrier	297.4	
MkF: Mandy channery silt loam, 35 to 55 percent slopes, very stony	Mandy	80	Mountains	No	—	Greenbrier	78.9	
Ml: Melvin-Lindside complex	Melvin	50	Flood plains	Yes	2	Greenbrier	1,160.5	
	Lindside	35	Flood plains	No	—			
No: Nolin silt loam	Nolin	80	Flood plains	No	—	Greenbrier	20.8	
Ph: Philo silt loam	Philo	75	Flood plains	No	—	Greenbrier	10.0	
Po: Pope fine sandy loam, warm, 0 to 3 percent slopes, occasionally flooded	Pope-Warm	80-90	Flood plains	No	—	Greenbrier	137.4	5.6
	Atkins-Warm	0-10	Flood plains	Yes	2,3			
PuA: Purdy silt loam, 0 to 3 percent slopes	*Purdy*	*80*	*Lake terraces*	*Yes*	*2*	*Greenbrier*	*24.2*	
SfC: Shouns channery silt loam, 8 to 15 percent slopes	Shouns	85	Valley floors	No	—	Greenbrier	27.5	
ShE: Shouns channery silt loam, 15 to 35 percent slopes, extremely stony	Shouns	75	Valley floors	No	—	Greenbrier	50.0	
SvC: Summers very channery sandy loam, 0 to 15 percent slopes, very stony	Summers	75	Mountain slopes	No	—	Greenbrier	156.5	

Ux: Udorthents, smoothed-rock outcrop complex	Udorthents	60	—	No	—	Greenbrier	39.6	
	Rock outcrop	35	—	No	—			
W: Water	Water	100	—	No	—	Greenbrier	165.9	0.1
ZoA: Zoar silt loam, 0 to 3 percent slopes	Zoar	80	Terraces	No	—	Greenbrier	738.4	4.1

Data Source Information

Soil Survey Area: Greenbrier County, West Virginia

Survey Area Data: Version 16, Sep 13, 2021

Sewell Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Sewell Creek (Acres)	Project Area (Acres)
AlB: Allegheny loam, 3 to 8 percent slopes	Allegheny	90	Terraces	No	—	Greenbrier	8.0	
An: Atkins-Philo-Potomac complex	Atkins	35	Flood plains	Yes	2	Greenbrier	358.7	
	Philo	30	Flood plains	No	—			
	Potomac	20	Flood plains	No	—			
AtA: Atkins loam, warm, 0 to 3 percent slopes, frequently flooded	*Atkins-Warm*	*65-75*	*Flood plains*	*Yes*	*2*	*Fayette & Raleigh*	*36.4*	
	Knowlton-Warm	*10-20*	*Terraces*	*Yes*	*2*			
CaC: Cateache channery silt loam, 8 to 15 percent slopes	Cateache	60	Hillslopes	No	—	Fayette & Raleigh	181.8	
CaD: Cateache channery silt loam, 15 to 25 percent slopes	Cateache	65	Hillslopes	No	—	Fayette & Raleigh	160.2	
CaE: Cateache channery silt loam, 25 to 35 percent slopes	Cateache	65	Hillslopes	No	—	Fayette & Raleigh	161.0	
CcG: Cateache-Pipestem complex, 35 to 80 percent slopes, very stony	Cateache	41	Mountain slopes	No	—	Fayette & Raleigh	988.9	
	Pipestem	39	Mountain slopes	No	—			
CeF: Cedarcreek-Rock outcrop complex, very steep, very stony	Cedarcreek-Unstable fill	75	Mountain slopes	No	—	Fayette & Raleigh	114.3	
	Rock outcrop	15	Mountain slopes	—	—			
CeF: Caneyville-Frederick-Rock outcrop complex, karst, 35 to 60 percent slopes	Caneyville-Karst	40	Hillslopes	No	—	Greenbrier	164.5	
	Frederick-Karst	30	Hillslopes	No	—			
	Rock outcrop	20	—	No	—			
CfC: Cateache silt loam, 8 to 15 percent slopes	Cateache	85	Hillslopes	No	—	Greenbrier	102.8	
CfD: Cateache silt loam, 15 to 25 percent slopes	Cateache	85	Hills	No	—	Greenbrier	45.5	5.0
CfE: Cateache silt loam, 25 to 35 percent slopes	Cateache	85	Hillslopes	No	—	Greenbrier	58.0	
CgC: Cateache silt loam, 3 to 15 percent slopes, very stony	Cateache	85	Hillslopes	No	—	Greenbrier	154.4	3.5
CgE: Cateache silt loam, 15 to 35 percent slopes, very stony	Cateache	85	Hillslopes	No	—	Greenbrier	619.8	0.4
CgF: Cateache silt loam, 35 to 55 percent slopes, very stony	Cateache	85	Hillslopes	No	—	Greenbrier	1,209.5	12.1
ChA: Chavies fine sandy loam, warm, 0 to 3 percent slopes, rarely flooded	Chavies-Warm	80-90	Stream terraces	No	—	Fayette & Raleigh	1.6	
ClE: Clifftop channery silt loam, 25 to 35 percent slopes	Clifftop	65	Ridges	No	—	Fayette & Raleigh	443.3	
CnB: Clifftop-Nallen complex, 3 to 8 percent slopes	Clifftop	55	Ridges	No	—	Fayette & Raleigh	95.6	
	Nallen	30	Ridges	No	—			
CnC: Clifftop-Nallen complex, 8 to 15 percent slopes	Clifftop	50	Ridges	No	—	Fayette & Raleigh	854.7	
	Nallen	35	Ridges	No	—			
CnD: Clifftop-Nallen complex, 15 to 25 percent slopes	Clifftop	55	Ridges	No	—	Fayette & Raleigh	605.9	
	Nallen	25	Ridges	No	—			
CpB: Cookport-Nallen complex, 3 to 8 percent slopes	Cookport	50	Ridges	No	—	Fayette & Raleigh	67.6	
	Nallen	35	Ridges	No	—			
CuC: Culleoka loam, 8 to 15 percent slopes	Culleoka	85	Valley floors	No	—	Greenbrier	163.8	
CuD: Culleoka loam, 15 to 25 percent slopes	Culleoka	85	Valley floors	No	—	Greenbrier	64.3	0.9
CvA: Craigsville very gravelly sandy loam, 0 to 5 percent slopes, rarely flooded	Craigsville	90	Alluvial fans,flood plains	No	—	Fayette & Raleigh	11.7	
	Atkins	2	Flood plains	Yes	2			
CyE: Culleoka loam, 25 to 35 percent slopes, very stony	Culleoka	80	Valley floors	No	—	Greenbrier	630.7	
CyF: Culleoka loam, 35 to 55 percent slopes, very stony	Culleoka	75	Valley floors	No	—	Greenbrier	1,639.0	13.0
DeC: Dekalb channery sandy loam, 3 to 15 percent slopes, very stony	Dekalb	75	Ridges	No	—	Greenbrier	219.2	0.0
DeC: Dekalb channery fine sandy loam, 3 to 15 percent slopes	Dekalb	85	Mountain slopes	No	—	Mercer & Summers	34.2	
DeD: Dekalb channery fine sandy loam, 15 to 30 percent slopes	Dekalb	80	Mountain slopes	No	—	Mercer & Summers	14.9	
DeE: Dekalb channery sandy loam, 15 to 35 percent slopes, very stony	Dekalb	75	Hills	No	—	Greenbrier	106.9	
DeF: Dekalb channery sandy loam, 35 to 55 percent slopes, very stony	Dekalb	75	Mountain slopes	No	—	Greenbrier	116.4	
DgF: Dekalb-Gilpin-Jefferson complex, 35 to 80 percent slopes, very stony	Dekalb	35	Mountain slopes	No	—	Mercer & Summers	28.4	
	Gilpin	25	Mountain slopes	No	—			
	Jefferson	20	Mountain slopes	No	—			
DkC: Dekalb very channery loam, 3 to 15 percent slopes, extremely stony	Dekalb	80	Ridges	No	—	Fayette & Raleigh	178.6	
DkE: Dekalb-Rock outcrop complex, 15 to 35 percent slopes, extremely stony	Dekalb	55	Ridges	No	—	Fayette & Raleigh	221.0	
	Rock outcrop	15	Escarpments	—	—			
ErB: Ernest silt loam, 3 to 8 percent slopes	Ernest	80	Hillslopes	No	—	Greenbrier	113.4	
EsC: Ernest silt loam, moist, 3 to 15 percent slopes, extremely stony	Ernest-Moist	70-85	Hillslopes	No	—	Greenbrier	99.9	

EsC: Ernest silt loam, moist, 5 to 15 percent slopes, extremely stony	Atkins-Moist	1-5	Flood plains	Yes	2,3	Greenbrier	99.9	
FyE: Frederick-Caneyville complex, karst, 15 to 35 percent slopes, very rocky	Frederick	41	Hillslopes	No	—	Greenbrier	8.1	
	Caneyville	39	Hillslopes	No	—			
GbF: Gilpin-Berks channery silt loams, warm, 35 to 70 percent slopes	Gilpin-Warm	35-45	Hillslopes	No	—	Mercer & Summers	17.1	
	Berks-Warm	35-45	Hillslopes	No	—			
GnC: Gilpin channery silt loam, moist, 8 to 15 percent slopes	Gilpin-Moist	75-85	Hillslopes	No	—	Greenbrier	258.7	9.7
GnD: Gilpin channery silt loam, moist, 15 to 25 percent slopes	Gilpin-Moist	65-85	Hillslopes	No	—	Greenbrier	134.2	9.4
GpC: Gilpin channery silt loam, moist, 3 to 15 percent slopes, very stony	Gilpin-Moist	70-80	Hillslopes	No	—	Greenbrier	256.4	13.3
GpE: Gilpin channery silt loam, moist, 15 to 35 percent slopes, very stony	Gilpin-Moist	70-85	Hillslopes	No	—	Greenbrier	391.1	12.1
HgC: Highsplint channery loam, 3 to 15 percent slopes, very stony	Highsplint	65	Mountain slopes	No	—	Fayette & Raleigh	6.2	
HgE: Highsplint channery loam, 15 to 35 percent slopes, very stony	Highsplint	70	Mountain slopes	No	—	Fayette & Raleigh	120.1	
JsD: Jefferson channery loam, 15 to 35 percent slopes, very stony	Jefferson	80	Mountain slopes,drainageways	No	—	Mercer & Summers	2.8	
KmC: Kaymine very channery loam, 0 to 15 percent slopes, very stony	Kaymine-Unstable fill	70	— error in exists on —	No	—	Fayette & Raleigh	118.5	
KrF: Kaymine-Rock outcrop complex, very steep, very stony	Kaymine-Unstable fill	70	Mountain slopes	No	—	Fayette & Raleigh	565.9	
	Rock outcrop	10	Mountain slopes	—	—			
KrF: Kaymine-Rock outcrop complex, very steep, extremely stony	Kaymine-Unstable fill	65	Hillslopes	No	—	Mercer & Summers	26.2	
	Rock outcrop	15	—	No	—			
	Typic Epiaquents	2	Ridges,depressions	Yes	2,3			
KwA: Knowlton silt loam, 0 to 3 percent slopes, rarely flooded	*Knowlton*	*70*	*Terraces*	*Yes*	*2*	*Fayette & Raleigh*	*27.1*	
	Knowlton-Non-flooded	*10*	*Terraces*	*Yes*	*2*			
	Atkins	*5*	*Flood plains*	*Yes*	*2*			
KxF: Kaymine-rock outcrop complex, very steep	Kaymine	70	Ridges	No	—	Greenbrier	442.7	4.9
	Rock outcrop	15	—	No	—			
LaC: Laidig channery loam, 3 to 15 percent slopes, rubbly	Laidig	70	Mountain slopes	No	—	Fayette & Raleigh	392.9	
	Atkins	5	Flood plains	Yes	2			
LeF: Layland-Dekalb-Guyandotte complex, 35 to 70 percent slopes, extremely stony	Layland	45	Mountain slopes	No	—	Fayette & Raleigh	1,959.5	
	Dekalb	30	Ridges	No	—			
	Guyandotte	15	Mountain slopes	No	—			
LgC: Lily sandy loam, warm, 8 to 15 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Greenbrier	313.8	21.6
LgG: Layland-Dekalb-Rock outcrop complex, 55 to 80 percent slopes, extremely stony	Layland	45	Mountain slopes	No	—	Fayette & Raleigh	4.2	
	Dekalb	30	Ridges	No	—			
	Rock outcrop	10	Escarpments	—	—			
LhE: Layland-Laidig complex, 15 to 35 percent slopes, rubbly	Layland	55	Mountain slopes	No	—	Fayette & Raleigh	519.6	4.3
	Laidig	25	Mountain slopes	No	—			
LhE: Lily sandy loam, warm, 15 to 35 percent slopes, very stony	Lily-Warm	75-85	Hillslopes	No	—	Greenbrier	24.9	
Lo: Lobdell silt loam	Lobdell	75	Flood plains	No	—	Greenbrier	146.3	2.3
MaC: Macove channery silt loam, 8 to 15 percent slopes	Macove	85	Valley floors	No	—	Greenbrier	137.4	
McC: Macove channery silt loam, 3 to 15 percent slopes, very stony	Macove	80	Valley floors	No	—	Greenbrier	636.0	2.7
McE: Macove channery silt loam, 15 to 35 percent slopes, very stony	Macove	75	Valley floors	No	—	Greenbrier	655.6	0.7
McF: Macove-Clifftop complex, 35 to 55 percent slopes, very stony	Macove	55	Mountain slopes	No	—	Fayette & Raleigh	2,523.6	
	Clifftop	30	Mountain slopes	No	—			
MeF: Macove-Gilpin complex, 35 to 55 percent slopes, very stony	Macove	55	Valley floors	No	—	Greenbrier	3,300.1	27.8
	Gilpin	30	Hillsides	No	—			
Ml: Melvin-Lindside complex	Melvin	50	Flood plains	Yes	2	Greenbrier	365.1	
	Lindside	35	Flood plains	No	—			
NfC: Nallen-Fenwick complex, 8 to 15 percent slopes, very stony	Nallen	60	Ridges	No	—	Fayette & Raleigh	12.3	
	Fenwick	15	Ridges	No	—			
Ph: Philo silt loam	Philo	75	Flood plains	No	—	Greenbrier	58.4	
PhA: Philo-Pope complex, warm, 0 to 3 percent slopes, occasionally flooded	Philo-Warm	45-55	Flood plains	No	—	Fayette & Raleigh	272.4	
	Pope-Warm	25-35	Flood plains	No	—			
	Atkins-Warm	5-15	Flood plains	Yes	2			
PmC: Pipestem channery silty clay loam, 3 to 15 percent slopes, extremely stony	Pipestem	85	Mountain slopes	No	—	Fayette & Raleigh	256.0	
PmE: Pipestem channery silty clay loam, 15 to 35 percent slopes, extremely stony	Pipestem	85	Mountain slopes	No	—	Fayette & Raleigh	312.6	
Po: Pope fine sandy loam, warm, 0 to 3 percent slopes, occasionally	Pope-Warm	80-90	Flood plains	No	—	Greenbrier	67.1	

flooded	Atkins-Warm	0-10	Flood plains	Yes	2,3	Greenbrier	67.1	
Se: Sensabaugh loam	Sensabaugh	80	Flood plains	No	—	Greenbrier	29.0	
SfC: Shouns channery silt loam, 8 to 15 percent slopes	Shouns	85	Valley floors	No	—	Greenbrier	101.7	
ShC: Shouns channery silt loam, 3 to 15 percent slopes, extremely stony	Shouns	80	Valley floors	No	—	Greenbrier	260.9	
ShE: Shouns channery silt loam, 15 to 35 percent slopes, extremely stony	Shouns	75	Valley floors	No	—	Greenbrier	113.5	
Ud: Udorthents, smoothed	Udorthents-Smoothed	100	Mountain slopes	No	—	Fayette & Raleigh	38.0	
Ux: Udorthents, smoothed-rock outcrop complex	Udorthents	60	—	No	—	Greenbrier	23.2	
	Rock outcrop	35	—	No	—			
W: Water	Water	100	—	No	—	Greenbrier	1.1	
ZoA: Zoar silt loam, 0 to 3 percent slopes	Zoar	80	Terraces	No	—	Fayette & Raleigh	7.7	
ZoA: Zoar silt loam, 0 to 3 percent slopes	Zoar	80	Terraces	No	—	Greenbrier	944.9	1.2

Data Source Information

Soil Survey Area: Fayette and Raleigh Counties Area, West Virginia
Survey Area Data: Version 14, Sep 13, 2021
Soil Survey Area: Greenbrier County, West Virginia
Survey Area Data: Version 16, Sep 13, 2021
Soil Survey Area: Mercer and Summers Counties Area, West Virginia
Survey Area Data: Version 9, Sep 13, 2021

Otter Creek-Meadow River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Otter Creek-Meadow River (Acres)	Project Area (Acres)
At: Atkins silt loam	*Atkins*	*80*	*Flood plains*	*Yes*	*2*	*Mercer & Summers*	*16.5*	
BlC: Berks-Dekalb complex, 3 to 15 percent slopes, very stony	Berks	60	Hills	No	—	Greenbrier	6.8	
	Dekalb	30	Hills	No	—			
BlE: Berks-Dekalb complex, 15 to 35 percent slopes, very stony	Berks	55	Hills	No	—	Greenbrier	9.6	
	Dekalb	35	Hills	No	—			
CaC: Cateache channery silt loam, 8 to 15 percent slopes	Cateache	60	Hillslopes	No	—	Fayette & Raleigh	30.3	10.9
CaD: Cateache channery silt loam, 15 to 25 percent slopes	Cateache	65	Hillslopes	No	—	Fayette & Raleigh	60.1	
CaE: Cateache channery silt loam, 25 to 35 percent slopes	Cateache	65	Hillslopes	No	—	Fayette & Raleigh	114.5	
CcC: Cateache silt loam, 3 to 15 percent slopes	Cateache	80	Mountain slopes	No	—	Mercer & Summers	35.9	
CcD: Cateache silt loam, 15 to 25 percent slopes	Cateache	75	Mountain slopes	No	—	Mercer & Summers	37.4	
CcG: Cateache-Pipestem complex, 35 to 80 percent slopes, very stony	Cateache	41	Mountain slopes	No	—	Fayette & Raleigh	510.5	20.0
	Pipestem	39	Mountain slopes	No	—			
CeC: Cateache-Berks channery silt loams, 3 to 15 percent slopes	Cateache	50	Mountain slopes	No	—	Mercer & Summers	39.1	
	Berks	35	Structural benches,ridges	No	—			
CeD: Cateache-Berks channery silt loams, 15 to 30 percent slopes	Cateache	50	Mountain slopes	No	—	Mercer & Summers	152.5	10.6
	Berks	35	Structural benches,ridges	No	—			
CeD3: Cateache-Berks channery silt loams, 15 to 35 percent slopes, severely eroded	Cateache	55	Mountain slopes	No	—	Mercer & Summers	15.9	
	Berks	25	Structural benches,ridges	No	—			
CeF: Cateache-Berks channery silt loams, 30 to 70 percent slopes	Cateache	60	Mountain slopes	No	—	Mercer & Summers	597.9	1.2
	Berks	25	Ridges,hillslopes	No	—			
CeF3: Cateache-Berks channery silt loams, 35 to 70 percent slopes, severely eroded	Cateache	60	Mountain slopes	No	—	Mercer & Summers	11.4	
	Berks	20	Ridges,hillslopes	No	—			
CfB: Cateache silt loam, 3 to 8 percent slopes	Cateache	85	Hillslopes	No	—	Greenbrier	352.0	
CfC: Cateache silt loam, 8 to 15 percent slopes	Cateache	85	Hillslopes	No	—	Greenbrier	2,697.4	
CfD: Cateache silt loam, 15 to 25 percent slopes	Cateache	85	Hills	No	—	Greenbrier	1,661.9	1.0
CfE: Cateache silt loam, 25 to 35 percent slopes	Cateache	85	Hillslopes	No	—	Greenbrier	670.7	2.8
CfF: Cateache silt loam, 35 to 55 percent slopes	Cateache	85	Hillslopes	No	—	Greenbrier	155.4	
CgC: Cateache silt loam, 3 to 15 percent slopes, very stony	Cateache	85	Hillslopes	No	—	Greenbrier	430.5	
CgE: Cateache silt loam, 15 to 35 percent slopes, very stony	Cateache	85	Hillslopes	No	—	Greenbrier	2,587.3	0.7
CgF: Cateache silt loam, 35 to 55 percent slopes, very stony	Cateache	85	Hillslopes	No	—	Greenbrier	4,997.2	31.4
ChD: Cateache-Berks channery silt loams, 15 to 30 percent slopes, very stony	Cateache	50	Mountain slopes	No	—	Mercer & Summers	27.6	
	Berks	35	Structural benches,ridges	No	—			
ChF: Cateache-Berks channery silt loams, 30 to 70 percent slopes, very stony	Cateache	60	Mountain slopes	No	—	Mercer & Summers	835.8	2.7
	Berks	25	Hillslopes	No	—			
ClE: Clifftop channery silt loam, 25 to 35 percent slopes	Clifftop	65	Ridges	No	—	Fayette & Raleigh	20.3	
CnC: Clifftop-Nallen complex, 8 to 15 percent slopes	Clifftop	50	Ridges	No	—	Fayette & Raleigh	5.2	
	Nallen	35	Ridges	No	—			
CtB: Cotaco loam, 3 to 8 percent slopes	Cotaco	75	Stream terraces	No	—	Fayette & Raleigh	22.4	
	Knowlton	3	Terraces	Yes	2			
CuB: Culleoka loam, 3 to 8 percent slopes	Culleoka	90	Valley floors	No	—	Greenbrier	87.9	
CuC: Culleoka loam, 8 to 15 percent slopes	Culleoka	85	Valley floors	No	—	Greenbrier	400.2	0.3
CuD: Culleoka loam, 15 to 25 percent slopes	Culleoka	85	Valley floors	No	—	Greenbrier	417.7	0.8
CyE: Culleoka loam, 25 to 35 percent slopes, very stony	Culleoka	80	Valley floors	No	—	Greenbrier	489.2	1.6
CyF: Culleoka loam, 35 to 55 percent slopes, very stony	Culleoka	75	Valley floors	No	—	Greenbrier	2,241.1	
DeC: Dekalb channery sandy loam, 3 to 15 percent slopes, very stony	Dekalb	75	Ridges	No	—	Greenbrier	8.5	
DeC: Dekalb channery fine sandy loam, 3 to 15 percent slopes	Dekalb	85	Mountain slopes	No	—	Mercer & Summers	20.3	
DeD: Dekalb channery fine sandy loam, 15 to 30 percent slopes	Dekalb	80	Mountain slopes	No	—	Mercer & Summers	33.1	3.3
DeE: Dekalb channery sandy loam, 15 to 35 percent slopes, very stony	Dekalb	75	Hills	No	—	Greenbrier	2.6	
DeF: Dekalb channery sandy loam, 35 to 55 percent slopes, very stony	Dekalb	75	Mountain slopes	No	—	Greenbrier	1.9	
DgD: Dekalb-Gilpin-Jefferson complex, 15 to 35 percent slopes, very stony	Dekalb	30	Mountain slopes	No	—	Mercer & Summers	49.9	1.7
	Jefferson	25	Mountain slopes	No	—			
	Gilpin	25	Mountain slopes	No	—			

DgF: Dekalb-Gilpin-Jefferson complex, 35 to 80 percent slopes, very stony	Dekalb	35	Mountain slopes	No	—	Mercer & Summers	168.0	0.6
	Gilpin	25	Mountain slopes	No	—			
	Jefferson	20	Mountain slopes	No	—			
DkC: Dekalb very channery loam, 3 to 15 percent slopes, extremely stony	Dekalb	80	Ridges	No	—	Fayette & Raleigh	2.1	
EBC: Ernest and Buchanan soils, 3 to 15 percent slopes, very stony	Ernest	40	Fans,drainageways	No	—	Mercer & Summers	20.1	
	Buchanan	30	Hillslopes,drainageways	No	—			
	Atkins	5	Flood plains	Yes	2			
ErB: Ernest silt loam, 3 to 8 percent slopes	Ernest	80	Hillslopes	No	—	Greenbrier	119.1	
GaB: Gilpin silt loam, warm, 3 to 8 percent slopes	Gilpin-Warm	75-85	Hillslopes	No	—	Mercer & Summers	64.8	2.4
GaC: Gilpin silt loam, 8 to 15 percent slopes	Gilpin	80	Mountain slopes	No	—	Mercer & Summers	48.7	3.5
GaD: Gilpin silt loam, 15 to 25 percent slopes	Gilpin	80	Mountain slopes	No	—	Mercer & Summers	11.1	
GbC: Gilpin-Berks channery silt loams, warm, 8 to 15 percent slopes	Gilpin-Warm	50-60	Hillslopes	No	—	Mercer & Summers	190.9	0.9
	Berks-Warm	25-35	Hillslopes	No	—			
GbD: Gilpin-Berks channery silt loams, warm, 15 to 25 percent slopes	Gilpin-Warm	40-50	Hillslopes	No	—	Mercer & Summers	215.7	2.7
	Berks-Warm	35-45	Hillslopes	No	—			
GbF: Gilpin-Berks channery silt loams, warm, 35 to 70 percent slopes	Gilpin-Warm	35-45	Hillslopes	No	—	Mercer & Summers	29.1	0.7
	Berks-Warm	35-45	Hillslopes	No	—			
GnC: Gilpin channery silt loam, moist, 8 to 15 percent slopes	Gilpin-Moist	75-85	Hillslopes	No	—	Greenbrier	16.1	1.7
GnD: Gilpin channery silt loam, moist, 15 to 25 percent slopes	Gilpin-Moist	65-85	Hillslopes	No	—	Greenbrier	24.2	1.3
GpC: Gilpin channery silt loam, moist, 3 to 15 percent slopes, very stony	Gilpin-Moist	70-80	Hillslopes	No	—	Greenbrier	66.9	0.3
GpE: Gilpin channery silt loam, moist, 15 to 35 percent slopes, very stony	Gilpin-Moist	70-85	Hillslopes	No	—	Greenbrier	92.7	2.3
JsD: Jefferson channery loam, 15 to 35 percent slopes, very stony	Jefferson	80	Mountain slopes,drainageways	No	—	Mercer & Summers	61.1	
KmC: Kaymine very channery loam, 0 to 15 percent slopes, very stony	Kaymine-Unstable fill	70	— error in exists on —	No	—	Fayette & Raleigh	19.1	
KrF: Kaymine-Rock outcrop complex, very steep, very stony	Kaymine-Unstable fill	70	Mountain slopes	No	—	Fayette & Raleigh	24.0	
	Rock outcrop	10	Mountain slopes	—	—			
KrF: Kaymine-Rock outcrop complex, very steep, extremely stony	Kaymine-Unstable fill	65	Hillslopes	No	—	Mercer & Summers	1.5	
	Rock outcrop	15	—	No	—			
	Typic Epiaquents	2	Ridges,depressions	Yes	2,3			
KxF: Kaymine-rock outcrop complex, very steep	Kaymine	70	Ridges	No	—	Greenbrier	42.5	
	Rock outcrop	15	—	No	—			
LaC: Laidig channery loam, 3 to 15 percent slopes, rubbly	Laidig	70	Mountain slopes	No	—	Fayette & Raleigh	2.5	
	Atkins	5	Flood plains	Yes	2			
LeF: Layland-Dekalb-Guyandotte complex, 35 to 70 percent slopes, extremely stony	Layland	45	Mountain slopes	No	—	Fayette & Raleigh	0.2	
	Dekalb	30	Ridges	No	—			
	Guyandotte	15	Mountain slopes	No	—			
LgB: Lily sandy loam, warm, 3 to 8 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Greenbrier	566.3	
LgC: Lily sandy loam, warm, 8 to 15 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Greenbrier	635.6	0.6
LgG: Layland-Dekalb-Rock outcrop complex, 55 to 80 percent slopes, extremely stony	Layland	45	Mountain slopes	No	—	Fayette & Raleigh	3.7	
	Dekalb	30	Ridges	No	—			
	Rock outcrop	10	Escarpments	—	—			
LhE: Lily sandy loam, warm, 15 to 35 percent slopes, very stony	Lily-Warm	75-85	Hillslopes	No	—	Greenbrier	175.6	
LlB: Lily loam, warm, 3 to 8 percent slopes	Lily-Warm	70-80	Hillslopes	No	—	Mercer & Summers	98.3	5.4
LlC: Lily loam, warm, 8 to 15 percent slopes	Lily-Warm	70-80	Hillslopes	No	—	Mercer & Summers	65.6	3.7
LlD: Lily loam, warm, 15 to 25 percent slopes	Lily-Warm	70-80	Hillslopes	No	—	Mercer & Summers	6.2	
Lo: Lobdell silt loam	Lobdell	75	Flood plains	No	—	Greenbrier	22.8	
MaC: Macove channery silt loam, 8 to 15 percent slopes	Macove	85	Valley floors	No	—	Greenbrier	218.3	
McC: Macove channery silt loam, 3 to 15 percent slopes, very stony	Macove	80	Valley floors	No	—	Greenbrier	286.7	
McE: Macove channery silt loam, 15 to 35 percent slopes, very stony	Macove	75	Valley floors	No	—	Greenbrier	156.1	
McF: Macove-Clifftop complex, 35 to 55 percent slopes, very stony	Macove	55	Mountain slopes	No	—	Fayette & Raleigh	99.0	
	Clifftop	30	Mountain slopes	No	—			
Md: Melvin-Lindside complex	Melvin	50	Flood plains	Yes	2	Mercer & Summers	17.7	
	Lindside	35	Flood plains	No	—			
MeF: Macove-Gilpin complex, 35 to 55 percent slopes, very stony	Macove	55	Valley floors	No	—	Greenbrier	653.6	10.8
	Gilpin	30	Hillsides	No	—			

Ml: Melvin-Lindside complex	Melvin	50	Flood plains	Yes	2	Greenbrier	653.6	8.6
	Lindside	35	Flood plains	No	—			
MlA: Melvin-Lindside complex, 0 to 3 percent slopes, frequently flooded	Melvin	50	Flood plains	Yes	2	Fayette & Raleigh	36.1	1.7
	Lindside	35	Flood plains	No	—			
No: Nolin silt loam	Nolin	80	Flood plains	No	—	Greenbrier	209.1	
Oe: Orrville silt loam	Orrville	80	Flood plains	No	—	Mercer & Summers	65.1	
	Holly	5	Flood plains	Yes	2			
PhA: Philo-Pope complex, warm, 0 to 3 percent slopes, occasionally flooded	Philo-Warm	45-55	Flood plains	No	—	Fayette & Raleigh	32.5	
	Pope-Warm	25-35	Flood plains	No	—			
	Atkins-Warm	5-15	Flood plains	Yes	2			
PmC: Pipestem channery silty clay loam, 3 to 15 percent slopes, extremely stony	Pipestem	85	Mountain slopes	No	—	Fayette & Raleigh	127.1	
PmE: Pipestem channery silty clay loam, 15 to 35 percent slopes, extremely stony	Pipestem	85	Mountain slopes	No	—	Fayette & Raleigh	51.5	
PuA: Purdy silt loam, 0 to 3 percent slopes	*Purdy*	*80*	*Lake terraces*	*Yes*	*2*	*Greenbrier*	*4.3*	
SfB: Shouns channery silt loam, 3 to 8 percent slopes	Shouns	85	Valley floors	No	—	Greenbrier	22.5	
SfC: Shouns channery silt loam, 8 to 15 percent slopes	Shouns	85	Valley floors	No	—	Greenbrier	8,700.0	0.5
ShB: Shouns silt loam, 3 to 8 percent slopes	Shouns	70	Mountain slopes	No	—	Mercer & Summers	72.6	
ShC: Shouns channery silt loam, 3 to 15 percent slopes, extremely stony	Shouns	80	Valley floors	No	—	Greenbrier	741.3	1.0
ShC: Shouns silt loam, 8 to 15 percent slopes	Shouns	80	Mountain slopes	No	—	Mercer & Summers	186.2	
ShD: Shouns silt loam, 15 to 30 percent slopes	Shouns	75	Mountain slopes	No	—	Mercer & Summers	10.9	
ShE: Shouns channery silt loam, 15 to 35 percent slopes, extremely stony	Shouns	75	Valley floors	No	—	Greenbrier	710.2	6.4
ShF: Shouns channery silt loam, 35 to 55 percent slopes, extremely stony	Shouns	75	Valley floors	No	—	Greenbrier	63.8	
StC: Shouns silt loam, 3 to 15 percent slopes, very stony	Shouns	75	Mountain slopes	No	—	Mercer & Summers	62.3	
StD: Shouns silt loam, 15 to 30 percent slopes, very stony	Shouns	75	Mountain slopes	No	—	Mercer & Summers	54.0	
Ux: Udorthents, smoothed-rock outcrop complex	Udorthents	60	—	No	—	Greenbrier	543.4	0.6
	Rock outcrop	35	—	No	—			
W: Water	Water	100	—	No	—	Greenbrier	63.3	
W: Water	Water	100	—	No	—	Mercer & Summers	1.9	
WeC: Weikert channery silt loam, 8 to 15 percent slopes	Weikert	85	Ridges	No	—	Greenbrier	22.5	
	Brinkerton	1	Hillslopes	Yes	2			
ZoA: Zoar silt loam, 0 to 3 percent slopes	Zoar	80	Terraces	No	—	Fayette & Raleigh	3.2	0.1
ZoA: Zoar silt loam, 0 to 3 percent slopes	Zoar	80	Terraces	No	—	Greenbrier	503.5	3.6

Data Source Information

Soil Survey Area: Fayette and Raleigh Counties Area, West Virginia
Survey Area Data: Version 14, Sep 13, 2021
Soil Survey Area: Greenbrier County, West Virginia
Survey Area Data: Version 16, Sep 13, 2021
Soil Survey Area: Mercer and Summers Counties Area, West Virginia
Survey Area Data: Version 9, Sep 13, 2021

Lick Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Meadow Creek (Acres)	Project Area (Acres)
CbD: Cateache channery silt loam, 15 to 25 percent slopes, very stony	Cateache	75	Structural benches,ridges	No	—	New River Gorge	11.0	—
CbE: Cateache channery silt loam, 25 to 35 percent slopes, very stony	Cateache	75	Mountain slopes	No	—	New River Gorge	19.8	
CcC: Cateache silt loam, 3 to 15 percent slopes	Cateache	80	Mountain slopes	No	—	Mercer and Summers	601.3	3.9
CcD: Cateache silt loam, 15 to 25 percent slopes	Cateache	75	Mountain slopes	No	—	Mercer and Summers	155.7	—
CcG: Cateache-Pipestem complex, 35 to 80 percent slopes, very stony	Cateache	41	Mountain slopes	No	—	New River Gorge	44.5	—
	Pipestem	39	Mountain slopes	No	—			
CdC: Cateache silt loam, 3 to 15 percent slopes, very stony	Cateache	85	Hillslopes	No	—	Mercer and Summers	6.6	—
CeC: Cateache-Berks channery silt loams, 3 to 15 percent slopes	Cateache	50	Mountain slopes	No	—	Mercer and Summers	406.4	2.1
	Berks	35	Structural benches,ridges	No	—			
CeC3: Cateache-Berks channery silt loams, 8 to 15 percent slopes, severely eroded	Cateache	50	Mountain slopes	No	—	Mercer and Summers	24.0	—
	Berks	30	Structural benches,ridges	No	—			
CeD: Cateache-Berks channery silt loams, 15 to 30 percent slopes	Cateache	50	Mountain slopes	No	—	Mercer and Summers	2,425.7	7.2
	Berks	35	Structural benches,ridges	No	—			
CeD3: Cateache-Berks channery silt loams, 15 to 35 percent slopes, severely eroded	Cateache	55	Mountain slopes	No	—	Mercer and Summers	511.0	—
	Berks	25	Structural benches,ridges	No	—			
CeF: Cateache-Berks channery silt loams, 30 to 70 percent slopes	Cateache	60	Mountain slopes	No	—	Mercer and Summers	6,195.8	2.1
	Berks	25	Ridges,hillslopes	No	—			
CeF3: Cateache-Berks channery silt loams, 35 to 70 percent slopes, severely eroded	Cateache	60	Mountain slopes	No	—	Mercer and Summers	589.0	—
	Berks	0	Ridges,hillslopes	No	—			
CgC: Cateache silt loam, 3 to 15 percent slopes, very stony	Cateache	85	Hillslopes	No	—	Greenbrier	6.9	0.0
CgF: Cateache silt loam, 35 to 55 percent slopes, very stony	Cateache	85	Hillslopes	No	—	Greenbrier	13.9	0.2
ChA: Chavies fine sandy loam, 0 to 3 percent slopes, rarely flooded	Chavies-Rarely flooded	75	Flood plains on river valleys	No	—	New River Gorge	3.1	—
ChD: Cateache-Berks channery silt loams, 15 to 30 percent slopes, very stony	Cateache	50	Mountain slopes	No	—	Mercer and Summers	323.1	5.8
	Berks	35	Structural benches,ridges	No	—			
ChF: Cateache-Berks channery silt loams, 30 to 70 percent slopes, very stony	Cateache	60	Mountain slopes	No	—	Mercer and Summers	5,575.0	16.1
	Berks	25	Hillslopes	No	—			
Cm: Chagrin loam	Chagrin	85	Flood plains	No	—	Mercer and Summers	557.3	5.9
	Holly	5	Flood plains	Yes	2			
CTC: Coolville and Latham silt loams, 3 to 15 percent slopes	Coolville	55	Mountain slopes	No	—	Mercer and Summers	45.5	—
	Latham	25	Mountain slopes	No	—			
CTD: Coolville and Latham silt loams, 15 to 25 percent slopes	Coolville	50	Mountain slopes	No	—	Mercer and Summers	10.7	—
	Latham	30	Mountain slopes	No	—			
DeC: Dekalb channery sandy loam, 3 to 15 percent slopes, very stony	Dekalb	75	Ridges	No	—	Greenbrier	4.8	—
DeC: Dekalb channery fine sandy loam, 3 to 15 percent slopes	Dekalb	85	Mountain slopes	No	—	Mercer and Summers	59.8	4.7
DeD: Dekalb channery fine sandy loam, 15 to 30 percent slopes	Dekalb	80	Mountain slopes	No	—	Mercer and Summers	152.8	3.0
DgD: Dekalb-Gilpin-Jefferson complex, 15 to 35 percent slopes, very stony	Dekalb	30	Mountain slopes	No	—	Mercer and Summers	133.5	0.9
	Jefferson	25	Mountain slopes	No	—			
	Gilpin	25	Mountain slopes	No	—			
DgF: Dekalb-Gilpin-Jefferson complex, 35 to 80 percent slopes, very stony	Dekalb	35	Mountain slopes	No	—	Mercer and Summers	340.8	4.1
	Gilpin	25	Mountain slopes	No	—			
	Jefferson	20	Mountain slopes	No	—			
EBC: Ernest and Buchanan soils, 3 to 15 percent slopes, very stony	Ernest	40	Fans,drainageways	No	—	Mercer and Summers	128.7	—
	Buchanan	30	Hillslopes,drainageways	No	—			
	Atkins	5	Flood plains	Yes	2			

EBD: Ernest and Buchanan soils, 15 to 30 percent slopes, very stony	Ernest	40	Fans,drainageways	No	—	Mercer and Summers	24.3	—
	Buchanan	35	Hillslopes,drainageways	No	—			
ErB: Ernest silt loam, warm, 3 to 8 percent slopes	Ernest-Warm	75-85	Hillslopes	No	—	Mercer and Summers	55.0	—
	Atkins-Warm	44203	Flood plains	Yes	2			
ErC: Ernest silt loam, warm, 8 to 15 percent slopes	Ernest-Warm	75-85	Hillslopes	No	—	Mercer and Summers	19.5	—
	Atkins-Warm	44203	Flood plains	Yes	2			
GaB: Gilpin silt loam, warm, 3 to 8 percent slopes	Gilpin-Warm	75-85	Hillslopes	No	—	Mercer and Summers	117.9	1.1
GaC: Gilpin silt loam, 8 to 15 percent slopes	Gilpin	80	Mountain slopes	No	—	Mercer and Summers	185.5	1.8
GaD: Gilpin silt loam, 15 to 25 percent slopes	Gilpin	80	Mountain slopes	No	—	Mercer and Summers	117.6	—
GaD: Gilpin loam, 15 to 25 percent slopes	Gilpin	70	Ridges,structural benches	No	—	New River Gorge	2.3	—
GbC: Gilpin-Berks channery silt loams, warm, 8 to 15 percent slopes	Gilpin-Warm	50-60	Hillslopes	No	—	Mercer and Summers	218.2	6.9
	Berks-Warm	25-35	Hillslopes	No	—			
GbD: Gilpin-Berks channery silt loams, warm, 15 to 25 percent slopes	Gilpin-Warm	40-50	Hillslopes	No	—	Mercer and Summers	979.4	12.0
	Berks-Warm	35-45	Hillslopes	No	—			
GbD3: Gilpin-Berks channery silt loams, warm, 15 to 25 percent slopes, severely eroded	Gilpin-Warm	40-50	Hillslopes	No	—	Mercer and Summers	12.3	—
	Berks-Warm	35-45	Hillslopes	No	—			
GbE: Gilpin-Berks complex, 25 to 35 percent slopes, very stony	Gilpin	60	Mountain slopes	No	—	New River Gorge	4.2	—
	Berks	20	Mountain slopes	No	—			
GbF: Gilpin-Berks channery silt loams, warm, 35 to 70 percent slopes	Gilpin-Warm	35-45	Hillslopes	No	—	Mercer and Summers	462.2	1.5
	Berks-Warm	35-45	Hillslopes	No	—			
GbF3: Gilpin-Berks channery silt loams, warm, 35 to 70 percent slopes, severely eroded	Gilpin-Warm	35-45	Hillslopes	No	—	Mercer and Summers	10.8	—
	Berks-Warm	35-45	Hillslopes	No	—			
GhG: Gilpin-Highsplint-Berks complex, 35 to 90 percent slopes, extremely stony	Gilpin	45	Mountain slopes	No	—	New River Gorge	7.5	—
	Highsplint	25	Mountain slopes	No	—			
	Berks	20	Mountain slopes	No	—			
JsD: Jefferson channery loam, 15 to 35 percent slopes, very stony	Jefferson	80	Mountain slopes,drainageways	No	—	Mercer and Summers	76.7	1.4
JsF: Jefferson channery loam, 35 to 60 percent slopes, very stony	Jefferson	75	Mountain slopes,drainageways	No	—	Mercer and Summers	14.7	—
Ka: Kanawha fine sandy loam	Kanawha	85	Stream terraces,flood plains	No	—	Mercer and Summers	71.0	—
KrF: Kaymine-Rock outcrop complex, very steep, extremely stony	Kaymine-Unstable fill	65	Hillslopes	No	—	Mercer and Summers	67.8	—
	Rock outcrop	15	—	No	—			
	Typic Epiaquents	2	Ridges,depressions	Yes	2,3			
KxF: Kaymine-rock outcrop complex, very steep	Kaymine	70	Ridges	No	—	Greenbrier	0.5	—
	Rock outcrop	15	—	No	—			
LhE: Layland-Laidig complex, 15 to 35 percent slopes, rubbly	Layland	60	Mountain slopes	No	—	New River Gorge	5.2	—
	Laidig	25	Mountain slopes	No	—			
LlB: Lily loam, warm, 3 to 8 percent slopes	Lily-Warm	70-80	Hillslopes	No	—	Mercer and Summers	688.6	22.5
LlC: Lily loam, warm, 8 to 15 percent slopes	Lily-Warm	70-80	Hillslopes	No	—	Mercer and Summers	429.1	5.0
LlC: Lily loam, 8 to 15 percent slopes	Lily	70	Ridges,structural benches	No	—	New River Gorge	0.6	—
LlD: Lily loam, warm, 15 to 25 percent slopes	Lily-Warm	70-80	Hillslopes	No	—	Mercer and Summers	107.5	—
Lo: Lobdell loam	Lobdell	80	Flood plains	No	—	Mercer and Summers	65.8	—
	Holly	5	Flood plains	Yes	2			
LxG: Lithic Udorthents-Rock outcrop complex, cut land, 5 to 100 percent slopes	Lithic Udorthents-Cut land	50	Mountain slopes	No	—	New River Gorge	9.3	—
	Rock outcrop	40	Mountain slopes	No	—			
MgB: Monongahela silt loam, warm, 3 to 8 percent slopes	Monongahela-Warm	80-90	Stream terraces	No	—	Mercer and Summers	11.3	—
PkC: Pipestem channery silty clay loam, 3 to 15 percent slopes, very stony	Pipestem	85	Mountain slopes	No	—	New River Gorge	2.9	—
PmE: Pipestem channery silty clay loam, 15 to 35 percent slopes, extremely stony	Pipestem	80	Mountain slopes	No	—	New River Gorge	37.1	—

PxA: Potomac-Nelse complex, 0 to 5 percent slopes, extremely stony, frequently flooded	Potomac-Frequently flooded	60	Flood plains on river valleys	No	—	New River Gorge	6.1	—
	Nelse-Frequently flooded	20	Flood plains on river valleys	No	—			
ShB: Shouns silt loam, 3 to 8 percent slopes	Shouns	70	Mountain slopes	No	—	Mercer and Summers	65.2	—
ShC: Shouns channery silt loam, 3 to 15 percent slopes, extremely stony	Shouns	80	Valley floors	No	—	Greenbrier	4.1	—
ShC: Shouns silt loam, 8 to 15 percent slopes	Shouns	80	Mountain slopes	No	—	Mercer and Summers	519.1	1.1
ShD: Shouns silt loam, 15 to 30 percent slopes	Shouns	75	Mountain slopes	No	—	Mercer and Summers	185.1	—
StC: Shouns silt loam, 3 to 15 percent slopes, very stony	Shouns	75	Mountain slopes	No	—	Mercer and Summers	668.8	—
StD: Shouns silt loam, 15 to 30 percent slopes, very stony	Shouns	75	Mountain slopes	No	—	Mercer and Summers	1,046.1	4.6
TtB: Tilsit silt loam, 3 to 8 percent slopes	Tilsit	80	Ridges	No	—	Mercer and Summers	30.5	—
U2: Udorthents, smoothed	Udorthents-Smoothed	100	—	No	—	Mercer and Summers	338.3	—
UgC: Udorthents, graded, 0 to 15 percent slopes	Udorthents-Graded	85	—	No	—	New River Gorge	6.9	—
Ud: Udifluvents and Psamments, frequently flooded	Udifluvents	50	Flood plains	No	—	Mercer and Summers	51.5	—
	Psamments	30	Flood plains	No	—			
UgF: Udorthents, graded, 15 to 55 percent slopes	Udorthents-Graded	85	—	No	—	New River Gorge	0.8	—
Ur: Udorthents, railroad grade	Udorthents-Railroad grade	93	—	No	—	New River Gorge	2.8	—
	Endoaquepts-Frequently ponded	1	Mountain slopes	Yes	2,3			
Uu: Udorthents-Urban land complex, highways	Udorthents-Highways	70	—	No	—	New River Gorge	15.8	—
	Urban land-Highways	25	—	No	—			
Ux: Udorthents, smoothed-rock outcrop complex	Udorthents	60	—	No	—	Greenbrier	9.8	—
	Rock outcrop	35	—	No	—			

Data Source Information

Soil Survey Area: Greenbrier County, West Virginia
Survey Area Data: Version 16, Sep 13, 2021
Soil Survey Area: Mercer and Summers Counties Area, West Virginia
Survey Area Data: Version 9, Sep 13, 2021
Soil Survey Area: New River Gorge National River, West Virginia
Survey Area Data: Version 9, Sep 13, 2021

Hungard Creek-Greenbrier River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Hungard Creek-Greenbrier River (Acres)	Project Area (Acres)
At: Atkins silt loam	*Atkins*	*80*	*Flood plains*	*Yes*	*2*	*Mercer and Summers*	*10.9*	—
At: Atkins silt loam, warm, 0 to 3 percent slopes, frequently flooded	Atkins-Warm	80-90	Flood plains	Yes	2	Monroe	12.2	—
BtC: Blackthorn very channery loam, 3 to 15 percent slopes, extremely stony	Blackthorn	75	Hillslopes	No	—	Monroe	12.5	—
CcC: Cateache silt loam, 3 to 15 percent slopes	Cateache	80	Mountain slopes	No	—	Mercer and Summers	111.2	2.4
CcD: Cateache silt loam, 15 to 25 percent slopes	Cateache	75	Mountain slopes	No	—	Mercer and Summers	21.8	—
CeC: Cateache-Berks channery silt loams, 3 to 15 percent slopes	Cateache	50	Mountain slopes	No	—	Mercer and Summers	394.7	3.9
	Berks	35	Structural benches,ridges	No	—			
CeC3: Cateache-Berks channery silt loams, 8 to 15 percent slopes, severely eroded	Cateache	50	Mountain slopes	No	—	Mercer and Summers	21.5	—
	Berks	30	Structural benches,ridges	No	—			
CeD: Cateache-Berks channery silt loams, 15 to 30 percent slopes	Cateache	50	Mountain slopes	No	—	Mercer and Summers	1,796.5	20.2
	Berks	35	Structural benches,ridges	No	—			
CeD3: Cateache-Berks channery silt loams, 15 to 35 percent slopes, severely eroded	Cateache	55	Mountain slopes	No	—	Mercer and Summers	68.8	—
	Berks	25	Structural benches,ridges	No	—			
CeF: Cateache-Berks channery silt loams, 30 to 70 percent slopes	Cateache	60	Mountain slopes	No	—	Mercer and Summers	3,879.2	7
	Berks	25	Ridges,hillslopes	No	—			
CeF3: Cateache-Berks channery silt loams, 35 to 70 percent slopes, severely eroded	Cateache	60	Mountain slopes	No	—	Mercer and Summers	136.7	—
	Berks	20	Ridges,hillslopes	No	—			
CfC: Cateache silt loam, 8 to 15 percent slopes	Cateache	85	Hillslopes	No	—	Monroe	9.7	—
ChD: Cateache-Berks channery silt loams, 15 to 30 percent slopes, very stony	Cateache	50	Mountain slopes	No	—	Mercer and Summers	246.7	2.2
	Berks	35	Structural benches,ridges	No	—			
ChF: Cateache-Berks channery silt loams, 30 to 70 percent slopes, very stony	Cateache	60	Mountain slopes	No	—	Mercer and Summers	2,587.8	29.3
	Berks	25	Hillslopes	No	—			
ClD: Cateache-Litz complex, 15 to 25 perecnt slopes	Cateache	51	Hills	No	—	Monroe	261.3	2.4
	Litz	49	Hills	No	—			
ClE: Cateache-Litz complex, 25 to 35 percent slopes	Cateache	60	Hillslopes	No	—	Monroe	285.1	5.2
	Litz	40	Hillslopes	No	—			
ClF: Cateache-Litz complex, 35 to 55 percent slopes	Cateache	60	Hillslopes	No	—	Monroe	2,684.3	27..8
	Litz	40	Hillslopes	No	—			
Cm: Chagrin loam	Chagrin	85	Flood plains	No	—	Mercer and Summers	316.8	5.5
	Holly	5	Flood plains	Yes	2			
CnD: Clymer-Gilpin complex, 15 to 30 percent slopes	Clymer	45	Mountain slopes	No	—	Mercer and Summers	7.8	—
	Gilpin	40	Mountain slopes	No	—			
CnE: Cateache-Litz complex, 15 to 35 percent slopes, very stony	Cateache	60	Hillslopes	No	—	Monroe	1.8	—
	Litz	40	Hillslopes	No	—			
CnF: Cateache-Litz complex, 35 to 60 percent slopes, very stony	Cateache	60	Hillslopes	No	—	Monroe	586.5	—
	Litz	40	Hillslopes	No	—			
CsB: Clarksburg silt loam, 3 to 8 percent slopes	Clarksburg	95	Valley floors	No	—	Monroe	9.5	—
	Melvin	5	Flood plains,flood plains	Yes	2			
CTC: Coolville and Latham silt loams, 3 to 15 percent slopes	Coolville	55	Mountain slopes	No	—	Mercer and Summers	28.2	—
	Latham	25	Mountain slopes	No	—			
CuF: Culleoka silt loam, 30 to 65 percent slopes	Culleoka	80	Mountain slopes	No	—	Mercer and Summers	471.2	2.4
CyF: Culleoka loam, 35 to 55 percent slopes, very stony	Culleoka	75	Valley floors	No	—	Monroe	2.1	—
DeC: Dekalb channery fine sandy loam, 3 to 15 percent slopes	Dekalb	85	Mountain slopes	No	—	Mercer and Summers	32.4	4

DeD: Dekalb channery fine sandy loam, 15 to 30 percent slopes	Dekalb	80	Mountain slopes	No	—	Mercer and Summers	59.0	1.7
DeD: Dekalb channery loam, 15 to 25 percent slopes, very stony	Dekalb	100	Ridges	No	—	Monroe	9.1	—
DeE: Dekalb channery loam, 25 to 35 percent slopes, very stony	Dekalb	100	Ridges	No	—	Monroe	6.8	—
DeF: Dekalb channery loam, 35 to 55 percent slopes, very stony	Dekalb	100	Mountain slopes	No	—	Monroe	55.2	—
DeG: Dekalb channery loam, 55 to 70 percent slopes, very stony	Dekalb	100	Mountain slopes	No	—	Monroe	2.3	—
DgD: Dekalb-Gilpin-Jefferson complex, 15 to 35 percent slopes, very stony	Dekalb	30	Mountain slopes	No	—	Mercer and Summers	108.4	0.3
	Jefferson	25	Mountain slopes	No	—			
	Gilpin	25	Mountain slopes	No	—			
DgF: Dekalb-Gilpin-Jefferson complex, 35 to 80 percent slopes, very stony	Dekalb	35	Mountain slopes	No	—	Mercer and Summers	206.2	1.2
	Gilpin	25	Mountain slopes	No	—			
	Jefferson	20	Mountain slopes	No	—			
EBC: Ernest and Buchanan soils, 3 to 15 percent slopes, very stony	Ernest	40	Fans,drainageways	No	—	Mercer and Summers	71.4	—
	Buchanan	30	Hillslopes,drainageways	No	—			
	Atkins	5	Flood plains	Yes	2			
ErB: Ernest silt loam, warm, 3 to 8 percent slopes	Ernest-Warm	75-85	Hillslopes	No	—	Mercer and Summers	11.7	—
	Atkins-Warm	1-7	Flood plains	Yes	2			
ErC: Ernest silt loam, warm, 8 to 15 percent slopes	Ernest-Warm	75-85	Hillslopes	No	—	Mercer and Summers	133.2	0.3
	Atkins-Warm	1-7	Flood plains	Yes	2			
ErD: Ernest silt loam, warm, 15 to 25 percent slopes	Ernest-Warm	75-85	Hillslopes	No	—	Mercer and Summers	30.1	—
	Brinkerton-Warm, wooded	1-5	Hillslopes	Yes	2			
FaC: Frankstown silt loam, 8 to 15 percent slopes	Frankstown	100	Hills	No	—	Monroe	3.0	—
FaD: Frankstown silt loam, 15 to 25 percent slopes	Frankstown	100	Hills	No	—	Monroe	11.3	—
FaE: Frankstown silt loam, 25 to 35 percent slopes	Frankstown	100	Hillslopes	No	—	Monroe	17.8	—
FkC: Frederick silt loam, 3 to 15 percent slopes	Frederick	85	Mountain slopes	No	—	Mercer and Summers	305.8	13.6
GaB: Gilpin silt loam, warm, 3 to 8 percent slopes	Gilpin-Warm	75-85	Hillslopes	No	—	Mercer and Summers	54.8	1.5
GaC: Gilpin silt loam, 8 to 15 percent slopes	Gilpin	80	Mountain slopes	No	—	Mercer and Summers	251.4	6.2
GaD: Gilpin silt loam, 15 to 25 percent slopes	Gilpin	80	Mountain slopes	No	—	Mercer and Summers	28.7	—
GbC: Gilpin-Berks channery silt loams, warm, 8 to 15 percent slopes	Gilpin-Warm	50-60	Hillslopes	No	—	Mercer and Summers	193.5	13.2
	Berks-Warm	25-35	Hillslopes	No	—			
GbD: Gilpin-Berks channery silt loams, warm, 15 to 25 percent slopes	Gilpin-Warm	40-50	Hillslopes	No	—	Mercer and Summers	644.4	9.8
	Berks-Warm	35-45	Hillslopes	No	—			
GbF: Gilpin-Berks channery silt loams, warm, 35 to 70 percent slopes	Gilpin-Warm	35-45	Hillslopes	No	—	Mercer and Summers	490.1	7.9
	Berks-Warm	35-45	Hillslopes	No	—			
GbF3: Gilpin-Berks channery silt loams, warm, 35 to 70 percent slopes, severely eroded	Gilpin-Warm	35-45	Hillslopes	No	—	Mercer and Summers	27.4	1.7
	Berks-Warm	35-45	Hillslopes	No	—			
GLB: Gilpin and Lily soils, 3 to 8 percent slopes	Gilpin	51	Hills	No	—	Monroe	46.3	1
	Lily	49	Hills	No	—			
GLC: Gilpin and Lily soils, 8 to 15 percent slopes	Gilpin	51	Hills	No	—	Monroe	29.3	0.7
	Lily	49	Hills	No	—			
Ka: Kanawha fine sandy loam	Kanawha	85	Stream terraces,flood plains	No	—	Mercer and Summers	196.1	6
LaB: Laidig channery loam, 3 to 8 percent slopes	Laidig	95	Valley floors	No	—	Monroe	3.1	—
	Melvin	5	Flood plains	Yes	2			
LaC: Laidig channery loam, 8 to 15 percent slopes	Laidig	100	Valley floors	No	—	Monroe	8.0	2.4
LbC: Laidig channery loam, 3 to 15 percent slopes, very stony	Laidig	100	Valley floors	No	—	Monroe	54.8	—
LfC: Lily channery loam, warm, 8 to 15 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Monroe	3.0	—
LfD: Lily channery loam, warm, 15 to 25 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Monroe	10.8	—
LgC: Lily sandy loam, warm, 8 to 15 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Monroe	8.6	—
LgD: Lily sandy loam, warm, 15 to 25 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Monroe	20.1	—
LgE: Lily sandy loam, warm, 25 to 35 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Monroe	16.8	—

LlB: Lily loam, warm, 3 to 8 percent slopes	Lily-Warm	70-80	Hillslopes	No	—	Mercer and Summers	104.3	—
LlC: Lily loam, warm, 8 to 15 percent slopes	Lily-Warm	70-80	Hillslopes	No	—	Mercer and Summers	276.3	6.2
LlD: Lily loam, warm, 15 to 25 percent slopes	Lily-Warm	70-80	Hillslopes	No	—	Mercer and Summers	40.3	—
Ln: Lindside silt loam	Lindside	95	Flood plains	No	—	Monroe	2.4	—
	Melvin	5	Flood plains	Yes	2			
Lo: Lobdell loam	Lobdell	80	Flood plains	No	—	Mercer and Summers	196.6	2.2
	Holly	5	Flood plains	Yes	2			
LsB: Litz channery silt loam, 3 to 8 percent slopes	Litz	100	Hills	No	—	Monroe	10.5	—
LsD: Litz channery silt loam, 15 to 25 percent slopes	Litz	100	Hills	No	—	Monroe	12.0	—
LsF: Litz channery silt loam, 35 to 60 percent slopes	Litz	100	Hillslopes	No	—	Monroe	164.0	—
LtB: Litz silt loam, 3 to 8 percent slopes	Litz	100	Hills	No	—	Monroe	5.6	—
LtD: Litz silt loam, 15 to 25 percent slopes	Litz	100	Hills	No	—	Monroe	0.2	—
LwB: Litz-Cateache complex, 3 to 8 percent slopes	Litz	60	Hills	No	—	Monroe	16.7	—
	Cateache	40	Hills	No	—			
LwC: Litz-Cateache complex, 8 to 15 percent slopes	Litz	60	Hills	No	—	Monroe	203.0	19.1
	Cateache	40	Hills	No	—			
Me: Melvin silt loam	*Melvin*	*100*	*Flood plains*	*Yes*	*2*	*Monroe*	*90.5*	—
MgB: Monongahela silt loam, warm, 3 to 8 percent slopes	Monongahela-Warm	80-90	Stream terraces	No	—	Mercer and Summers	372.2	7.5
MgC: Monongahela silt loam, warm, 8 to 15 percent slopes	Monongahela-Warm	80-90	Stream terraces	No	—	Mercer and Summers	120.3	—
Ol: Orrville-Lobdell complex	Orrville	45	Flood plains	No	—	Mercer and Summers	172.5	—
	Lobdell	40	Flood plains	No	—			
	Holly	5	Flood plains	Yes	2			
RgD: Rough very channery silt loam, 15 to 25 percent slopes	Rough	100	Hillslopes	No	—	Monroe	65.2	1.9
RgE: Rough very channery silt loam, 25 to 35 percent slopes	Rough	100	Hillslopes	No	—	Monroe	53.5	—
ShB: Shouns silt loam, 3 to 8 percent slopes	Shouns	70	Mountain slopes	No	—	Mercer and Summers	257.7	1.9
ShC: Shouns silt loam, 8 to 15 percent slopes	Shouns	80	Mountain slopes	No	—	Mercer and Summers	240.4	0.9
ShD: Shouns silt loam, 15 to 30 percent slopes	Shouns	75	Mountain slopes	No	—	Mercer and Summers	257.8	3.5
StC: Shouns silt loam, 3 to 15 percent slopes, very stony	Shouns	75	Mountain slopes	No	—	Mercer and Summers	738.2	2.3
StD: Shouns silt loam, 15 to 30 percent slopes, very stony	Shouns	75	Mountain slopes	No	—	Mercer and Summers	146.7	0
TtB: Tilsit silt loam, 3 to 8 percent slopes	Tilsit	80	Ridges	No	—	Mercer and Summers	189.4	5.3
TtB: Tilsit silt loam, 3 to 8 percent slopes	Tilsit	95	Hills	No	—	Monroe	12.0	—
	Brinkerton	5	Mountain slopes	Yes	2			
TtC: Tilsit silt loam, 8 to 15 percent slopes	Tilsit	75	Ridges	No	—	Mercer and Summers	45.2	—
TvA: Tygart silt loam, 0 to 3 percent slopes	Tygart	70	Stream terraces	No	—	Mercer and Summers	56.4	3.5
	Purdy	5	Terraces	Yes	2			
U2: Udorthents, smoothed	Udorthents-Smoothed	100	—	No	—	Mercer and Summers	34.1	—
Ud: Udifluvents and Psamments, frequently flooded	Udifluvents	50	Flood plains	No	—	Mercer and Summers	92.9	3.6
	Psamments	30	Flood plains	No	—			
Uf: Udifluvents-Fluvaquents complex	Udifluvents	45	Flood plains	No	—	Monroe	95.5	—
	Fluvaquents	35	Flood plains	Yes	2			
W: Water	Water	100	—	No	—	Mercer and Summers	139.6	0.4

W: Water	Water	100	—	No	—	Monroe	1.9	—
WeC: Westmoreland silt loam, 3 to 15 percent slopes	Westmoreland	85	Mountain slopes	No	—	Mercer and Summers	340.4	7
WeC: Weikert channery silt loam, 8 to 15 percent slopes	Weikert	80	Hillslopes	No	—	Monroe	50.7	—
WeD: Westmoreland silt loam, 15 to 35 percent slopes	Westmoreland	80	Mountain slopes	No	—	Mercer and Summers	181.4	2.9
WeD: Weikert channery silt loam, 15 to 25 percent slopes	Weikert	75	Hillslopes	No	—	Monroe	138.7	—
WeF: Westmoreland silt loam, 30 to 65 percent slopes	Westmoreland	75	Mountain slopes	No	—	Mercer and Summers	52.9	—
WeF: Weikert channery silt loam, 25 to 55 percent slopes	Weikert	75	Mountain slopes	No	—	Monroe	50.0	—

Data Source Information

Soil Survey Area: Mercer and Summers Counties Area, West Virginia
Survey Area Data: Version 9, Sep 13, 2021
Soil Survey Area: Monroe County, West Virginia
Survey Area Data: Version 15, Sep 13, 2021

Stony Creek-Greenbrier River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Stone Creek-Greebrier River (Acres)	Project Area (Acres)
At: Atkins silt loam	*Atkins*	*80*	*Flood plains*	*Yes*	*2*	*Mercer and Summers*	*3.0*	*1.0*
At: Atkins silt loam, warm, 0 to 3 percent slopes, frequently flooded	*Atkins-Warm*	*80-90*	*Flood plains*	*Yes*	*2*	*Monroe*	*72.5*	—
CcC: Cateache silt loam, 3 to 15 percent slopes	Cateache	80	Mountain slopes	No	—	Mercer and Summers	5.9	—
CeC: Cateache-Berks channery silt loams, 3 to 15 percent slopes	Cateache	50	Mountain slopes	No	—	Mercer and Summers	203.6	—
	Berks	35	Structural benches,ridges	No	—			
CeC3: Cateache-Berks channery silt loams, 8 to 15 percent slopes, severely eroded	Cateache	50	Mountain slopes	No	—	Mercer and Summers	50.1	—
	Berks	30	Structural benches,ridges	No	—			
CeD: Cateache-Berks channery silt loams, 15 to 30 percent slopes	Cateache	50	Mountain slopes	No	—	Mercer and Summers	475.9	—
	Berks	35	Structural benches,ridges	No	—			
CeD3: Cateache-Berks channery silt loams, 15 to 35 percent slopes, severely eroded	Cateache	55	Mountain slopes	No	—	Mercer and Summers	182.8	—
	Berks	25	Structural benches,ridges	No	—			
CeF: Cateache-Berks channery silt loams, 30 to 70 percent slopes	Cateache	60	Mountain slopes	No	—	Mercer and Summers	220.8	—
	Berks	25	Ridges,hillslopes	No	—			
CeF3: Cateache-Berks channery silt loams, 35 to 70 percent slopes, severely eroded	Cateache	60	Mountain slopes	No	—	Mercer and Summers	247.5	—
	Berks	20	Ridges,hillslopes	No	—			
CfD: Cateache silt loam, 15 to 25 percent slopes	Cateache	85	Hills	No	—	Monroe	5.1	—
ChF: Cateache-Berks channery silt loams, 30 to 70 percent slopes, very stony	Cateache	60	Mountain slopes	No	—	Mercer and Summers	699.6	—
	Berks	25	Hillslopes	No	—			
ClD: Cateache-Litz complex, 15 to 25 perecnt slopes	Cateache	51	Hills	No	—	Monroe	703.1	14.1
	Litz	49	Hills	No	—			
ClE: Cateache-Litz complex, 25 to 35 percent slopes	Cateache	60	Hillslopes	No	—	Monroe	2,536.0	34.7
	Litz	40	Hillslopes	No	—			
ClF: Cateache-Litz complex, 35 to 55 percent slopes	Cateache	60	Hillslopes	No	—	Monroe	492.5	3.0
	Litz	40	Hillslopes	No	—			
Cm: Chagrin loam	Chagrin	85	Flood plains	No	—	Mercer and Summers	2.7	—
	Holly	5	Flood plains	Yes	2			
CnD: Clymer-Gilpin complex, 15 to 30 percent slopes	Clymer	45	Mountain slopes	No	—	Mercer and Summers	64.7	—
	Gilpin	40	Mountain slopes	No	—			
CnE: Cateache-Litz complex, 15 to 35 percent slopes, very stony	Cateache	60	Hillslopes	No	—	Monroe	16.6	—
	Litz	40	Hillslopes	No	—			
CnF: Cateache-Litz complex, 35 to 60 percent slopes, very stony	Cateache	60	Hillslopes	No	—	Monroe	121.6	—
	Litz	40	Hillslopes	No	—			
CsB: Clarksburg silt loam, 3 to 8 percent slopes	Clarksburg	95	Valley floors	No	—	Monroe	12.7	0.1
	Melvin	5	Flood plains	Yes	2			
CtB: Cookport loam, warm, 3 to 8 percent slopes	Cookport-Warm	70-90	Ridges	No	—	Monroe	14.6	—
	Nolo-Warm	0-7	Depressions	Yes	2			
DeC: Dekalb channery fine sandy loam, 3 to 15 percent slopes	Dekalb	85	Mountain slopes	No	—	Mercer and Summers	6.1	—
DeD: Dekalb channery fine sandy loam, 15 to 30 percent slopes	Dekalb	80	Mountain slopes	No	—	Mercer and Summers	7.5	—
DeD: Dekalb channery loam, 15 to 25 percent slopes, very stony	Dekalb	100	Ridges	No	—	Monroe	84.7	—
DeE: Dekalb channery loam, 25 to 35 percent slopes, very stony	Dekalb	100	Ridges	No	—	Monroe	57.8	—
DeF: Dekalb channery loam, 35 to 55 percent slopes, very stony	Dekalb	100	Mountain slopes	No	—	Monroe	128.9	0.5
DgD: Dekalb-Gilpin-Jefferson complex, 15 to 35 percent slopes, very stony	Dekalb	30	Mountain slopes	No	—	Mercer and Summers	61.1	—
	Jefferson	25	Mountain slopes	No	—			
	Gilpin	25	Mountain slopes	No	—			

DgF: Dekalb-Gilpin-Jefferson complex, 35 to 80 percent slopes, very stony	Dekalb	35	Mountain slopes	No	—	Mercer and Summers	84.2	—
	Gilpin	25	Mountain slopes	No	—			
	Jefferson	20	Mountain slopes	No	—			
EBC: Ernest and Buchanan soils, 3 to 15 percent slopes, very stony	Ernest	40	Fans,drainageways	No	—	Mercer and Summers	27.2	—
	Buchanan	30	Hillslopes,drainageways	No	—			
	Atkins	5	Flood plains	Yes	2			
ErB: Ernest silt loam, warm, 3 to 8 percent slopes	Ernest-Warm	75-85	Hillslopes	No	—	Mercer and Summers	9.8	—
	Atkins-Warm	44203	Flood plains	Yes	2			
ErB: Ernest silt loam, warm, 3 to 8 percent slopes	Ernest-Warm	75-85	Hillslopes	No	—	Monroe	13.3	—
	Atkins-Warm	44203	Flood plains	Yes	2			
ErC: Ernest silt loam, warm, 8 to 15 percent slopes	Ernest-Warm	75-85	Hillslopes	No	—	Mercer and Summers	159.3	—
	Atkins-Warm	44203	Flood plains	Yes	2			
GaC: Gilpin silt loam, 8 to 15 percent slopes	Gilpin	80	Mountain slopes	No	—	Mercer and Summers	9.0	—
GaD: Gilpin silt loam, 15 to 25 percent slopes	Gilpin	80	Mountain slopes	No	—	Mercer and Summers	5.7	—
GbC: Gilpin-Berks channery silt loams, warm, 8 to 15 percent slopes	Gilpin-Warm	50-60	Hillslopes	No	—	Mercer and Summers	208.7	—
	Berks-Warm	25-35	Hillslopes	No	—			
GbD: Gilpin-Berks channery silt loams, warm, 15 to 25 percent slopes	Gilpin-Warm	40-50	Hillslopes	No	—	Mercer and Summers	114.4	—
	Berks-Warm	35-45	Hillslopes	No	—			
GLB: Gilpin and Lily soils, 3 to 8 percent slopes	Gilpin	51	Hills	No	—	Monroe	57.9	—
	Lily	49	Hills	No	—			
GLC: Gilpin and Lily soils, 8 to 15 percent slopes	Gilpin	51	Hills	No	—	Monroe	83.8	—
	Lily	49	Hills	No	—			
JsD: Jefferson channery loam, 15 to 35 percent slopes, very stony	Jefferson	80	Mountain slopes,drainageways	No	—	Mercer and Summers	9.3	—
JsF: Jefferson channery loam, 35 to 60 percent slopes, very stony	Jefferson	75	Mountain slopes,drainageways	No	—	Mercer and Summers	8.1	—
Ka: Kanawha fine sandy loam	Kanawha	85	Stream terraces,flood plains	No	—	Mercer and Summers	153.8	—
LbC: Laidig channery loam, 3 to 15 percent slopes, very stony	Laidig	100	Valley floors	No	—	Monroe	19.4	—
LbD: Laidig channery loam, 15 to 25 percent slopes, very stony	Laidig	100	Valley floors	No	—	Monroe	26.2	0.6
LbE: Laidig channery loam, 25 to 45 percent slopes, very stony	Laidig	100	Valley floors	No	—	Monroe	2.5	—
LfD: Lily channery loam, warm, 15 to 25 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Monroe	5.4	0.2
LgC: Lily sandy loam, warm, 8 to 15 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Monroe	78.3	0.6
LgD: Lily sandy loam, warm, 15 to 25 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Monroe	82.3	—
LgE: Lily sandy loam, warm, 25 to 35 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Monroe	4.3	—
LhE: Lily sandy loam, warm, 15 to 35 percent slopes, very stony	Lily-Warm	75-85	Hillslopes	No	—	Monroe	2.4	—
LlB: Lily loam, warm, 3 to 8 percent slopes	Lily-Warm	70-80	Hillslopes	No	—	Mercer and Summers	24.3	—
LlC: Lily loam, warm, 8 to 15 percent slopes	Lily-Warm	70-80	Hillslopes	No	—	Mercer and Summers	174.9	—
LlD: Lily loam, warm, 15 to 25 percent slopes	Lily-Warm	70-80	Hillslopes	No	—	Mercer and Summers	34.9	—
Ln: Lindside silt loam	Lindside	95	Flood plains	No	—	Monroe	7.2	—
	Melvin	5	Flood plains,flood plains	Yes	2			
Lo: Lobdell loam	Lobdell	80	Flood plains	No	—	Mercer and Summers	21.4	—
	Holly	5	Flood plains	Yes	2			
LtB: Litz silt loam, 3 to 8 percent slopes	Litz	100	Hills	No	—	Monroe	35.0	—
LtC: Litz silt loam, 8 to 15 percent slopes	Litz	100	Hills	No	—	Monroe	72.4	—
LtD: Litz silt loam, 15 to 25 percent slopes	Litz	100	Hills	No	—	Monroe	9.1	—
LtE: Litz silt loam, 25 to 35 percent slopes	Litz	100	Hillslopes	No	—	Monroe	32.0	—
LwB: Litz-Cateache complex, 3 to 8 percent slopes	Litz	60	Hills	No	—	Monroe	50.2	—
	Cateache	40	Hills	No	—			1.4

LwC: Litz-Cateache complex, 8 to 15 percent slopes	Litz	60	Hills	No	—	Monroe	272.7	1.7
	Cateache	40	Hills	No	—			
MgB: Monongahela silt loam, warm, 3 to 8 percent slopes	Monongahela-Warm	80-90	Stream terraces	No	—	Mercer and Summers	236.5	—
MgC: Monongahela silt loam, warm, 8 to 15 percent slopes	Monongahela-Warm	80-90	Stream terraces	No	—	Mercer and Summers	192.3	—
Ol: Orrville-Lobdell complex	Orrville	45	Flood plains	No	—	Mercer and Summers	53.6	—
	Lobdell	40	Flood plains	No	—			
	Holly	5	Flood plains	Yes	2			
RgD: Rough very channery silt loam, 15 to 25 percent slopes	Rough	100	Hillslopes	No	—	Monroe	55.2	1.4
RgE: Rough very channery silt loam, 25 to 35 percent slopes	Rough	100	Hillslopes	No	—	Monroe	87.0	4.7
SfC: Shouns channery silt loam, 8 to 15 percent slopes	Shouns	85	Valley floors	No	—	Monroe	5.1	—
ShB: Shouns silt loam, 3 to 8 percent slopes	Shouns	70	Mountain slopes	No	—	Mercer and Summers	26.1	—
ShC: Shouns silt loam, 8 to 15 percent slopes	Shouns	80	Mountain slopes	No	—	Mercer and Summers	290.0	—
StC: Shouns silt loam, 3 to 15 percent slopes, very stony	Shouns	75	Mountain slopes	No	—	Mercer and Summers	68.4	—
StD: Shouns silt loam, 15 to 30 percent slopes, very stony	Shouns	75	Mountain slopes	No	—	Mercer and Summers	32.4	—
TtB: Tilsit silt loam, 3 to 8 percent slopes	Tilsit	80	Ridges	No	—	Mercer and Summers	299.0	—
TtB: Tilsit silt loam, 3 to 8 percent slopes	Tilsit	95	Hills	No	—	Monroe	454.5	—
	Brinkerton	5	Mountain slopes	Yes	2			
TtC: Tilsit silt loam, 8 to 15 percent slopes	Tilsit	75	Ridges	No	—	Mercer and Summers	69.7	—
TtC: Tilsit silt loam, 8 to 15 percent slopes	Tilsit	100	Hills	No	—	Monroe	14.3	—
TvA: Tygart silt loam, 0 to 3 percent slopes	Tygart	70	Stream terraces	No	—	Mercer and Summers	30.5	—
	Purdy	5	Terraces	Yes	2			
U2: Udorthents, smoothed	Udorthents-Smoothed	100	—	No	—	Mercer and Summers	4.7	—
Ud: Udifluvents and Psamments, frequently flooded	Udifluvents	50	Flood plains	No	—	Mercer and Summers	44.6	—
	Psamments	30	Flood plains	No	—			
Uf: Udifluvents-Fluvaquents complex	Udifluvents	45	Flood plains	No	—	Monroe	167.1	0.3
	Fluvaquents	35	Flood plains	Yes	2			
W: Water	Water	100	—	No	—	Mercer and Summers	156.4	—
W: Water	Water	100	—	No	—	Monroe	8.1	0.7
WeC: Westmoreland silt loam, 3 to 15 percent slopes	Westmoreland	85	Mountain slopes	No	—	Mercer and Summers	2.4	—

Data Source Information

Soil Survey Area: Mercer and Summers Counties Area, West Virginia
Survey Area Data: Version 9, Sep 13, 2021
Soil Survey Area: Monroe County, West Virginia
Survey Area Data: Version 15, Sep 13, 2021

Middle Indian Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Middle Indian Creek (Acres)	Project Area (Acres)
At: Atkins silt loam, warm, 0 to 3 percent slopes, frequently flooded	*Atkins-Warm*	*80-90*	*Flood plains*	*Yes*	*2*	*Monroe*	*468.3*	—
BtC: Blackthorn very channery loam, 3 to 15 percent slopes, extremely stony	Blackthorn	75	Hillslopes	No	—	Monroe	66.3	0.2
BtE: Blackthorn very channery loam, 15 to 35 percent slopes, extremely stony	Blackthorn	75	Hillslopes	No	—	Monroe	588.2	1.3
CeA: Captina silt loam, 0 to 3 percent slopes	Captina	95	Terraces	No	—	Monroe	75.7	—
	Maurertown	5	Flood plains	Yes	2,3			
CeB: Captina silt loam, 3 to 8 percent slopes	Captina	100	Terraces	No	—	Monroe	284.1	—
CeC: Captina silt loam, 8 to 15 percent slopes	Captina	100	Terraces	No	—	Monroe	14.8	—
CfC: Cateache silt loam, 8 to 15 percent slopes	Cateache	85	Hillslopes	No	—	Monroe	62.6	—
CfD: Cateache silt loam, 15 to 25 percent slopes	Cateache	85	Hills	No	—	Monroe	13.8	—
CfE: Cateache silt loam, 25 to 35 percent slopes	Cateache	85	Hillslopes	No	—	Monroe	39.9	—
ClD: Cateache-Litz complex, 15 to 25 perecnt slopes	Cateache	51	Hills	No	—	Monroe	1,266.2	10.3
	Litz	49	Hills	No	—			
ClE: Cateache-Litz complex, 25 to 35 percent slopes	Cateache	60	Hillslopes	No	—	Monroe	3,103.6	18.9
	Litz	40	Hillslopes	No	—			
ClF: Cateache-Litz complex, 35 to 55 percent slopes	Cateache	60	Hillslopes	No	—	Monroe	1,563.5	9.3
	Litz	40	Hillslopes	No	—			
CnC: Cateache-Litz complex, 8 to 15 percent slopes, very stony	Cateache	60	Hills	No	—	Monroe	48.5	—
	Litz	40	Hills	No	—			
CnE: Cateache-Litz complex, 15 to 35 percent slopes, very stony	Cateache	60	Hillslopes	No	—	Monroe	1,250.5	13.4
	Litz	40	Hillslopes	No	—			
CnF: Cateache-Litz complex, 35 to 60 percent slopes, very stony	Cateache	60	Hillslopes	No	—	Monroe	323.1	1.5
	Litz	40	Hillslopes	No	—			
CoD: Chilhowie-Opequon-Rock outcrop complex, 15 to 25 percent slopes	Chilhowie	50	Valley flats	No	—	Monroe	17.2	—
	Opequon	30	Valley flats	No	—			
	Rock outcrop	15	—	No	—			
CsB: Clarksburg silt loam, 3 to 8 percent slopes	Clarksburg	95	Valley floors	No	—	Monroe	140.4	—
	Melvin	5	Flood plains,flood plains	Yes	2			
CsC: Clarksburg silt loam, 8 to 15 percent slopes	Clarksburg	100	Valley floors	No	—	Monroe	176.6	1.8
CtB: Cookport loam, warm, 3 to 8 percent slopes	Cookport-Warm	70-90	Ridges	No	—	Monroe	96.4	—
	Nolo-Warm	0-7	Depressions	Yes	2			
DeD: Dekalb channery loam, 15 to 25 percent slopes, very stony	Dekalb	100	Ridges	No	—	Monroe	572.3	1.7
DeE: Dekalb channery loam, 25 to 35 percent slopes, very stony	Dekalb	100	Ridges	No	—	Monroe	1,093.7	1.4
DeF: Dekalb channery loam, 35 to 55 percent slopes, very stony	Dekalb	100	Mountain slopes	No	—	Monroe	2,184.9	6.2
DeG: Dekalb channery loam, 55 to 70 percent slopes, very stony	Dekalb	100	Mountain slopes	No	—	Monroe	625.8	0
DtB: Dunmore channery silt loam, 3 to 8 percent slopes	Dunmore	100	Hills	No	—	Monroe	7.0	—
DtC: Dunmore channery silt loam, 8 to 15 percent slopes	Dunmore	100	Hills	No	—	Monroe	62.8	—
DtD: Dunmore channery silt loam, 15 to 25 percent slopes	Dunmore	100	Hills	No	—	Monroe	1.4	—
Dz: Dunning silty clay loam, karst	*Dunning-Karst*	*85*	*Flood plains*	*Yes*	*2*	*Monroe*	*25.8*	—
ElD: Elliber very channery silt loam, 15 to 25 percent slopes	Elliber	100	Ridges	No	—	Monroe	5.8	—
EnE: Elliber very channery silt loam, 25 to 35 percent slopes, very stony	Elliber	100	Ridges	No	—	Monroe	114.5	—
ErB: Ernest silt loam, warm, 3 to 8 percent slopes	Ernest-Warm	75-85	Hillslopes	No	—	Monroe	79.6	0.9
	Atkins-Warm	44203	Flood plains	Yes	2			
FaB: Frankstown silt loam, 3 to 8 percent slopes	Frankstown	100	Hills	No	—	Monroe	6.7	—
FaC: Frankstown silt loam, 8 to 15 percent slopes	Frankstown	100	Hills	No	—	Monroe	82.5	—
FaD: Frankstown silt loam, 15 to 25 percent slopes	Frankstown	100	Hills	No	—	Monroe	12.8	—
FaE: Frankstown silt loam, 25 to 35 percent slopes	Frankstown	100	Hillslopes	No	—	Monroe	11.3	—
FeC: Frankstown-Rock outcrop complex, 8 to 15 percent slopes	Frankstown	80	Hills	No	—	Monroe	3.1	—
	Rock outcrop	15	—	No	—			

FeD: Frankstown-Rock outcrop complex, 15 to 25 percent slopes	Frankstown	80	Hills	No	—	Monroe	68.0	—
	Rock outcrop	15	—	No	—			
FeE: Frankstown-Rock outcrop complex, 25 to 35 percent slopes	Frankstown	80	Hillslopes	No	—	Monroe	59.9	—
	Rock outcrop	15	—	No	—			
FFC: Frederick and Dunmore soils, 3 to 15 percent slopes, very rocky	Frederick	50	Hills	No	—	Monroe	63.8	—
	Dunmore	40	Hills	No	—			
FFD: Frederick and Dunmore soils, 15 to 25 percent slopes, very rocky	Frederick	50	Hills	No	—	Monroe	268.7	—
	Dunmore	40	Hills	No	—			
FFE: Frederick and Dunmore soils, 25 to 45 percent slopes, very rocky	Frederick	50	Hillslopes	No	—	Monroe	249.5	—
	Dunmore	40	Hillslopes	No	—			
FGF: Frederick and Elliber soils, 35 to 60 percent slopes, very rocky	Frederick	50	Hillslopes	No	—	Monroe	98.8	—
	Elliber	40	Hillslopes	No	—			
FhC: Frederick channery silt loam, 8 to 15 percent slopes	Frederick	100	Hills	No	—	Monroe	10.9	—
FmB: Frederick silt loam, 3 to 8 percent slopes	Frederick	100	Hills	No	—	Monroe	3.0	—
FmC: Frederick silt loam, 8 to 15 percent slopes	Frederick	100	Hills	No	—	Monroe	23.4	—
FmD: Frederick silt loam, 15 to 25 percent slopes	Frederick	100	Hills	No	—	Monroe	0.9	—
FrB: Frederick silt loam, karst, 3 to 8 percent slopes	Frederick	80	Hills	No	—	Monroe	5.1	—
GLB: Gilpin and Lily soils, 3 to 8 percent slopes	Gilpin	51	Hills	No	—	Monroe	219.4	—
	Lily	49	Hills	No	—			
GLC: Gilpin and Lily soils, 8 to 15 percent slopes	Gilpin	51	Hills	No	—	Monroe	127.6	—
	Lily	49	Hills	No	—			
Hu: Huntington silt loam	Huntington	100	Flood plains	No	—	Monroe	23.1	—
LaB: Laidig channery loam, 3 to 8 percent slopes	Laidig	95	Valley floors	No	—	Monroe	66.6	—
	Melvin	5	Flood plains,flood plains	Yes	2			
LaC: Laidig channery loam, 8 to 15 percent slopes	Laidig	100	Valley floors	No	—	Monroe	73.9	—
LaD: Laidig channery loam, 15 to 25 percent slopes	Laidig	100	Valley floors	No	—	Monroe	6.0	—
LbC: Laidig channery loam, 3 to 15 percent slopes, very stony	Laidig	100	Valley floors	No	—	Monroe	273.0	1.2
LbD: Laidig channery loam, 15 to 25 percent slopes, very stony	Laidig	100	Valley floors	No	—	Monroe	206.7	—
LbE: Laidig channery loam, 25 to 45 percent slopes, very stony	Laidig	100	Valley floors	No	—	Monroe	338.5	—
LfC: Lily channery loam, warm, 8 to 15 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Monroe	81.9	—
LfD: Lily channery loam, warm, 15 to 25 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Monroe	100.2	0.1
LfE: Lily channery loam, warm, 25 to 35 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Monroe	36.2	—
LgC: Lily sandy loam, warm, 8 to 15 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Monroe	1,013.7	16.4
LgD: Lily sandy loam, warm, 15 to 25 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Monroe	903.1	9.2
LgE: Lily sandy loam, warm, 25 to 35 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Monroe	66.6	—
Ln: Lindside silt loam	Lindside	95	Flood plains	No	—	Monroe	246.8	0
	Melvin	5	Flood plains,flood plains	Yes	2			
LsB: Litz channery silt loam, 3 to 8 percent slopes	Litz	100	Hills	No	—	Monroe	272.7	0.1
LsC: Litz channery silt loam, 8 to 15 percent slopes	Litz	100	Hills	No	—	Monroe	708.3	0.4
LsD: Litz channery silt loam, 15 to 25 percent slopes	Litz	100	Hills	No	—	Monroe	364.0	5.4
LsE: Litz channery silt loam, 25 to 35 percent slopes	Litz	100	Hillslopes	No	—	Monroe	1,237.0	2.6
LsF: Litz channery silt loam, 35 to 60 percent slopes	Litz	100	Hillslopes	No	—	Monroe	917.7	9.9
LtB: Litz silt loam, 3 to 8 percent slopes	Litz	100	Hills	No	—	Monroe	233.8	1.2
LtC: Litz silt loam, 8 to 15 percent slopes	Litz	100	Hills	No	—	Monroe	749.0	0.7
LtD: Litz silt loam, 15 to 25 percent slopes	Litz	100	Hills	No	—	Monroe	355.3	3.8
LtE: Litz silt loam, 25 to 35 percent slopes	Litz	100	Hillslopes	No	—	Monroe	674.7	1.3
LtF: Litz silt loam, 35 to 60 percent slopes	Litz	100	Hillslopes	No	—	Monroe	513.6	7.8
LvD: Litz very channery silt loam, 15 to 35 percent slopes, very rocky	Litz	90	Hills	No	—	Monroe	55.2	—
LvE: Litz very channery silt loam, 35 to 45 percent slopes, very rocky	Litz	90	Hillslopes	No	—	Monroe	625.8	—
LwB: Litz-Cateache complex, 3 to 8 percent slopes	Litz	60	Hills	No	—	Monroe	154.4	0.1
	Cateache	40	Hills	No	—			

LwC: Litz-Cateache complex, 8 to 15 percent slopes	Litz	60	Hills	No	—	Monroe	803.6	5.3
	Cateache	40	Hills	No	—			
LxF: Litz-Rock outcrop complex, 45 to 60 percent slopes	Litz	50	Hillslopes	No	—	Monroe	433.4	—
	Rock outcrop	30	—	No	—			
MaA: Maurertown silt loam, 0 to 3 percent slopes	*Maurertown*	*100*	*Flood plains*	*Yes*	*2,3*	*Monroe*	*61.4*	—
Me: Melvin silt loam	*Melvin*	*100*	*Flood plains,flood plains*	*Yes*	*2*	*Monroe*	*959.3*	*6.7*
MgA: Monongahela silt loam, 0 to 3 percent slopes	Monongahela	95	Terraces	No	—	Monroe	3.2	—
	Maurertown	5	Flood plains	Yes	2,3			
MgB: Monongahela silt loam, 3 to 8 percent slopes	Monongahela	95	Terraces	No	—	Monroe	55.5	—
	Maurertown	5	Flood plains	Yes	2,3			
MgC: Monongahela silt loam, warm, 8 to 15 percent slopes	Monongahela-Warm	80-90	Stream terraces	No	—	Monroe	33.9	—
MuB: Murrill channery loam, 3 to 8 percent slopes	Murrill	100	Valley floors	No	—	Monroe	17.9	—
MuC: Murrill channery loam, 8 to 15 percent slopes	Murrill	100	Valley floors	No	—	Monroe	101.4	—
MuD: Murrill channery loam, 15 to 25 percent slopes	Murrill	100	Valley floors	No	—	Monroe	102.9	—
MuE: Murrill channery loam, 25 to 45 percent slopes	Murrill	100	Valley floors	No	—	Monroe	6.6	—
NcB: Nicholson silt loam, 3 to 8 percent slopes	Nicholson	90	Depressions	No	—	Monroe	20.4	1.7
	Dunning-Karst	5	Flood plains	Yes	2			
Ph: Philo silt loam, warm, 0 to 3 percent slopes, occasionally flooded	Philo-Warm	85-95	Flood plains	No	—	Monroe	70.3	—
	Atkins-Warm	0-10	Flood plains	Yes	2			
Po: Pope fine sandy loam, warm, 0 to 3 percent slopes, occasionally flooded	Pope-Warm	80-90	Flood plains	No	—	Monroe	3.8	—
	Atkins-Warm	0-10	Flood plains	Yes	2,3			
RgD: Rough very channery silt loam, 15 to 25 percent slopes	Rough	100	Hillslopes	No	—	Monroe	419.6	0
RgE: Rough very channery silt loam, 25 to 35 percent slopes	Rough	100	Hillslopes	No	—	Monroe	757.2	10.1
RrF: Rubble land-Rock outcrop complex, 45 to 100 percent slopes	Rubble land	75	Talus slopes	No	—	Monroe	20.0	—
	Rock outcrop	15	Free faces	No	—			
TtB: Tilsit silt loam, 3 to 8 percent slopes	Tilsit	95	Hills	No	—	Monroe	512.3	6.3
	Brinkerton	5	Mountain slopes	Yes	2			
TtC: Tilsit silt loam, 8 to 15 percent slopes	Tilsit	100	Hills	No	—	Monroe	92.6	0.7
Uf: Udifluvents-Fluvaquents complex	Udifluvents	45	Flood plains	No	—	Monroe	364.2	5.6
	Fluvaquents	35	Flood plains	Yes	2			
W: Water	Water	100	—	No	—	Monroe	57.2	0.1
WeB: Weikert channery silt loam, 3 to 8 percent slopes	Weikert	80	Hills	No	—	Monroe	77.4	—
WeC: Weikert channery silt loam, 8 to 15 percent slopes	Weikert	80	Hillslopes	No	—	Monroe	687.6	2.2
WeD: Weikert channery silt loam, 15 to 25 percent slopes	Weikert	75	Hillslopes	No	—	Monroe	572.7	2.8
WeF: Weikert channery silt loam, 25 to 55 percent slopes	Weikert	75	Mountain slopes	No	—	Monroe	2,649.1	15.3
48D: Calvin very channery loam, 15 to 35 percent slopes, extremely stony	Calvin-Extremely stony	80-90	Mountains	No	—	Jefferson National Forest	1.4	—
48ER: Calvin-Rock outcrop complex, 35 to 60 percent slopes, extremely stony	Calvin-Extremely stony	60-70	Mountains	No	—	Jefferson National Forest	3.6	—
	Rock outcrop	15-25	Escarpments on mountains	Unranked	—			
75D: Lily gravelly sandy loam, 15 to 35 percent slopes	Lily	80-90	Ridges,hillslopes	No	—	Jefferson National Forest	3.9	—

Data Source Information

Soil Survey Area: Jefferson National Forest, Virginia
Survey Area Data: Version 13, Sep 16, 2021
Soil Survey Area: Monroe County, West Virginia
Survey Area Data: Version 15, Sep 13, 2021

Rich Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Rich Creek (Acres)	Project Area (Acres)
At: Atkins silt loam, warm, 0 to 3 percent slopes, frequently flooded	*Atkins-Warm*	*80-90*	*Flood plains*	*Yes*	*2*	*Monroe*	*1,507.5*	—
BtC: Blackthorn very channery loam, 3 to 15 percent slopes, extremely stony	Blackthorn	75	Hillslopes	No	—	Monroe	149.9	—
BtE: Blackthorn very channery loam, 15 to 35 percent slopes, extremely stony	Blackthorn	75	Hillslopes	No	—	Monroe	2,048.0	8.3
CeA: Captina silt loam, 0 to 3 percent slopes	Captina	95	Terraces	No	—	Monroe	14.0	6.0
	Maurertown	5	Flood plains	Yes	2,3			
CeB: Captina silt loam, 3 to 8 percent slopes	Captina	100	Terraces	No	—	Monroe	42.6	—
CeC: Captina silt loam, 8 to 15 percent slopes	Captina	100	Terraces	No	—	Monroe	7.4	—
CfB: Cateache silt loam, 3 to 8 percent slopes	Cateache	85	Hillslopes	No	—	Monroe	10.2	—
CfC: Cateache silt loam, 8 to 15 percent slopes	Cateache	85	Hillslopes	No	—	Monroe	60.4	—
CfD: Cateache silt loam, 15 to 25 percent slopes	Cateache	85	Hills	No	—	Monroe	107.4	—
CfE: Cateache silt loam, 25 to 35 percent slopes	Cateache	85	Hillslopes	No	—	Monroe	33.7	—
ClD: Cateache-Litz complex, 15 to 25 perecnt slopes	Cateache	51	Hills	No	—	Monroe	1,377.9	—
	Litz	49	Hills	No	—			
ClE: Cateache-Litz complex, 25 to 35 percent slopes	Cateache	60	Hillslopes	No	—	Monroe	2,226.6	—
	Litz	40	Hillslopes	No	—			
ClF: Cateache-Litz complex, 35 to 55 percent slopes	Cateache	60	Hillslopes	No	—	Monroe	84.7	—
	Litz	40	Hillslopes	No	—			
CnC: Cateache-Litz complex, 8 to 15 percent slopes, very stony	Cateache	60	Hills	No	—	Monroe	62.3	—
	Litz	40	Hills	No	—			
CnE: Cateache-Litz complex, 15 to 35 percent slopes, very stony	Cateache	60	Hillslopes	No	—	Monroe	640.4	0.7
	Litz	40	Hillslopes	No	—			
CnF: Cateache-Litz complex, 35 to 60 percent slopes, very stony	Cateache	60	Hillslopes	No	—	Monroe	257.7	—
	Litz	40	Hillslopes	No	—			
CsB: Clarksburg silt loam, 3 to 8 percent slopes	Clarksburg	95	Valley floors	No	—	Monroe	284.5	9.0
	Melvin	5	Flood plains,flood plains	Yes	2			
CsC: Clarksburg silt loam, 8 to 15 percent slopes	Clarksburg	100	Valley floors	No	—	Monroe	90.6	—
CtB: Cookport loam, warm, 3 to 8 percent slopes	Cookport-Warm	70-90	Ridges	No	—	Monroe	12.9	—
	Nolo-Warm	0-7	Depressions	Yes	2			
DeD: Dekalb channery loam, 15 to 25 percent slopes, very stony	Dekalb	100	Ridges	No	—	Monroe	73.9	—
DeE: Dekalb channery loam, 25 to 35 percent slopes, very stony	Dekalb	100	Ridges	No	—	Monroe	724.6	—
DeF: Dekalb channery loam, 35 to 55 percent slopes, very stony	Dekalb	100	Mountain slopes	No	—	Monroe	1,073.5	15.7
DeG: Dekalb channery loam, 55 to 70 percent slopes, very stony	Dekalb	100	Mountain slopes	No	—	Monroe	1,394.3	4.8
DtB: Dunmore channery silt loam, 3 to 8 percent slopes	Dunmore	100	Hills	No	—	Monroe	86.5	—
DtC: Dunmore channery silt loam, 8 to 15 percent slopes	Dunmore	100	Hills	No	—	Monroe	234.2	—
DtD: Dunmore channery silt loam, 15 to 25 percent slopes	Dunmore	100	Hills	No	—	Monroe	126.2	—
DvC: Dunmore silt loam, 8 to 15 percent slopes	Dunmore	100	Hills	No	—	Monroe	3.1	—
DvD: Dunmore silt loam, 15 to 25 percent slopes	Dunmore	100	Hills	No	—	Monroe	5.7	—
ElC: Elliber very channery silt loam, 3 to 15 percent slopes	Elliber	100	Ridges	No	—	Monroe	15.9	—
ElD: Elliber very channery silt loam, 15 to 25 percent slopes	Elliber	100	Ridges	No	—	Monroe	28.3	1.2
ElE: Elliber very channery silt loam, 25 to 35 percent slopes	Elliber	100	Ridges	No	—	Monroe	25.0	—
EnD: Elliber very channery silt loam, 15 to 25 percent slopes, very stony	Elliber	100	Ridges	No	—	Monroe	26.2	—
EnE: Elliber very channery silt loam, 25 to 35 percent slopes, very stony	Elliber	100	Ridges	No	—	Monroe	63.5	—
ErB: Ernest silt loam, warm, 3 to 8 percent slopes	Ernest-Warm	75-85	Hillslopes	No	—	Monroe	74.0	—
	Atkins-Warm	1.7	Flood plains	Yes	2			
FaC: Frankstown silt loam, 8 to 15 percent slopes	Frankstown	100	Hills	No	—	Monroe	2.7	0.5
FaD: Frankstown silt loam, 15 to 25 percent slopes	Frankstown	100	Hills	No	—	Monroe	17.8	1.9
FFC: Frederick and Dunmore soils, 3 to 15 percent slopes, very rocky	Frederick	50	Hills	No	—	Monroe	54.8	—
	Dunmore	40	Hills	No	—			

FFD: Frederick and Dunmore soils, 15 to 25 percent slopes, very rocky	Frederick	50	Hills	No	—	Monroe	322.4	1.9
	Dunmore	40	Hills	No	—			
FFE: Frederick and Dunmore soils, 25 to 45 percent slopes, very rocky	Frederick	50	Hillslopes	No	—	Monroe	1,102.1	6.3
	Dunmore	40	Hillslopes	No	—			
FGF: Frederick and Elliber soils, 35 to 60 percent slopes, very rocky	Frederick	50	Hillslopes	No	—	Monroe	5.5	—
	Elliber	40	Hillslopes	No	—			
FmC: Frederick silt loam, 8 to 15 percent slopes	Frederick	100	Hills	No	—	Monroe	23.3	
FmD: Frederick silt loam, 15 to 25 percent slopes	Frederick	100	Hills	No	—	Monroe	79.1	3.2
FmE: Frederick silt loam, 25 to 35 percent slopes	Frederick	100	Hillslopes	No	—	Monroe	40.4	0.1
GLB: Gilpin and Lily soils, 3 to 8 percent slopes	Gilpin	51	Hills	No	—	Monroe	51.8	—
	Lily	49	Hills	No	—			
GLC: Gilpin and Lily soils, 8 to 15 percent slopes	Gilpin	51	Hills	No	—	Monroe	6.1	—
	Lily	49	Hills	No	—			
LaB: Laidig channery loam, 3 to 8 percent slopes	Laidig	95	Valley floors	No	—	Monroe	59.6	—
	Melvin	5	Flood plains,flood plains	Yes	2			
LaC: Laidig channery loam, 8 to 15 percent slopes	Laidig	100	Valley floors	No	—	Monroe	22.4	—
LaD: Laidig channery loam, 15 to 25 percent slopes	Laidig	100	Valley floors	No	—	Monroe	63.3	—
LaE: Laidig channery loam, 25 to 45 percent slopes	Laidig	100	Valley floors	No	—	Monroe	2.8	—
LbC: Laidig channery loam, 3 to 15 percent slopes, very stony	Laidig	100	Valley floors	No	—	Monroe	146.1	—
LbD: Laidig channery loam, 15 to 25 percent slopes, very stony	Laidig	100	Valley floors	No	—	Monroe	1,241.1	5.2
LbE: Laidig channery loam, 25 to 45 percent slopes, very stony	Laidig	100	Valley floors	No	—	Monroe	459.5	—
LfC: Lily channery loam, warm, 8 to 15 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Monroe	55.8	—
LfD: Lily channery loam, warm, 15 to 25 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Monroe	176.3	—
LfE: Lily channery loam, warm, 25 to 35 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Monroe	90.1	—
LgC: Lily sandy loam, warm, 8 to 15 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Monroe	93.2	—
LgD: Lily sandy loam, warm, 15 to 25 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Monroe	391.8	—
LgE: Lily sandy loam, warm, 25 to 35 percent slopes	Lily-Warm	80-90	Hillslopes	No	—	Monroe	68.4	—
Ln: Lindside silt loam	Lindside	95	Flood plains	No	—	Monroe	54.5	—
	Melvin	5	Flood plains,flood plains	Yes	2			
LsB: Litz channery silt loam, 3 to 8 percent slopes	Litz	100	Hills	No	—	Monroe	17.4	
LsC: Litz channery silt loam, 8 to 15 percent slopes	Litz	100	Hills	No	—	Monroe	183.1	0.9
LsD: Litz channery silt loam, 15 to 25 percent slopes	Litz	100	Hills	No	—	Monroe	74.8	3.2
LsE: Litz channery silt loam, 25 to 35 percent slopes	Litz	100	Hillslopes	No	—	Monroe	130.5	5.0
LtB: Litz silt loam, 3 to 8 percent slopes	Litz	100	Hills	No	—	Monroe	192.1	0.7
LtC: Litz silt loam, 8 to 15 percent slopes	Litz	100	Hills	No	—	Monroe	963.9	—
LtD: Litz silt loam, 15 to 25 percent slopes	Litz	100	Hills	No	—	Monroe	413.6	—
LtE: Litz silt loam, 25 to 35 percent slopes	Litz	100	Hillslopes	No	—	Monroe	749.7	0.7
LtF: Litz silt loam, 35 to 60 percent slopes	Litz	100	Hillslopes	No	—	Monroe	60.5	—
LvD: Litz very channery silt loam, 15 to 35 percent slopes, very rocky	Litz	90	Hills	No	—	Monroe	10.3	—
LvE: Litz very channery silt loam, 35 to 45 percent slopes, very rocky	Litz	90	Hillslopes	No	—	Monroe	30.6	—
LwB: Litz-Cateache complex, 3 to 8 percent slopes	Litz	60	Hills	No	—	Monroe	310.7	—
	Cateache	40	Hills	No	—			
LwC: Litz-Cateache complex, 8 to 15 percent slopes	Litz	60	Hills	No	—	Monroe	1,109.8	—
	Cateache	40	Hills	No	—			
LxF: Litz-Rock outcrop complex, 45 to 60 percent slopes	Litz	50	Hillslopes	No	—	Monroe	7.2	—
	Rock outcrop	30	—	No	—			
MaA: Maurertown silt loam, 0 to 3 percent slopes	*Maurertown*	*100*	*Flood plains*	*Yes*	*2,3*	*Monroe*	*13.6*	*5.5*
Me: Melvin silt loam	*Melvin*	*100*	*Flood plains,flood plains*	*Yes*	*2*	*Monroe*	*412.4*	*7.4*
MgA: Monongahela silt loam, 0 to 3 percent slopes	Monongahela	95	Terraces	No	—	Monroe	61.7	—
	Maurertown	5	Flood plains	Yes	2,3			
MgB: Monongahela silt loam, 3 to 8 percent slopes	Monongahela	95	Terraces	No	—	Monroe	149.0	—
	Maurertown	5	Flood plains	Yes	2,3			
MgC: Monongahela silt loam, warm, 8 to 15 percent slopes	Monongahela-Warm	80-90	Stream terraces	No	—	Monroe	10.0	—
MuB: Murrill channery loam, 3 to 8 percent slopes	Murrill	100	Valley floors	No	—	Monroe	234.6	—
MuC: Murrill channery loam, 8 to 15 percent slopes	Murrill	100	Valley floors	No	—	Monroe	533.7	1.6

MuD: Murrill channery loam, 15 to 25 percent slopes	Murrill	100	Valley floors	No	—	Monroe	343.2	0.1
MuE: Murrill channery loam, 25 to 45 percent slopes	Murrill	100	Valley floors	No	—	Monroe	25.5	—
Ph: Philo silt loam, warm, 0 to 3 percent slopes, occasionally flooded	Philo-Warm	85-95	Flood plains	No	—	Monroe	197.6	—
	Atkins-Warm	0-10	Flood plains	Yes	2			
Po: Pope fine sandy loam, warm, 0 to 3 percent slopes, occasionally flooded	Pope-Warm	80-90	Flood plains	No	—	Monroe	101.7	—
	Atkins-Warm	0-10	Flood plains	Yes	2,3			
RgD: Rough very channery silt loam, 15 to 25 percent slopes	Rough	100	Hillslopes	No	—	Monroe	320.9	—
RgE: Rough very channery silt loam, 25 to 35 percent slopes	Rough	100	Hillslopes	No	—	Monroe	103.0	—
TtB: Tilsit silt loam, 3 to 8 percent slopes	Tilsit	95	Hills	No	—	Monroe	2,218.8	—
	Brinkerton	5	Mountain slopes	Yes	2			
TtC: Tilsit silt loam, 8 to 15 percent slopes	Tilsit	100	Hills	No	—	Monroe	100.3	—
Uf: Udifluvents-Fluvaquents complex	Udifluvents	45	Flood plains	No	—	Monroe	329.8	1.0
	Fluvaquents	35	Flood plains	Yes	2			
W: Water	Water	100	—	No	—	Monroe	36.2	—
WeB: Weikert channery silt loam, 3 to 8 percent slopes	Weikert	80	Hills	No	—	Monroe	9.2	—
WeC: Weikert channery silt loam, 8 to 15 percent slopes	Weikert	80	Hillslopes	No	—	Monroe	275.2	1.0
WeD: Weikert channery silt loam, 15 to 25 percent slopes	Weikert	75	Hillslopes	No	—	Monroe	180.1	1.9
WeF: Weikert channery silt loam, 25 to 55 percent slopes	Weikert	75	Mountain slopes	No	—	Monroe	2,560.3	20.4
1B: Allegheny loam, 2 to 7 percent slopes	Allegheny	85	Stream terraces	No	—	Giles	2.0	—
1C: Allegheny loam, 7 to 15 percent slopes	Allegheny	95	Stream terraces	No	—	Giles	7.7	—
10B: Cotaco loam, 2 to 7 percent slopes	Cotaco	85	Stream terraces	No	—	Giles	2.0	—
10C: Cotaco loam, 7 to 15 percent slopes	Cotaco	90	Stream terraces	No	—	Giles	0.5	—
17C: Gilpin silt loam, 7 to 15 percent slopes	Gilpin	85-95	Hills,mountains	No	—	Giles	0.3	—
17F: Gilpin silt loam, 30 to 65 percent slopes	Gilpin	90	Hills	No	—	Giles	2.6	—
18F: Gilpin very stony silt loam, 30 to 65 percent slopes	Gilpin	90	Hills	No	—	Giles	4.8	—
23F: Lehew and Wallen soils, very stony, 35 to 65 percent slopes	Lehew	60	Mountains	No	—	Giles	10.9	0.0
	Wallen	30	Mountains	No	—			
29B: Nolichucky loam, 2 to 7 percent slopes	Nolichucky	90	Hills	No	—	Giles	1.5	—
30C: Nolichucky very stony sandy loam, 7 to 15 percent slopes	Nolichucky	90	Drainageways,hills	No	—	Giles	0.6	—
30D: Nolichucky very stony sandy loam, 15 to 30 percent slopes	Nolichucky	90	Hills	No	—	Giles	2.8	—
30F: Nolichucky very stony sandy loam, 30 to 65 percent slopes	Nolichucky	90	Hills	No	—	Giles	27.5	—
46E: Dekalb cobbly sandy loam, 35 to 60 percent slopes, very stony	Dekalb-Very stony	80-90	Mountains	No	—	Jefferson National Forest	0.4	—
46ES: Dekalb cobbly sandy loam, 35 to 60 percent slopes, rubbly	Dekalb-Rubbly	80-90	Mountains	No	—	Jefferson National Forest	3.4	—
48D: Calvin very channery loam, 15 to 35 percent slopes, extremely stony	Calvin-Extremely stony	80-90	Mountains	No	—	Jefferson National Forest	14.6	—
48ER: Calvin-Rock outcrop complex, 35 to 60 percent slopes, extremely stony	Calvin-Extremely stony	60-70	Mountains	No	—	Jefferson National Forest	4.0	—
	Rock outcrop	15-25	Escarpments on mountains	Unranked	—			
75C: Lily gravelly sandy loam, 3 to 15 percent slopes	Lily	80-90	Mountains	No	—	Jefferson National Forest	1.6	—
75D: Lily gravelly sandy loam, 15 to 35 percent slopes	Lily	80-90	Ridges,hillslopes	No	—	Jefferson National Forest	5.5	—
75DR: Lily-Rock outcrop complex, 15 to 35 percent slopes	Lily	80-90	Ridges,hillslopes	No	—	Jefferson National Forest	6.2	—
	Rock outcrop	10-20	Escarpments on mountains	No	—			
75E: Lily gravelly sandy loam, 35 to 60 percent slopes	Lily	80-90	Ridges,hillslopes	No	—	Jefferson National Forest	5.0	—

Data Source Information

Soil Survey Area: Giles County, Virginia
Survey Area Data: Version 16, Sep 13, 2021
Soil Survey Area: Jefferson National Forest, Virginia
Survey Area Data: Version 13, Sep 16, 2021
Soil Survey Area: Monroe County, West Virginia
Survey Area Data: Version 15, Sep 13, 2021

Stony Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Stony Creek (Acres)	Project Area (Acres)
DeG: Dekalb channery loam, 55 to 70 percent slopes, very stony	Dekalb	100	Mountain slopes	No	—	Monroe	1,239.9	0.0
WeF: Weikert channery silt loam, 25 to 55 percent slopes	Weikert	75	Mountain slopes	No	—	Monroe	123.2	—
1: Atkins loam, 0 to 3 percent slopes, frequently flooded	*Atkins*	*80-95*	*Depressions on flood plains,backswamps on flood plains*	*Yes*	*2*	*Jefferson National Forest*	*15.1*	—
1B: Allegheny loam, 2 to 7 percent slopes	Allegheny	85	Stream terraces	No	—	Giles	262.8	3.0
1C: Allegheny loam, 7 to 15 percent slopes	Allegheny	95	Stream terraces	No	—	Giles	6.1	—
2: Philo fine sandy loam, 0 to 3 percent slopes, occasionally flooded	Philo	80-90	Flood plains	No	—	Jefferson National Forest	41.3	—
	Atkins	0-10	Depressions on flood plains,backswamps on flood plains	Yes	2			
2F: Berks channery silt loam, 30 to 65 percent slopes	Berks	90	Mountains	No	—	Giles	4.7	—
3: Craigsville cobbly sandy loam, 0 to 5 percent slopes, frequently flooded	Craigsville	85-95	Flood plains	No	—	Jefferson National Forest	212.1	—
4: Pope fine sandy loam, 0 to 3 percent slopes, occasionally flooded	Pope	80-90	Flood plains	No	—	Jefferson National Forest	42.0	—
4C: Braddock sandy loam, 7 to 15 percent slopes	Braddock	85	Stream terraces	No	—	Giles	60.9	2.8
4D: Braddock sandy loam, 15 to 25 percent slopes	Braddock	85	Stream terraces	No	—	Giles	95.8	4.3
4E: Braddock sandy loam, 25 to 35 percent slopes	Braddock	85	Stream terraces	No	—	Giles	137.6	2.5
5D: Carbo silty clay loam, very rocky, 15 to 45 percent slopes	Carbo	90	Hills	No	—	Giles	13.6	—
6F: Carbo-Rock outcrop complex, 25 to 65 percent slopes	Carbo	45-75	Ridges	No	—	Giles	515.6	6.4
	Rock outcrop	15-45	Escarpments on ridges	No	—			
9: Chavies variant, sandy loam	Chavies-Variant	90	Stream terraces	No	—	Giles	135.3	2.6
10B: Cotaco loam, 2 to 7 percent slopes	Cotaco	85	Stream terraces	No	—	Giles	113.2	8.0
11D: Faywood silt loam, 10 to 30 percent slopes	Faywood	90	Hills	No	—	Giles	25.9	—
11F: Faywood silt loam, 30 to 65 percent slopes	Faywood	90	Hills	No	—	Giles	23.3	—
12: Fluvaquents, nearly level	*Fluvaquents*	*80*	*Flood plains*	*Yes*	*2,3,4*	*Giles*	*207.5*	—
13D: Frederick silt loam, 15 to 25 percent slopes	Frederick	75-95	Hills	No	—	Giles	5.2	—
14: Botetourt loam, 0 to 5 percent slopes, rarely flooded	Botetourt	80-90	Stream terraces	No	—	Jefferson National Forest	220.4	—
	Maurertown	0-5	Backswamps on stream terraces,depressions on stream terraces	Yes	2			
15C: Frederick very stony silt loam, 7 to 15 percent slopes	Frederick	90	Hills	No	—	Giles	51.3	1.6
15D: Frederick very stony silt loam, 15 to 25 percent slopes	Frederick	90	Hills	No	—	Giles	12.9	3.7
15E: Frederick very stony silt loam, 25 to 35 percent slopes	Frederick	90	Hills	No	—	Giles	180.4	9.5

16D: Frederick-Rock outcrop complex, 10 to 30 percent	Frederick	70	Hills	No	—	Giles	37.7	—
	Rock outcrop	20	Escarpments	No	—			
16F: Frederick-Rock outcrop complex, 30 to 60 percent slopes	Frederick	70	Hills	No	—	Giles	169.6	—
	Rock outcrop	20	Escarpments	No	—			
17C: Gilpin silt loam, 7 to 15 percent slopes	Gilpin	85-95	Hills,mountains	No	—	Giles	13.2	—
17D: Gilpin silt loam, 15 to 30 percent slopes	Gilpin	90	Hills	No	—	Giles	18.5	—
17DS: Sherando very cobbly sandy loam, 15 to 35 percent slopes, rubbly	Sherando-Rubbly	80-90	Drainageways,coves	No	—	Jefferson National Forest	338.6	—
18: Tygart silt loam, 0 to 5 percent slopes	Tygart	80-90	Depressions on stream terraces,backswamps on stream terraces	No	—	Jefferson National Forest	16.3	—
	Purdy	0-10	Depressions on stream terraces,backswamps on stream terraces	Yes	2			
18D: Gilpin very stony silt loam, 10 to 30 percent slopes	Gilpin	90	Hills	No	—	Giles	62.5	—
18F: Gilpin very stony silt loam, 30 to 65 percent slopes	Gilpin	90	Hills	No	—	Giles	462.8	—
23C: Moomaw fine sandy loam, 3 to 15 percent slopes	Moomaw	80-90	Stream terraces	No	—	Jefferson National Forest	10.1	—
	Purdy	0-5	Depressions on stream terraces,backswamps on stream terraces	Yes	2			
23F: Lehew and Wallen soils, very stony, 35 to 65 percent slopes	Lehew	60	Mountains	No	—	Giles	225.7	1.5
	Wallen	30	Mountains	No	—			
24C: Alonzville fine sandy loam, 0 to 8 percent slopes, rarely flooded	Alonzville	75-95	Stream terraces	No	—	Jefferson National Forest	13.4	—
26C: Jefferson loam, 3 to 15 percent slopes	Jefferson	80-90	Fan aprons,benches	No	—	Jefferson National Forest	699.5	—
26D: Jefferson loam, 15 to 35 percent slopes	Jefferson	80-90	Fan aprons,benches	No	—	Jefferson National Forest	71.9	—
26E: Jefferson loam, 35 to 60 percent slopes	Jefferson	80-90	Fan aprons,benches	No	—	Jefferson National Forest	77.5	—
27C: Lily-Bailegap complex, very stony, 2 to 15 percent slopes	Lily	55	Mountains	No	—	Giles	56.1	—
	Bailegap	35	Mountains	No	—			
27E: Lily-Bailegap complex, very stony, 15 to 35 percent slopes	Lily	70	Mountains	No	—	Giles	333.3	3.3
	Bailegap	20	Mountains	No	—			
27F: Lily-Bailegap complex, very stony, 35 to 65 percent slopes	Lily	65	Mountains	No	—	Giles	852.6	—
	Bailegap	25	Mountains	No	—			
28C: Shelocta channery silt loam, 3 to 15 percent slopes	Shelocta	75-85	Fan aprons,benches	No	—	Jefferson National Forest	184.3	—
28D: Shelocta channery silt loam, 15 to 35 percent slopes	Shelocta	75-85	Fan aprons,benches	No	—	Jefferson National Forest	1,088.5	—
28E: Shelocta channery silt loam, 35 to 60 percent slopes	Shelocta	75-85	Fan aprons,benches	No	—	Jefferson National Forest	11.0	—
29C: Nolichucky loam, 7 to 15 percent slopes	Nolichucky	90	Hills	No	—	Giles	18.0	—
30C: Nolichucky very stony sandy loam, 7 to 15 percent slopes	Nolichucky	90	Drainageways,hills	No	—	Giles	207.0	3.2
30C: Laidig cobbly fine sandy loam, 3 to 15 percent slopes	Laidig	75-85	Fans,drainageways	No	—	Jefferson National Forest	613.8	—

30D: Nolichucky very stony sandy loam, 15 to 30 percent slopes	Nolichucky	90	Hills	No	—	Giles	1,008.9	20.6
30D: Laidig cobbly fine sandy loam, 15 to 35 percent slopes	Laidig	75-85	Fans,drainageways	No	—	Jefferson National Forest	868.1	—
30DS: Laidig cobbly fine sandy loam, 15 to 35 percent slopes, extremely stony	Laidig-Extremely stony	75-85	Fans,drainageways	No	—	Jefferson National Forest	81.5	—
30F: Nolichucky very stony sandy loam, 30 to 65 percent slopes	Nolichucky	90	Hills	No	—	Giles	2,081.5	21.1
41C: Berks-Weikert complex, 3 to 15 percent slopes	Berks	40-50	Hills	No	—	Jefferson National Forest	3.0	—
	Weikert	35-45	Hills	No	—			
41D: Berks-Weikert complex, 15 to 35 percent slopes	Berks	40-50	Hills	No	—	Jefferson National Forest	241.6	—
	Weikert	35-45	Hills	No	—			
41E: Berks-Weikert complex, 35 to 60 percent slopes	Berks	40-50	Hills	No	—	Jefferson National Forest	173.3	—
	Weikert	35-45	Hills	No	—			
41F: Berks-Weikert complex, 60 to 80 percent slopes	Berks	40-50	Hills	No	—	Jefferson National Forest	16.3	—
	Weikert	35-45	Hills	No	—			
45F: Dekalb, shallow-Rock outcrop complex, 60 to 80 percent slopes, extremely stony	Dekalb-Shallow	65-75	Mountains	No	—	Jefferson National Forest	431.0	—
	Rock outcrop	15-25	Escarpments on mountains	Unranked	—			
46D: Dekalb cobbly sandy loam, 15 to 35 percent slopes, very stony	Dekalb-Very stony	80-90	Mountains	No	—	Jefferson National Forest	75.1	—
46DS: Dekalb cobbly sandy loam, 15 to 35 percent slopes, rubbly	Dekalb-Rubbly	80-90	Mountains	No	—	Jefferson National Forest	91.9	—
46E: Dekalb cobbly sandy loam, 35 to 60 percent slopes, very stony	Dekalb-Very stony	80-90	Mountains	No	—	Jefferson National Forest	1,957.9	—
46ER: Dekalb-Rock outcrop complex, 35 to 60 percent slopes, extremely stony	Dekalb-Extremely stony	60-70	Mountains	No	—	Jefferson National Forest	771.4	—
	Rock outcrop	15-25	Escarpments on mountains	Unranked	—			
46ES: Dekalb cobbly sandy loam, 35 to 60 percent slopes, rubbly	Dekalb-Rubbly	80-90	Mountains	No	—	Jefferson National Forest	1,151.7	—
48C: Calvin very channery loam, 3 to 15 percent slopes, extremely stony	Calvin-Extremely stony	80-90	Mountains	No	—	Jefferson National Forest	21.1	—
48D: Calvin very channery loam, 15 to 35 percent slopes, extremely stony	Calvin-Extremely stony	80-90	Mountains	No	—	Jefferson National Forest	687.9	—
48ER: Calvin-Rock outcrop complex, 35 to 60 percent slopes, extremely stony	Calvin-Extremely stony	60-70	Mountains	No	—	Jefferson National Forest	1,449.8	—
	Rock outcrop	15-25	Escarpments on mountains	Unranked	—			
50: Rubble land, 35 to 60 percent slopes	Rubble land	90-100	Mountains	Unranked	—	Jefferson National Forest	8.9	—
57C: Clymer sandy loam, 3 to 15 percent slopes	Clymer	80-90	Mountains	No	—	Jefferson National Forest	9.9	—
57D: Clymer sandy loam, 15 to 35 percent slopes	Clymer	80-90	Mountains	No	—	Jefferson National Forest	120.7	—
57E: Clymer sandy loam, 35 to 60 percent slopes	Clymer	80-90	Mountains	No	—	Jefferson National Forest	57.7	0.2
59C: Gilpin channery silt loam, 3 to 15 percent slopes	Gilpin	80-90	Hills	No	—	Jefferson National Forest	58.9	—
59D: Gilpin channery silt loam, 15 to 35 percent slopes	Gilpin	80-90	Hills	No	—	Jefferson National Forest	279.0	—
59E: Gilpin channery silt loam, 35 to 60 percent slopes	Gilpin	80-90	Hills	No	—	Jefferson National Forest	523.7	—
64D: Brushy extremely gravelly loam, 15 to 35 percent slopes	Brushy	85-95	Mountains	No	—	Jefferson National Forest	1,179.8	—
64E: Brushy extremely gravelly loam, 35 to 60 percent slopes	Brushy	85-95	Mountains	No	—	Jefferson National Forest	421.1	—
66C: Bailegap sandy loam, 3 to 15 percent slopes	Bailegap	80-90	Mountains	No	—	Jefferson National Forest	314.0	—

66D: Bailegap sandy loam, 15 to 35 percent slopes	Bailegap	80-90	Mountains	No	—	Jefferson National Forest	1,238.0	1.9
66E: Bailegap sandy loam, 35 to 60 percent slopes	Bailegap	80-90	Mountains	No	—	Jefferson National Forest	365.2	1.7
75C: Lily gravelly sandy loam, 3 to 15 percent slopes	Lily	80-90	Mountains	No	—	Jefferson National Forest	40.6	—
75D: Lily gravelly sandy loam, 15 to 35 percent slopes	Lily	80-90	Ridges,hillslopes	No	—	Jefferson National Forest	1,838.9	—
75DR: Lily-Rock outcrop complex, 15 to 35 percent slopes	Lily	80-90	Ridges,hillslopes	No	—	Jefferson National Forest	276.3	—
	Rock outcrop	44489	Escarpments on mountains	No	—			
75E: Lily gravelly sandy loam, 35 to 60 percent slopes	Lily	80-90	Ridges,hillslopes	No	—	Jefferson National Forest	1,584.7	1.2
96D: Dekalb-Dekalb, shallow complex, 15 to 35 percent slopes, very stony	Dekalb-Very stony	45-55	Mountains	No	—	Jefferson National Forest	45.3	—
	Dekalb-Shallow	30-40	Mountains	No	—			
96E: Dekalb-Dekalb, shallow complex, 35 to 60 percent slopes, very stony	Dekalb-Very stony	45-55	Mountains	No	—	Jefferson National Forest	400.5	—
	Dekalb-Shallow	30-40	Mountains	No	—			
110: Haplosaprists, high elevation bog, 0 to 3 percent slopes	*Haplosaprists-High elevation bog*	*80-90*	*Bogs on mountains*	*Yes*	*1*	*Jefferson National Forest*	*44.7*	—
138C: Oriskany very cobbly sandy loam, 3 to 15 percent slopes, very stony	Oriskany-Very stony	80-90	Drainageways,coves	No	—	Jefferson National Forest	221.7	—
138CS: Oriskany very cobbly sandy loam, 3 to 15 percent slopes, rubbly	Oriskany-Rubbly	80-90	Drainageways,coves	No	—	Jefferson National Forest	124.6	—
138D: Oriskany very cobbly sandy loam, 15 to 35 percent slopes, very stony	Oriskany-Very stony	80-90	Drainageways,coves	No	—	Jefferson National Forest	931.5	0.3
138DS: Oriskany very cobbly sandy loam, 15 to 35 percent slopes, rubbly	Oriskany-Rubbly	80-90	Drainageways,coves	No	—	Jefferson National Forest	300.3	—
138E: Oriskany very cobbly sandy loam, 35 to 60 percent slopes, very stony	Oriskany-Very stony	80-90	Drainageways,coves	No	—	Jefferson National Forest	78.0	—
138ES: Oriskany very cobbly sandy loam, 35 to 60 percent slopes, rubbly	Oriskany-Rubbly	80-90	Drainageways,coves	No	—	Jefferson National Forest	214.6	0.9
W: Water	Water	100	Lakes,perenial streams	Unranked	—	Giles	8.4	0.6

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Survey Area Data: Version 15, Sep 13, 2021

Little Stony Creek-New River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Little Stoney Creek-New River (Acres)	Project Area (Acres)
1: Atkins loam, 0 to 3 percent slopes, frequently flooded	*Atkins*	*80-95*	*Depressions on flood plains,backswamps on flood plains*	*Yes*	*2*	*Jefferson National Forest*	*4.1*	—
1B: Allegheny loam, 2 to 7 percent slopes	Allegheny	85	Stream terraces	No	—	Giles	166.0	—
2: Philo fine sandy loam, 0 to 3 percent slopes, occasionally flooded	*Philo*	*80-90*	*Flood plains*	*No*	—	*Jefferson National Forest*	*31.8*	—
	Atkins	*0-10*	*Depressions on flood plains,backswamps on flood plains*	*Yes*	*2*			
3: Craigsville cobbly sandy loam, 0 to 5 percent slopes, frequently flooded	Craigsville	85-95	Flood plains	No	—	Jefferson National Forest	18.3	—
3F: Berks very stony silt loam, 30 to 65 percent slopes	Berks	90	Mountains	No	—	Giles	52.8	—
4B: Braddock sandy loam, 2 to 7 percent slopes	Braddock	85	Stream terraces	No	—	Giles	124.7	8.1
4C: Braddock sandy loam, 7 to 15 percent slopes	Braddock	85	Stream terraces	No	—	Giles	599.0	4.9
4D: Braddock sandy loam, 15 to 25 percent slopes	Braddock	85	Stream terraces	No	—	Giles	454.6	1.0
4E: Braddock sandy loam, 25 to 35 percent slopes	Braddock	85	Stream terraces	No	—	Giles	403.4	0.8
5C: Carbo silty clay loam, very rocky, 2 to 15 percent slopes	Carbo	90	Hills	No	—	Giles	138.0	1.4
5D: Carbo silty clay loam, very rocky, 15 to 45 percent slopes	Carbo	90	Hills	No	—	Giles	730.8	6.4
6F: Carbo-Rock outcrop complex, 25 to 65 percent slopes	Carbo	45-75	Ridges	No	—	Giles	1,632.5	20.3
	Rock outcrop	15-45	Escarpments on ridges	No	—			
7: Chagrin silt loam	Chagrin	90	Flood plains	No	—	Giles	105.6	—
	Fluvaquents	5	Flood plains	Yes	2,3,4			
8: Chagrin variant, loamy sand	Chagrin-Variant	90	Flood plains	No	—	Giles	107.7	—
9: Chavies variant, sandy loam	Chavies-Variant	90	Stream terraces	No	—	Giles	98.4	—
10B: Cotaco loam, 2 to 7 percent	Cotaco	85	Stream terraces	No	—	Giles	115.7	—
11D: Faywood silt loam, 10 to 30 percent slopes	Faywood	90	Hills	No	—	Giles	291.4	5.8
11F: Faywood silt loam, 30 to 65	Faywood	90	Hills	No	—	Giles	822.2	9.2
12: Fluvaquents, nearly level	Fluvaquents	80	Flood plains	Yes	2,3,4	Giles	579.3	—
13B: Frederick silt loam, 2 to 8	Frederick	80-90	Hills	No	—	Giles	3.9	—
13C: Frederick silt loam, 8 to 15 percent slopes	Frederick	75-95	Hills	No	—	Giles	141.3	—
13D: Frederick silt loam, 15 to 25	Frederick	75-95	Hills	No	—	Giles	116.7	—
13E: Frederick silt loam, 25 to 35 percent slopes	Frederick	85-95	Hills	No	—	Giles	174.1	—
14B: Frederick gravelly silt loam, 2 to 7 percent slopes	Frederick	85-95	Ridges	No	—	Giles	45.8	—
14C: Frederick gravelly silt loam, 7 to 15 percent slopes	Frederick	85-95	Ridges	No	—	Giles	643.9	0.6
14D: Frederick gravelly silt loam, 15 to 25 percent slopes	Frederick	85-95	Ridges	No	—	Giles	944.5	—

14E: Frederick gravelly silt loam, 25 to 35 percent slopes	Frederick	85-95	Ridges	No	—	Giles	1,684.4	0.8
15C: Frederick very stony silt loam, 7 to 15 percent slopes	Frederick	90	Hills	No	—	Giles	93.0	
15D: Frederick very stony silt loam, 15 to 25 percent slopes	Frederick	90	Hills	No	—	Giles	114.4	1.3
15E: Frederick very stony silt loam, 25 to 35 percent slopes	Frederick	90	Hills	No	—	Giles	281.9	3.7
16D: Frederick-Rock outcrop complex, 10 to 30 percent	Frederick	70	Hills	No	—	Giles	30.9	—
	Rock outcrop	20	Escarpments	No	—			
16F: Frederick-Rock outcrop complex, 30 to 60 percent	Frederick	70	Hills	No	—	Giles	948.1	1.1
	Rock outcrop	20	Escarpments	No	—			
17D: Gilpin silt loam, 15 to 30 percent slopes	Gilpin	90	Hills	No	—	Giles	5.6	—
17DS: Sherando very cobbly sandy loam, 15 to 35 percent slopes, rubbly	Sherando-Rubbly	80-90	Drainageways,coves	No	—	Jefferson National Forest	14.7	—
17F: Gilpin silt loam, 30 to 65 percent slopes	Gilpin	90	Hills	No	—	Giles	19.2	—
18D: Gilpin very stony silt loam, 10 to 30 percent slopes	Gilpin	90	Hills	No	—	Giles	46.8	—
18F: Gilpin very stony silt loam, 30 to 65 percent slopes	Gilpin	90	Hills	No	—	Giles	327.9	—
22D: Jefferson variant and Drall soils, very stony, 10 to 30	Jefferson-Variant	60	Fans on mountain	No	—	Giles	217.5	—
	Drall	30	Mountains	No	—			
22F: Jefferson variant and Drall soils, very stony, 30 to 65	Jefferson-Variant	60	Fans on mountain	No	—	Giles	775.3	—
	Drall	30	Mountains	No	—			
24C: Lily gravelly sandy loam, 0 to 15 percent slopes	Lily	85	Mountains	No	—	Giles	13.2	—
26C: Jefferson loam, 3 to 15 percent slopes	Jefferson	80-90	Fan aprons,benches	No	—	Jefferson National Forest	3.7	—
26E: Jefferson loam, 35 to 60 percent slopes	Jefferson	80-90	Fan aprons,benches	No	—	Jefferson National Forest	2.0	—
27C: Lily-Bailegap complex, very stony, 2 to 15 percent slopes	Lily	55	Mountains	No	—	Giles	626.4	—
	Bailegap	35	Mountains	No	—			—
27E: Lily-Bailegap complex, very stony, 15 to 35 percent slopes	Lily	70	Mountains	No	—	Giles	2,233.6	—
	Bailegap	20	Mountains	No	—			
27F: Lily-Bailegap complex, very stony, 35 to 65 percent slopes	Lily	65	Mountains	No	—	Giles	1,700.9	—
	Bailegap	25	Mountains	No	—			
28E: Lily-Bailegap complex, extremely stony, 15 to 35	Lily	55	Mountains	No	—	Giles	125.7	—
	Bailegap	35	Mountains	No	—			
29B: Nolichucky loam, 2 to 7 percent slopes	Nolichucky	90	Hills	No	—	Giles	52.6	—
29C: Nolichucky loam, 7 to 15 percent slopes	Nolichucky	90	Hills	No	—	Giles	81.3	—
29D: Nolichucky loam, 15 to 25 percent slopes	Nolichucky	90	Hills	No	—	Giles	32.1	—
30C: Nolichucky very stony sandy loam, 7 to 15 percent slopes	Nolichucky	90	Drainageways,hills	No	—	Giles	1,079.1	18.6
30C: Laidig cobbly fine sandy loam, 3 to 15 percent slopes	Laidig	75-85	Fans,drainageways	No	—	Jefferson National Forest	202.5	—
30D: Nolichucky very stony sandy loam, 15 to 30 percent slopes	Nolichucky	90	Hills	No	—	Giles	1,684.4	8.9
30D: Laidig cobbly fine sandy loam, 15 to 35 percent slopes	Laidig	75-85	Fans,drainageways	No	—	Jefferson National Forest	24.4	—
30DS: Laidig cobbly fine sandy loam, 15 to 35 percent slopes, extremely stony	Laidig-Extremely stony	75-85	Fans,drainageways	No	—	Jefferson National Forest	67.9	—

30F: Nolichucky very stony sandy loam, 30 to 65 percent slopes	Nolichucky	90	Hills	No	—	Giles	2,369.1	15.4
31C: Poplimento silt loam, 7 to 15 percent slopes	Poplimento	85	Hills	No	—	Giles	119.6	2.3
31D: Poplimento silt loam, 15 to 25 percent slopes	Poplimento	85	Hills	No	—	Giles	120.0	—
31E: Poplimento silt loam, 25 to 35 percent slopes	Poplimento	85	Hills	No	—	Giles	175.5	—
33D: Sequoia silt loam, 10 to 30 percent slopes	Sequoia	90	Hills	No	—	Giles	34.3	—
33F: Sequoia silt loam, 30 to 65 percent slopes	Sequoia	90	Hills	No	—	Giles	5.9	—
35B: Timberville variant loam, 2 to	Timberville-Variant	90	Drainageways	No	—	Giles	64.0	—
	Fluvaquents	3	Flood plains	Yes	2,3,4			
35C: Timberville variant, loam, 7 to 15 percent slopes	Timberville-Variant	90	Drainageways	No	—	Giles	13.1	—
41E: Berks-Weikert complex, 35 to 60 percent slopes	Berks	40-50	Hills	No	—	Jefferson National Forest	160.0	—
	Weikert	35-45	Hills	No	—			
41F: Berks-Weikert complex, 60 to 80 percent slopes	Berks	40-50	Hills	No	—	Jefferson National Forest	120.9	—
	Weikert	35-45	Hills	No	—			
45F: Dekalb, shallow-Rock outcrop complex, 60 to 80 percent slopes, extremely stony	Dekalb-Shallow	65-75	Mountains	No	—	Jefferson National Forest	611.4	—
	Rock outcrop	15-25	Escarpments on mountains	Unranked	—			
46C: Dekalb cobbly sandy loam, 3 to 15 percent slopes, very stony	Dekalb-Very stony	80-90	Mountains	No	—	Jefferson National Forest	17.4	—
46D: Dekalb cobbly sandy loam, 15 to 35 percent slopes, very stony	Dekalb-Very stony	80-90	Mountains	No	—	Jefferson National Forest	146.4	—
46E: Dekalb cobbly sandy loam, 35 to 60 percent slopes, very stony	Dekalb-Very stony	80-90	Mountains	No	—	Jefferson National Forest	358.0	—
48C: Calvin very channery loam, 3 to 15 percent slopes, extremely stony	Calvin-Extremely stony	80-90	Mountains	No	—	Jefferson National Forest	247.7	—
48D: Calvin very channery loam, 15 to 35 percent slopes, extremely stony	Calvin-Extremely stony	80-90	Mountains	No	—	Jefferson National Forest	119.4	—
48ER: Calvin-Rock outcrop complex, 35 to 60 percent slopes, extremely stony	Calvin-Extremely stony	60-70	Mountains	No	—	Jefferson National Forest	31.9	—
	Rock outcrop	15-25	Escarpments on mountains	Unranked	—			
57C: Clymer sandy loam, 3 to 15 percent slopes	Clymer	80-90	Mountains	No	—	Jefferson National Forest	119.8	—
57D: Clymer sandy loam, 15 to 35 percent slopes	Clymer	80-90	Mountains	No	—	Jefferson National Forest	53.8	—
59C: Gilpin channery silt loam, 3 to 15 percent slopes	Gilpin	80-90	Hills	No	—	Jefferson National Forest	76.6	—
59D: Gilpin channery silt loam, 15 to 35 percent slopes	Gilpin	80-90	Hills	No	—	Jefferson National Forest	16.1	—
59E: Gilpin channery silt loam, 35 to 60 percent slopes	Gilpin	80-90	Hills	No	—	Jefferson National Forest	6.3	—
64D: Brushy extremely gravelly loam, 15 to 35 percent slopes	Brushy	85-95	Mountains	No	—	Jefferson National Forest	85.4	—
64E: Brushy extremely gravelly loam, 35 to 60 percent slopes	Brushy	85-95	Mountains	No	—	Jefferson National Forest	40.7	—
66C: Bailegap sandy loam, 3 to 15 percent slopes	Bailegap	80-90	Mountains	No	—	Jefferson National Forest	481.6	—
66D: Bailegap sandy loam, 15 to 35 percent slopes	Bailegap	80-90	Mountains	No	—	Jefferson National Forest	472.1	—
75C: Lily gravelly sandy loam, 3 to 15 percent slopes	Lily	80-90	Mountains	No	—	Jefferson National Forest	268.4	—

75D: Lily gravelly sandy loam, 15 to 35 percent slopes	Lily	80-90	Ridges,hillslopes	No	—	Jefferson National Forest	328.5	—
75DR: Lily-Rock outcrop complex, 15 to 35 percent slopes	Lily	80-90	Ridges,hillslopes	No	—	Jefferson National Forest	170.4	—
	Rock outcrop	44489	Escarpments on mountains	No	—			
75E: Lily gravelly sandy loam, 35 to 60 percent slopes	Lily	80-90	Ridges,hillslopes	No	—	Jefferson National Forest	245.0	—
96C: Dekalb-Dekalb, shallow complex, 3 to 15 percent slopes, very stony	Dekalb-Very stony	45-55	Mountains	No	—	Jefferson National Forest	27.0	—
	Dekalb-Shallow	30-40	Mountains	No	—			
96D: Dekalb-Dekalb, shallow complex, 15 to 35 percent slopes, very stony	Dekalb-Very stony	45-55	Mountains	No	—	Jefferson National Forest	182.6	—
	Dekalb-Shallow	30-40	Mountains	No	—			
96E: Dekalb-Dekalb, shallow complex, 35 to 60 percent slopes, very stony	Dekalb-Very stony	45-55	Mountains	No	—	Jefferson National Forest	36.9	—
	Dekalb-Shallow	30-40	Mountains	No	—			
96ES: Dekalb-Dekalb, shallow complex, 35 to 60 percent slopes, rubbly	Dekalb-Rubbly	45-55	Mountains	No	—	Jefferson National Forest	112.3	—
	Dekalb-Shallow	30-45	Mountains	No	—			
96F: Dekalb, shallow-Dekalb complex, 60 to 80 percent slopes, very stony	Dekalb-Shallow	45-55	Mountains	No	—	Jefferson National Forest	28.5	—
	Dekalb-Very stony	30-40	Mountains	No	—			
110: Haplosaprists, high elevation bog, 0 to 3 percent slopes	*Haplosaprists-High elevation bog*	*80-90*	*Bogs on mountains*	*Yes*	*1*	*Jefferson National Forest*	*75.8*	—
138C: Oriskany very cobbly sandy loam, 3 to 15 percent slopes, very stony	Oriskany-Very stony	80-90	Drainageways,coves	No	—	Jefferson National Forest	38.5	—
138D: Oriskany very cobbly sandy loam, 15 to 35 percent slopes, very stony	Oriskany-Very stony	80-90	Drainageways,coves	No	—	Jefferson National Forest	19.9	—
138DS: Oriskany very cobbly sandy loam, 15 to 35 percent slopes, rubbly	Oriskany-Rubbly	80-90	Drainageways,coves	No	—	Jefferson National Forest	32.0	—
138ES: Oriskany very cobbly sandy loam, 35 to 60 percent slopes, rubbly	Oriskany-Rubbly	80-90	Drainageways,coves	No	—	Jefferson National Forest	51.7	—
W: Water	Water	100	Lakes,perenial streams	Unranked	—	Giles	526.1	—

Data Source Information

Soil Survey Area: Giles County, Virginia
Survey Area Data: Version 16, Sep 13, 2021
Soil Survey Area: Jefferson National Forest, Virginia
Survey Area Data: Version 13, Sep 16, 2021

Lower Sinking Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Lower Sinking Creek (Acres)	Project Area (Acres)
1B: Allegheny loam, 2 to 7 percent slopes	Allegheny	85	Stream terraces	No	—	Giles	58.0	—
1C: Allegheny loam, 7 to 15 percent slopes	Allegheny	95	Stream terraces	No	—	Giles	7.3	—
2D: Berks channery silt loam, 10 to 30 percent slopes	Berks	90	Mountains	No	—	Giles	189.5	—
2F: Berks channery silt loam, 30 to 65 percent slopes	Berks	90	Mountains	No	—	Giles	575.9	—
3F: Berks very stony silt loam, 30 to 65 percent slopes	Berks	90	Mountains	No	—	Giles	671.6	—
4B: Braddock sandy loam, 2 to 7 percent slopes	Braddock	85	Stream terraces	No	—	Giles	61.5	1.4
4C: Braddock sandy loam, 7 to 15 percent slopes	Braddock	85	Stream terraces	No	—	Giles	207.4	1.4
4D: Braddock sandy loam, 15 to 25 percent slopes	Braddock	85	Stream terraces	No	—	Giles	121.1	—
4E: Bailegap fine sandy loam, 15 to 35 percent slopes, very stony	Bailegap	85-95	Hills,mountains	No	—	Craig	7.4	—
4E: Braddock sandy loam, 25 to 35 percent slopes	Braddock	85	Stream terraces	No	—	Giles	58.6	—
5C: Carbo silty clay loam, very rocky, 2 to 15 percent slopes	Carbo	90	Hills	No	—	Giles	135.0	—
5D: Carbo silty clay loam, very rocky, 15 to 45 percent slopes	Carbo	90	Hills	No	—	Giles	845.1	5.7
6F: Carbo-Rock outcrop complex, 25 to 65 percent slopes	Carbo	45-75	Ridges	No	—	Giles	1,931.9	11.1
	Rock outcrop	15-45	Escarpments on ridges	No	—			
7: Chagrin silt loam	Chagrin	90	Flood plains	No	—	Giles	259.1	3.8
	Fluvaquents	5	Flood plains	Yes	2,3,4			
7E: Berks-Weikert complex, 15 to 35 percent slopes	Berks	45-55	Hills,mountains	No	—	Craig	5.1	—
	Weikert	30-40	Hills,mountains	No	—			
7G: Berks-Weikert complex, 35 to 70 percent slopes	Berks	45-55	Hills,mountains	No	—	Craig	19.8	—
	Weikert	30-40	Hills,mountains	No	—			
8: Chagrin variant, loamy sand	Chagrin-Variant	90	Flood plains	No	—	Giles	2.5	—
9: Chavies variant, sandy loam	Chavies-Variant	90	Stream terraces	No	—	Giles	41.3	—
11D: Faywood silt loam, 10 to 30 percent slopes	Faywood	90	Hills	No	—	Giles	53.1	4.3
11F: Faywood silt loam, 30 to 65 percent slopes	Faywood	90	Hills	No	—	Giles	87.4	1.7
12: Fluvaquents, nearly level	*Fluvaquents*	*80*	*Flood plains*	*Yes*	*2,3,4*	*Giles*	*6.1*	—
13B: Frederick silt loam, 2 to 8 percent slopes	Frederick	80-90	Hills	No	—	Giles	10.9	—
13C: Frederick silt loam, 8 to 15 percent slopes	Frederick	75-95	Hills	No	—	Giles	207.5	—
13D: Frederick silt loam, 15 to 25 percent slopes	Frederick	75-95	Hills	No	—	Giles	155.1	—
13E: Frederick silt loam, 25 to 35 percent slopes	Frederick	85-95	Hills	No	—	Giles	299.7	—
14B: Frederick gravelly silt loam, 2 to 7 percent slopes	Frederick	85-95	Ridges	No	—	Giles	115.4	—
14C: Frederick gravelly silt loam, 7 to 15 percent slopes	Frederick	85-95	Ridges	No	—	Giles	584.7	8.9
14D: Frederick gravelly silt loam, 15 to 25 percent slopes	Frederick	85-95	Ridges	No	—	Giles	813.7	8.7
14E: Frederick gravelly silt loam, 25 to 35 percent slopes	Frederick	85-95	Ridges	No	—	Giles	1,860.8	9.4
15C: Frederick very stony silt loam, 7 to 15 percent slopes	Frederick	90	Hills	No	—	Giles	17.3	—
15E: Dekalb channery sandy loam, 8 to 35 percent slopes, extremely stony	Dekalb	85-95	Hills,mountains	No	—	Craig	1.2	—
15E: Frederick very stony silt loam, 25 to 35 percent slopes	Frederick	90	Hills	No	—	Giles	27.2	—
15F: Dekalb channery sandy loam, 35 to 55 percent slopes, extremely stony	Dekalb	80-90	Hills,mountains	No	—	Craig	3.9	—
16D: Frederick-Rock outcrop complex, 10 to 30 percent slopes	Frederick	70	Hills	No	—	Giles	132.8	—
	Rock outcrop	20	Escarpments	No	—			
16F: Frederick-Rock outcrop complex, 30 to 60 percent slopes	Frederick	70	Hills	No	—	Giles	369.1	1.8
	Rock outcrop	20	Escarpments	No	—			
17C: Gilpin silt loam, 7 to 15 percent slopes	Gilpin	85-95	Hills,mountains	No	—	Giles	84.9	—
17D: Gilpin silt loam, 15 to 30 percent slopes	Gilpin	90	Hills	No	—	Giles	176.0	3.7
17F: Gilpin silt loam, 30 to 65 percent slopes	Gilpin	90	Hills	No	—	Giles	413.0	7.5
18D: Gilpin very stony silt loam, 10 to 30 percent slopes	Gilpin	90	Hills	No	—	Giles	157.1	—
18F: Gilpin very stony silt loam, 30 to 65 percent slopes	Gilpin	90	Hills	No	—	Giles	276.9	—
22D: Jefferson variant and Drall soils, very stony, 10 to 30 percent slopes	Jefferson-Variant	60	Fans on mountain valleys	No	—	Giles	101.6	—
	Drall	30	Mountains	No	—			

22F: Jefferson variant and Drall soils, very stony, 30 to 65 percent slopes	Jefferson-Variant	60	Fans on mountain valleys	No	—	Giles	1,580.3	—
	Drall	30	Mountains	No	—			
23F: Lehew and Wallen soils, very stony, 35 to 65 percent slopes	Lehew	60	Mountains	No	—	Giles	212.6	—
	Wallen	30	Mountains	No	—			
27E: Oriskany gravelly fine sandy loam, 15 to 35 percent slopes, extremely stony	Oriskany-Extremely stony	85-95	Fans, fans	No	—	Craig	21.2	—
28E: Shelocta channery silt loam, 35 to 60 percent slopes	Shelocta	75-85	Fan aprons,benches	No	—	Jefferson National Forest	1.8	—
29B: Nolichucky loam, 2 to 7 percent slopes	Nolichucky	90	Hills	No	—	Giles	248.6	3.1
29C: Nolichucky loam, 7 to 15 percent slopes	Nolichucky	90	Hills	No	—	Giles	501.3	1.7
29D: Nolichucky loam, 15 to 25 percent slopes	Nolichucky	90	Hills	No	—	Giles	387.5	2.8
30C: Nolichucky very stony sandy loam, 7 to 15 percent slopes	Nolichucky	90	Drainageways,hills	No	—	Giles	419.2	1.8
30D: Nolichucky very stony sandy loam, 15 to 30 percent slopes	Nolichucky	90	Hills	No	—	Giles	1,259.8	3.3
30F: Nolichucky very stony sandy loam, 30 to 65 percent slopes	Nolichucky	90	Hills	No	—	Giles	962.5	4.3
31C: Poplimento silt loam, 7 to 15 percent slopes	Poplimento	85	Hills	No	—	Giles	109.1	4.3
31D: Poplimento silt loam, 15 to 25 percent slopes	Poplimento	85	Hills	No	—	Giles	140.3	1.6
31E: Poplimento silt loam, 25 to 35 percent slopes	Poplimento	85	Hills	No	—	Giles	190.7	5.2
33D: Sequoia silt loam, 10 to 30 percent slopes	Sequoia	90	Hills	No	—	Giles	178.8	8.1
33F: Sequoia silt loam, 30 to 65 percent slopes	Sequoia	90	Hills	No	—	Giles	571.3	3.6
35B: Timberville variant loam, 2 to 7 percent slopes	Timberville-Variant	90	Drainageways	No	—	Giles	200.0	—
	Fluvaquents	3	Flood plains	Yes	2,3,4			
35C: Timberville variant, loam, 7 to 15 percent slopes	Timberville-Variant	90	Drainageways	No	—	Giles	117.0	1.4
41E: Berks-Weikert complex, 35 to 60 percent slopes	Berks	40-50	Hills	No	—	Jefferson National Forest	36.2	—
	Weikert	35-45	Hills	No	—			
46D: Dekalb cobbly sandy loam, 15 to 35 percent slopes, very stony	Dekalb-Very stony	80-90	Mountains	No	—	Jefferson National Forest	4.4	—
46E: Dekalb cobbly sandy loam, 35 to 60 percent slopes, very stony	Dekalb-Very stony	80-90	Mountains	No	—	Jefferson National Forest	118.0	—
46ER: Dekalb-Rock outcrop complex, 35 to 60 percent slopes, extremely stony	Dekalb-Extremely stony	60-70	Mountains	No	—	Jefferson National Forest	65.5	—
	Rock outcrop	15-25	Escarpments on mountains	Unranked	—			
46ES: Dekalb cobbly sandy loam, 35 to 60 percent slopes, rubbly	Dekalb-Rubbly	80-90	Mountains	No	—	Jefferson National Forest	185.5	—
48D: Calvin very channery loam, 15 to 35 percent slopes, extremely stony	Calvin-Extremely stony	80-90	Mountains	No	—	Jefferson National Forest	50.6	—
48ER: Calvin-Rock outcrop complex, 35 to 60 percent slopes, extremely stony	Calvin-Extremely stony	60-70	Mountains	No	—	Jefferson National Forest	12.5	—
	Rock outcrop	15-25	Escarpments on mountains	Unranked	—			
59D: Gilpin channery silt loam, 15 to 35 percent slopes	Gilpin	80-90	Hills	No	—	Jefferson National Forest	5.9	—
59E: Gilpin channery silt loam, 35 to 60 percent slopes	Gilpin	80-90	Hills	No	—	Jefferson National Forest	19.3	—
66D: Bailegap sandy loam, 15 to 35 percent slopes	Bailegap	80-90	Mountains	No	—	Jefferson National Forest	15.2	—
138D: Oriskany very cobbly sandy loam, 15 to 35 percent slopes, very stony	Oriskany-Very stony	80-90	Drainageways,coves	No	—	Jefferson National Forest	17.6	—
138ES: Oriskany very cobbly sandy loam, 35 to 60 percent slopes, rubbly	Oriskany-Rubbly	80-90	Drainageways,coves	No	—	Jefferson National Forest	3.5	—
W: Water	Water	100	Lakes,perenial streams	Unranked	—	Giles	4.8	—

Data Source Information

Soil Survey Area: Craig County, Virginia
Survey Area Data: Version 12, Sep 13, 2021
Soil Survey Area: Giles County, Virginia
Survey Area Data: Version 16, Sep 13, 2021
Soil Survey Area: Jefferson National Forest, Virginia
Survey Area Data: Version 13, Sep 16, 2021

Upper Sinking Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Upper Sinking Creek (Acres)	Project Area (Acres)
1A: Alonzville loam, 0 to 3 percent slopes, rarely flooded	Alonzville-Rarely flooded	75-95	Stream terraces	No	—	Craig	11.4	—
1B: Alonzville loam, 3 to 8 percent slopes, rarely flooded	Alonzville-Rarely flooded	75-95	Stream terraces	No	—	Craig	23.8	—
1B: Allegheny loam, 2 to 7 percent slopes	Allegheny	85	Stream terraces	No	—	Giles	25.8	0.6
2: Philo fine sandy loam, 0 to 3 percent slopes, occasionally flooded	Philo	80-90	Flood plains	No	—	Jefferson National Forest	13.7	—
	Atkins	0-10	Depressions on flood plains,backswamps on flood plains	Yes	2			
2B: Alonzville loam, 3 to 8 percent slopes	Alonzville	75-95	Stream terraces	No	—	Craig	60.9	—
2F: Berks channery silt loam, 30 to 65 percent slopes	Berks	90	Mountains	No	—	Giles	24.0	—
3A: Atkins fine sandy loam, 0 to 3 percent slopes, frequently flooded	*Atkins*	*85-95*	*Backswamps on flood plains,depressions on flood plains*	*Yes*	*2*	*Craig*	*338.9*	—
3F: Berks very stony silt loam, 30 to 65 percent slopes	Berks	90	Mountains	No	—	Giles	16.1	—
4B: Braddock sandy loam, 2 to 7 percent slopes	Braddock	85	Stream terraces	No	—	Giles	18.1	—
4C: Braddock sandy loam, 7 to 15 percent slopes	Braddock	85	Stream terraces	No	—	Giles	18.3	1.2
4D: Braddock sandy loam, 15 to 25 percent slopes	Braddock	85	Stream terraces	No	—	Giles	3.6	—
4E: Bailegap fine sandy loam, 15 to 35 percent slopes, very stony	Bailegap	85-95	Hills,mountains	No	—	Craig	94.1	—
4E: Berks-Rock outcrop complex, 25 to 70 percent slopes	Berks	50	Hills	No	—	Montgomery	19.6	—
	Rock outcrop	30	Hills,escarpments	No	—			
5C: Carbo silty clay loam, very rocky, 2 to 15 percent slopes	Carbo	90	Hills	No	—	Giles	6.6	—
5D: Carbo silty clay loam, very rocky, 15 to 45 percent slopes	Carbo	90	Hills	No	—	Giles	9.8	—
5G: Bailegap-Lily-Dekalb complex, 35 to 70 percent slopes, very stony	Bailegap	30-40	Hills,mountains	No	—	Craig	220.3	—
	Lily	25-35	Hills,mountains	No	—			
	Dekalb	20-25	Hills,mountains	No	—			
6E: Berks-Culleoka complex, 25 to 35 percent slopes	Berks	50-60	Hills,mountains	No	—	Craig	1,860.0	4.7
	Culleoka	30-40	Hills,mountains	No	—			
6F: Carbo-Rock outcrop complex, 25 to 65 percent slopes	Carbo	45-75	Ridges	No	—	Giles	38.8	2.5
	Rock outcrop	15-45	Escarpments on ridges	No	—			
6G: Berks-Culleoka complex, 35 to 70 percent slopes	Berks	55-65	Hills,mountains	No	—	Craig	1,143.0	1.3
	Culleoka	25-35	Hills,mountains	No	—			
7: Chagrin silt loam	Chagrin	90	Flood plains	No	—	Giles	98.6	0.7
	Fluvaquents	5	Flood plains	Yes	2,3,4			
7D: Berks and Weikert very stony soils, 15 to 35 percent slopes	Berks	50	Hills	No	—	Montgomery	0.3	—
	Weikert	25	Hills	No	—			—
8: Chagrin variant, loamy sand	Chagrin-Variant	90	Flood plains	No	—	Giles	70.6	—
9: Chavies variant, sandy loam	Chavies-Variant	90	Stream terraces	No	—	Giles	8.8	—
9E: Calvin channery silt loam, 15 to 35 percent slopes, very stony	Calvin	75-85	Hills,mountains	No	—	Craig	295.1	—
10B: Cotaco loam, 2 to 7 percent slopes	Cotaco	85	Stream terraces	No	—	Giles	7.0	—
10G: Calvin-Rough complex, 35 to 70 percent slopes, very stony	Calvin	50-60	Mountains,hills	No	—	Craig	729.9	1.4
	Rough	25-35	Hills,mountains	No	—			
11E: Carbo-Rock outcrop complex, 8 to 35 percent slopes, eroded	Carbo	55-65	Ridges	No	—	Craig	386.9	0.0
	Rock outcrop	15-35	Escarpments on ridges	No	—			
11F: Carbo-Rock outcrop complex, 35 to 55 percent slopes, eroded	Carbo	55-65	Ridges	No	—	Craig	661.4	—
	Rock outcrop	15-35	Escarpments on ridges	No	—			
12E: Carbo-Rock outcrop complex, karst, 8 to 35 percent slopes, eroded	Carbo	55-65	Hills	No	—	Craig	58.2	—
	Rock outcrop	15-30	Escarpments on hills	No	—			
13A: Coursey loam, 0 to 3 percent slopes, rarely flooded	Coursey	75-90	Stream terraces	No	—	Craig	23.9	—
	Maurertown	0-3	Backswamps on stream terraces	Yes	2			

13B: Frederick silt loam, 2 to 8 percent slopes	Frederick	80-90	Hills	No	—	Giles	6.9	—
13B: Coursey loam, 3 to 8 percent slopes, rarely flooded	Coursey	75-90	Stream terraces	No	—	Craig	51.6	—
	Maurertown	0-3	Backswamps on stream terraces	Yes	2			
13C: Frederick silt loam, 8 to 15 percent slopes	Frederick	75-95	Hills	No	—	Giles	64.7	
13D: Frederick silt loam, 15 to 25 percent slopes	Frederick	75-95	Hills	No	—	Giles	104.1	0.0
13E: Frederick silt loam, 25 to 35 percent slopes	Frederick	85-95	Hills	No	—	Giles	150.7	2.1
14B: Frederick gravelly silt loam, 2 to 7 percent slopes	Frederick	85-95	Ridges	No	—	Giles	14.9	—
14C: Culleoka-Berks complex, 8 to 15 percent slopes	Culleoka	45-55	Hills,mountains	No	—	Craig	479.7	—
	Berks	35-45	Hills,mountains	No	—			
14C: Frederick gravelly silt loam, 7 to 15 percent slopes	Frederick	85-95	Ridges	No	—	Giles	208.5	18.9
14D: Culleoka-Berks complex, 15 to 25 percent slopes	Culleoka	45-55	Hills,mountains	No	—	Craig	1,628.5	—
	Berks	35-45	Hills,mountains	No	—			
14D: Frederick gravelly silt loam, 15 to 25 percent slopes	Frederick	85-95	Ridges	No	—	Giles	347.7	17.9
14E: Frederick gravelly silt loam, 25 to 35 percent slopes	Frederick	85-95	Ridges	No	—	Giles	1,110.2	21.3
15E: Dekalb channery sandy loam, 8 to 35 percent slopes, extremely stony	Dekalb	85-95	Hills,mountains	No	—	Craig	24.0	—
15F: Dekalb channery sandy loam, 35 to 55 percent slopes, extremely stony	Dekalb	80-90	Hills,mountains	No	—	Craig	257.0	—
16D: Frederick-Rock outcrop complex, 10 to 30 percent slopes	Frederick	70	Hills	No	—	Giles	15.7	—
	Rock outcrop	20	Escarpments	No	—			
16E: Dekalb-Rock outcrop complex, 8 to 35 percent slopes, extremely stony	Dekalb	70-80	Hills,mountains	No	—	Craig	8.4	—
	Rock outcrop	44489	Escarpments on hills,escarpments on mountains	No	—			
16F: Frederick-Rock outcrop complex, 30 to 60 percent slopes	Frederick	70	Hills	No	—	Giles	194.7	—
	Rock outcrop	20	Escarpments	No	—			
17C: Gilpin silt loam, 7 to 15 percent slopes	Gilpin	85-95	Hills,mountains	No	—	Giles	8.9	—
17D: Gilpin silt loam, 15 to 30 percent slopes	Gilpin	90	Hills	No	—	Giles	17.3	—
17DS: Sherando very cobbly sandy loam, 15 to 35 percent slopes, rubbly	Sherando-Rubbly	80-90	Drainageways,coves	No	—	Jefferson National Forest	11.9	—
17F: Gilpin silt loam, 30 to 65 percent slopes	Gilpin	90	Hills	No	—	Giles	94.8	—
18D: Gilpin very stony silt loam, 10 to 30 percent slopes	Gilpin	90	Hills	No	—	Giles	6.7	2.4
18E: Escatawba loam, 15 to 35 percent slopes, very stony	Escatawba-Very stony	80-90	Fans,fans,fans	No	—	Craig	53.6	
18F: Gilpin very stony silt loam, 30 to 65 percent slopes	Gilpin	90	Hills	No	—	Giles	295.4	2.0
19B: Frederick silt loam, 2 to 8 percent slopes	Frederick	80-90	Hills	No	—	Craig	77.0	—
19C: Frederick silt loam, 8 to 15 percent slopes	Frederick	75-95	Hills	No	—	Craig	1,094.5	3.6
19D: Frederick silt loam, 15 to 25 percent slopes	Frederick	75-95	Hills	No	—	Craig	1,359.7	6.3
19E: Frederick silt loam, 25 to 35 percent slopes	Frederick	85-95	Hills	No	—	Craig	593.8	—
20D: Frederick and Watahala soils, karst, 15 to 25 percent slopes	Frederick	45-55	Karst valleys	No	—	Craig	33.5	—
	Watahala	30-40	Karst valleys	No	—			
22D: Jefferson cobbly loam, 15 to 25 percent slopes, cool	Jefferson-Cool	85-95	Fans,fans	No	—	Craig	24.8	—
22D: Jefferson variant and Drall soils, very stony, 10 to 30 percent slopes	Jefferson-Variant	60	Fans on mountain valleys	No	—	Giles	100.6	—
	Drall	30	Mountains	No	—			
22F: Jefferson variant and Drall soils, very stony, 30 to 65 percent slopes	Jefferson-Variant	60	Fans on mountain valleys	No	—	Giles	160.7	—
	Drall	30	Mountains	No	—			
23E: Lily sandy loam, 15 to 35 percent slopes, very stony	Lily	85-95	Hillslopes,ridges	No	—	Craig	7.6	—
23F: Lehew and Wallen soils, very stony, 35 to 65 percent slopes	Lehew	60	Mountains	No	—	Giles	343.8	—
	Wallen	30	Mountains	No	—			
24A: Maurertown silt loam, 0 to 3 percent slopes, rarely flooded	*Maurertown*	*85-95*	*Backswamps on stream terraces,depressions on stream terraces*	*Yes*	*2*	*Craig*	*74.2*	—
25C: Tumbling fine sandy loam, 3 to 15 percent slopes	Tumbling	85-95	Fan aprons,benches	No	—	Jefferson National Forest	10.9	—

25D: Tumbling fine sandy loam, 15 to 35 percent slopes	Tumbling	85-95	Fan aprons,benches	No	—	Jefferson National Forest	14.7	—
26B: Ogles very stony loam, 0 to 5 percent slopes, frequently flooded	Ogles	85-95	Flood plains	No	—	Craig	53.2	—
27C: Oriskany gravelly fine sandy loam, 8 to 15 percent slopes, extremely stony	Oriskany-Extremely stony	85-95	Fans,fans	No	—	Craig	114.3	—
27E: Oriskany gravelly fine sandy loam, 15 to 35 percent slopes, extremely stony	Oriskany-Extremely stony	85-95	Fans,fans	No	—	Craig	1,615.0	8.2
29A: Philo fine sandy loam, 0 to 3 percent slopes, occasionally flooded	Philo	80-90	Flood plains	No	—	Craig	276.2	—
	Atkins	0-3	Backswamps on flood plains,depressions on flood plains	Yes	2			
	Maurertown	0-3	Backswamps on stream terraces	Yes	2			
29B: Nolichucky loam, 2 to 7 percent slopes	Nolichucky	90	Hills	No	—	Giles	54.5	—
29C: Nolichucky loam, 7 to 15 percent slopes	Nolichucky	90	Hills	No	—	Giles	104.4	—
29D: Nolichucky loam, 15 to 25 percent slopes	Nolichucky	90	Hills	No	—	Giles	35.2	—
30C: Nolichucky very stony sandy loam, 7 to 15 percent slopes	Nolichucky	90	Drainageways,hills	No	—	Giles	162.2	2.1
30C: Laidig cobbly fine sandy loam, 3 to 15 percent slopes	Laidig	75-85	Fans,drainageways	No	—	Jefferson National Forest	18.2	—
30D: Nolichucky very stony sandy loam, 15 to 30 percent slopes	Nolichucky	90	Hills	No	—	Giles	947.2	5.4
30F: Nolichucky very stony sandy loam, 30 to 65 percent slopes	Nolichucky	90	Hills	No	—	Giles	541.4	3.0
31A: Pope fine sandy loam, 0 to 3 percent slopes, frequently flooded	Pope	85-95	Flood plains	No	—	Craig	236.7	0.3
	Atkins	0-3	Backswamps on flood plains,depressions on flood plains	Yes	2			
31C: Poplimento silt loam, 7 to 15 percent slopes	Poplimento	85	Hills	No	—	Giles	13.0	0.6
33B: Shelocta silt loam, 3 to 8 percent slopes	Shelocta	85-95	Fans,fans	No	—	Craig	37.4	—
33C: Shelocta silt loam, 8 to 15 percent slopes	Shelocta	85-95	Fans,fans	No	—	Craig	354.9	—
33D: Shelocta silt loam, 15 to 25 percent slopes	Shelocta	85-95	Fans,fans	No	—	Craig	24.6	—
33D: Sequoia silt loam, 10 to 30 percent slopes	Sequoia	90	Hills	No	—	Giles	35.5	—
33F: Sequoia silt loam, 30 to 65 percent slopes	Sequoia	90	Hills	No	—	Giles	26.4	—
34B: Slabtown silt loam, 3 to 8 percent slopes	Slabtown	85-95	Drainageways,fans	No	—	Craig	442.1	—
	Maurertown	0-3	Backswamps on stream terraces	Yes	2			
	Atkins	0-3	Backswamps on flood plains,depressions on flood plains	Yes	2			
34C: Slabtown silt loam, 8 to 15 percent slopes	Slabtown	85-95	Drainageways,fans	No	—	Craig	975.7	—
	Maurertown	0-3	Backswamps on stream terraces	Yes	2			
	Atkins	0-3	Backswamps on flood plains,depressions on flood plains	Yes	2			
35B: Sugarhol silt loam, 3 to 8 percent slopes	Sugarhol	85-95	Stream terraces	No	—	Craig	8.9	—
35B: Timberville variant loam, 2 to 7 percent slopes	Timberville-Variant	90	Drainageways	No	—	Giles	18.5	—
	Fluvaquents	3	Flood plains	Yes	2,3,4			
35C: Sugarhol silt loam, 8 to 15 percent slopes	Sugarhol	75-95	Stream terraces	No	—	Craig	5.9	—
35C: Timberville variant, loam, 7 to 15 percent slopes	Timberville-Variant	90	Drainageways	No	—	Giles	14.7	1.1
36B: Tumbling loam, 2 to 7 percent slopes	Tumbling	75-90	Fans	No	—	Craig	42.6	—
36C: Tumbling loam, 7 to 15 percent slopes	Tumbling	75-90	Fans	No	—	Craig	1,165.8	0.1
36D: Tumbling loam, 15 to 25 percent slopes	Tumbling	75-90	Fans	No	—	Craig	331.0	—
37C: Tumbling loam, 8 to 15 percent slopes, very stony	Tumbling-Very stony	75-85	Fans,fans	No	—	Craig	100.3	—
37E: Tumbling loam, 15 to 35 percent slopes, very stony	Tumbling-Very stony	75-85	Fans,fans	No	—	Craig	481.9	—
39C: Watahala gravelly silt loam, 8 to 15 percent slopes	Watahala	85-95	Hills	No	—	Craig	933.9	—
39D: Watahala gravelly silt loam, 15 to 25 percent slopes	Watahala	85-95	Hills	No	—	Craig	2,168.6	0.4

39E: Watahala gravelly silt loam, 25 to 35 percent slopes	Watahala	85-95	Hills	No	—	Craig	1,118.1	—
40C: Watahala gravelly silt loam, 8 to 15 percent slopes, extremely stony	Watahala-Extremely stony	85-95	Hills	No	—	Craig	437.0	—
40E: Watahala gravelly silt loam, 15 to 35 percent slopes, extremely stony	Watahala-Extremely stony	85-95	Hills	No	—	Craig	2,280.0	—
40F: Watahala gravelly silt loam, 35 to 55 percent slopes, extremely stony	Watahala-Extremely stony	85-95	Hills	No	—	Craig	382.2	—
41D: Berks-Weikert complex, 15 to 35 percent slopes	Berks	40-50	Hills	No	—	Jefferson National Forest	29.4	—
	Weikert	35-45	Hills	No	—			
41E: Berks-Weikert complex, 35 to 60 percent slopes	Berks	40-50	Hills	No	—	Jefferson National Forest	372.5	—
	Weikert	35-45	Hills	No	—			
45D: Dekalb, shallow-Rock outcrop complex, 15 to 35 percent slopes, extremely stony	Dekalb-Shallow	65-75	Mountains	No	—	jefferson National Forest	2.3	—
	Rock outcrop	15-25	Mountains	Unranked	—			
46DS: Dekalb cobbly sandy loam, 15 to 35 percent slopes, rubbly	Dekalb-Rubbly	80-90	Mountains	No	—	Jefferson National Forest	1.9	—
46E: Dekalb cobbly sandy loam, 35 to 60 percent slopes, very stony	Dekalb-Very stony	80-90	Mountains	No	—	Jefferson National Forest	693.1	—
46ER: Dekalb-Rock outcrop complex, 35 to 60 percent slopes, extremely stony	Dekalb-Extremely stony	60-70	Mountains	No	—	Jefferson National Forest	109.9	—
	Rock outcrop	15-25	Escarpments on mountains	Unranked	—			
48C: Calvin very channery loam, 3 to 15 percent slopes, extremely stony	Calvin-Extremely stony	80-90	Mountains	No	—	Jefferson National Forest	45.3	—
48D: Calvin very channery loam, 15 to 35 percent slopes, extremely stony	Calvin-Extremely stony	80-90	Mountains	No	—	Jefferson National Forest	346.5	—
48ER: Calvin-Rock outcrop complex, 35 to 60 percent slopes, extremely stony	Calvin-Extremely stony	60-70	Mountains	No	—	Jefferson National Forest	284.2	—
	Rock outcrop	15-25	Escarpments on mountains	Unranked	—			
49E: Carbo-Rock outcrop complex, 35 to 60 percent slopes	Carbo	55-65	Hills	No	—	Jefferson National Forest	26.6	—
	Rock outcrop	15-35	Escarpments on hills	No	—			
59D: Gilpin channery silt loam, 15 to 35 percent slopes	Gilpin	80-90	Hills	No	—	Jefferson National Forest	8.0	—
64D: Brushy extremely gravelly loam, 15 to 35 percent slopes	Brushy	85-95	Mountains	No	—	Jefferson National Forest	46.8	—
66D: Bailegap sandy loam, 15 to 35 percent slopes	Bailegap	80-90	Mountains	No	—	Jefferson National Forest	118.0	—
66E: Bailegap sandy loam, 35 to 60 percent slopes	Bailegap	80-90	Mountains	No	—	Jefferson National Forest	94.6	—
67C: Frederick gravelly loam, 3 to 15 percent slopes	Frederick	90-98	Hills	No	—	Jefferson National Forest	59.1	—
67D: Frederick gravelly loam, 15 to 35 percent slopes	Frederick	90-98	Hills	No	—	Jefferson National Forest	212.4	—
67E: Frederick gravelly loam, 35 to 60 percent slopes	Frederick	90-98	Hills	No	—	Jefferson National Forest	7.2	—
75D: Lily gravelly sandy loam, 15 to 35 percent slopes	Lily	80-90	Ridges,hillslopes	No	—	Jefferson National Forest	322.3	—
75E: Lily gravelly sandy loam, 35 to 60 percent slopes	Lily	80-90	Ridges,hillslopes	No	—	Jefferson National Forest	4.6	—
96D: Dekalb-Dekalb, shallow complex, 15 to 35 percent slopes, very stony	Dekalb-Very stony	45-55	Mountains	No	—	Jefferson National Forest	20.5	—
	Dekalb-Shallow	30-40	Mountains	No	—			
138D: Oriskany very cobbly sandy loam, 15 to 35 percent slopes, very stony	Oriskany-Very stony	80-90	Drainageways,coves	No	—	Jefferson National Forest	64.8	—
138ES: Oriskany very cobbly sandy loam, 35 to 60 percent slopes, rubbly	Oriskany-Rubbly	80-90	Drainageways,coves	No	—	Jefferson National Forest	7.2	—

W: Water	Water	100	Lakes,perenial streams	Unranked	—	Craig	27.0	—
W: Water	Water	100	Lakes,perenial streams	Unranked	—	Giles	1.1	—
W: Water	Water	100	Perenial streams,lakes	Unranked	—	Jefferson National Forest	13.0	0.1

Data Source Information

Soil Survey Area: Craig County, Virginia
Survey Area Data: Version 12, Sep 13, 2021
Soil Survey Area: Giles County, Virginia
Survey Area Data: Version 16, Sep 13, 2021
Soil Survey Area: Jefferson National Forest, Virginia
Survey Area Data: Version 13, Sep 16, 2021
Soil Survey Area: Montgomery County, Virginia
Survey Area Data: Version 14, Sep 14, 2021

Trout Creek-Craig Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Trout Creek-Craig Creek (Acres)	Project Area (Acres)
1A: Alonzville loam, 0 to 3 percent slopes, rarely flooded	Alonzville-Rarely flooded	75-95	Stream terraces	No	—	Craig	104.7	—
1B: Alonzville loam, 3 to 8 percent slopes, rarely flooded	Alonzville-Rarely flooded	75-95	Stream terraces	No	—	Craig	143.0	—
1C: Berks-Clymer complex, 7 to 15 percent slopes	Berks	50	Hills	No	—	Montgomery	341.0	—
	Clymer	30	Hills	No	—			
2: Philo fine sandy loam, 0 to 3 percent slopes, occasionally flooded	Philo	80-90	Flood plains	No	—	Jefferson National Forest	35.6	—
	Atkins	0-10	Depressions on flood plains,backswamps on flood plains	Yes	2			
3: Craigsville cobbly sandy loam, 0 to 5 percent slopes, frequently flooded	Craigsville	85-95	Flood plains	No	—	Jefferson National Forest	13.8	—
3D3: Chilhowie silty clay loam, 15 to 25 percent slopes, severely eroded	Chilhowie	60-100	Hills	No	—	Roanoke	33.8	—
4: Pope fine sandy loam, 0 to 3 percent slopes, occasionally flooded	Pope	80-90	Flood plains	No	—	Jefferson National Forest	1.8	—
4E: Bailegap fine sandy loam, 15 to 35 percent slopes, very stony	Bailegap	85-95	Hills,mountains	No	—	Craig	37.7	—
4E: Berks-Rock outcrop complex, 25 to 70 percent slopes	Berks	50	Hills	No	—	Montgomery	2,419.7	1.1
	Rock outcrop	30	Hills,escarpments	No	—			
5D: Berks-Weikert complex, 15 to 25 percent slopes	Berks	50	Hills	No	—	Montgomery	400.4	1.1
	Weikert	30	Hills	No	—			
5G: Bailegap-Lily-Dekalb complex, 35 to 70 percent slopes, very stony	Bailegap	30-40	Hills,mountains	No	—	Craig	119.4	—
	Lily	25-35	Hills,mountains	No	—			
	Dekalb	20-25	Hills,mountains	No	—			
6E: Berks-Culleoka complex, 25 to 35 percent slopes	Berks	50-60	Hills,mountains	No	—	Craig	33.2	13.1
	Culleoka	30-40	Hills,mountains	No	—			
6E: Berks and Weikert soils, 25 to 65 percent slopes	Berks	50	Hills	No	—	Montgomery	7,639.1	—
	Weikert	25	Hills	No	—			
7C: Berks-Weikert complex, 8 to 15 percent slopes	Berks	40-50	Hills,mountains	No	—	Craig	96.3	—
	Weikert	35-45	Hills,mountains	No	—			
7D: Berks and Weikert very stony soils, 15 to 35 percent slopes	Berks	50	Hills	No	—	Montgomery	268.3	1.9
	Weikert	25	Hills	No	—			
7E: Berks-Weikert complex, 15 to 35 percent slopes	Berks	45-55	Hills,mountains	No	—	Craig	488.8	—
	Weikert	30-40	Hills,mountains	No	—			
7G: Berks-Weikert complex, 35 to 70 percent slopes	Berks	45-55	Hills,mountains	No	—	Craig	1,274.6	—
	Weikert	30-40	Hills,mountains	No	—			
9E: Calvin channery silt loam, 15 to 35 percent slopes, very stony	Calvin	75-85	Hills,mountains	No	—	Craig	17.2	—
10: Craigsville soils	Craigsville	75-100	Flood plains	No	—	Montgomery	411.3	3.5
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
10D: Dekalb channery sandy loam, 15 to 35 percent slopes	Dekalb	60-100	Mountains	No	—	Roanoke	35.6	—
10G: Calvin-Rough complex, 35 to 70 percent slopes, very stony	Calvin	50-60	Mountains,hills	No	—	Craig	2.7	—
	Rough	25-35	Hills,mountains	No	—			
11D: Dekalb channery sandy loam, 15 to 35 percent slopes, very stony	Dekalb	60-100	Mountains	No	—	Roanoke	102.1	—
11E: Dekalb channery sandy loam, 35 to 60 percent slopes, very stony	Dekalb	60-100	Mountains	No	—	Roanoke	67.1	—
11F: Carbo-Rock outcrop complex, 35 to 55 percent slopes, eroded	Carbo	55-65	Ridges	No	—	Craig	22.4	—
	Rock outcrop	15-35	Escarpments on ridges	No	—			
11F: Dekalb channery sandy loam, 60 to 80 percent slopes, very stony	Dekalb	50-100	Mountains	No	—	Roanoke	21.1	—
13A: Coursey loam, 0 to 3 percent slopes, rarely flooded	Coursey	75-90	Stream terraces	No	—	Craig	8.7	—
	Maurertown	0-3	Backswamps on stream terraces	Yes	2			

13B: Coursey loam, 3 to 8 percent slopes, rarely flooded	Coursey	75-90	Stream terraces	No	—	Craig	25.1	—
	Maurertown	0-3	Backswamps on stream terraces	Yes	2			
14D: Culleoka-Berks complex, 15 to 25 percent slopes	Culleoka	45-55	Hills,mountains	No	—	Craig	9.4	—
	Berks	35-45	Hills,mountains	No	—			
15E: Dekalb channery sandy loam, 8 to 35 percent slopes, extremely stony	Dekalb	85-95	Hills,mountains	No	—	Craig	80.5	—
15F: Dekalb channery sandy loam, 35 to 55 percent slopes, extremely stony	Dekalb	80-90	Hills,mountains	No	—	Craig	82.8	—
16C: Groseclose and Poplimento soils, 7 to 15 percent slopes	Groseclose	45	Hills	No	—	Montgomery	0.9	—
	Poplimento	40	Hills	No	—			
16D: Groseclose and Poplimento soils, 15 to 25 percent slopes	Groseclose	45	Hills	No	—	Montgomery	24.5	—
	Poplimento	40	Hills	No	—			
16E: Dekalb-Rock outcrop complex, 8 to 35 percent slopes, extremely stony	Dekalb	70-80	Hills,mountains	No	—	Craig	3.2	—
	Rock outcrop	44489	Escarpments on hills,escarpments on mountains	No	—			
17C: Escatawba loam, 8 to 15 percent slopes	Escatawba	85-95	Fans,fans,fans	No	—	Craig	20.7	—
	Andover	0-3	Depressions	Yes	2			
17DS: Sherando very cobbly sandy loam, 15 to 35 percent slopes, rubbly	Sherando-Rubbly	80-90	Drainageways,coves	No	—	Jefferson National Forest	26.0	—
18C: Escatawba loam, 8 to 15 percent slopes, very stony	Escatawba-Very stony	85-95	Fans,fans,fans	No	—	Craig	244.9	—
	Andover	0-3	Depressions	Yes	2			
18C: Frederick silt loam, 8 to 15 percent slopes	Frederick	75-95	Hills	No	—	Roanoke	114.6	—
18D: Frederick silt loam, 15 to 25 percent slopes	Frederick	75-95	Hills	No	—	Roanoke	41.0	—
18E: Escatawba loam, 15 to 35 percent slopes, very stony	Escatawba-Very stony	80-90	Fans,fans,fans	No	—	Craig	81.4	—
19B: Guernsey silt loam, 2 to 7 percent slopes	Guernsey	70-100	Stream terraces	No	—	Montgomery	1.4	—
19C: Frederick very gravelly silt loam, 7 to 15 percent slopes	Frederick	60-100	Hills	No	—	Roanoke	243.8	—
19D: Frederick very gravelly silt loam, 15 to 25 percent slopes	Frederick	60-100	Hills	No	—	Roanoke	897.6	—
19E: Frederick very gravelly silt loam, 25 to 40 percent slopes	Frederick	60-100	Hills	No	—	Roanoke	128.7	—
20B: Hayter loam, 2 to 7 percent slopes	Hayter	70-100	Stream terraces	No	—	Montgomery	44.2	—
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
20C: Frederick silt loam, 2 to 15 percent slopes, very rocky	Frederick	60-100	Hills	No	—	Roanoke	29.2	—
20E: Frederick silt loam, 15 to 45 percent slopes, very rocky	Frederick	60-100	Hills	No	—	Roanoke	95.9	—
21C: Hayter soils, 7 to 15 percent slopes	Hayter	85	Stream terraces	No	—	Montgomery	22.0	—
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
21D: Gilpin silt loam, 15 to 25 percent slopes	Gilpin	80-90	Hills,mountains	No	—	Craig	8.5	—
22B: Jefferson cobbly loam, 3 to 8 percent slopes	Jefferson	85-95	Fans,fans	No	—	Craig	27.3	—
22C: Jefferson cobbly loam, 8 to 15 percent slopes, cool	Jefferson-Cool	85-95	Fans,fans	No	—	Craig	33.6	—
22C: Jefferson soils, 7 to 15 percent slopes	Jefferson	70-100	Fans	No	—	Montgomery	458.4	—
22D: Jefferson cobbly loam, 15 to 25 percent slopes, cool	Jefferson-Cool	85-95	Fans,fans	No	—	Craig	20.5	—
22D: Gilpin loam, 15 to 25 percent slopes	Gilpin	50-100	Hills	No	—	Roanoke	36.4	—
23C: Moomaw fine sandy loam, 3 to 15 percent slopes	Moomaw	80-90	Stream terraces	No	—	Jefferson National Forest	17.0	1.9
	Purdy	0-5	Depressions on stream terraces,backswamps on stream terraces	Yes	2			
23C: Jefferson very stony soils, 7 to 15 percent slopes	Jefferson	70-100	Fans	No	—	Montgomery	103.1	—
23C: Grimsley cobbly loam, 7 to 15 percent slopes	Grimsley	50-100	Fans	No	—	Roanoke	11.9	—
24C: Alonzville fine sandy loam, 0 to 8 percent slopes, rarely flooded	Alonzville	75-95	Stream terraces	No	—	Jefferson National Forest	2.9	—
24D: Jefferson extremely stony soils, 7 to 25 percent slopes	Jefferson	70-100	Fans	No	—	Montgomery	2,129.7	12.3
25: McGary and Purdy soils	McGary	40	Stream terraces	No	—	Montgomery	7.5	—
	Purdy	35	Stream terraces	Yes	2,3			

25B: Nicelytown silt loam, 3 to 8 percent slopes	Nicelytown	85-95	Fans,stream terraces	No	—	Craig	330.3	—
	Purdy	0-3	Backswamps on stream terraces	Yes	2			
	Maurertown	0-3	Backswamps on stream terraces	Yes	2			
25C: Nicelytown silt loam, 8 to 15 percent slopes	Nicelytown	85-95	Fans,stream terraces	No	—	Craig	68.2	—
	Purdy	0-3	Backswamps on stream terraces	Yes	2			
	Maurertown	0-3	Backswamps on stream terraces	Yes	2			
25C: Tumbling fine sandy loam, 3 to 15 percent slopes	Tumbling	85-95	Fan aprons,benches	No	—	Jefferson National Forest	2.4	—
26B: Ogles very stony loam, 0 to 5 percent slopes, frequently flooded	Ogles	85-95	Flood plains	No	—	Craig	225.7	—
26C: Jefferson loam, 3 to 15 percent slopes	Jefferson	80-90	Fan aprons,benches	No	—	Jefferson National Forest	100.8	—
26D: Jefferson loam, 15 to 35 percent slopes	Jefferson	80-90	Fan aprons,benches	No	—	Jefferson National Forest	2.6	—
27C: Oriskany gravelly fine sandy loam, 8 to 15 percent slopes, extremely stony	Oriskany-Extremely stony	85-95	Fans,fans	No	—	Craig	377.5	—
27E: Oriskany gravelly fine sandy loam, 15 to 35 percent slopes, extremely stony	Oriskany-Extremely stony	85-95	Fans,fans	No	—	Craig	333.7	—
28C: Shelocta channery silt loam, 3 to 15 percent slopes	Shelocta	75-85	Fan aprons,benches	No	—	Jefferson National Forest	54.9	—
28D: Shelocta channery silt loam, 15 to 35 percent slopes	Shelocta	75-85	Fan aprons,benches	No	—	Jefferson National Forest	96.6	—
29: Udorthents and Urban land	Udorthents	45	Hills	No	—	Montgomery	12.1	—
	Urban land	30	Hills	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
29A: Philo fine sandy loam, 0 to 3 percent slopes, occasionally flooded	Philo	80-90	Flood plains	No	—	Craig	8.7	—
	Atkins	0-3	Backswamps on flood plains,depressions on flood plains	Yes	2			
	Maurertown	0-3	Backswamps on stream terraces	Yes	2			
30C: Laidig cobbly fine sandy loam, 3 to 15 percent slopes	Laidig	75-85	Fans,drainageways	No	—	Jefferson National Forest	68.4	—
30C: Laidig fine sandy loam, 7 to 15 percent slopes	Laidig	50-100	Fans	No	—	Roanoke		—
30D: Laidig cobbly fine sandy loam, 15 to 35 percent slopes	Laidig	75-85	Fans,drainageways	No	—	Jefferson National Forest	132.9	—
31A: Pope fine sandy loam, 0 to 3 percent slopes, frequently flooded	Pope	85-95	Flood plains	No	—	Craig	98.8	—
	Atkins	0-3	Backswamps on flood plains,depressions on flood plains	Yes	2			
30D: Laidig fine sandy loam, 15 to 25 percent slopes	Laidig	50-100	Fans	No	—	Roanoke	35.1	—
33B: Shelocta silt loam, 3 to 8 percent slopes	Shelocta	85-95	Fans,fans	No	—	Craig	19.0	—
33C: Shelocta silt loam, 8 to 15 percent slopes	Shelocta	85-95	Fans,fans	No	—	Craig	161.4	—
33D: Shelocta silt loam, 15 to 25 percent slopes	Shelocta	85-95	Fans,fans	No	—	Craig	16.4	—
33E: Opequon-Rock outcrop complex, 15 to 35 percent slopes	Opequon	55	Hills	No	—	Roanoke	31.6	—
	Rock outcrop	30	Escarpments on hills	No	—			
35B: Sugarhol silt loam, 3 to 8 percent slopes	Sugarhol	85-95	Stream terraces	No	—	Craig	33.2	—
36C: Tumbling loam, 7 to 15 percent slopes	Tumbling	75-90	Fans	No	—	Craig	35.5	—
36D: Tumbling loam, 15 to 25 percent slopes	Tumbling	75-90	Fans	No	—	Craig	13.6	—
39C: Watahala gravelly silt loam, 8 to 15 percent slopes	Watahala	85-95	Hills	No	—	Craig	9.9	—
39D: Watahala gravelly silt loam, 15 to 25 percent slopes	Watahala	85-95	Hills	No	—	Craig	35.5	—

40E: Watahala gravelly silt loam, 15 to 35 percent slopes, extremely stony	Watahala-Extremely stony	85-95	Hills	No	—	Craig	27.2	—
41C: Berks-Weikert complex, 3 to 15 percent slopes	Berks	40-50	Hills	No	—	Jefferson National Forest	27.4	—
	Weikert	35-45	Hills	No	—			
41D: Berks-Weikert complex, 15 to 35 percent slopes	Berks	40-50	Hills	No	—	Jefferson National Forest	496.4	—
	Weikert	35-45	Hills	No	—			
41E: Berks-Weikert complex, 35 to 60 percent slopes	Berks	40-50	Hills	No	—	Jefferson National Forest	3,319.6	—
	Weikert	35-45	Hills	No	—			
41F: Berks-Weikert complex, 60 to 80 percent slopes	Berks	40-50	Hills	No	—	Jefferson National Forest	1,200.1	—
	Weikert	35-45	Hills	No	—			
42A: Sindion loam, 0 to 2 percent slopes, occasionally flooded	Sindion	50-100	Flood plains	No	—	Roanoke	26.5	—
	Clubcaf	5	Depressions on flood plains	Yes	2			
45D: Dekalb, shallow-Rock outcrop complex, 15 to 35 percent slopes, extremely stony	Dekalb-Shallow	65-75	Mountains	No	—	Jefferson National Forest	7.9	—
	Rock outcrop	15-25	Mountains	Unranked	—			
45F: Dekalb, shallow-Rock outcrop complex, 60 to 80 percent slopes, extremely stony	Dekalb-Shallow	65-75	Mountains	No	—	Jefferson National Forest	261.1	—
	Rock outcrop	15-25	Escarpments on mountains	Unranked	—			
46D: Dekalb cobbly sandy loam, 15 to 35 percent slopes, very stony	Dekalb-Very stony	80-90	Mountains	No	—	Jefferson National Forest	346.2	—
46E: Dekalb cobbly sandy loam, 35 to 60 percent slopes, very stony	Dekalb-Very stony	80-90	Mountains	No	—	Jefferson National Forest	452.0	—
46ER: Dekalb-Rock outcrop complex, 35 to 60 percent slopes, extremely stony	Dekalb-Extremely stony	60-70	Mountains	No	—	Jefferson National Forest	149.0	—
	Rock outcrop	15-25	Escarpments on mountains	Unranked	—			
46ES: Dekalb cobbly sandy loam, 35 to 60 percent slopes, rubbly	Dekalb-Rubbly	80-90	Mountains	No	—	Jefferson National Forest	367.7	—
46F: Dekalb cobbly sandy loam, 60 to 80 percent slopes, very stony	Dekalb-Very stony	80-90	Mountains	No	—	Jefferson National Forest	18.8	—
48B: Timberville silt loam, 2 to 7 percent slopes, occassionally flooded	Timberville	60-100	Drainageways,fans	No	—	Roanoke	35.3	—
48D: Calvin very channery loam, 15 to 35 percent slopes, extremely stony	Calvin-Extremely stony	80-90	Mountains	No	—	Jefferson National Forest	44.6	—
48ER: Calvin-Rock outcrop complex, 35 to 60 percent slopes, extremely stony	Calvin-Extremely stony	60-70	Mountains	No	—	Jefferson National Forest	6.5	—
	Rock outcrop	15-25	Escarpments on mountains	Unranked	—			
49E: Carbo-Rock outcrop complex, 35 to 60 percent slopes	Carbo	55-65	Hills	No	—	Jefferson National Forest	23.1	—
	Rock outcrop	15-35	Escarpments on hills	No	—			
54E: Weikert-Berks complex, 15 to 45 percent slopes	Weikert	45	Hills	No	—	Roanoke	156.1	—
	Berks	30	Hills	No	—			
59D: Gilpin channery silt loam, 15 to 35 percent slopes	Gilpin	80-90	Hills	No	—	Jefferson National Forest	131.5	—
59E: Gilpin channery silt loam, 35 to 60 percent slopes	Gilpin	80-90	Hills	No	—	Jefferson National Forest	4.7	—
66D: Bailegap sandy loam, 15 to 35 percent slopes	Bailegap	80-90	Mountains	No	—	Jefferson National Forest	44.0	—
66E: Bailegap sandy loam, 35 to 60 percent slopes	Bailegap	80-90	Mountains	No	—	Jefferson National Forest	132.0	—
67C: Frederick gravelly loam, 3 to 15 percent slopes	Frederick	90-98	Hills	No	—	Jefferson National Forest	38.7	—
67D: Frederick gravelly loam, 15 to 35 percent slopes	Frederick	90-98	Hills	No	—	Jefferson National Forest	218.1	—
67E: Frederick gravelly loam, 35 to 60 percent slopes	Frederick	90-98	Hills	No	—	Jefferson National Forest	73.9	—
75D: Lily gravelly sandy loam, 15 to 35 percent slopes	Lily	80-90	Ridges,hillslopes	No	—	Jefferson National Forest	814.0	—
75E: Lily gravelly sandy loam, 35 to 60 percent slopes	Lily	80-90	Ridges,hillslopes	No	—	Jefferson National Forest	959.7	—

96D: Dekalb-Dekalb, shallow complex, 15 to 35 percent slopes, very stony	Dekalb-Very stony	45-55	Mountains	No	—	Jefferson National Forest	38.6	—
	Dekalb-Shallow	30-40	Mountains	No	—			
96E: Dekalb-Dekalb, shallow complex, 35 to 60 percent slopes, very stony	Dekalb-Very stony	45-55	Mountains	No	—	Jefferson National Forest	1,467.6	—
	Dekalb-Shallow	30-40	Mountains	No	—			
96ES: Dekalb-Dekalb, shallow complex, 35 to 60 percent slopes, rubbly	Dekalb-Rubbly	45-55	Mountains	No	—	Jefferson National Forest	169.5	—
	Dekalb-Shallow	30-45	Mountains	No	—			
96F: Dekalb, shallow-Dekalb complex, 60 to 80 percent slopes, very stony	Dekalb-Shallow	45-55	Mountains	No	—	Jefferson National Forest	141.9	—
	Dekalb-Very stony	30-40	Mountains	No	—			
138C: Oriskany very cobbly sandy loam, 3 to 15 percent slopes, very stony	Oriskany-Very stony	80-90	Drainageways,coves	No	—	Jefferson National Forest	57.1	—
138CS: Oriskany very cobbly sandy loam, 3 to 15 percent slopes, rubbly	Oriskany-Rubbly	80-90	Drainageways,coves	No	—	Jefferson National Forest	10.8	—
138D: Oriskany very cobbly sandy loam, 15 to 35 percent slopes, very stony	Oriskany-Very stony	80-90	Drainageways,coves	No	—	Jefferson National Forest	238.9	—
W: Water	Water	100	Lakes,perenial streams	Unranked	—	Craig	29.4	—
W: Water	Water	100	Perenial streams,lakes	Unranked	—	Jefferson National Forest	9.6	—
W: Water	Water	100	Perenial streams,lakes	Unranked	—	Montgomery	0.2	—
W: Water	Water	100	Perenial streams,lakes	Unranked	—	Roanoke	0.8	—

Data Source Information

Soil Survey Area: Craig County, Virginia
Survey Area Data: Version 12, Sep 13, 2021
Soil Survey Area: Jefferson National Forest, Virginia
Survey Area Data: Version 13, Sep 16, 2021
Soil Survey Area: Montgomery County, Virginia
Survey Area Data: Version 14, Sep 14, 2021
Soil Survey Area: Roanoke County and the Cities of Roanoke and Salem, Virginia
Survey Area Data: Version 16, Sep 16, 2021

Dry Run-North Fork Roanoke River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Dry Run-North Fork Roanoke River (Acres)	Project Area (Acres)
1C: Berks-Clymer complex, 7 to 15 percent slopes	Berks	50	Hills	No	—	Montgomery	375.7	9.5
	Clymer	30	Hills	No	—			
2B: Berks-Groseclose complex, 2 to 7 percent slopes	Berks	40	Hills	No	—	Montgomery	4.3	—
	Groseclose	35	Hills	No	—			
2C: Berks-Groseclose complex, 7 to 15 percent slopes	Berks	40	Hills	No	—	Montgomery	81.3	—
	Groseclose	35	Hills	No	—			
3C3: Chilhowie silty clay loam, 7 to 15 percent slopes, severely eroded	Chilhowie	50-100	Hills	No	—	Roanoke	100.7	—
3D: Berks-Lowell-Rayne complex, 15 to 25 percent slopes	Berks	35	Hills	No	—	Montgomery	90.6	—
	Lowell	30	Hills	No	—			
	Rayne	20	Hills	No	—			
3D3: Chilhowie silty clay loam, 15 to 25 percent slopes, severely eroded	Chilhowie	60-100	Hills	No	—	Roanoke	151.3	—
3E: Berks-Lowell-Rayne complex, 25 to 65 percent slopes	Berks	35	Hills	No	—	Montgomery	891.7	2.3
	Lowell	30	Hills	No	—			
	Rayne	20	Hills	No	—			
3E3: Chilhowie silty clay loam, 25 to 60 percent slopes, severely eroded	Chilhowie	40-100	Hills	No	—	Roanoke	256.8	—
4E: Berks-Rock outcrop complex, 25 to 70 percent slopes	Berks	50	Hills	No	—	Montgomery	353.8	1.3
	Rock outcrop	30	Hills,escarpments	No	—			
4E: Chilhowie silty clay loam, 25 to 60 percent slopes, very rocky	Chilhowie	70-100	Hills	No	—	Roanoke	163.5	—
5D: Berks-Weikert complex, 15 to 25 percent slopes	Berks	50	Hills	No	—	Montgomery	175.4	—
	Weikert	30	Hills	No	—			
6E: Berks and Weikert soils, 25 to 65 percent slopes	Berks	50	Hills	No	—	Montgomery	3,087.8	5.6
	Weikert	25	Hills	No	—			
7A: Clubcaf silt loam, 0 to 2 percent slopes, occasionally flooded	*Clubcaf*	*50-100*	*Depressions on flood plains*	*Yes*	*2*	*Roanoke*	*17.0*	—
7D: Berks and Weikert very stony soils, 15 to 35 percent slopes	Berks	50	Hills	No	—	Montgomery	995.5	4.3
	Weikert	25	Hills	No	—			
8D: Caneyville-Opequon-Rock outcrop complex, 7 to 25 percent slopes	Caneyville	30	Hills	No	—	Montgomery	2,106.0	23.4
	Opequon	25	Hills	No	—			
	Rock outcrop	20	Escarpments	No	—			
8E: Caneyville-Opequon-Rock outcrop complex, 25 to 60 percent slopes	Caneyville	30	Hills	No	—	Montgomery	5,179.6	15.0
	Opequon	25	Hills	No	—			
	Rock outcrop	20	Escarpments	No	—			
9B: Cotaco loam, 2 to 7 percent slopes	Cotaco	50-100	Fans,stream terraces	No	—	Roanoke	9.8	—
	Purdy	3	Depressions on stream terraces	Yes	2			
9C: Carbo and Chilhowie soils, 7 to 15 percent slopes	Carbo	40	Hills	No	—	Montgomery	619.6	6.0
	Chilhowie	35	Hills	No	—			
9D: Carbo and Chilhowie soils, 15 to 25 percent slopes	Carbo	40	Hills	No	—	Montgomery	639.3	0.6
	Chilhowie	35	Hills	No	—			
10: Craigsville soils	Craigsville	75-100	Flood plains	No	—	Montgomery	94.4	0.8
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
10D: Dekalb channery sandy loam, 15 to 35 percent slopes	Dekalb	60-100	Mountains	No	—	Roanoke	15.2	—
11B: Duffield-Ernest complex, 2 to 7 percent slopes	Duffield	45	Drainageways	No	—	Montgomery	480.7	1.4
	Ernest	35	Drainageways	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
11C: Duffield-Ernest complex, 7 to 15 percent slopes	Duffield	45	Drainageways	No	—	Montgomery	904.6	0.2
	Ernest	35	Drainageways	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
11D: Dekalb channery sandy loam, 15 to 35 percent slopes, very stony	Dekalb	60-100	Mountains	No	—	Roanoke	15.1	—
11E: Dekalb channery sandy loam, 35 to 60 percent slopes, very stony	Dekalb	60-100	Mountains	No	—	Roanoke	182.3	—

12B: Frederick and Vertrees silt loams, 2 to 7 percent slopes	Frederick	40	Hills	No	—	Montgomery	102.7	0.6
	Vertrees	35	Hills	No	—			
12C: Frederick and Vertrees silt loams, 7 to 15 percent slopes	Frederick	40	Hills	No	—	Montgomery	296.4	4.4
	Vertrees	35	Hills	No	—			
12F: Dekalb-Rock outcrop complex, 25 to 80 percent slopes	Dekalb	55	Mountains	No	—	Roanoke	103.6	—
	Rock outcrop	20	Escarpments on mountains	No	—			
13B: Frederick and Vertrees gravelly silt loams, 2 to 7 percent slopes	Frederick	40	Hills	No	—	Montgomery	203.2	—
	Vertrees	35	Hills	No	—			
13C: Frederick and Vertrees gravelly silt loams, 7 to 15 percent slopes	Frederick	40	Hills	No	—	Montgomery	1,240.9	7.0
	Vertrees	35	Hills	No	—			
13D: Frederick and Vertrees gravelly silt loams, 15 to 25 percent slopes	Frederick	40	Hills	No	—	Montgomery	1,675.1	4.1
	Vertrees	35	Hills	No	—			
16B: Groseclose and Poplimento soils, 2 to 7 percent slopes	Groseclose	45	Hills	No	—	Montgomery	147.3	—
	Poplimento	40	Hills	No	—			
16C: Groseclose and Poplimento soils, 7 to 15 percent slopes	Groseclose	45	Hills	No	—	Montgomery	525.4	—
	Poplimento	40	Hills	No	—			
16D: Groseclose and Poplimento soils, 15 to 25 percent slopes	Groseclose	45	Hills	No	—	Montgomery	790.3	3.0
	Poplimento	40	Hills	No	—			
16E: Groseclose and Poplimento soils, 25 to 60 percent slopes	Groseclose	40	Hills	No	—	Montgomery	1,920.8	8.8
	Poplimento	35	Hills	No	—			
17C: Groseclose and Poplimento gravelly soils, 7 to 15 percent slopes	Groseclose	40	Hills	No	—	Montgomery	276.4	14.2
	Poplimento	35	Hills	No	—			
18B: Groseclose-Urban land complex, 2 to 7 percent slopes	Groseclose	40	Hills	No	—	Montgomery	7.1	—
	Urban land	30	Hills	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
18B: Frederick silt loam, 2 to 8 percent slopes	Frederick	80-90	Hills	No	—	Roanoke	31.8	—
18C: Groseclose-Urban land complex, 7 to 15 percent slopes	Groseclose	40	Hills	No	—	Montgomery	18.4	—
	Urban land	30	Hills	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
18C: Frederick silt loam, 8 to 15 percent slopes	Frederick	75-95	Hills	No	—	Roanoke	550.0	—
18D: Groseclose-Urban land complex, 15 to 25 percent slopes	Groseclose	40	Hills	No	—	Montgomery	56.9	—
	Urban land	30	Hills	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
18D: Frederick silt loam, 15 to 25 percent slopes	Frederick	75-95	Hills	No	—	Roanoke	522.5	—
19B: Guernsey silt loam, 2 to 7 percent slopes	Guernsey	70-100	Stream terraces	No	—	Montgomery	210.1	1.0
19C: Frederick very gravelly silt loam, 7 to 15 percent slopes	Frederick	60-100	Hills	No	—	Roanoke	250.4	—
19D: Frederick very gravelly silt loam, 15 to 25 percent slopes	Frederick	60-100	Hills	No	—	Roanoke	357.4	—
19E: Frederick very gravelly silt loam, 25 to 40 percent slopes	Frederick	60-100	Hills	No	—	Roanoke	147.4	—
20B: Hayter loam, 2 to 7 percent slopes	Hayter	70-100	Stream terraces	No	—	Montgomery	52.0	—
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
20C: Frederick silt loam, 2 to 15 percent slopes, very rocky	Frederick	60-100	Hills	No	—	Roanoke	119.0	—
20E: Frederick silt loam, 15 to 45 percent slopes, very rocky	Frederick	60-100	Hills	No	—	Roanoke	301.5	—
21C: Hayter soils, 7 to 15 percent slopes	Hayter	85	Stream terraces	No	—	Montgomery	180.6	1.7
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
22C: Jefferson soils, 7 to 15 percent slopes	Jefferson	70-100	Fans	No	—	Montgomery	68.4	—
23C: Jefferson very stony soils, 7 to 15 percent slopes	Jefferson	70-100	Fans	No	—	Montgomery	95.3	—
24D: Jefferson extremely stony soils, 7 to 25 percent slopes	Jefferson	70-100	Fans	No	—	Montgomery	901.2	0.1
25: McGary and Purdy soils	McGary	40	Stream terraces	No	—	Montgomery	265.2	2.4
	Purdy	35	Stream terraces	Yes	2,3			
28: Ross soils	Ross	80-100	Flood plains	No	—	Montgomery	395.4	4.5
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
29: Udorthents and Urban land	Udorthents	45	Hills	No	—	Montgomery	17.6	—
	Urban land	30	Hills	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			

30B: Unison and Braddock soils, 2 to 7 percent slopes	Unison	45	Stream terraces	No	—	Montgomery	6.1	—
	Braddock	30	Stream terraces	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
30C: Unison and Braddock soils, 7 to 15 percent slopes	Unison	45	Stream terraces	No	—	Montgomery	9.9	—
	Braddock	30	Stream terraces	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
30C: Laidig cobbly fine sandy loam, 3 to 15 percent slopes	Laidig	75-85	Fans,drainageways	No	—	Jefferson National Forest	1.7	—
30C: Laidig fine sandy loam, 7 to 15 percent slopes	Laidig	50-100	Fans	No	—	Roanoke	246.5	—
30D: Laidig fine sandy loam, 15 to 25 percent slopes	Laidig	50-100	Fans	No	—	Roanoke	92.0	—
33: Weaver soils	Weaver	70-100	Flood plains	No	—	Montgomery	464.5	2.6
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
33E: Opequon-Rock outcrop complex, 15 to 35 percent slopes	Opequon	55	Hills	No	—	Roanoke	124.6	—
	Rock outcrop	30	Escarpments on hills	No	—			
34E: Wurno-Caneyville complex, 25 to 45 percent slopes	Wurno	50	Hills	No	—	Montgomery	2,183.0	4.7
	Caneyville	30	Hills	No	—			
41E: Berks-Weikert complex, 35 to 60 percent slopes	Berks	40-50	Hills	No	—	Jefferson National Forest	5.8	—
	Weikert	35-45	Hills	No	—			
42A: Sindion loam, 0 to 2 percent slopes, occasionally flooded	Sindion	50-100	Flood plains	No	—	Roanoke	100.7	—
	Clubcaf	5	Depressions on flood plains	Yes	2			
45C: Spessard loamy sand, 7 to 15 percent slopes	Spessard	50-100	Fans	No	—	Roanoke	0.0	—
45D: Spessard loamy sand, 15 to 25 percent slopes	Spessard	50-100	Fans	No	—	Roanoke	22.4	—
46E: Dekalb cobbly sandy loam, 35 to 60 percent slopes, very stony	Dekalb-Very stony	80-90	Mountains	No	—	Jefferson National Forest	138.7	—
46ES: Dekalb cobbly sandy loam, 35 to 60 percent slopes, rubbly	Dekalb-Rubbly	80-90	Mountains	No	—	Jefferson National Forest	33.9	—
48B: Timberville silt loam, 2 to 7 percent slopes, occassionally flooded	Timberville	60-100	Drainageways,fans	No	—	Roanoke	23.0	—
49C: Tumbling loam, 7 to 15 percent slopes	Tumbling	75-90	Fans	No	—	Roanoke	48.8	—
49D: Tumbling loam, 15 to 25 percent slopes	Tumbling	75-90	Fans	No	—	Roanoke	6.6	—
50C: Tumbling loam, 7 to 15 percent slopes, very stony	Tumbling	75-95	Fans	No	—	Roanoke	1.4	—
50D: Tumbling loam, 15 to 25 percent slopes, very stony	Tumbling	60-100	Fans	No	—	Roanoke	3.8	—
54E: Weikert-Berks complex, 15 to 45 percent slopes	Weikert	45	Hills	No	—	Roanoke	182.6	—
	Berks	30	Hills	No	—			
55F: Weikert-Rock outcrop complex, 45 to 70 percent slopes	Weikert	65	Hills	No	—	Roanoke	180.9	—
	Rock outcrop	25	Escarpments on hills	No	—			
75D: Lily gravelly sandy loam, 15 to 35 percent slopes	Lily	80-90	Ridges,hillslopes	No	—	Jefferson National Forest	14.9	—
75E: Lily gravelly sandy loam, 35 to 60 percent slopes	Lily	80-90	Ridges,hillslopes	No	—	Jefferson National Forest	14.7	—
96D: Dekalb-Dekalb, shallow complex, 15 to 35 percent slopes, very stony	Dekalb-Very stony	45-55	Mountains	No	—	Jefferson National Forest	0.4	—
	Dekalb-Shallow	30-40	Mountains	No	—			
96ES: Dekalb-Dekalb, shallow complex, 35 to 60 percent slopes, rubbly	Dekalb-Rubbly	45-55	Mountains	No	—	Jefferson National Forest	51.1	—
	Dekalb-Shallow	30-45	Mountains	No	—			
W: Water	Water	100	Perenial streams,lakes	Unranked	—	Montgomery	29.5	—

Data Source Information

Soil Survey Area: Jefferson National Forest, Virginia
Survey Area Data: Version 13, Sep 16, 2021
Soil Survey Area: Montgomery County, Virginia
Survey Area Data: Version 14, Sep 14, 2021
Soil Survey Area: Roanoke County and the Cities of Roanoke and Salem, Virginia
Survey Area Data: Version 16, Sep 16, 2021

Wilson Creek-North Fork Roanoke River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Wilson Creek-North Fork Roanoke River (Acres)	Project Area (Acres)
1C: Berks-Clymer complex, 7 to 15 percent slopes	Berks	50	Hills	No	—	Montgomery	674.4	5.5
	Clymer	30	Hills	No	—			
2B: Berks-Groseclose complex, 2 to 7 percent slopes	Berks	40	Hills	No	—	Montgomery	6.0	—
	Groseclose	35	Hills	No	—			
2C: Berks-Groseclose complex, 7 to 15 percent slopes	Berks	40	Hills	No	—	Montgomery	91.2	—
	Groseclose	35	Hills	No	—			
3D: Berks-Lowell-Rayne complex, 15 to 25 percent slopes	Berks	35	Hills	No	—	Montgomery	122.6	—
	Lowell	30	Hills	No	—			
	Rayne	20	Hills	No	—			
3E: Berks-Lowell-Rayne complex, 25 to 65 percent slopes	Berks	35	Hills	No	—	Montgomery	953.5	—
	Lowell	30	Hills	No	—			
	Rayne	20	Hills	No	—			
4E: Berks-Rock outcrop complex, 25 to 70 percent slopes	Berks	50	Hills	No	—	Montgomery	244.9	0.5
	Rock outcrop	30	Hills,escarpments	No	—			
5D: Berks-Weikert complex, 15 to 25 percent slopes	Berks	50	Hills	No	—	Montgomery	371.7	2.5
	Weikert	30	Hills	No	—			
6E: Berks and Weikert soils, 25 to 65 percent slopes	Berks	50	Hills	No	—	Montgomery	3,908.4	6.8
	Weikert	25	Hills	No	—			
7D: Berks and Weikert very stony soils, 15 to 35 percent slopes	Berks	50	Hills	No	—	Montgomery	596.0	0.9
	Weikert	25	Hills	No	—			
8D: Caneyville-Opequon-Rock outcrop complex, 7 to 25 percent slopes	Caneyville	30	Hills	No	—	Montgomery	1,272.5	—
	Opequon	25	Hills	No	—			
	Rock outcrop	20	Escarpments	No	—			
8E: Caneyville-Opequon-Rock outcrop complex, 25 to 60 percent slopes	Caneyville	30	Hills	No	—	Montgomery	7,340.1	—
	Opequon	25	Hills	No	—			
	Rock outcrop	20	Escarpments	No	—			
9C: Carbo and Chilhowie soils, 7 to 15 percent slopes	Carbo	40	Hills	No	—	Montgomery	161.8	—
	Chilhowie	35	Hills	No	—			
9D: Carbo and Chilhowie soils, 15 to 25 percent slopes	Carbo	40	Hills	No	—	Montgomery	61.3	—
	Chilhowie	35	Hills	No	—			
10: Craigsville soils	Craigsville	75-100	Flood plains	No	—	Montgomery	177.3	1.3
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
11B: Duffield-Ernest complex, 2 to 7 percent slopes	Duffield	45	Drainageways	No	—	Montgomery	401.8	0.1
	Ernest	35	Drainageways	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
11C: Duffield-Ernest complex, 7 to 15 percent slopes	Duffield	45	Drainageways	No	—	Montgomery	641.6	—
	Ernest	35	Drainageways	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
12B: Frederick and Vertrees silt loams, 2 to 7 percent slopes	Frederick	40	Hills	No	—	Montgomery	100.0	—
	Vertrees	35	Hills	No	—			
12C: Frederick and Vertrees silt loams, 7 to 15 percent slopes	Frederick	40	Hills	No	—	Montgomery	126.7	—
	Vertrees	35	Hills	No	—			
13B: Frederick and Vertrees gravelly silt loams, 2 to 7 percent slopes	Frederick	40	Hills	No	—	Montgomery	85.2	—
	Vertrees	35	Hills	No	—			
13C: Frederick and Vertrees gravelly silt loams, 7 to 15 percent slopes	Frederick	40	Hills	No	—	Montgomery	235.0	—
	Vertrees	35	Hills	No	—			
13D: Frederick and Vertrees gravelly silt loams, 15 to 25 percent slopes	Frederick	40	Hills	No	—	Montgomery	588.5	—
	Vertrees	35	Hills	No	—			

16B: Groseclose and Poplimento soils, 2 to 7 percent slopes	Groseclose	45	Hills	No	—	Montgomery	133.6	—
	Poplimento	40	Hills	No	—			
16C: Groseclose and Poplimento soils, 7 to 15 percent slopes	Groseclose	45	Hills	No	—	Montgomery	450.4	—
	Poplimento	40	Hills	No	—			
16D: Groseclose and Poplimento soils, 15 to 25 percent slopes	Groseclose	45	Hills	No	—	Montgomery	593.5	0.1
	Poplimento	40	Hills	No	—			
16E: Groseclose and Poplimento soils, 25 to 60 percent slopes	Groseclose	40	Hills	No	—	Montgomery	1,036.9	0.4
	Poplimento	35	Hills	No	—			
17C: Groseclose and Poplimento gravelly soils, 7 to 15 percent slopes	Groseclose	40	Hills	No	—	Montgomery	146.9	—
	Poplimento	35	Hills	No	—			
18B: Groseclose-Urban land complex, 2 to 7 percent slopes	Groseclose	40	Hills	No	—	Montgomery	234.2	—
	Urban land	30	Hills	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
18C: Groseclose-Urban land complex, 7 to 15 percent slopes	Groseclose	40	Hills	No	—	Montgomery	273.1	—
	Urban land	30	Hills	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
18D: Groseclose-Urban land complex, 15 to 25 percent slopes	Groseclose	40	Hills	No	—	Montgomery	128.7	—
	Urban land	30	Hills	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
19B: Guernsey silt loam, 2 to 7 percent slopes	Guernsey	70-100	Stream terraces	No	—	Montgomery	147.0	—
20B: Hayter loam, 2 to 7 percent slopes	Hayter	70-100	Stream terraces	No	—	Montgomery	28.8	—
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
21C: Hayter soils, 7 to 15 percent slopes	Hayter	85	Stream terraces	No	—	Montgomery	84.6	—
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
22C: Jefferson soils, 7 to 15 percent slopes	Jefferson	70-100	Fans	No	—	Montgomery	546.8	0.8
23C: Jefferson very stony soils, 7 to 15 percent slopes	Jefferson	70-100	Fans	No	—	Montgomery	145.1	1.3
24D: Jefferson extremely stony soils, 7 to 25 percent slopes	Jefferson	70-100	Fans	No	—	Montgomery	1,550.7	12.7
25: McGary and Purdy soils	*McGary*	*40*	*Stream terraces*	*No*	—	*Montgomery*	*185.8*	*0.5*
	Purdy	*35*	*Stream terraces*	*Yes*	*2,3*			
28: Ross soils	Ross	80-100	Flood plains	No	—	Montgomery	363.2	—
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
29: Udorthents and Urban land	Udorthents	45	Hills	No	—	Montgomery	390.5	—
	Urban land	30	Hills	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
30B: Unison and Braddock soils, 2 to 7 percent slopes	Unison	45	Stream terraces	No	—	Montgomery	3.5	—
	Braddock	30	Stream terraces	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
33: Weaver soils	Weaver	70-100	Flood plains	No	—	Montgomery	510.3	—
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
34E: Wurno-Caneyville complex, 25 to 45 percent slopes	Wurno	50	Hills	No	—	Montgomery	709.6	—
	Caneyville	30	Hills	No	—			
W: Water	Water	100	Perenial streams,lakes	Unranked	—	Montgomery	70.4	—

Data Source Information

Soil Survey Area: Montgomery County, Virginia
Survey Area Data: Version 14, Sep 14, 2021

Bradshaw Creek-North Fork Roanoke River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Bradshaw Creek-North Fork Roanoke River (Acres)	Project Area (Acres)
1C: Berks-Clymer complex, 7 to 15 percent slopes	Berks	50	Hills	No	—	Montgomery	289.6	7
	Clymer	30	Hills	No	—			
2B: Allegheny loam, 2 to 7 percent slopes	Allegheny	50-100	Stream terraces	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	7.5	—
2C: Berks-Groseclose complex, 7 to 15 percent slopes	Berks	40	Hills	No	—	Montgomery	2.2	—
	Groseclose	35	Hills	No	—			
3D: Berks-Lowell-Rayne complex, 15 to 25 percent slopes	Berks	35	Hills	No	—	Montgomery	10.6	—
	Lowell	30	Hills	No	—			
	Rayne	20	Hills	No	—			
3E: Berks-Lowell-Rayne complex, 25 to 65 percent slopes	Berks	35	Hills	No	—	Montgomery	152.3	—
	Lowell	30	Hills	No	—			
	Rayne	20	Hills	No	—			
4E: Berks-Rock outcrop complex, 25 to 70 percent slopes	Berks	50	Hills	No	—	Montgomery	597.4	1.4
	Rock outcrop	30	Hills,escarpments	No	—			
5D: Berks-Weikert complex, 15 to 25 percent slopes	Berks	50	Hills	No	—	Montgomery	103.1	1.3
	Weikert	30	Hills	No	—			
6E: Berks and Weikert soils, 25 to 65 percent slopes	Berks	50	Hills	No	—	Montgomery	4,147.0	64.9
	Weikert	25	Hills	No	—			
7D: Berks and Weikert very stony soils, 15 to 35 percent slopes	Berks	50	Hills	No	—	Montgomery	260.6	—
	Weikert	25	Hills	No	—			
8A: Combs loam, 0 to 2 percent slopes, occasionally flooded	Combs	50-100	Flood plains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	30.5	—
	Clubcaf	5	Depressions on flood plains	Yes	2			
8D: Caneyville-Opequon-Rock outcrop complex, 7 to 25 percent slopes	Caneyville	30	Hills	No	—	Montgomery	14.6	—
	Opequon	25	Hills	No	—			
	Rock outcrop	20	Escarpments	No	—			
8E: Caneyville-Opequon-Rock outcrop complex, 25 to 60 percent slopes	Caneyville	30	Hills	No	—	Montgomery	714.5	—
	Opequon	25	Hills	No	—			
	Rock outcrop	20	Escarpments	No	—			
9B: Cotaco loam, 2 to 7 percent slopes	Cotaco	50-100	Fans,stream terraces	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	41.2	—
	Purdy	3	Depressions on stream terraces	Yes	2			
9C: Carbo and Chilhowie soils, 7 to 15 percent slopes	Carbo	40	Hills	No	—	Montgomery	1.7	—
	Chilhowie	35	Hills	No	—			
9D: Carbo and Chilhowie soils, 15 to 25 percent slopes	Carbo	40	Hills	No	—	Montgomery	9.3	—
	Chilhowie	35	Hills	No	—			
10: Craigsville soils	Craigsville	75-100	Flood plains	No	—	Montgomery	305.8	1.3
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
11B: Duffield-Ernest complex, 2 to 7 percent slopes	Duffield	45	Drainageways	No	—	Montgomery	17.7	5.6
	Ernest	35	Drainageways	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
11C: Duffield-Ernest complex, 7 to 15 percent slopes	Duffield	45	Drainageways	No	—	Montgomery	54.5	2
	Ernest	35	Drainageways	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
11D: Dekalb channery sandy loam, 15 to 35 percent slopes, very stony	Dekalb	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	30.1	—

11E: Dekalb channery sandy loam, 35 to 60 percent slopes, very stony	Dekalb	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	54.4	—
12F: Dekalb-Rock outcrop complex, 25 to 80 percent slopes	Dekalb	55	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	472.3	—
	Rock outcrop	20	Escarpments on mountains	No	—			
13A: Derroc cobbly sandy loam, 0 to 4 percent slopes, occasionally flooded	Derroc	50-100	Flood plains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	151.3	—
	Clubcaf	5	Depressions on flood plains	Yes	2			
13C: Frederick and Vertrees gravelly silt loams, 7 to 15 percent slopes	Frederick	40	Hills	No	—	Montgomery	8.1	—
	Vertrees	35	Hills	No	—			
13D: Frederick and Vertrees gravelly silt loams, 15 to 25 percent slopes	Frederick	40	Hills	No	—	Montgomery	17.0	—
	Vertrees	35	Hills	No	—			
16C: Groseclose and Poplimento soils, 7 to 15 percent slopes	Groseclose	45	Hills	No	—	Montgomery	1.7	—
	Poplimento	40	Hills	No	—			
16D: Groseclose and Poplimento soils, 15 to 25 percent slopes	Groseclose	45	Hills	No	—	Montgomery	6.5	—
	Poplimento	40	Hills	No	—			
16E: Groseclose and Poplimento soils, 25 to 60 percent slopes	Groseclose	40	Hills	No	—	Montgomery	153.1	—
	Poplimento	35	Hills	No	—			
19B: Guernsey silt loam, 2 to 7 percent slopes	Guernsey	70-100	Stream terraces	No	—	Montgomery	303.8	0.6
20B: Hayter loam, 2 to 7 percent slopes	Hayter	70-100	Stream terraces	No	—	Montgomery	71.6	0.5
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
21C: Hayter soils, 7 to 15 percent slopes	Hayter	85	Stream terraces	No	—	Montgomery	4.8	—
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
22C: Jefferson soils, 7 to 15 percent slopes	Jefferson	70-100	Fans	No	—	Montgomery	362.5	5
22C: Gilpin loam, 7 to 15 percent slopes	Gilpin	50-100	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	50.7	—
22D: Gilpin loam, 15 to 25 percent slopes	Gilpin	50-100	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	200.1	—
23C: Jefferson very stony soils, 7 to 15 percent slopes	Jefferson	70-100	Fans	No	—	Montgomery	168.6	0.2
23C: Grimsley cobbly loam, 7 to 15 percent slopes	Grimsley	50-100	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	10.2	—
24D: Jefferson extremely stony soils, 7 to 25 percent slopes	Jefferson	70-100	Fans	No	—	Montgomery	511.6	0.6
25: McGary and Purdy soils	McGary	40	Stream terraces	No	—	Montgomery	85.5	10.2
	Purdy	35	Stream terraces	Yes	2,3			
28: Ross soils	Ross	80-100	Flood plains	No	—	Montgomery	58.9	0.1
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
29: Udorthents and Urban land	Udorthents	45	Hills	No	—	Montgomery	154.9	—
	Urban land	30	Hills	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
30B: Unison and Braddock soils, 2 to 7 percent slopes	Unison	45	Stream terraces	No	—	Montgomery	6.1	—
	Braddock	30	Stream terraces	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
30C: Unison and Braddock soils, 7 to 15 percent slopes	Unison	45	Stream terraces	No	—	Montgomery	6.8	0.1
	Braddock	30	Stream terraces	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
30C: Laidig fine sandy loam, 7 to 15 percent slopes	Laidig	50-100	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	135.4	—

30D: Unison and Braddock soils, 15 to 25 percent slopes	Unison	45	Stream terraces	No	—	Montgomery	2.6	—
	Braddock	30	Stream terraces	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
30D: Laidig fine sandy loam, 15 to 25 percent slopes	Laidig	50-100	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	27.4	—
31D: Laidig fine sandy loam, 15 to 25 percent slopes, very stony	Laidig	50-100	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	104.2	—
32B: Macove gravelly silt loam, 2 to 7 percent slopes	Macove	50-100	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	81.0	—
32C: Macove gravelly silt loam, 7 to 15 percent slopes	Macove	50-100	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	273.6	—
33: Weaver soils	Weaver	70-100	Flood plains	No	—	Montgomery	79.1	0.6
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
34E: Wurno-Caneyville complex, 25 to 45 percent slopes	Wurno	50	Hills	No	—	Montgomery	26.6	—
	Caneyville	30	Hills	No	—			
38B: Shelocta silt loam, 2 to 7 percent slopes	Shelocta	60-100	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	90.2	—
38C: Shelotca silt loam, 7 to 15 percent slopes	Shelocta	60-100	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	181.1	—
38D: Shelocta silt loam, 15 to 25 percent slopes	Shelocta	60-100	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	240.4	—
42A: Sindion loam, 0 to 2 percent slopes, occasionally flooded	Sindion	50-100	Flood plains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	22.1	—
	Clubcaf	5	Depressions on flood plains	Yes	2			
45C: Spessard loamy sand, 7 to 15 percent slopes	Spessard	50-100	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	61.4	—
45D: Spessard loamy sand, 15 to 25 percent slopes	Spessard	50-100	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	70.3	—
45E: Spessard loamy sand, 25 to 40 percent slopes	Spessard	50-100	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	239.8	—
50C: Tumbling loam, 7 to 15 percent slopes, very stony	Tumbling	75-95	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	16.1	—
50D: Tumbling loam, 15 to 25 percent slopes, very stony	Tumbling	60-100	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	99.6	—
54C: Weikert-Berks complex, 7 to 15 percent slopes	Weikert	45	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	67.3	—
	Berks	30	Hills	No	—			
54E: Weikert-Berks complex, 15 to 45 percent slopes	Weikert	45	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	1,772.5	—
	Berks	30	Hills	No	—			

55F: Weikert-Rock outcrop complex, 45 to 70 percent slopes	Weikert	65	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	2,036.4	—
	Rock outcrop	25	Escarpments on hills	No	—			
58B: Zoar silt loam, 2 to 7 percent slopes	Zoar	50-100	Stream terraces	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	10.1	—
	Purdy	3	Depressions on stream terraces	Yes	2			
W: Water	Water	100	Perenial streams,lakes	Unranked	—	Montgomery	31.3	0.1
W: Water	Water	100	Perenial streams,lakes	Unranked	—	Roanoke Co. & Cities of Roanoke and Salem, Va	2.8	—

Data Source Information

Soil Survey Area: Montgomery County, Virginia
Survey Area Data: Version 14, Sep 14, 2021
Soil Survey Area: Roanoke County and the Cities of Roanoke and Salem, Virginia
Survey Area Data: Version 16, Sep 16, 2021

Brake Branch-South Fork Roanoke River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Brake Branch-South Fork Roanoke River (Acres)	Project Area (Acres)
1C: Berks-Clymer complex, 7 to 15 percent slopes	Berks	50	Hills	No	—	Montgomery	10.8	—
	Clymer	30	Hills	No	—			
2B: Berks-Groseclose complex, 2 to 7 percent slopes	Berks	40	Hills	No	—	Montgomery	16.5	—
	Groseclose	35	Hills	No	—			
2C: Berks-Groseclose complex, 7 to 15 percent slopes	Berks	40	Hills	No	—	Montgomery	546.7	1.3
	Groseclose	35	Hills	No	—			
3D: Berks-Lowell-Rayne complex, 15 to 25 percent slopes	Berks	35	Hills	No	—	Montgomery	301.7	1.9
	Lowell	30	Hills	No	—			
	Rayne	20	Hills	No	—			
3E: Berks-Lowell-Rayne complex, 25 to 65 percent slopes	Berks	35	Hills	No	—	Montgomery	7,026.6	10.3
	Lowell	30	Hills	No	—			
	Rayne	20	Hills	No	—			
4E: Berks-Rock outcrop complex, 25 to 70 percent slopes	Berks	50	Hills	No	—	Montgomery	188.6	—
	Rock outcrop	30	Hills,escarpments	No	—			
5D: Berks-Weikert complex, 15 to 25 percent slopes	Berks	50	Hills	No	—	Montgomery	1.4	0.1
	Weikert	30	Hills	No	—			
6E: Berks and Weikert soils, 25 to 65 percent slopes	Berks	50	Hills	No	—	Montgomery	1,898.7	—
	Weikert	25	Hills	No	—			
7D: Berks and Weikert very stony soils, 15 to 35 percent slopes	Berks	50	Hills	No	—	Montgomery	10.7	—
	Weikert	25	Hills	No	—			
8D: Caneyville-Opequon-Rock outcrop complex, 7 to 25 percent slopes	Caneyville	30	Hills	No	—	Montgomery	321.4	—
	Opequon	25	Hills	No	—			
	Rock outcrop	20	Escarpments	No	—			
8E: Caneyville-Opequon-Rock outcrop complex, 25 to 60 percent slopes	Caneyville	30	Hills	No	—	Montgomery	5,522.4	—
	Opequon	25	Hills	No	—			
	Rock outcrop	20	Escarpments	No	—			
9C: Carbo and Chilhowie soils, 7 to 15 percent slopes	Carbo	40	Hills	No	—	Montgomery	104.0	—
	Chilhowie	35	Hills	No	—			
9D: Carbo and Chilhowie soils, 15 to 25 percent slopes	Carbo	40	Hills	No	—	Montgomery	65.6	—
	Chilhowie	35	Hills	No	—			
10: Craigsville soils	Craigsville	75-100	Flood plains	No	—	Montgomery	119.3	—
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
11B: Duffield-Ernest complex, 2 to 7 percent slopes	Duffield	45	Drainageways	No	—	Montgomery	318.8	—
	Ernest	35	Drainageways	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
11C: Duffield-Ernest complex, 7 to 15 percent slopes	Duffield	45	Drainageways	No	—	Montgomery	1,080.3	—
	Ernest	35	Drainageways	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
11D: Dekalb channery sandy loam, 15 to 35 percent slopes, very stony	Dekalb	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	12.6	—
11E: Dekalb channery sandy loam, 35 to 60 percent slopes, very stony	Dekalb	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	148.6	1.1

11F: Dekalb channery sandy loam, 60 to 80 percent slopes, very stony	Dekalb	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	198.6	—
12B: Frederick and Vertrees silt loams, 2 to 7 percent slopes	Frederick	40	Hills	No	—	Montgomery	3.0	—
	Vertrees	35	Hills	No	—			
12C: Frederick and Vertrees silt loams, 7 to 15 percent slopes	Frederick	40	Hills	No	—	Montgomery	72.4	—
	Vertrees	35	Hills	No	—			
12F: Dekalb-Rock outcrop complex, 25 to 80 percent slopes	Dekalb	55	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	31.9	2.5
	Rock outcrop	20	Escarpments on mountains	No	—			
13C: Frederick and Vertrees gravelly silt loams, 7 to 15 percent slopes	Frederick	40	Hills	No	—	Montgomery	55.2	—
	Vertrees	35	Hills	No	—			
13D: Frederick and Vertrees gravelly silt loams, 15 to 25 percent slopes	Frederick	40	Hills	No	—	Montgomery	93.2	—
	Vertrees	35	Hills	No	—			
16C: Groseclose and Poplimento soils, 7 to 15 percent slopes	Groseclose	45	Hills	No	—	Montgomery	45.3	—
	Poplimento	40	Hills	No	—			
16D: Groseclose and Poplimento soils, 15 to 25 percent slopes	Groseclose	45	Hills	No	—	Montgomery	90.6	—
	Poplimento	40	Hills	No	—			
16E: Groseclose and Poplimento soils, 25 to 60 percent slopes	Groseclose	40	Hills	No	—	Montgomery	294.3	—
	Poplimento	35	Hills	No	—			
17C: Groseclose and Poplimento gravelly soils, 7 to 15 percent slopes	Groseclose	40	Hills	No	—	Montgomery	56.6	—
	Poplimento	35	Hills	No	—			
18B: Groseclose-Urban land complex, 2 to 7 percent slopes	Groseclose	40	Hills	No	—	Montgomery	8.2	—
	Urban land	30	Hills	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
18C: Groseclose-Urban land complex, 7 to 15 percent slopes	Groseclose	40	Hills	No	—	Montgomery	2.5	—
	Urban land	30	Hills	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
19B: Guernsey silt loam, 2 to 7 percent slopes	Guernsey	70-100	Stream terraces	No	—	Montgomery	169.1	0.3
20B: Hayter loam, 2 to 7 percent slopes	Hayter	70-100	Stream terraces	No	—	Montgomery	281.3	—
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
22C: Jefferson soils, 7 to 15 percent slopes	Jefferson	70-100	Fans	No	—	Montgomery	14.3	—
23C: Jefferson very stony soils, 7 to 15 percent slopes	Jefferson	70-100	Fans	No	—	Montgomery	34.0	—
24D: Jefferson extremely stony soils, 7 to 25 percent slopes	Jefferson	70-100	Fans	No	—	Montgomery	471.5	—
25: McGary and Purdy soils	McGary	40	Stream terraces	No	—	Montgomery	226.4	0.9
	Purdy	35	Stream terraces	Yes	2,3			
28: Ross soils	Ross	80-100	Flood plains	No	—	Montgomery	505.7	—
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
29: Udorthents and Urban land	Udorthents	45	Hills	No	—	Montgomery	338.2	3.4
	Urban land	30	Hills	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
30B: Unison and Braddock soils, 2 to 7 percent slopes	Unison	45	Stream terraces	No	—	Montgomery	323.4	0.8
	Braddock	30	Stream terraces	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			

30C: Unison and Braddock soils, 7 to 15 percent slopes	Unison	45	Stream terraces	No	—	Montgomery	146.0	—
	Braddock	30	Stream terraces	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
30D: Unison and Braddock soils, 15 to 25 percent slopes	Unison	45	Stream terraces	No	—	Montgomery	97.3	—
	Braddock	30	Stream terraces	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
31C: Unison and Braddock cobbly soils, 7 to 15 percent slopes	Unison	45	Stream terraces	No	—	Montgomery	8.6	—
	Braddock	30	Stream terraces	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
33: Weaver soils	Weaver	70-100	Flood plains	No	—	Montgomery	488.9	—
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
46F: Sylvatus very channery silt loam, 55 to 75 percent slopes	Sylvatus	50-100	Mountains	No		Roanoke Co. & Cities of Roanoke and Salem, Va	2.4	—
W: Water	Water	100	Perenial streams,lakes	Unranked	—	Montgomery	116.1	—

Data Source Information

Soil Survey Area: Montgomery County, Virginia
Survey Area Data: Version 14, Sep 14, 2021
Soil Survey Area: Roanoke County and the Cities of Roanoke and Salem, Virginia
Survey Area Data: Version 16, Sep 16, 2021

Sawmill Hollow-Roanoke River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Sawmill Hollow-Roanoke River (Acres)	Project Area (Acres)
1C: Berks-Clymer complex, 7 to 15 percent slopes	Berks	50	Hills	No	—	Montgomery	1.9	—
	Clymer	30	Hills	No	—			
2B: Allegheny loam, 2 to 7 percent slopes	Allegheny	50-100	Stream terraces	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	255.8	—
2C: Berks-Groseclose complex, 7 to 15 percent slopes	Berks	40	Hills	No	—	Montgomery	8.8	1.0
	Groseclose	35	Hills	No	—			
2C: Allegheny loam, 7 to 15 percent slopes	Allegheny	50-100	Stream terraces	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	83.8	0.3
3C3: Chilhowie silty clay loam, 7 to 15 percent slopes, severely eroded	Chilhowie	50-100	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	22.4	—
3D: Berks-Lowell-Rayne complex, 15 to 25 percent slopes	Berks	35	Hills	No	—	Montgomery	8.5	1.1
	Lowell	30	Hills	No	—			
	Rayne	20	Hills	No	—			
3E: Berks-Lowell-Rayne complex, 25 to 65 percent slopes	Berks	35	Hills	No	—	Montgomery	448.6	15.3
	Lowell	30	Hills	No	—			
	Rayne	20	Hills	No	—			
4E: Berks-Rock outcrop complex, 25 to 70 percent slopes	Berks	50	Hills	No	—	Montgomery	1.9	—
	Rock outcrop	30	Hills,escarpments	No	—			
5C: Chiswell-Litz complex, 7 to 15 percent slopes	Chiswell	45	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	272.2	—
	Litz	30	Hills	No	—			
5D: Berks-Weikert complex, 15 to 25 percent slopes	Berks	50	Hills	No	—	Montgomery	8.4	2.9
	Weikert	30	Hills	No	—			
5D: Chiswell-Litz complex, 15 to 25 percent slopes	Chiswell	45	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	671.6	—
	Litz	30	Hills	No	—			
5E: Chiswell-Litz complex, 25 to 50 percent slopes	Chiswell	45	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	5,007.6	3.3
	Litz	25	Hills	No	—			
6C: Chiswell-Litz-Urban land complex, 2 to 15 percent slopes	Chiswell	35	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	34.8	—
	Litz	25	Hills	No	—			
	Urban land	20	—	No	—			
6D: Chiswell-Litz-Urban land complex, 15 to 35 percent slopes	Chiswell	35	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	119.2	—
	Litz	25	Hills	No	—			
	Urban land	20	—	No	—			
6E: Berks and Weikert soils, 25 to 65 percent slopes	Berks	50	Hills	No	—	Montgomery	359.7	13.1
	Weikert	25	Hills	No	—			
7A: Clubcaf silt loam, 0 to 2 percent slopes, occasionally flooded	*Clubcaf*	*50-100*	*Depressions on flood plains*	*Yes*	*2*	*Roanoke Co. & Cities of Roanoke and Salem, Va*	*4.9*	—
8A: Combs loam, 0 to 2 percent slopes, occasionally flooded	Combs	50-100	Flood plains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	316.5	4.7
	Clubcaf	5	Depressions on flood plains	Yes	2			
8D: Caneyville-Opequon-Rock outcrop complex, 7 to 25 percent slopes	Caneyville	30	Hills	No	—	Montgomery	13.1	1.4
	Opequon	25	Hills	No	—			
	Rock outcrop	20	Escarpments	No	—			

8E: Caneyville-Opequon-Rock outcrop complex, 25 to 60 percent slopes	Caneyville	30	Hills	No	—	Montgomery	192.4	3.3
	Opequon	25	Hills	No	—			
	Rock outcrop	20	Escarpments	No	—			
9B: Cotaco loam, 2 to 7 percent slopes	Cotaco	50-100	Fans,stream terraces	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	205.5	—
	Purdy	3	Depressions on stream terraces	Yes	2			
9C: Cotaco loam, 7 to 15 percent slopes	Cotaco	60-100	Stream terraces,fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	44.6	—
	Purdy	3	Depressions on stream terraces	Yes	2			
10: Craigsville soils	Craigsville	75-100	Flood plains	No	—	Montgomery	15.9	—
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
10D: Dekalb channery sandy loam, 15 to 35 percent slopes	Dekalb	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	468.5	—
11B: Duffield-Ernest complex, 2 to 7 percent slopes	Duffield	45	Drainageways	No	—	Montgomery	23.3	0.3
	Ernest	35	Drainageways	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
11C: Duffield-Ernest complex, 7 to 15 percent slopes	Duffield	45	Drainageways	No	—	Montgomery	45.6	3.4
	Ernest	35	Drainageways	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
11C: Dekalb channery sandy loam, 7 to 15 percent slopes, very stony	Dekalb	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	31.5	2.6
11D: Dekalb channery sandy loam, 15 to 35 percent slopes, very stony	Dekalb	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	391.6	0.5
11E: Dekalb channery sandy loam, 35 to 60 percent slopes, very stony	Dekalb	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	2,743.2	16.2
11F: Dekalb channery sandy loam, 60 to 80 percent slopes, very stony	Dekalb	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	2,211.3	8.2
12C: Frederick and Vertrees silt loams, 7 to 15 percent slopes	Frederick	40	Hills	No	—	Montgomery	14.5	1.5
	Vertrees	35	Hills	No	—			
12F: Dekalb-Rock outcrop complex, 25 to 80 percent slopes	Dekalb	55	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	2,622.8	11.8
	Rock outcrop	20	Escarpments on mountains	No	—			
13A: Derroc cobbly sandy loam, 0 to 4 percent slopes, occasionally flooded	Derroc	50-100	Flood plains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	905.4	0.4
	Clubcaf	5	Depressions on flood plains	Yes	2			
13C: Frederick and Vertrees gravelly silt loams, 7 to 15 percent slopes	Frederick	40	Hills	No	—	Montgomery	12.5	0.8
	Vertrees	35	Hills	No	—			
13D: Frederick and Vertrees gravelly silt loams, 15 to 25 percent slopes	Frederick	40	Hills	No	—	Montgomery	5.0	—
	Vertrees	35	Hills	No	—			
14: Dumps	Dumps	85	—	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	29.3	—
16C: Groseclose and Poplimento soils, 7 to 15 percent slopes	Groseclose	45	Hills	No	—	Montgomery	0.2	—
	Poplimento	40	Hills	No	—			
16D: Groseclose and Poplimento soils, 15 to 25 percent slopes	Groseclose	45	Hills	No	—	Montgomery	2.9	—
	Poplimento	40	Hills	No	—			
16D: Edneyville fine sandy loam, 15 to 25 percent slopes	Edneyville	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	30.3	—
16E: Groseclose and Poplimento soils, 25 to 60 percent slopes	Groseclose	40	Hills	No	—	Montgomery	31.2	1.7
	Poplimento	35	Hills	No	—			

16E: Edneyville fine sandy loam, 25 to 55 percent slopes	Edneyville	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	640.4	—
17C: Evard fine sandy loam, 7 to 15 percent slopes	Evard	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	1.1	—
17D: Evard fine sandy loam, 15 to 25 percent slopes	Evard	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	2.4	—
17E: Evard fine sandy loam, 25 to 55 percent slopes	Evard	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	6.3	—
18C: Frederick silt loam, 8 to 15 percent slopes	Frederick	75-95	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	55.5	—
18D: Frederick silt loam, 15 to 25 percent slopes	Frederick	75-95	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	98.3	—
19B: Guernsey silt loam, 2 to 7 percent slopes	Guernsey	70-100	Stream terraces	No	—	Montgomery	28.6	15.0
19C: Frederick very gravelly silt loam, 7 to 15 percent slopes	Frederick	60-100	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	10.1	—
19E: Frederick very gravelly silt loam, 25 to 40 percent slopes	Frederick	60-100	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	116.1	—
20B: Hayter loam, 2 to 7 percent slopes	Hayter	70-100	Stream terraces	No	—	Montgomery	64.3	1.8
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
21C: Frederick-Urban land complex, 2 to 15 percent slopes	Frederick	45	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	94.1	—
	Urban land	35	—	No	—			
22C: Gilpin loam, 7 to 15 percent slopes	Gilpin	50-100	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	58.7	—
22D: Gilpin loam, 15 to 25 percent slopes	Gilpin	50-100	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	74.5	—
23C: Jefferson very stony soils, 7 to 15 percent slopes	Jefferson	70-100	Fans	No	—	Montgomery	0.2	—
23C: Grimsley cobbly loam, 7 to 15 percent slopes	Grimsley	50-100	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	247.7	—
24C: Groseclose silt loam, 7 to 15 percent slopes	Groseclose	60-100	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	198.8	—
24D: Jefferson extremely stony soils, 7 to 25 percent slopes	Jefferson	70-100	Fans	No	—	Montgomery	12.6	1.2
24D: Groseclose silt loam, 15 to 25 percent slopes	Groseclose	60-100	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	223.2	—
24E: Groseclose silt loam, 25 to 35 percent slopes	Groseclose	50-100	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	240.3	—
25: McGary and Purdy soils	McGary	40	Stream terraces	No	—	Montgomery	16.8	2.0
	Purdy	35	Stream terraces	Yes	2,3			
25C: Groseclose-Litz complex, 2 to 15 percent slopes	Groseclose	45	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	128.8	—
	Litz	30	Hills	No	—			

25D: Groseclose-Litz complex, 15 to 25 percent slopes	Groseclose	45	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	312.5	0.1
	Litz	30	Hills	No	—			
25E: Groseclose-Litz complex, 25 to 35 percent slopes	Groseclose	45	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	858.6	—
	Litz	30	Hills	No	—			
26B: Hayesville fine sandy loam, 2 to 7 percent slopes	Hayesville	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	3.4	—
26D: Hayesville fine sandy loam, 15 to 25 percent slopes	Hayesville	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	95.2	—
27D: Hayesville gravelly fine sandy loam, 15 to 25 percent slopes	Hayesville	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	55.9	—
28: Ross soils	Ross	80-100	Flood plains	No	—	Montgomery	9.2	3.8
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
28E: Hayesville channery fine sandy loam, 25 to 50 percent slopes, very stony	Hayesville	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	225.2	—
29: Udorthents and Urban land	Udorthents	45	Hills	No	—	Montgomery	58.3	4.0
	Urban land	30	Hills	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
29C: Hayesville-Urban land complex, 2 to 15 percent slopes	Hayesville	45	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	27.7	—
	Urban land	30	—	No	—			
30B: Unison and Braddock soils, 2 to 7 percent slopes	Unison	45	Stream terraces	No	—	Montgomery	17.4	0.8
	Braddock	30	Stream terraces	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
30C: Unison and Braddock soils, 7 to 15 percent slopes	Unison	45	Stream terraces	No	—	Montgomery	57.3	6.2
	Braddock	30	Stream terraces	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
30C: Laidig fine sandy loam, 7 to 15 percent slopes	Laidig	50-100	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	5.6	—
30D: Unison and Braddock soils, 15 to 25 percent slopes	Unison	45	Stream terraces	No	—	Montgomery	19.4	—
	Braddock	30	Stream terraces	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
33: Weaver soils	Weaver	70-100	Flood plains	No	—	Montgomery	69.3	0.9
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
33E: Opequon-Rock outcrop complex, 15 to 35 percent slopes	Opequon	55	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	123.0	0.7
	Rock outcrop	30	Escarpments on hills	No	—			
34E: Peaks gravelly loam, 35 to 60 percent slopes, very stony	Peaks	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	6.3	—
34F: Peaks gravelly loam, 60 to 75 percent slopes, very stony	Peaks	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	438.3	—
35: Pits, quarries	Pits	85	—	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	107.4	—
36A: Purdy silt loam, 0 to 4 percent slopes	*Purdy*	*70-100*	*Depressions on stream terraces*	*Yes*	*2*	*Roanoke Co. & Cities of Roanoke and Salem, Va*	*68.8*	—

37C: Sequoia silt loam, 7 to 15 percent slopes	Sequoia	50-100	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	76.7	—
37D: Sequoia silt loam, 15 to 25 percent slopes	Sequoia	50-100	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	113.0	—
37E: Sequoia silt loam, 25 to 40 percent slopes	Sequoia	50-100	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	358.9	—
39B: Shottower loam, 2 to 7 percent slopes	Shottower	70-90	Stream terraces	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	262.9	—
39C: Shottower loam, 7 to 15 percent slopes	Shottower	70-90	Stream terraces	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	523.0	—
40C: Shottower cobbly loam, 7 to 15 percent slopes	Shottower	60-100	Stream terraces	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	171.1	—
40D: Shottower cobbly loam, 15 to 30 percent slopes	Shottower	60-100	Stream terraces	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	380.8	—
41C: Shottower-Urban land complex, 2 to 15 percent slopes	Shottower	40	Stream terraces	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	866.8	—
	Urban land	35	—	No	—			
41D: Shottower-Urban land complex, 15 to 25 percent slopes	Shottower	40	Stream terraces	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	142.6	—
	Urban land	35	—	No	—			
42A: Sindion loam, 0 to 2 percent slopes, occasionally flooded	Sindion	50-100	Flood plains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	130.1	—
	Clubcaf	5	Depressions on flood plains	Yes	2			
43A: Speedwell loam, 0 to 2 percent slopes, occassionally flooded	Speedwell	50-100	Flood plains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	397.4	14.7
	Clubcaf	5	Depressions on flood plains	Yes	2			
44A: Speedwell-Urban land complex, 0 to 2 percent slopes, occasionally flooded	Speedwell	40	Flood plains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	854.7	—
	Urban land	35	—	No	—			
	Clubcaf	5	Depressions on flood plains	Yes	2			
46E: Sylvatus very channery silt loam, 35 to 55 percent slopes	Sylvatus	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	309.2	—
46F: Sylvatus very channery silt loam, 55 to 75 percent slopes	Sylvatus	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	1,184.1	1.0
47B: Thurmont sandy loam, 2 to 7 percent slopes	Thurmont	60-100	Stream terraces,fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	90.8	—
47C: Thurmont sandy loam, 7 to 15 percent slopes	Thurmont	60-100	Stream terraces,fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	102.4	—
49B: Tumbling loam, 2 to 7 percent slopes	Tumbling	75-90	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	561.8	—
49C: Tumbling loam, 7 to 15 percent slopes	Tumbling	75-90	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	1,379.2	—

49D: Tumbling loam, 15 to 25 percent slopes	Tumbling	75-90	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	823.5	—
50C: Tumbling loam, 7 to 15 percent slopes, very stony	Tumbling	75-95	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	174.7	—
50D: Tumbling loam, 15 to 25 percent slopes, very stony	Tumbling	60-100	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	636.9	—
50E: Tumbling loam, 25 to 45 percent slopes, very stony	Tumbling	60-100	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	1,279.1	—
51C: Tumbling-Urban land complex, 2 to 15 percent slopes	Tumbling	40	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	391.3	—
	Urban land	35	—	No	—			
52: Udorthents-Urban land complex	Udorthents	60	—	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	636.7	—
	Urban land	25	—	No	—			
53: Urban land	Urban land	60-100	—	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	343.9	—
	Wet Spots	5	Depressions on flood plains	Yes	2			
54C: Weikert-Berks complex, 7 to 15 percent slopes	Weikert	45	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	34.4	—
	Berks	30	Hills	No	—			
54E: Weikert-Berks complex, 15 to 45 percent slopes	Weikert	45	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	931.2	—
	Berks	30	Hills	No	—			
55F: Weikert-Rock outcrop complex, 45 to 70 percent slopes	Weikert	65	Hills	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	3,481.3	—
	Rock outcrop	25	Escarpments on hills	No	—			
56A: Wheeling loam, 0 to 2 percent slopes, rarely flooded	Wheeling	60-100	Stream terraces	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	130.9	1.1
56B: Wheeling loam, 2 to 7 percent slopes, rarely flooded	Wheeling	60-100	Stream terraces	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	10.4	—
57A: Wheeling-Urban land complex, 0 to 2 percent slopes, rarely flooded	Wheeling	40	Stream terraces	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	837.0	—
	Urban land	25	—	No	—			
58B: Zoar silt loam, 2 to 7 percent slopes	Zoar	50-100	Stream terraces	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	127.7	—
	Purdy	3	Depressions on stream terraces	Yes	2			
W: Water	Water	100	Perenial streams,lakes	Unranked	—	Montgomery	14.3	—
W: Water	Water	100	Perenial streams,lakes	Unranked	—	Roanoke Co. & Cities of Roanoke and Salem, Va	219.9	0.2

Data Source Information

Soil Survey Area: Montgomery County, Virginia
Survey Area Data: Version 14, Sep 14, 2021
Soil Survey Area: Roanoke County and the Cities of Roanoke and Salem, Virginia
Survey Area Data: Version 16, Sep 16, 2021

Bottom Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Bottom Creek (Acres)	Project Area (Acres)
1A: Alderflats silt loam, 0 to 4 percent slopes	*Alderflats*	*80-100*	*Depressions on mountains*	*Yes*	*2*	*Roanoke Co. & Cities of Roanoke and Salem, Va*	*465.2*	*5.9*
1C: Ashe-Edneyville-Peaks complex, 8 to 15 percent slopes, very stony	Ashe	35-45	Ridges	No	—	Franklin	0.6	—
	Edneyville	25-35	Ridges	No	—			
	Peaks	15-25	Ridges	No	—			
1C: Berks-Clymer complex, 7 to 15 percent slopes	Berks	50	Hills	No	—	Montgomery	13.4	—
	Clymer	30	Hills	No	—			
1E: Ashe-Edneytown complex, 25 to 35 percent slopes	Ashe	45-55	Hills,ridges,ridges,spurs	No	—	Floyd	11.7	—
	Edneytown	30-40	Hills,ridges,ridges,spurs	No	—			
2B: Allegheny loam, 2 to 7 percent slopes	Allegheny	50-100	Stream terraces	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	7.4	—
2C: Berks-Groseclose complex, 7 to 15 percent slopes	Berks	40	Hills	No	—	Montgomery	2.8	—
	Groseclose	35	Hills	No	—			
3D: Berks-Lowell-Rayne complex, 15 to 25 percent slopes	Berks	35	Hills	No	—	Montgomery	3.9	—
	Lowell	30	Hills	No	—			
	Rayne	20	Hills	No	—			
3E: Ashe-Edneyville complex, 35 to 55 percent slopes, very stony	Ashe-Very stony	35-45	Hills,ridges,ridges,spurs	No	—	Floyd	1.7	—
	Edneyville-Very stony	30-40	Hills,ridges,ridges,spurs	No	—			
3E: Berks-Lowell-Rayne complex, 25 to 65 percent slopes	Berks	35	Hills	No	—	Montgomery	100.5	—
	Lowell	30	Hills	No	—			
	Rayne	20	Hills	No	—			
4E: Berks-Rock outcrop complex, 25 to 70 percent slopes	Berks	50	Hills	No	—	Montgomery	1,844.5	—
	Rock outcrop	30	Hills,escarpments	No	—			
5D: Berks-Weikert complex, 15 to 25 percent slopes	Berks	50	Hills	No	—	Montgomery	13.9	0.1
	Weikert	30	Hills	No	—			
6E: Berks and Weikert soils, 25 to 65 percent slopes	Berks	50	Hills	No	—	Montgomery	1,589.0	—
	Weikert	25	Hills	No	—			
7A: Clubcaf silt loam, 0 to 2 percent slopes, occasionally flooded	*Clubcaf*	*50-100*	*Depressions on flood plains*	*Yes*	*2*	*Roanoke Co. & Cities of Roanoke and Salem, Va*	*42.0*	—
7D: Berks and Weikert very stony soils, 15 to 35 percent slopes	Berks	50	Hills	No	—	Montgomery	132.5	
	Weikert	25	Hills	No	—			
8A: Combs loam, 0 to 2 percent slopes, occasionally flooded	Combs	50-100	Flood plains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	33.4	—
	Clubcaf	5	Depressions on flood plains	Yes	2			
8D: Caneyville-Opequon-Rock outcrop complex, 7 to 25 percent slopes	Caneyville	30	Hills	No	—	Montgomery	35.9	—
	Opequon	25	Hills	No	—			
	Rock outcrop	20	Escarpments	No	—			
8E: Caneyville-Opequon-Rock outcrop complex, 25 to 60 percent slopes	Caneyville	30	Hills	No	—	Montgomery	81.6	—
	Opequon	25	Hills	No	—			
	Rock outcrop	20	Escarpments	No	—			
9B: Cotaco loam, 2 to 7 percent slopes	Cotaco	50-100	Fans,stream terraces	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	60.5	1.1
	Purdy	3	Depressions on stream terraces	Yes	2			
10: Craigsville soils	Craigsville	75-100	Flood plains	No	—	Montgomery	196.9	—
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			

10D: Dekalb channery sandy loam, 15 to 35 percent slopes	Dekalb	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	64.7	—
11C: Dekalb channery sandy loam, 7 to 15 percent slopes, very stony	Dekalb	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	167.6	—
11B: Duffield-Ernest complex, 2 to 7 percent slopes	Duffield	45	Drainageways	No	—	Montgomery	12.8	—
	Ernest	35	Drainageways	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
11C: Duffield-Ernest complex, 7 to 15 percent slopes	Duffield	45	Drainageways	No	—	Montgomery	30.8	2.5
	Ernest	35	Drainageways	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
11D: Dekalb channery sandy loam, 15 to 35 percent slopes, very stony	Dekalb	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	566.0	—
11E: Dekalb channery sandy loam, 35 to 60 percent slopes, very stony	Dekalb	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	1,978.5	—
11F: Dekalb channery sandy loam, 60 to 80 percent slopes, very stony	Dekalb	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	348.6	—
12B: Frederick and Vertrees silt loams, 2 to 7 percent slopes	Frederick	40	Hills	No	—	Montgomery	3.0	—
	Vertrees	35	Hills	No	—			
12F: Dekalb-Rock outcrop complex, 25 to 80 percent slopes	Dekalb	55	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	222.5	—
	Rock outcrop	20	Escarpments on mountains	No	—			
13A: Derroc cobbly sandy loam, 0 to 4 percent slopes, occasionally flooded	Derroc	50-100	Flood plains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	66.4	—
	Clubcaf	5	Depressions on flood plains	Yes	2			
13D: Frederick and Vertrees gravelly silt loams, 15 to 25 percent slopes	Frederick	40	Hills	No	—	Montgomery	5.1	—
	Vertrees	35	Hills	No	—			
15B: Glenelg loam, 2 to 7 percent slopes	Glenelg	70-100	Mountains	No	—	Montgomery	14.5	—
15C: Glenelg loam, 7 to 15 percent slopes	Glenelg	70-100	Mountains	No	—	Montgomery	54.8	—
15D: Glenelg loam, 15 to 25 percent slopes	Glenelg	70-100	Mountains	No	—	Montgomery	39.5	—
16B: Edneyville fine sandy loam, 2 to 7 percent slopes	Edneyville	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	244.9	4.4
16C: Edneytown-Ashe complex, 8 to 15 percent slopes	Edneytown	50-60	Hills,ridges,ridges,spurs	No	—	Floyd	9.2	—
	Ashe	25-35	Hills,ridges,ridges,spurs	No	—			
16C: Edneytown-Sauratown complex, 8 to 15 percent slopes, very stony	Edneytown	60-70	Ridges	No	—	Franklin	5.3	0.3
	Sauratown	20-30	Ridges	No	—			
16C: Groseclose and Poplimento soils, 7 to 15 percent slopes	Groseclose	45	Hills	No	—	Montgomery	25.4	—
	Poplimento	40	Hills	No	—			
16C: Edneyville fine sandy loam, 7 to 15 percent slopes	Edneyville	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	791.2	15.1
16D: Edneytown-Ashe complex, 15 to 25 percent slopes	Edneytown	40-50	Hills,ridges,ridges,spurs	No	—	Floyd	35.9	—
	Ashe	35-45	Hills,ridges,ridges,spurs	No	—			
16D: Edneytown-Sauratown complex, 15 to 25 percent slopes, very stony	Edneytown	65-75	Ridges	No	—	Franklin	1.1	—
	Sauratown	20-30	Ridges	No	—			
16D: Groseclose and Poplimento soils, 15 to 25 percent slopes	Groseclose	45	Hills	No	—	Montgomery	40.7	—
	Poplimento	40	Hills	No	—			
16D: Edneyville fine sandy loam, 15 to 25 percent slopes	Edneyville	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	1,368.8	25.4

16E: Edneytown-Sauratown complex, 25 to 45 percent slopes, very stony	Edneytown	60-70	Ridges	No	—	Franklin	6.7	—
	Sauratown	20-30	Ridges	No	—			
16E: Groseclose and Poplimento soils, 25 to 60 percent slopes	Groseclose	40	Hills	No	—	Montgomery	88.5	—
	Poplimento	35	Hills	No	—			
16E: Edneyville fine sandy loam, 25 to 55 percent slopes	Edneyville	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	3,306.2	39.9
17C: Evard fine sandy loam, 7 to 15 percent slopes	Evard	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	489.1	6.8
17D: Evard fine sandy loam, 15 to 25 percent slopes	Evard	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	358.4	—
17E: Evard fine sandy loam, 25 to 55 percent slopes	Evard	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	485.5	—
19B: Guernsey silt loam, 2 to 7 percent slopes	Guernsey	70-100	Stream terraces	No	—	Montgomery	10.5	—
19D: Edneyville-Ashe complex, 8 to 35 percent slopes, very stony	Edneyville-Very stony	40-50	Hills,ridges,ridges,spurs	No	—	Floyd	8.8	—
	Ashe-Very stony	30-40	Hills,ridges,ridges,spurs	No	—			
20B: Hayter loam, 2 to 7 percent slopes	Hayter	70-100	Stream terraces	No	—	Montgomery	22.5	—
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
21C: Hayter soils, 7 to 15 percent slopes	Hayter	85	Stream terraces	No	—	Montgomery	13.2	—
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
22C: Jefferson soils, 7 to 15 percent slopes	Jefferson	70-100	Fans	No	—	Montgomery	4.3	—
23C: Grimsley cobbly loam, 7 to 15 percent slopes	Grimsley	50-100	Fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	78.4	1.1
24D: Jefferson extremely stony soils, 7 to 25 percent slopes	Jefferson	70-100	Fans	No	—	Montgomery	127.4	—
26C: Parker-Glenelg complex, 7 to 15 percent slopes	Parker	45	Mountains	No	—	Montgomery	48.0	—
	Glenelg	35	Mountains	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
26D: Parker-Glenelg complex, 15 to 25 percent slopes	Parker	45	Mountains	No	—	Montgomery	125.6	—
	Glenelg	35	Mountains	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
26E: Parker-Glenelg complex, 25 to 50 percent slopes	Parker	45	Mountains	No	—	Montgomery	250.1	—
	Glenelg	35	Mountains	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
27E: Parker-Rock outcrop complex, 25 to 50 percent slopes	Parker	45	Mountains	No	—	Montgomery	699.1	—
	Rock outcrop	35	Escarpments	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
29: Udorthents and Urban land	Udorthents	45	Hills	No	—	Montgomery	1.6	—
	Urban land	30	Hills	No	—			
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
33: Weaver soils	Weaver	70-100	Flood plains	No	—	Montgomery	12.3	—
	Purdy	0-5	Stream terraces,depressions	Yes	2,3			
33E: Peaks-Ashe-Edneyville complex, 25 to 45 percent slopes, very stony	Peaks	35-45	Ridges	No	—	Franklin	2.1	—
	Ashe	30-40	Ridges	No	—			
	Edneyville	15-25	Ridges	No	—			
34E: Peaks gravelly loam, 35 to 60 percent slopes, very stony	Peaks	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	252.7	—
34F: Peaks gravelly loam, 60 to 75 percent slopes, very stony	Peaks	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	70.3	—

37F: Peaks-Rock outcrop complex, 25 to 90 percent slopes, extremely stony	Peaks-Extremely stony	45-55	Knobs,knobs,ridges,ridges	No	—	Floyd	31.9	—
	Rock outcrop	30-40	Escarpments	No	—			
42A: Sindion loam, 0 to 2 percent slopes, occasionally flooded	Sindion	50-100	Flood plains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	44.4	—
	Clubcaf	5	Depressions on flood plains	Yes	2			
42C: Tate loam, 8 to 15 percent slopes, stony	Tate-Stony	80-90	Benches,benches, coves,saddles	No	—	Floyd	0.2	—
	Hatboro-Frequently flooded	1	Depressions on flood plains	Yes	2			
43A: Speedwell loam, 0 to 2 percent slopes, occassionally flooded	Speedwell	50-100	Flood plains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	8.0	—
	Clubcaf	5	Depressions on flood plains	Yes	2			
46E: Sylvatus very channery silt loam, 35 to 55 percent slopes	Sylvatus	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	499.3	—
46F: Sylvatus very channery silt loam, 55 to 75 percent slopes	Sylvatus	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	124.6	—
47B: Thurmont sandy loam, 2 to 7 percent slopes	Thurmont	60-100	Stream terraces,fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	68.0	—
47C: Thurmont sandy loam, 7 to 15 percent slopes	Thurmont	60-100	Stream terraces,fans	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	94.3	—
52: Udorthents-Urban land complex	Udorthents	60	—	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	18.3	—
	Urban land	25	—	No	—			
W: Water	Water	100	Perrenial streams,lakes	Unranked	—	Montgomery	2.4	—
W: Water	Water	100	Perrenial streams,lakes	Unranked	—	Roanoke Co. & Cities of Roanoke and Salem, Va	38.5	—

Data Source Information

Soil Survey Area: Floyd County, Virginia
Survey Area Data: Version 10, Sep 13, 2021
Soil Survey Area: Franklin, Virginia
Survey Area Data: Version 20, Sep 13, 2021
Soil Survey Area: Montgomery County, Virginia
Survey Area Data: Version 14, Sep 14, 2021
Soil Survey Area: Roanoke County and the Cities of Roanoke and Salem, Virginia
Survey Area Data: Version 16, Sep 16, 2021

South Fork Blackwater River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	South Fork Blackwater River (Acres)	Project Area (Acres)
1C: Ashe-Edneyville-Peaks complex, 8 to 15 percent slopes, very stony	Ashe	35-45	Ridges	No	—	Franklin	287.0	0.3
	Edneyville	25-35	Ridges	No	—			
	Peaks	15-25	Ridges	No	—			
1E: Ashe-Edneytown complex, 25 to 35 percent slopes	Ashe	45-55	Hills,ridges,ridges,spurs	No	—	Floyd	6.7	—
	Edneytown	30-40	Hills,ridges,ridges,spurs	No	—			
2D: Ashe-Peaks-Edneyville complex, 15 to 25 percent slopes, very stony	Ashe	35-45	Ridges	No	—	Franklin	352.5	2.5
	Peaks	30-40	Ridges	No	—			
	Edneyville	15-25	Ridges	No	—			
3D: Bluemount-Redbrush-Spriggs complex, 15 to 25 percent slopes, stony	Bluemount	30-40	Hillslopes	No	—	Franklin	15.0	—
	Redbrush	25-35	Hillslopes	No	—			
	Spriggs	10-20	Hillslopes	No	—			
3E: Ashe-Edneyville complex, 35 to 55 percent slopes, very stony	Ashe-Very stony	35-45	Hills,ridges,ridges,spurs	No	—	Floyd	1.2	—
	Edneyville-Very stony	30-40	Hills,ridges,ridges,spurs	No	—			
4C: Braddock cobbly loam, 8 to 15 percent slopes	Braddock	85-95	Coves,stream terraces,benches	No	—	Floyd	0.2	—
4E: Bluemount-Spriggs complex, 25 to 45 percent slopes, stony	Bluemount	45-55	Hillslopes	No	—	Franklin	238.5	—
	Spriggs	20-30	Hillslopes	No	—			
5C: Bluemount-Spriggs-Redbrush complex, 8 to 15 percent slopes, stony	Bluemount	50-60	Hillslopes	No	—	Franklin	47.3	—
	Spriggs	15-25	Hillslopes	No	—			
	Redbrush	10-20	Hillslopes	No	—			
6C: Brownwood-Chandler complex, 8 to 15 percent slopes, very stony	Brownwood	45-55	Ridges	No	—	Franklin	114.3	—
	Chandler	35-45	Ridges	No	—			
6D: Brownwood-Chandler complex, 15 to 25 percent slopes, very stony	Brownwood	55-65	Ridges	No	—	Franklin	248.8	—
	Chandler	25-35	Ridges	No	—			
6E: Brownwood-Chandler complex, 25 to 45 percent slopes, very stony	Brownwood	45-55	Ridges	No	—	Franklin	1,311.9	—
	Chandler	30-40	Ridges	No	—			
6F: Brownwood-Chandler complex, 45 to 95 percent slopes, very stony	Brownwood	45-55	Ridges	No	—	Franklin	1,145.4	—
	Chandler	30-40	Ridges	No	—			
7B: Clifford fine sandy loam, 2 to 8 percent slopes	Clifford	85-100	Interfluves	No	—	Franklin	15.4	—
7C: Clifford fine sandy loam, 8 to 15 percent slopes	Clifford	90-100	Interfluves	No	—	Franklin	1,274.1	—
7D: Clifford fine sandy loam, 15 to 25 percent slopes	Clifford	85-95	Hillslopes	No	—	Franklin	1,332.0	—
8E: Clifford-Hickoryknob complex, 25 to 45 percent slopes	Clifford	70-80	Hillslopes	No	—	Franklin	1,583.2	—
	Hickoryknob	10-20	Hillslopes	No	—			
9D: Cowee gravelly loam, 8 to 35 percent slopes, stony	Cowee-Stony	80-90	Hills,ridges,ridges,spurs	No	—	Floyd	0.0	—
10B: Colescreek-Delanco complex, 2 to 8 percent slopes, rarely flooded	Colescreek	45-55	Stream terraces	No	—	Franklin	27.9	—
	Delanco	25-35	Stream terraces	No	—			
11A: Comus-Maggodee-Elsinboro complex, 0 to 4 percent slopes	Comus	40-50	Flood plains	No	—	Franklin	756.2	—
	Maggodee	15-25	Flood plains	No	—			
	Elsinboro	15-25	Stream terraces	No	—			
13D: Cullasaja-Tuckasegee complex, 15 to 25 percent slopes, very stony	Cullasaja	50-60	Ridges	No	—	Franklin	314.0	4.9
	Tuckasegee	25-35	Ridges	No	—			
13E: Cullasaja-Tuckasegee complex, 25 to 60 percent slopes, very stony	Cullasaja	50-60	Ridges	No	—	Franklin	315.5	0.6
	Tuckasegee	25-35	Ridges	No	—			
15B: Delanco-Kinkora complex, 0 to 8 percent slopes, rarely flooded	Delanco-Rarely flooded	40-50	Alluvial fans,coves,stream terraces	No	—	Floyd	0.4	—
	Kinkora-Rarely flooded	35-45	Depressions on stream terraces	Yes	2			
	Hatboro-Frequently flooded	1	Depressions on flood plains	Yes	2			

16B: Edneyville fine sandy loam, 2 to 7 percent slopes	Edneyville	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	0.2	—
16C: Edneytown-Ashe complex, 8 to 15 percent slopes	Edneytown	50-60	Hills,ridges,ridges,spurs	No	—	Floyd	7.8	5.2
	Ashe	25-35	Hills,ridges,ridges,spurs	No	—			
16C: Edneytown-Sauratown complex, 8 to 15 percent slopes, very stony	Edneytown	60-70	Ridges	No	—	Franklin	196.6	—
	Sauratown	20-30	Ridges	No	—			
16C: Edneyville fine sandy loam, 7 to 15 percent slopes	Edneyville	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	1.2	—
16D: Edneytown-Ashe complex, 15 to 25 percent slopes	Edneytown	40-50	Hills,ridges,ridges,spurs	No	—	Floyd	2.1	—
	Ashe	35-45	Hills,ridges,ridges,spurs	No	—			
16D: Edneytown-Sauratown complex, 15 to 25 percent slopes, very stony	Edneytown	65-75	Ridges	No	—	Franklin	147.3	3.4
	Sauratown	20-30	Ridges	No	—			
16E: Edneytown-Sauratown complex, 25 to 45 percent slopes, very stony	Edneytown	60-70	Ridges	No	—	Franklin	315.3	7.2
	Sauratown	20-30	Ridges	No	—			
16E: Edneyville fine sandy loam, 25 to 55 percent slopes	Edneyville	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	0.1	—
16F: Edneytown-Sauratown complex, 45 to 95 percent slopes, very stony	Edneytown	60-70	Ridges	No	—	Franklin	1,115.6	—
	Sauratown	20-30	Ridges	No	—			
17B: Elsinboro-Colescreek complex, 2 to 8 percent slopes, rarely flooded	Elsinboro	65-75	Stream terraces	No	—	Franklin	171.8	—
	Colescreek	15-25	Stream terraces	No	—			
19C: Hayesville loam, 8 to 15 percent slopes	Hayesville	80-90	Ridges	No	—	Franklin	6.1	—
19D: Edneyville-Ashe complex, 8 to 35 percent slopes, very stony	Edneyville-Very stony	40-50	Hills,ridges,ridges,spurs	No	—	Floyd	3.7	—
	Ashe-Very stony	30-40	Hills,ridges,ridges,spurs	No	—			
20E: Hayesville loam, 25 to 45 percent slopes, very stony	Hayesville	80-90	Ridges	No	—	Franklin	42.0	1.2
21B: Glenelg and Hayesville loams, 3 to 8 percent slopes	Glenelg	40-50	Hills,ridges,ridges,spurs	No	—	Floyd	0.8	—
	Hayesville	35-45	Hills,ridges,ridges,spurs	No	—			
21F: Hickoryknob-Rhodhiss complex, 45 to 75 percent slopes, rocky	Hickoryknob	70-80	Hillslopes	No	—	Franklin	80.2	—
	Rhodhiss	10-20	Hillslopes	No	—			
22C: Glenelg loam, 8 to 15 percent slopes	Glenelg	85-95	Hills,ridges,ridges,spurs	No	—	Floyd	8.1	—
22D: Glenelg loam, 15 to 25 percent slopes	Glenelg	85-95	Hills,ridges,ridges,spurs	No	—	Floyd	1.2	—
23A: Iotla-Maggodee-Colescreek complex, 0 to 4 percent slopes	Iotla	25-35	Flood plains	No	—	Franklin	149.9	—
	Colescreek	20-30	Stream terraces	No	—			
	Maggodee	20-30	Flood plains	No	—			
27C: Minnieville loam, 8 to 15 percent slopes	Minnieville	80-100	Interfluves	No	—	Franklin	609.7	—
27D: Minnieville loam, 15 to 25 percent slopes	Minnieville	80-100	Ridges,hillslopes	No	—	Franklin	415.0	—
27E: Minnieville loam, 25 to 45 percent slopes	Minnieville	80-100	Ridges,hillslopes	No	—	Franklin	36.0	—
28C: Minnieville-Orenda-Redbrush complex, 8 to 15 percent slopes	Minnieville	40-50	Hillslopes	No	—	Franklin	14.5	—
	Orenda	20-30	Hillslopes	No	—			
	Redbrush	20-30	Hillslopes	No	—			
28D: Minnieville-Orenda-Redbrush complex, 15 to 25 percent slopes	Minnieville	40-50	Hillslopes	No	—	Franklin	65.8	—
	Orenda	20-30	Hillslopes	No	—			
	Redbrush	20-30	Hillslopes	No	—			
32C: Myersville loam, 8 to 15 percent slopes	Myersville	85-95	Hills,ridges,ridges,spurs	No	—	Floyd	0.0	—
33C: Myersville loam, 8 to 15 percent slopes, very stony	Myersville-Very stony	85-95	Hills,ridges,ridges,spurs	No	—	Floyd	1.6	—
33E: Peaks-Ashe-Edneyville complex, 25 to 45 percent slopes, very stony	Peaks	35-45	Ridges	No	—	Franklin	2,640.1	5.5
	Ashe	30-40	Ridges	No	—			
	Edneyville	15-25	Ridges	No	—			
33F: Peaks-Ashe-Edneyville complex, 45 to 95 percent slopes, very stony	Peaks	35-45	Ridges	No	—	Franklin	406.1	—
	Ashe	30-40	Ridges	No	—			
	Edneyville	15-25	Ridges	No	—			
36C: Thurmont-Wintergreen complex, 8 to 15 percent slopes	Thurmont	60-70	Hillslopes	No	—	Franklin	196.0	—
	Wintergreen	15-25	Hillslopes	No	—			

36D: Thurmont-Wintergreen complex, 15 to 25 percent slopes	Thurmont	60-70	Hillslopes	No	—	Franklin	27.1	—
	Wintergreen	15-25	Hillslopes	No	—			
37E: Trimont-Porters complex, 25 to 45 percent slopes, very stony	Trimont	40-50	Ridges	No	—	Franklin	14.2	—
	Porters	30-40	Ridges	No	—			
37F: Trimont-Porters complex, 45 to 95 percent slopes, very stony	Trimont	40-50	Ridges	No	—	Franklin	74.6	—
	Porters	30-40	Ridges	No	—			
38C: Watauga-Brownwood complex, 8 to 15 percent slopes	Watauga	55-65	Ridges	No	—	Franklin	425.4	—
	Brownwood	30-40	Ridges	No	—			
38D: Watauga-Brownwood complex, 15 to 25 percent slopes	Watauga	55-65	Ridges	No	—	Franklin	150.3	—
	Brownwood	30-40	Ridges	No	—			
39B: Wintergreen loam, 2 to 8 percent slopes	Wintergreen	90-100	Hillslopes	No	—	Franklin	358.7	—
39C: Wintergreen loam, 8 to 15 percent slopes	Wintergreen	90-100	Hillslopes	No	—	Franklin	853.3	—
39D: Wintergreen loam, 15 to 25 percent slopes	Wintergreen	85-95	Hillslopes	No	—	Franklin	94.5	—
41B: Tate loam, 3 to 8 percent slopes	Tate	80-90	Saddles,benches,coves,benches ,coves,saddles	No	—	Floyd	0.3	—
	Hatboro-Frequently flooded	1	Depressions on flood plains	Yes	2			
W: Water	Water	100	—	Unranked	—	Franklin	0.0	—

Data Source Information

Soil Survey Area: Floyd County, Virginia
Survey Area Data: Version 10, Sep 13, 2021
Soil Survey Area: Franklin, Virginia
Survey Area Data: Version 20, Sep 13, 2021
Soil Survey Area: Roanoke County and the Cities of Roanoke and Salem, Virginia
Survey Area Data: Version 16, Sep 16, 2021

North Fork Blackwater River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	North Fork Blackwater River (Acres)	Project Area (Acres)
1C: Ashe-Edneyville-Peaks complex, 8 to 15 percent slopes, very stony	Ashe	35-45	Ridges	No	—	Franklin	155.0	4.8
	Edneyville	25-35	Ridges	No	—			
	Peaks	15-25	Ridges	No	—			
2D: Ashe-Peaks-Edneyville complex, 15 to 25 percent slopes, very stony	Ashe	35-45	Ridges	No	—	Franklin	423.5	10.4
	Peaks	30-40	Ridges	No	—			
	Edneyville	15-25	Ridges	No	—			
7C: Clifford fine sandy loam, 8 to 15 percent slopes	Clifford	90-100	Interfluves	No	—	Franklin	3,623.1	5.6
7D: Clifford fine sandy loam, 15 to 25 percent slopes	Clifford	85-95	Hillslopes	No	—	Franklin	2,040.8	13.3
8E: Clifford-Hickoryknob complex, 25 to 45 percent slopes	Clifford	70-80	Hillslopes	No	—	Franklin	3,243.7	7.7
	Hickoryknob	10-20	Hillslopes	No	—			
10B: Colescreek-Delanco complex, 2 to 8 percent slopes, rarely flooded	Colescreek	45-55	Stream terraces	No	—	Franklin	17.7	—
	Delanco	25-35	Stream terraces	No	—			
11A: Comus-Maggodee-Elsinboro complex, 0 to 4 percent slopes	Comus	40-50	Flood plains	No	—	Franklin	772.8	5.0
	Maggodee	15-25	Flood plains	No	—			
	Elsinboro	15-25	Stream terraces	No	—			
13D: Cullasaja-Tuckasegee complex, 15 to 25 percent slopes, very stony	Cullasaja	50-60	Ridges	No	—	Franklin	246.0	0.7
	Tuckasegee	25-35	Ridges	No	—			
13E: Cullasaja-Tuckasegee complex, 25 to 60 percent slopes, very stony	Cullasaja	50-60	Ridges	No	—	Franklin	381.5	—
	Tuckasegee	25-35	Ridges	No	—			
14C: Cullasaja-Tuckasegee-Dellwood complex, 0 to 15 percent slopes, very stony	Cullasaja	35-45	Ridges	No	—	Franklin	37.8	0.3
	Tuckasegee	20-30	Ridges	No	—			
	Dellwood	15-25	Ridges	No	—			
16C: Edneytown-Sauratown complex, 8 to 15 percent slopes, very stony	Edneytown	60-70	Ridges	No	—	Franklin	201.6	10.2
	Sauratown	20-30	Ridges	No	—			
16C: Edneyville fine sandy loam, 7 to 15 percent slopes	Edneyville	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	0.4	—
16D: Edneytown-Sauratown complex, 15 to 25 percent slopes, very stony	Edneytown	65-75	Ridges	No	—	Franklin	446.4	6.9
	Sauratown	20-30	Ridges	No	—			
16D: Edneyville fine sandy loam, 15 to 25 percent slopes	Edneyville	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	1.1	—
16E: Edneytown-Sauratown complex, 25 to 45 percent slopes, very stony	Edneytown	60-70	Ridges	No	—	Franklin	1,519.5	8.3
	Sauratown	20-30	Ridges	No	—			
16E: Edneyville fine sandy loam, 25 to 55 percent slopes	Edneyville	60-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	1.7	—
16F: Edneytown-Sauratown complex, 45 to 95 percent slopes, very stony	Edneytown	60-70	Ridges	No	—	Franklin	318.2	—
	Sauratown	20-30	Ridges	No	—			
17B: Elsinboro-Colescreek complex, 2 to 8 percent slopes, rarely flooded	Elsinboro	65-75	Stream terraces	No	—	Franklin	243.8	—
	Colescreek	15-25	Stream terraces	No	—			
19C: Hayesville loam, 8 to 15 percent slopes	Hayesville	80-90	Ridges	No	—	Franklin	142.9	1.1
19D: Hayesville loam, 15 to 25 percent slopes	Hayesville	80-90	Ridges	No	—	Franklin	167.9	3.2
20E: Hayesville loam, 25 to 45 percent slopes, very stony	Hayesville	80-90	Ridges	No	—	Franklin	366.6	5.4
21F: Hickoryknob-Rhodhiss complex, 45 to 75 percent slopes, rocky	Hickoryknob	70-80	Hillslopes	No	—	Franklin	5.8	—
	Rhodhiss	10-20	Hillslopes	No	—			
23A: Iotla-Maggodee-Colescreek complex, 0 to 4 percent slopes	Iotla	25-35	Flood plains	No	—	Franklin	10.3	—
	Colescreek	20-30	Stream terraces	No	—			
	Maggodee	20-30	Flood plains	No	—			

33E: Peaks-Ashe-Edneyville complex, 25 to 45 percent slopes, very stony	Peaks	35-45	Ridges	No	—	Franklin	2,772.9	8.3
	Ashe	30-40	Ridges	No	—			
	Edneyville	15-25	Ridges	No	—			
33F: Peaks-Ashe-Edneyville complex, 45 to 95 percent slopes, very stony	Peaks	35-45	Ridges	No	—	Franklin	2,768.6	5.9
	Ashe	30-40	Ridges	No	—			
	Edneyville	15-25	Ridges	No	—			
34E: Peaks gravelly loam, 35 to 60 percent slopes, very stony	Peaks	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	0.0	—
34F: Peaks gravelly loam, 60 to 75 percent slopes, very stony	Peaks	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	0.3	—
36C: Thurmont-Wintergreen complex, 8 to 15 percent slopes	Thurmont	60-70	Hillslopes	No	—	Franklin	33.4	—
	Wintergreen	15-25	Hillslopes	No	—			
39B: Wintergreen loam, 2 to 8 percent slopes	Wintergreen	90-100	Hillslopes	No	—	Franklin	11.9	2.0
39C: Wintergreen loam, 8 to 15 percent slopes	Wintergreen	90-100	Hillslopes	No	—	Franklin	418.6	12.4
39D: Wintergreen loam, 15 to 25 percent slopes	Wintergreen	85-95	Hillslopes	No	—	Franklin	78.4	—
W: Water	Water	100	—	Unranked	—	Franklin	17.3	—

Data Source Information

Soil Survey Area: Franklin, Virginia
Survey Area Data: Version 20, Sep 13, 2021
Soil Survey Area: Roanoke County and the Cities of Roanoke and Salem, Virginia
Survey Area Data: Version 16, Sep 16, 2021

Madcap Creek-Blackwater River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Madcap Creek-Blackwater River (Acres)	Project Area (Acres)
1C: Ashe-Edneyville-Peaks complex, 8 to 15 percent slopes, very stony	Ashe	35-45	Ridges	No	—	Franklin	6.4	—
	Edneyville	25-35	Ridges	No	—			
	Peaks	15-25	Ridges	No	—			
2D: Ashe-Peaks-Edneyville complex, 15 to 25 percent slopes, very stony	Ashe	35-45	Ridges	No	—	Franklin	20.4	—
	Peaks	30-40	Ridges	No	—			
	Edneyville	15-25	Ridges	No	—			
3D: Bluemount-Redbrush-Spriggs complex, 15 to 25 percent slopes, stony	Bluemount	30-40	Hillslopes	No	—	Franklin	274.0	—
	Redbrush	25-35	Hillslopes	No	—			
	Spriggs	10-20	Hillslopes	No	—			
4E: Bluemount-Spriggs complex, 25 to 45 percent slopes, stony	Bluemount	45-55	Hillslopes	No	—	Franklin	724.8	—
	Spriggs	20-30	Hillslopes	No	—			
5C: Bluemount-Spriggs-Redbrush complex, 8 to 15 percent slopes, stony	Bluemount	50-60	Hillslopes	No	—	Franklin	183.6	—
	Spriggs	15-25	Hillslopes	No	—			
	Redbrush	10-20	Hillslopes	No	—			
7B: Clifford fine sandy loam, 2 to 8 percent slopes	Clifford	85-100	Interfluves	No	—	Franklin	496.9	0.8
7C: Clifford fine sandy loam, 8 to 15 percent slopes	Clifford	90-100	Interfluves	No	—	Franklin	12,404.4	103.3
7D: Clifford fine sandy loam, 15 to 25 percent slopes	Clifford	85-95	Hillslopes	No	—	Franklin	7,542.0	40.5
8E: Clifford-Hickoryknob complex, 25 to 45 percent slopes	Clifford	70-80	Hillslopes	No	—	Franklin	8,501.6	35.9
	Hickoryknob	10-20	Hillslopes	No	—			
9C: Clifford-Urban land complex, 8 to 15 percent slopes	Clifford	70-80	Hillslopes	No	—	Franklin	5.0	—
	Urban land	15-25	—	Unranked	—			
10B: Colescreek-Delanco complex, 2 to 8 percent slopes, rarely flooded	Colescreek	45-55	Stream terraces	No	—	Franklin	135.7	0.4
	Delanco	25-35	Stream terraces	No	—			
11A: Comus-Maggodee-Elsinboro complex, 0 to 4 percent slopes	Comus	40-50	Flood plains	No	—	Franklin	1,820.3	25.2
	Maggodee	15-25	Flood plains	No	—			
	Elsinboro	15-25	Stream terraces	No	—			
13D: Cullasaja-Tuckasegee complex, 15 to 25 percent slopes, very stony	Cullasaja	50-60	Ridges	No	—	Franklin	34.8	—
	Tuckasegee	25-35	Ridges	No	—			
13E: Cullasaja-Tuckasegee complex, 25 to 60 percent slopes, very stony	Cullasaja	50-60	Ridges	No	—	Franklin	101.7	—
	Tuckasegee	25-35	Ridges	No	—			
15E: Drapermill gravelly loam, 25 to 60 percent slopes	Drapermill	75-95	Hillslopes	No	—	Franklin	124.7	4.4
16C: Edneytown-Sauratown complex, 8 to 15 percent slopes, very stony	Edneytown	60-70	Ridges	No	—	Franklin	28.3	2.9
	Sauratown	20-30	Ridges	No	—			
16D: Edneytown-Sauratown complex, 15 to 25 percent slopes, very stony	Edneytown	65-75	Ridges	No	—	Franklin	66.9	1.2
	Sauratown	20-30	Ridges	No	—			
16E: Edneytown-Sauratown complex, 25 to 45 percent slopes, very stony	Edneytown	60-70	Ridges	No	—	Franklin	671.8	1.2
	Sauratown	20-30	Ridges	No	—			
16F: Edneytown-Sauratown complex, 45 to 95 percent slopes, very stony	Edneytown	60-70	Ridges	No	—	Franklin	25.6	—
	Sauratown	20-30	Ridges	No	—			
17B: Elsinboro-Colescreek complex, 2 to 8 percent slopes, rarely flooded	Elsinboro	65-75	Stream terraces	No	—	Franklin	291.0	0.3
	Colescreek	15-25	Stream terraces	No	—			
19C: Hayesville loam, 8 to 15 percent slopes	Hayesville	80-90	Ridges	No	—	Franklin	25.9	—
19D: Hayesville loam, 15 to 25 percent slopes	Hayesville	80-90	Ridges	No	—	Franklin	16.7	—
20E: Hayesville loam, 25 to 45 percent slopes, very stony	Hayesville	80-90	Ridges	No	—	Franklin	92.3	—
21F: Hickoryknob-Rhodhiss complex, 45 to 75 percent slopes, rocky	Hickoryknob	70-80	Hillslopes	No	—	Franklin	204.0	—
	Rhodhiss	10-20	Hillslopes	No	—			
23A: Iotla-Maggodee-Colescreek complex, 0 to 4 percent slopes	Iotla	25-35	Flood plains	No	—	Franklin	133.3	1.1
	Colescreek	20-30	Stream terraces	No	—			
	Maggodee	20-30	Flood plains	No	—			

24B: Jackland-Mirerock-Redbrush complex, 2 to 8 percent slopes	Jackland	30-40	Hillslopes	No	—	Franklin	13.9	—
	Mirerock	25-35	Hillslopes	No	—			
	Redbrush	15-25	Hillslopes	No	—			
24C: Jackland-Mirerock-Redbrush complex, 8 to 15 percent slopes	Jackland	30-40	Hillslopes	No	—	Franklin	100.3	—
	Mirerock	25-35	Hillslopes	No	—			
	Redbrush	15-25	Hillslopes	No	—			
26C: Littlejoe-Strawfield-Penhook complex, 8 to 15 percent slopes	Littlejoe	35-45	Hillslopes	No	—	Franklin	198.5	6.2
	Strawfield	25-35	Hillslopes	No	—			
	Penhook	20-30	Hillslopes	No	—			
26D: Littlejoe-Strawfield-Penhook complex, 15 to 25 percent slopes	Littlejoe	35-45	Hillslopes	No	—	Franklin	68.8	—
	Strawfield	25-35	Hillslopes	No	—			
	Penhook	20-30	Hillslopes	No	—			
27C: Minnieville loam, 8 to 15 percent slopes	Minnieville	80-100	Interfluves	No	—	Franklin	49.9	—
27D: Minnieville loam, 15 to 25 percent slopes	Minnieville	80-100	Ridges,hillslopes	No	—	Franklin	72.7	—
27E: Minnieville loam, 25 to 45 percent slopes	Minnieville	80-100	Ridges,hillslopes	No	—	Franklin	5.9	—
28C: Minnieville-Orenda-Redbrush complex, 8 to 15 percent slopes	Minnieville	40-50	Hillslopes	No	—	Franklin	7.9	—
	Orenda	20-30	Hillslopes	No	—			
	Redbrush	20-30	Hillslopes	No	—			
28D: Minnieville-Orenda-Redbrush complex, 15 to 25 percent slopes	Minnieville	40-50	Hillslopes	No	—	Franklin	7.5	—
	Orenda	20-30	Hillslopes	No	—			
	Redbrush	20-30	Hillslopes	No	—			
33E: Peaks-Ashe-Edneyville complex, 25 to 45 percent slopes, very stony	Peaks	35-45	Ridges	No	—	Franklin	181.8	—
	Ashe	30-40	Ridges	No	—			
	Edneyville	15-25	Ridges	No	—			
33F: Peaks-Ashe-Edneyville complex, 45 to 95 percent slopes, very stony	Peaks	35-45	Ridges	No	—	Franklin	187.2	—
	Ashe	30-40	Ridges	No	—			
	Edneyville	15-25	Ridges	No	—			
35C: Thurmont-Urban land-Wintergreen complex, 8 to 15 percent slopes	Thurmont	50-60	Hillslopes	No	—	Franklin	4.1	—
	Urban land	15-25	—	Unranked	—			
	Wintergreen	10-20	Hillslopes	No	—			
36B: Thurmont-Wintergreen complex, 2 to 8 percent slopes	Thurmont	60-70	Hillslopes	No	—	Franklin	8.8	—
	Wintergreen	15-25	Hillslopes	No	—			
36C: Thurmont-Wintergreen complex, 8 to 15 percent slopes	Thurmont	60-70	Hillslopes	No	—	Franklin	30.6	—
	Wintergreen	15-25	Hillslopes	No	—			
39B: Wintergreen loam, 2 to 8 percent slopes	Wintergreen	90-100	Hillslopes	No	—	Franklin	356.0	7.0
39C: Wintergreen loam, 8 to 15 percent slopes	Wintergreen	90-100	Hillslopes	No	—	Franklin	1,275.0	13.1
39D: Wintergreen loam, 15 to 25 percent slopes	Wintergreen	85-95	Hillslopes	No	—	Franklin	257.2	1.5
W: Water	Water	100	—	Unranked	—	Franklin	305.1	0.1

Data Source Information

Soil Survey Area: Franklin, Virginia

Survey Area Data: Version 20, Sep 13, 2021

Maggodee Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Maggodee Creek (Acres)	Project Area (Acres)
1C: Ashe-Edneyville-Peaks complex, 8 to 15 percent slopes, very stony	Ashe	35-45	Ridges	No	—	Franklin	65.2	—
	Edneyville	25-35	Ridges	No	—			
	Peaks	15-25	Ridges	No	—			
2D: Ashe-Peaks-Edneyville complex, 15 to 25 percent slopes, very stony	Ashe	35-45	Ridges	No	—	Franklin	137.3	—
	Peaks	30-40	Ridges	No	—			
	Edneyville	15-25	Ridges	No	—			
7B: Clifford fine sandy loam, 2 to 8 percent slopes	Clifford	85-100	Interfluves	No	—	Franklin	290.4	
7C: Clifford fine sandy loam, 8 to 15 percent slopes	Clifford	90-100	Interfluves	No	—	Franklin	7,272.3	11.2
7D: Clifford fine sandy loam, 15 to 25 percent slopes	Clifford	85-95	Hillslopes	No	—	Franklin	3,867.5	7.7
8E: Clifford-Hickoryknob complex, 25 to 45 percent slopes	Clifford	70-80	Hillslopes	No	—	Franklin	5,002.4	5
	Hickoryknob	10-20	Hillslopes	No	—			
10B: Colescreek-Delanco complex, 2 to 8 percent slopes, rarely flooded	Colescreek	45-55	Stream terraces	No	—	Franklin	46.3	—
	Delanco	25-35	Stream terraces	No	—			
11A: Comus-Maggodee-Elsinboro complex, 0 to 4 percent slopes	Comus	40-50	Flood plains	No	—	Franklin	1,024.8	1.7
	Maggodee	15-25	Flood plains	No	—			
	Elsinboro	15-25	Stream terraces	No	—			
13D: Cullasaja-Tuckasegee complex, 15 to 25 percent slopes, very stony	Cullasaja	50-60	Ridges	No	—	Franklin	456.6	—
	Tuckasegee	25-35	Ridges	No	—			
13E: Cullasaja-Tuckasegee complex, 25 to 60 percent slopes, very stony	Cullasaja	50-60	Ridges	No	—	Franklin	28.1	—
	Tuckasegee	25-35	Ridges	No	—			
15E: Drapermill gravelly loam, 25 to 60 percent slopes	Drapermill	75-95	Hillslopes	No	—	Franklin	115.4	—
16C: Edneytown-Sauratown complex, 8 to 15 percent slopes, very stony	Edneytown	60-70	Ridges	No	—	Franklin	176.8	—
	Sauratown	20-30	Ridges	No	—			
16D: Edneytown-Sauratown complex, 15 to 25 percent slopes, very stony	Edneytown	65-75	Ridges	No	—	Franklin	216.5	—
	Sauratown	20-30	Ridges	No	—			
16E: Edneytown-Sauratown complex, 25 to 45 percent slopes, very stony	Edneytown	60-70	Ridges	No	—	Franklin	2,038.8	—
	Sauratown	20-30	Ridges	No	—			
16F: Edneytown-Sauratown complex, 45 to 95 percent slopes, very stony	Edneytown	60-70	Ridges	No	—	Franklin	721.7	—
	Sauratown	20-30	Ridges	No	—			
17B: Elsinboro-Colescreek complex, 2 to 8 percent slopes, rarely flooded	Elsinboro	65-75	Stream terraces	No	—	Franklin	141.8	—
	Colescreek	15-25	Stream terraces	No	—			
17E: Evard fine sandy loam, 25 to 55 percent slopes	Evard	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	0.1	—
19C: Hayesville loam, 8 to 15 percent slopes	Hayesville	80-90	Ridges	No	—	Franklin	645.9	—
19D: Hayesville loam, 15 to 25 percent slopes	Hayesville	80-90	Ridges	No	—	Franklin	560.9	—
20E: Hayesville loam, 25 to 45 percent slopes, very stony	Hayesville	80-90	Ridges	No	—	Franklin	2,135.5	—
21F: Hickoryknob-Rhodhiss complex, 45 to 75 percent slopes, rocky	Hickoryknob	70-80	Hillslopes	No	—	Franklin	21.4	—
	Rhodhiss	10-20	Hillslopes	No	—			
23A: Iotla-Maggodee-Colescreek complex, 0 to 4 percent slopes	Iotla	25-35	Flood plains	No	—	Franklin	84.0	—
	Colescreek	20-30	Stream terraces	No	—			
	Maggodee	20-30	Flood plains	No	—			
26C: Littlejoe-Strawfield-Penhook complex, 8 to 15 percent slopes	Littlejoe	35-45	Hillslopes	No	—	Franklin	69.8	—
	Strawfield	25-35	Hillslopes	No	—			
	Penhook	20-30	Hillslopes	No	—			
26D: Littlejoe-Strawfield-Penhook complex, 15 to 25 percent slopes	Littlejoe	35-45	Hillslopes	No	—	Franklin	231.0	—
	Strawfield	25-35	Hillslopes	No	—			
	Penhook	20-30	Hillslopes	No	—			
27C: Minnieville loam, 8 to 15 percent slopes	Minnieville	80-100	Interfluves	No	—	Franklin	21.8	—

28E: Hayesville channery fine sandy loam, 25 to 50 percent slopes, very stony	Hayesville	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	1.1	—
33E: Peaks-Ashe-Edneyville complex, 25 to 45 percent slopes, very stony	Peaks	35-45	Ridges	No	—	Franklin	1,319.0	—
	Ashe	30-40	Ridges	No	—			
	Edneyville	15-25	Ridges	No	—			
33F: Peaks-Ashe-Edneyville complex, 45 to 95 percent slopes, very stony	Peaks	35-45	Ridges	No	—	Franklin	1,777.9	—
	Ashe	30-40	Ridges	No	—			
	Edneyville	15-25	Ridges	No	—			
34E: Peaks gravelly loam, 35 to 60 percent slopes, very stony	Peaks	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	0.5	—
34F: Peaks gravelly loam, 60 to 75 percent slopes, very stony	Peaks	50-100	Mountains	No	—	Roanoke Co. & Cities of Roanoke and Salem, Va	3.6	—
36C: Thurmont-Wintergreen complex, 8 to 15 percent slopes	Thurmont	60-70	Hillslopes	No	—	Franklin	50.4	—
	Wintergreen	15-25	Hillslopes	No	—			
36D: Thurmont-Wintergreen complex, 15 to 25 percent slopes	Thurmont	60-70	Hillslopes	No	—	Franklin	6.4	—
	Wintergreen	15-25	Hillslopes	No	—			
39B: Wintergreen loam, 2 to 8 percent slopes	Wintergreen	90-100	Hillslopes	No	—	Franklin	42.8	—
39C: Wintergreen loam, 8 to 15 percent slopes	Wintergreen	90-100	Hillslopes	No	—	Franklin	310.6	0.5
39D: Wintergreen loam, 15 to 25 percent slopes	Wintergreen	85-95	Hillslopes	No	—	Franklin	135.0	—
W: Water	Water	100	—	Unranked	—	Franklin	85.0	0.1

Data Source Information

Soil Survey Area: Franklin, Virginia
Survey Area Data: Version 20, Sep 13, 2021
Soil Survey Area: Roanoke County and the Cities of Roanoke and Salem, Virginia
Survey Area Data: Version 16, Sep 16, 2021

Standiford Creek-Smith Mountain Lake

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Standiford Creek-Smith Mountain Lake (Acres)	Project Area (Acres)
3D: Bluemount-Redbrush-Spriggs complex, 15 to 25 percent slopes, stony	Bluemount	30-40	Hillslopes	No	—	Franklin	100.3	—
	Redbrush	25-35	Hillslopes	No	—			
	Spriggs	10-20	Hillslopes	No	—			
4E: Bluemount-Spriggs complex, 25 to 45 percent slopes, stony	Bluemount	45-55	Hillslopes	No	—	Franklin	378.7	—
	Spriggs	20-30	Hillslopes	No	—			
5C: Bluemount-Spriggs-Redbrush complex, 8 to 15 percent slopes, stony	Bluemount	50-60	Hillslopes	No	—	Franklin	10.3	—
	Spriggs	15-25	Hillslopes	No	—			
	Redbrush	10-20	Hillslopes	No	—			
7B: Clifford fine sandy loam, 2 to 8 percent slopes	Clifford	85-100	Interfluves	No	—	Franklin	1,397.7	6.1
7C: Clifford fine sandy loam, 8 to 15 percent slopes	Clifford	90-100	Interfluves	No	—	Franklin	11,902.9	77.5
7D: Clifford fine sandy loam, 15 to 25 percent slopes	Clifford	85-95	Hillslopes	No	—	Franklin	8,402.9	38.0
8E: Clifford-Hickoryknob complex, 25 to 45 percent slopes	Clifford	70-80	Hillslopes	No	—	Franklin	2,750.8	5.3
	Hickoryknob	10-20	Hillslopes	No	—			
10B: Colescreek-Delanco complex, 2 to 8 percent slopes, rarely flooded	Colescreek	45-55	Stream terraces	No	—	Franklin	68.6	—
	Delanco	25-35	Stream terraces	No	—			
11A: Comus-Maggodee-Elsinboro complex, 0 to 4 percent slopes	Comus	40-50	Flood plains	No	—	Franklin	516.7	1.8
	Maggodee	15-25	Flood plains	No	—			
	Elsinboro	15-25	Stream terraces	No	—			
17B: Elsinboro-Colescreek complex, 2 to 8 percent slopes, rarely flooded	Elsinboro	65-75	Stream terraces	No	—	Franklin	17.4	—
	Colescreek	15-25	Stream terraces	No	—			
21F: Hickoryknob-Rhodhiss complex, 45 to 75 percent slopes, rocky	Hickoryknob	70-80	Hillslopes	No	—	Franklin	25.7	—
	Rhodhiss	10-20	Hillslopes	No	—			
24B: Jackland-Mirerock-Redbrush complex, 2 to 8 percent slopes	Jackland	30-40	Hillslopes	No	—	Franklin	48.8	—
	Mirerock	25-35	Hillslopes	No	—			
	Redbrush	15-25	Hillslopes	No	—			
24C: Jackland-Mirerock-Redbrush complex, 8 to 15 percent slopes	Jackland	30-40	Hillslopes	No	—	Franklin	49.3	1.3
	Mirerock	25-35	Hillslopes	No	—			
	Redbrush	15-25	Hillslopes	No	—			
27B: Minnieville loam, 2 to 8 percent slopes	Minnieville	80-100	Interfluves	No	—	Franklin	154.3	0.8
27C: Minnieville loam, 8 to 15 percent slopes	Minnieville	80-100	Interfluves	No	—	Franklin	903.9	6.7
27D: Minnieville loam, 15 to 25 percent slopes	Minnieville	80-100	Ridges,hillslopes	No	—	Franklin	616.9	0.0
28C: Minnieville-Orenda-Redbrush complex, 8 to 15 percent slopes	Minnieville	40-50	Hillslopes	No	—	Franklin	171.6	2.5
	Orenda	20-30	Hillslopes	No	—			
	Redbrush	20-30	Hillslopes	No	—			
28D: Minnieville-Orenda-Redbrush complex, 15 to 25 percent slopes	Minnieville	40-50	Hillslopes	No	—	Franklin	121.4	1.4
	Orenda	20-30	Hillslopes	No	—			
	Redbrush	20-30	Hillslopes	No	—			
36B: Thurmont-Wintergreen complex, 2 to 8 percent slopes	Thurmont	60-70	Hillslopes	No	—	Franklin	23.1	—
	Wintergreen	15-25	Hillslopes	No	—			
36C: Thurmont-Wintergreen complex, 8 to 15 percent slopes	Thurmont	60-70	Hillslopes	No	—	Franklin	20.4	—
	Wintergreen	15-25	Hillslopes	No	—			
36D: Thurmont-Wintergreen complex, 15 to 25 percent slopes	Thurmont	60-70	Hillslopes	No	—	Franklin	8.6	—
	Wintergreen	15-25	Hillslopes	No	—			
39B: Wintergreen loam, 2 to 8 percent slopes	Wintergreen	90-100	Hillslopes	No	—	Franklin	30.9	—
39C: Wintergreen loam, 8 to 15 percent slopes	Wintergreen	90-100	Hillslopes	No	—	Franklin	73.9	0.8
W: Water	Water	100	—	Unranked	—	Franklin	2,035.4	0.1

Data Source Information

Soil Survey Area: Franklin, Virginia

Survey Area Data: Version 20, Sep 13, 2021

Owens Creek-Pigg River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Owens Creek-Pigg River (Acres)	Project Area (Acres)
3D: Bluemount-Redbrush-Spriggs complex, 15 to 25 percent slopes, stony	Bluemount	30-40	Hillslopes	No	—	Franklin	554.7	1.3
	Redbrush	25-35	Hillslopes	No	—			
	Spriggs	10-20	Hillslopes	No	—			
4B: Clifford sandy loam, 2 to 7 percent slopes	Clifford	85-100	Interfluves	No	—	Pittslvania Co. & City of Danville, Va	170.2	—
4C: Clifford sandy loam, 7 to 15 percent slopes	Clifford	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	111.4	—
4E: Bluemount-Spriggs complex, 25 to 45 percent slopes, stony	Bluemount	45-55	Hillslopes	No	—	Franklin	916.1	0.2
	Spriggs	20-30	Hillslopes	No	—			
5B3: Clifford sandy clay loam, 2 to 7 percent slopes, severely eroded	Clifford-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	38.2	—
5C: Bluemount-Spriggs-Redbrush complex, 8 to 15 percent slopes, stony	Bluemount	50-60	Hillslopes	No	—	Franklin	71.4	—
	Spriggs	15-25	Hillslopes	No	—			
	Redbrush	10-20	Hillslopes	No	—			
5C3: Clifford sandy clay loam, 7 to 15 percent slopes, severely eroded	Clifford-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	247.5	—
7A: Codorus loam, 0 to 2 percent slopes, occasionally flooded	Codorus-Occasionally flooded	85	Flood plains	No	—	Pittslvania Co. & City of Danville, Va	90.9	—
	Hatboro-Frequently flooded	3	Flood plains	Yes	2			
7B: Clifford fine sandy loam, 2 to 8 percent slopes	Clifford	85-100	Interfluves	No	—	Franklin	727.9	2.0
7C: Clifford fine sandy loam, 8 to 15 percent slopes	Clifford	90-100	Interfluves	No	—	Franklin	6,137.2	52.1
7D: Clifford fine sandy loam, 15 to 25 percent slopes	Clifford	85-95	Hillslopes	No	—	Franklin	2,755.9	13.9
8E: Clifford-Hickoryknob complex, 25 to 45 percent slopes	Clifford	70-80	Hillslopes	No	—	Franklin	3,218.0	14.4
	Hickoryknob	10-20	Hillslopes	No	—			
10B: Colescreek-Delanco complex, 2 to 8 percent slopes, rarely flooded	Colescreek	45-55	Stream terraces	No	—	Franklin	118.3	—
	Delanco	25-35	Stream terraces	No	—			
11A: Comus-Maggodee-Elsinboro complex, 0 to 4 percent slopes	Comus	40-50	Flood plains	No	—	Franklin	628.3	—
	Maggodee	15-25	Flood plains	No	—			
	Elsinboro	15-25	Stream terraces	No	—			
11B3: Minnieville clay loam, 2 to 7 percent slopes, severely eroded	Minnieville-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	13.9	—
11C3: Minnieville clay loam, 7 to 15 percent slopes, severely eroded	Minnieville-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	3.1	—
15E: Drapermill gravelly loam, 25 to 60 percent slopes	Drapermill	75-95	Hillslopes	No	—	Franklin	907.9	3.8
17B: Elsinboro-Colescreek complex, 2 to 8 percent slopes, rarely flooded	Elsinboro	65-75	Stream terraces	No	—	Franklin	37.8	—
	Colescreek	15-25	Stream terraces	No	—			
18B3: Yadkin clay loam, 2 to 7 percent slopes, severely eroded	Yadkin-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	4.7	—
18C3: Yadkin clay loam, 7 to 15 percent slopes, severely eroded	Yadkin-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	33.2	—
21D: Poplar Forest fine sandy loam, 15 to 25 percent slopes	Poplar Forest	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	97.8	—
21E: Poplar Forest fine sandy loam, 25 to 45 percent slopes	Poplar Forest	90	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	61.1	—
21F: Hickoryknob-Rhodhiss complex, 45 to 75 percent slopes, rocky	Hickoryknob	70-80	Hillslopes	No	—	Franklin	60.0	—
	Rhodhiss	10-20	Hillslopes	No	—			
22C: Hickoryknob-Rhodhiss-Stott Knob complex, 8 to 15 percent slopes	Hickoryknob	30-40	Hillslopes	No	—	Franklin	84.1	—
	Rhodhiss	25-35	Hillslopes	No	—			
	Stott Knob	20-30	Hillslopes	No	—			

22D: Hickoryknob-Rhodhiss-Stott Knob complex, 15 to 25 percent slopes	Hickoryknob	30-40	Hillslopes	No	—	Franklin	52.4	—
	Rhodhiss	25-35	Hillslopes	No	—			
	Stott Knob	20-30	Hillslopes	No	—			
22E: Hickoryknob-Rhodhiss-Stott Knob complex, 25 to 60 percent slopes	Hickoryknob	40-50	Hillslopes	No	—	Franklin	313.2	—
	Rhodhiss	20-30	Hillslopes	No	—			
	Stott Knob	15-25	Hillslopes	No	—			
23A: Iotla-Maggodee-Colescreek complex, 0 to 4 percent slopes	Iotla	25-35	Flood plains	No	—	Franklin	35.6	—
	Colescreek	20-30	Stream terraces	No	—			
	Maggodee	20-30	Flood plains	No	—			
24B: Jackland-Mirerock-Redbrush complex, 2 to 8 percent slopes	Jackland	30-40	Hillslopes	No	—	Franklin	180.3	3.2
	Mirerock	25-35	Hillslopes	No	—			
	Redbrush	15-25	Hillslopes	No	—			
24C: Jackland-Mirerock-Redbrush complex, 8 to 15 percent slopes	Jackland	30-40	Hillslopes	No	—	Franklin	624.0	2.1
	Mirerock	25-35	Hillslopes	No	—			
	Redbrush	15-25	Hillslopes	No	—			
26B: Fairview fine sandy loam, 2 to 7 percent slopes	Fairview	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	20.0	—
26C: Littlejoe-Strawfield-Penhook complex, 8 to 15 percent slopes	Littlejoe	35-45	Hillslopes	No	—	Franklin	1,262.1	11.3
	Strawfield	25-35	Hillslopes	No	—			
	Penhook	20-30	Hillslopes	No	—			
26D: Littlejoe-Strawfield-Penhook complex, 15 to 25 percent slopes	Littlejoe	35-45	Hillslopes	No	—	Franklin	547.4	6.2
	Strawfield	25-35	Hillslopes	No	—			
	Penhook	20-30	Hillslopes	No	—			
27B: Minnieville loam, 2 to 8 percent slopes	Minnieville	80-100	Interfluves	No	—	Franklin	23.6	0.1
27C: Minnieville loam, 8 to 15 percent slopes	Minnieville	80-100	Interfluves	No	—	Franklin	971.2	0.6
27C3: Fairview sandy clay loam, 7 to 15 percent slopes, severely eroded	Fairview-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	7.4	
27D: Minnieville loam, 15 to 25 percent slopes	Minnieville	80-100	Ridges,hillslopes	No	—	Franklin	417.0	0.7
27E: Minnieville loam, 25 to 45 percent slopes	Minnieville	80-100	Ridges,hillslopes	No	—	Franklin	48.7	—
28C: Minnieville-Orenda-Redbrush complex, 8 to 15 percent slopes	Minnieville	40-50	Hillslopes	No	—	Franklin	314.4	4.0
	Orenda	20-30	Hillslopes	No	—			
	Redbrush	20-30	Hillslopes	No	—			
28D: Minnieville-Orenda-Redbrush complex, 15 to 25 percent slopes	Minnieville	40-50	Hillslopes	No	—	Franklin	156.4	1.5
	Orenda	20-30	Hillslopes	No	—			
	Redbrush	20-30	Hillslopes	No	—			
36B: Thurmont-Wintergreen complex, 2 to 8 percent slopes	Thurmont	60-70	Hillslopes	No	—	Franklin	62.1	—
	Wintergreen	15-25	Hillslopes	No	—			
36C: Thurmont-Wintergreen complex, 8 to 15 percent slopes	Thurmont	60-70	Hillslopes	No	—	Franklin	100.0	—
	Wintergreen	15-25	Hillslopes	No	—			
38A: Comus fine sandy loam, 0 to 2 percent slopes, occasionally flooded	Comus-Occasionally flooded	85	Flood plains	No	—	Pittslvania Co. & City of Danville, Va	40.3	—
39B: Wintergreen loam, 2 to 8 percent slopes	Wintergreen	90-100	Hillslopes	No	—	Franklin	189.2	—
39C: Wintergreen loam, 8 to 15 percent slopes	Wintergreen	90-100	Hillslopes	No	—	Franklin	169.8	—
39D: Wintergreen loam, 15 to 25 percent slopes	Wintergreen	85-95	Hillslopes	No	—	Franklin	103.6	—
40C: Woolwine-Fairview-Westfield complex, 8 to 15 percent slopes, stony	Woolwine	45-55	Hillslopes	No	—	Franklin	131.1	—
	Fairview	25-35	Hillslopes	No	—			
	Westfield	10-20	Hillslopes	No	—			

40D: Woolwine-Fairview-Westfield complex, 15 to 25 percent slopes, stony	Woolwine	50-60	Hillslopes	No	—	Franklin	15.8	—
	Fairview	20-30	Hillslopes	No	—			
	Westfield	44489	Hillslopes	No	—			
40E: Woolwine-Fairview-Westfield complex, 25 to 60 percent slopes, stony	Woolwine	40-50	Hillslopes	No	—	Franklin	141.5	—
	Fairview	20-30	Hillslopes	No	—			
	Westfield	5-15	Hillslopes	No	—			
W: Water	Water	100	—	Unranked	—	Franklin	167.3	—
W: Water	Water	100	—	Unranked	—	Pittslvania Co. & City of Danville, Va	20.5	—

Data Source Information

Soil Survey Area: Franklin, Virginia
Survey Area Data: Version 20, Sep 13, 2021
Soil Survey Area: Pittsylvania County and the City of Danville, Virginia
Survey Area Data: Version 14, Sep 14, 2021

Tomahawk Creek-Pigg River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Tomahawk Creek-Pigg River (Acres)	Project Area (Acres)
1B: Nathalie sandy loam, 2 to 7 percent slopes	Nathalie	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	44.4	—
2D: Bannertown fine sandy loam, 15 to 35 percent slopes	Bannertown	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	17.5	—
2E: Bannertown fine sandy loam, 35 to 50 percent slopes	Bannertown	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	100.7	—
4B: Clifford sandy loam, 2 to 7 percent slopes	Clifford	85-100	Interfluves	No	—	Pittslvania Co. & City of Danville, Va	526.8	1.0
4C: Clifford sandy loam, 7 to 15 percent slopes	Clifford	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	397.6	3.1
5B3: Clifford sandy clay loam, 2 to 7 percent slopes, severely eroded	Clifford-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	4,989.2	36.0
5C3: Clifford sandy clay loam, 7 to 15 percent slopes, severely eroded	Clifford-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	7,214.9	26.8
7A: Codorus loam, 0 to 2 percent slopes, occasionally flooded	Codorus-Occasionally flooded	85	Flood plains	No	—	Pittslvania Co. & City of Danville, Va	42.3	—
	Hatboro-Frequently flooded	3	Flood plains	Yes	2			
7D: Clifford fine sandy loam, 15 to 25 percent slopes	Clifford	85-95	Hillslopes	No	—	Franklin	7.5	0.0
8A: Codorus-Comus complex, 0 to 2 percent slopes, frequently flooded	Codorus-Frequently flooded	55	Flood plains	No	—	Pittslvania Co. & City of Danville, Va	744.7	2.3
	Comus-Frequently flooded	35	Flood plains	No	—			
	Hatboro-Frequently flooded	2	Flood plains	Yes	2			
10B: Minnieville loam, 2 to 7 percent slopes	Minnieville	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	162.0	2.1
11B3: Minnieville clay loam, 2 to 7 percent slopes, severely eroded	Minnieville-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	756.6	19.4
11C3: Minnieville clay loam, 7 to 15 percent slopes, severely eroded	Minnieville-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	1,082.0	29.2
12B: Enott fine sandy loam, 2 to 7 percent slopes	Enott	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	322.5	2.1
12C: Enott fine sandy loam, 7 to 15 percent slopes	Enott	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	147.8	1.3
13D: Bugley very channery silt loam, 15 to 35 percent slopes	Bugley	90	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	66.5	—
14C: Bugley-Littlejoe complex, 7 to 15 percent slopes	Bugley	60	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	11.6	—
	Littlejoe	30	Hillslopes	No	—			
15E: Bugley-Rock outcrop complex, 35 to 60 percent slopes	Bugley	60	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	42.6	—
	Rock outcrop	30	Rock pediments	No	—			
17B: Yadkin loam, 2 to 7 percent slopes	Yadkin	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	79.7	1.6
18B3: Yadkin clay loam, 2 to 7 percent slopes, severely eroded	Yadkin-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	438.8	10.1
18C3: Yadkin clay loam, 7 to 15 percent slopes, severely eroded	Yadkin-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	607.7	1.2
19C: Yadkin cobbly sandy loam, 7 to 15 percent slopes	Yadkin	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	24.1	—
21D: Poplar Forest fine sandy loam, 15 to 25 percent slopes	Poplar Forest	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	5,981.8	34.4

21E: Poplar Forest fine sandy loam, 25 to 45 percent slopes	Poplar Forest	90	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	1,238.9	7.2
22B: Bentley sandy loam, 2 to 7 percent slopes	Bentley	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	12.8	1.0
22C: Bentley sandy loam, 7 to 15 percent slopes	Bentley	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	7.9	0.6
24B: Jackland-Mirerock-Redbrush complex, 2 to 8 percent slopes	Jackland	30-40	Hillslopes	No	—	Franklin	3.1	0.2
	Mirerock	25-35	Hillslopes	No	—			
	Redbrush	15-25	Hillslopes	No	—			
24C: Jackland-Mirerock-Redbrush complex, 8 to 15 percent slopes	Jackland	30-40	Hillslopes	No	—	Franklin	11.4	2.7
	Mirerock	25-35	Hillslopes	No	—			
	Redbrush	15-25	Hillslopes	No	—			
25B: Orange loam, 0 to 4 percent slopes	Orange	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	3.9	—
26B: Fairview fine sandy loam, 2 to 7 percent slopes	Fairview	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	105.3	—
26C: Littlejoe-Strawfield-Penhook complex, 8 to 15 percent slopes	Littlejoe	35-45	Hillslopes	No	—	Franklin	128.4	—
	Strawfield	25-35	Hillslopes	No	—			
	Penhook	20-30	Hillslopes	No	—			
26D: Littlejoe-Strawfield-Penhook complex, 15 to 25 percent slopes	Littlejoe	35-45	Hillslopes	No	—	Franklin	87.3	—
	Strawfield	25-35	Hillslopes	No	—			
	Penhook	20-30	Hillslopes	No	—			
26D: Fairview fine sandy loam, 15 to 25 percent slopes	Fairview	80-100	Ridges,interfluves	No	—	Pittslvania Co. & City of Danville, Va	5.9	0.5
27B: Minnieville loam, 2 to 8 percent slopes	Minnieville	80-100	Interfluves	No	—	Franklin	1.8	0.1
27C: Minnieville loam, 8 to 15 percent slopes	Minnieville	80-100	Interfluves	No	—	Franklin	21.4	3.1
27C3: Fairview sandy clay loam, 7 to 15 percent slopes, severely eroded	Fairview-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	120.6	—
27D: Minnieville loam, 15 to 25 percent slopes	Minnieville	80-100	Ridges,hillslopes	No	—	Franklin	7.4	0.5
28D: Minnieville-Orenda-Redbrush complex, 15 to 25 percent slopes	Minnieville	40-50	Hillslopes	No	—	Franklin	5.5	0.3
	Orenda	20-30	Hillslopes	No	—			
	Redbrush	20-30	Hillslopes	No	—			
31C: Spriggs fine sandy loam, 7 to 15 percent slopes	Spriggs	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	22.9	—
31D: Spriggs fine sandy loam, 15 to 25 percent slopes	Spriggs	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	45.5	—
37B: Littlejoe gravelly loam, 2 to 7 percent slopes	Littlejoe	70-100	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	97.1	—
37C: Littlejoe gravelly loam, 7 to 15 percent slopes	Littlejoe	70-100	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	160.3	—
37D: Littlejoe gravelly loam, 15 to 25 percent slopes	Littlejoe	50-100	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	137.1	—
38A: Comus fine sandy loam, 0 to 2 percent slopes, occasionally flooded	Comus-Occasionally flooded	85	Flood plains	No	—	Pittslvania Co. & City of Danville, Va	156.2	1.3
39: Udorthents, loamy, 0 to 15 percent slopes	Udorthents-Loamy	100	—	No	—	Pittslvania Co. & City of Danville, Va	0.5	—
43D: Siloam gravelly fine sandy loam, 15 to 25 percent slopes	Siloam	70-100	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	162.1	—
W: Water	Water	100	—	Unranked	—	Pittslvania Co. & City of Danville, Va	245.5	0.0

Data Source Information

Soil Survey Area: Franklin, Virginia
Survey Area Data: Version 20, Sep 13, 2021
Soil Survey Area: Pittsylvania County and the City of Danville, Virginia
Survey Area Data: Version 14, Sep 14, 2021

Cherrystone Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Cherrystone Creek (Acres)	Project Area (Acres)
1B: Nathalie sandy loam, 2 to 7 percent slopes	Nathalie	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	177.2	—
1C: Nathalie sandy loam, 7 to 15 percent slopes	Nathalie	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	195.1	1.9
2C: Bannertown fine sandy loam, 7 to 15 percent slopes	Bannertown	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	39.9	—
2D: Bannertown fine sandy loam, 15 to 35 percent slopes	Bannertown	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	149.9	—
2E: Bannertown fine sandy loam, 35 to 50 percent slopes	Bannertown	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	121.6	—
3A: Delanco fine sandy loam, 0 to 2 percent slopes, rarely flooded	Delanco-Rarely flooded	85	Stream terraces	No	—	Pittslvania Co. & City of Danville, Va	8.8	—
	Hatboro-Frequently flooded	8	Flood plains	Yes	2			
3B: Delanco fine sandy loam, 2 to 7 percent slopes	Delanco	90	Stream terraces	No	—	Pittslvania Co. & City of Danville, Va	12.3	—
4B: Clifford sandy loam, 2 to 7 percent slopes	Clifford	85-100	Interfluves	No	—	Pittslvania Co. & City of Danville, Va	3,770.6	22
4C: Clifford sandy loam, 7 to 15 percent slopes	Clifford	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	2,466.4	—
5B3: Clifford sandy clay loam, 2 to 7 percent slopes, severely eroded	Clifford-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	4,388.1	24.8
5C3: Clifford sandy clay loam, 7 to 15 percent slopes, severely eroded	Clifford-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	7,885.9	—
6B: Clifford-Urban land complex, 2 to 7 percent slopes	Clifford	50	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	271.0	—
	Urban land	40	Hillslopes	No	—			
6C: Clifford-Urban land complex, 7 to 20 percent slopes	Clifford	55	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	47.6	—
	Urban land	35	Hillslopes	No	—			
7A: Codorus loam, 0 to 2 percent slopes, occasionally flooded	Codorus-Occasionally flooded	85	Flood plains	No	—	Pittslvania Co. & City of Danville, Va	413.2	—
	Hatboro-Frequently flooded	3	Flood plains	Yes	2			
8A: Codorus-Comus complex, 0 to 2 percent slopes, frequently flooded	Codorus-Frequently flooded	55	Flood plains	No	—	Pittslvania Co. & City of Danville, Va	832.1	7.7
	Comus-Frequently flooded	35	Flood plains	No	—			
	Hatboro-Frequently flooded	2	Flood plains	Yes	2			
9B: Lackstown fine sandy loam, 2 to 7 percent slopes	Lackstown	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	503.8	0.6
	Wet spots	5	Depressions	Yes	2			
	Leaksville	3	Depressions	Yes	2			
9C: Lackstown fine sandy loam, 7 to 15 percent slopes	Lackstown	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	84.7	—
	Wet spots	5	Depressions	Yes	2			
10B: Minnieville loam, 2 to 7 percent slopes	Minnieville	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	49.9	—
11B3: Minnieville clay loam, 2 to 7 percent slopes, severely eroded	Minnieville-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	222.3	0.4
11C3: Minnieville clay loam, 7 to 15 percent slopes, severely eroded	Minnieville-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	279.0	1.4
12B: Enott fine sandy loam, 2 to 7 percent slopes	Enott	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	183.1	1.7
12C: Enott fine sandy loam, 7 to 15 percent slopes	Enott	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	176.8	5.4

12D: Enott fine sandy loam, 15 to 25 percent slopes	Enott	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	6.7	—
16B: Halifax sandy loam, 2 to 7 percent slopes	Halifax	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	14.3	—
16C: Halifax sandy loam, 7 to 15 percent slopes	Halifax	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	7.0	—
18B3: Yadkin clay loam, 2 to 7 percent slopes, severely eroded	Yadkin-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	4.1	—
21D: Poplar Forest fine sandy loam, 15 to 25 percent slopes	Poplar Forest	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	4,347.8	31
21E: Poplar Forest fine sandy loam, 25 to 45 percent slopes	Poplar Forest	90	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	774.1	—
22B: Bentley sandy loam, 2 to 7 percent slopes	Bentley	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	23.0	—
23B: Clover fine sandy loam, 2 to 7 percent slopes	Clover	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	462.8	26.9
	Leaksville	3	Depressions	Yes	2			
23C: Clover fine sandy loam, 7 to 15 percent slopes	Clover	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	332.4	4.9
	Leaksville	3	Depressions	Yes	2			
23D: Clover fine sandy loam, 15 to 25 percent slopes	Clover	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	38.6	—
	Leaksville	3	Depressions	Yes	2			
25B: Orange loam, 0 to 4 percent slopes	Orange	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	140.9	—
26E: Fairview fine sandy loam, 25 to 45 percent slopes	Fairview	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	38.4	—
34B: Sheva fine sandy loam, 2 to 7 percent slopes	Sheva	70-100	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	24.0	—
	Leaksville	4	Depressions	Yes	2			
35B: Pfafftown sandy loam, 0 to 4 percent slopes, rarely flooded	Pfafftown-Rarely flooded	70-100	Stream terraces	No	—	Pittslvania Co. & City of Danville, Va	59.0	—
36B: Stoneville silt loam, 2 to 7 percent slopes	Stoneville	60-100	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	7.2	—
38A: Comus fine sandy loam, 0 to 2 percent slopes, occasionally flooded	Comus-Occasionally flooded	85	Flood plains	No	—	Pittslvania Co. & City of Danville, Va	19.9	—
39: Udorthents, loamy, 0 to 15 percent slopes	Udorthents-Loamy	100	—	No	—	Pittslvania Co. & City of Danville, Va	76.4	—
40: Urban land	Urban land	70-100	—	No	—	Pittslvania Co. & City of Danville, Va	75.0	—
41A: Hatboro silt loam, 0 to 2 percent slopes, frequently flooded	*Hatboro-Frequently flooded*	*70-100*	*Flood plains*	*Yes*	*2*	*Pittslvania Co. & City of Danville, Va*	*150.3*	*1.1*
42B: Elsinboro sandy loam, 2 to 7 percent slopes	Elsinboro	70-100	Stream terraces	No	—	Pittslvania Co. & City of Danville, Va	10.8	—
DAM: Dam	Dam	100	—	Unranked	—	Pittslvania Co. & City of Danville, Va	5.7	—
W: Water	Water	100	—	Unranked	—	Pittslvania Co. & City of Danville, Va	242.9	—

Data Source Information

Soil Survey Area: Pittsylvania County and the City of Danville, Virginia
Survey Area Data: Version 14, Sep 14, 2021

Mill Creek-Whitehorn Creek

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Mill Creek-Whitehorn Creek (Acres)	Project Area (Acres)
1B: Nathalie sandy loam, 2 to 7 percent slopes	Nathalie	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	73.2	2.3
1C: Nathalie sandy loam, 7 to 15 percent slopes	Nathalie	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	41.9	0.2
2E: Bannertown fine sandy loam, 35 to 50 percent slopes	Bannertown	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	11.4	—
3A: Delanco fine sandy loam, 0 to 2 percent slopes, rarely flooded	Delanco-Rarely flooded	85	Stream terraces	No	—	Pittslvania Co. & City of Danville, Va	16.6	—
	Hatboro-Frequently flooded	8	Flood plains	Yes	2			
3B: Delanco fine sandy loam, 2 to 7 percent slopes	Delanco	90	Stream terraces	No	—	Pittslvania Co. & City of Danville, Va	18.3	—
4B: Clifford sandy loam, 2 to 7 percent slopes	Clifford	85-100	Interfluves	No	—	Pittslvania Co. & City of Danville, Va	2,390.2	20.6
4C: Clifford sandy loam, 7 to 15 percent slopes	Clifford	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	2,059.8	9.2
5B3: Clifford sandy clay loam, 2 to 7 percent slopes, severely eroded	Clifford-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	5,974.2	—
5C3: Clifford sandy clay loam, 7 to 15 percent slopes, severely eroded	Clifford-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	7,109.9	0.2
6B: Clifford-Urban land complex, 2 to 7 percent slopes	Clifford	50	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	35.1	—
	Urban land	40	Hillslopes	No	—			
7A: Codorus loam, 0 to 2 percent slopes, occasionally flooded	Codorus-Occasionally flooded	85	Flood plains	No	—	Pittslvania Co. & City of Danville, Va	53.4	—
	Hatboro-Frequently flooded	3	Flood plains	Yes	2			
8A: Codorus-Comus complex, 0 to 2 percent slopes, frequently flooded	Codorus-Frequently flooded	55	Flood plains	No	—	Pittslvania Co. & City of Danville, Va	845.4	—
	Comus-Frequently flooded	35	Flood plains	No	—			
	Hatboro-Frequently flooded	2	Flood plains	Yes	2			
9B: Lackstown fine sandy loam, 2 to 7 percent slopes	Lackstown	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	313.8	—
	Wet spots	5	Depressions	Yes	2			
	Leaksville	3	Depressions	Yes	2			
10B: Minnieville loam, 2 to 7 percent slopes	Minnieville	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	7.9	—
11B3: Minnieville clay loam, 2 to 7 percent slopes, severely eroded	Minnieville-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	191.7	—
11C3: Minnieville clay loam, 7 to 15 percent slopes, severely eroded	Minnieville-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	69.3	—
12D: Enott fine sandy loam, 15 to 25 percent slopes	Enott	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	9.0	—
16B: Halifax sandy loam, 2 to 7 percent slopes	Halifax	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	31.4	1.0
20B: Leaksville silt loam, 0 to 4 percent slopes	*Leaksville*	*90*	*Depressions*	*Yes*	*2*	*Pittslvania Co. & City of Danville, Va*	*11.1*	—
21D: Poplar Forest fine sandy loam, 15 to 25 percent slopes	Poplar Forest	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	3,246.4	—
21E: Poplar Forest fine sandy loam, 25 to 45 percent slopes	Poplar Forest	90	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	624.1	—
22B: Bentley sandy loam, 2 to 7 percent slopes	Bentley	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	21.1	—

23B: Clover fine sandy loam, 2 to 7 percent slopes	Clover	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	462.2	—
	Leaksville	3	Depressions	Yes	2			
23C: Clover fine sandy loam, 7 to 15 percent slopes	Clover	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	140.6	—
	Leaksville	3	Depressions	Yes	2			
23D: Clover fine sandy loam, 15 to 25 percent slopes	Clover	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	35.0	—
	Leaksville	3	Depressions	Yes	2			
24B: Meadows gravelly loam, 2 to 7 percent slopes	Meadows	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	1,319.1	—
24C: Meadows gravelly loam, 7 to 15 percent slopes	Meadows	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	131.9	—
26B: Fairview fine sandy loam, 2 to 7 percent slopes	Fairview	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	193.0	—
26D: Fairview fine sandy loam, 15 to 25 percent slopes	Fairview	80-100	Ridges,interfluves	No	—	Pittslvania Co. & City of Danville, Va	4.0	—
27C3: Fairview sandy clay loam, 7 to 15 percent slopes, severely eroded	Fairview-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	350.7	—
28D: Pinkston cobbly sandy loam, 15 to 35 percent slopes	Pinkston	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	75.7	—
29E: Pinkston-Clover complex, 35 to 50 percent slopes, very stony	Pinkston-Very stony	60	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	7.4	—
	Clover-Very stony	30	Hillslopes	No	—			
33A: Dan River silt loam, 0 to 2 percent slopes, occasionally flooded	Dan River-Occasionally flooded	85	Flood plains	No	—	Pittslvania Co. & City of Danville, Va	6.7	—
	Hatboro-Frequently flooded	5	Flood plains	Yes	2			
34B: Sheva fine sandy loam, 2 to 7 percent slopes	Sheva	70-100	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	512.5	—
	Leaksville	4	Depressions	Yes	2			
35B: Pfafftown sandy loam, 0 to 4 percent slopes, rarely flooded	Pfafftown-Rarely flooded	70-100	Stream terraces	No	—	Pittslvania Co. & City of Danville, Va	4.4	—
36B: Stoneville silt loam, 2 to 7 percent slopes	Stoneville	60-100	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	107.9	—
36C: Stoneville silt loam, 7 to 15 percent slopes	Stoneville	60-100	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	21.5	—
38A: Comus fine sandy loam, 0 to 2 percent slopes, occasionally flooded	Comus-Occasionally flooded	85	Flood plains	No	—	Pittslvania Co. & City of Danville, Va	31.7	—
39: Udorthents, loamy, 0 to 15 percent slopes	Udorthents-Loamy	100	—	No	—	Pittslvania Co. & City of Danville, Va	18.9	—
40: Urban land	Urban land	70-100	—	No	—	Pittslvania Co. & City of Danville, Va	10.9	—
41A: Hatboro silt loam, 0 to 2 percent slopes, frequently flooded	*Hatboro-Frequently flooded*	*70-100*	*Flood plains*	*Yes*	*2*	*Pittslvania Co. & City of Danville, Va*	*18.0*	—
42B: Elsinboro sandy loam, 2 to 7 percent slopes	Elsinboro	70-100	Stream terraces	No	—	Pittslvania Co. & City of Danville, Va	11.5	—
W: Water	Water	100	—	Unranked	—	Pittslvania Co. & City of Danville, Va	100.2	—

Data Source Information

Soil Survey Area: Pittsylvania County and the City of Danville, Virginia
Survey Area Data: Version 14, Sep 14, 2021

Shockoe Creek-Banister River

Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)	County Soil Maps	Shockoe Creek-Banister River (Acres)	Project Area (Acres)
3A: Delanco fine sandy loam, 0 to 2 percent slopes, rarely flooded	Delanco-Rarely flooded	85	Stream terraces	No	—	Pittslvania Co. & City of Danville, Va	138.0	—
	Hatboro-Frequently flooded	8	Flood plains	Yes	2			
3B: Delanco fine sandy loam, 2 to 7 percent slopes	Delanco	90	Stream terraces	No	—	Pittslvania Co. & City of Danville, Va	23.7	—
4B: Clifford sandy loam, 2 to 7 percent slopes	Clifford	85-100	Interfluves	No	—	Pittslvania Co. & City of Danville, Va	151.2	—
4C: Clifford sandy loam, 7 to 15 percent slopes	Clifford	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	7.4	—
5B3: Clifford sandy clay loam, 2 to 7 percent slopes, severely eroded	Clifford-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	794.7	—
5C3: Clifford sandy clay loam, 7 to 15 percent slopes, severely eroded	Clifford-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	531.0	—
7A: Codorus loam, 0 to 2 percent slopes, occasionally flooded	Codorus-Occasionally flooded	85	Flood plains	No	—	Pittslvania Co. & City of Danville, Va	440.1	—
	Hatboro-Frequently flooded	3	Flood plains	Yes	2			
8A: Codorus-Comus complex, 0 to 2 percent slopes, frequently flooded	Codorus-Frequently flooded	55	Flood plains	No	—	Pittslvania Co. & City of Danville, Va	597.0	—
	Comus-Frequently flooded	35	Flood plains	No	—			
	Hatboro-Frequently flooded	2	Flood plains	Yes	2			
9B: Lackstown fine sandy loam, 2 to 7 percent slopes	Lackstown	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	2,201.5	—
	Wet spots	5	Depressions	Yes	2			
	Leaksville	3	Depressions	Yes	2			
9C: Lackstown fine sandy loam, 7 to 15 percent slopes	Lackstown	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	600.2	—
	Wet spots	5	Depressions	Yes	2			
16B: Halifax sandy loam, 2 to 7 percent slopes	Halifax	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	3.0	—
17B: Yadkin loam, 2 to 7 percent slopes	Yadkin	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	6.9	—
18B3: Yadkin clay loam, 2 to 7 percent slopes, severely eroded	Yadkin-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	89.5	—
18C3: Yadkin clay loam, 7 to 15 percent slopes, severely eroded	Yadkin-Severely eroded	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	49.9	—
20B: Leaksville silt loam, 0 to 4 percent slopes	*Leaksville*	*90*	*Depressions*	*Yes*	*2*	*Pittslvania Co. & City of Danville, Va*	*437.9*	—
21D: Poplar Forest fine sandy loam, 15 to 25 percent slopes	Poplar Forest	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	143.1	—
22B: Bentley sandy loam, 2 to 7 percent slopes	Bentley	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	179.9	—
22C: Bentley sandy loam, 7 to 15 percent slopes	Bentley	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	6.0	—
23B: Clover fine sandy loam, 2 to 7 percent slopes	Clover	85	Hillslopes	No	—	Pittslvania County and the City of	2,920.2	11.8
	Leaksville	3	Depressions	Yes	2			
23C: Clover fine sandy loam, 7 to 15 percent slopes	Clover	85	Hillslopes	No	—	Pittslvania County and the City of	2,130.8	0.00
	Leaksville	3	Depressions	Yes	2			
23D: Clover fine sandy loam, 15 to 25 percent slopes	Clover	85	Hillslopes	No	—	Pittslvania County and the City of	201.1	—
	Leaksville	3	Depressions	Yes	2			
24B: Meadows gravelly loam, 2 to 7 percent slopes	Meadows	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	775.3	—

24C: Meadows gravelly loam, 7 to 15 percent slopes	Meadows	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	194.4	—
26D: Fairview fine sandy loam, 15 to 25 percent slopes	Fairview	80-100	Ridges,interfluves	No	—	Pittslvania Co. & City of Danville, Va	44.6	—
28C: Pinkston cobbly sandy loam, 7 to 15 percent slopes	Pinkston	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	1,435.2	—
28D: Pinkston cobbly sandy loam, 15 to 35 percent slopes	Pinkston	85	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	540.7	—
29C: Pinkston-Clover complex, 7 to 15 percent slopes, very stony	Pinkston-Very stony	50	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	357.1	—
	Clover-Very stony	40	Hillslopes	No	—			
29D: Pinkston-Clover complex, 15 to 35 percent slopes, very stony	Pinkston-Very stony	60	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	279.9	—
	Clover-Very stony	30	Hillslopes	No	—			
29E: Pinkston-Clover complex, 35 to 50 percent slopes, very stony	Pinkston-Very stony	60	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	718.8	—
	Clover-Very stony	30	Hillslopes	No	—			
33A: Dan River silt loam, 0 to 2 percent slopes, occasionally flooded	Dan River-Occasionally flooded	85	Flood plains	No	—	Pittslvania Co. & City of Danville, Va	200.1	—
	Hatboro-Frequently flooded	5	Flood plains	Yes	2			
34B: Sheva fine sandy loam, 2 to 7 percent slopes	Sheva	70-100	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	1,243.6	—
	Leaksville	4	Depressions	Yes	2			
34C: Sheva fine sandy loam, 7 to 15 percent slopes	Sheva	50-100	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	559.2	—
35B: Pfafftown sandy loam, 0 to 4 percent slopes, rarely flooded	Pfafftown-Rarely flooded	70-100	Stream terraces	No	—	Pittslvania Co. & City of Danville, Va	84.9	—
36B: Stoneville silt loam, 2 to 7 percent slopes	Stoneville	60-100	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	68.4	—
36C: Stoneville silt loam, 7 to 15 percent slopes	Stoneville	60-100	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	17.4	—
36D: Stoneville silt loam, 15 to 25 percent slopes	Stoneville	60-100	Hillslopes	No	—	Pittslvania Co. & City of Danville, Va	9.6	—
38A: Comus fine sandy loam, 0 to 2 percent slopes, occasionally flooded	Comus-Occasionally flooded	85	Flood plains	No	—	Pittslvania Co. & City of Danville, Va	224.8	—
41A: Hatboro silt loam, 0 to 2 percent slopes, frequently flooded	*Hatboro-Frequently flooded*	*70-100*	*Flood plains*	*Yes*	*2*	*Pittslvania Co. & City of Danville, Va*	*161.7*	—
42B: Elsinboro sandy loam, 2 to 7 percent slopes	Elsinboro	70-100	Stream terraces	No	—	Pittslvania Co. & City of Danville, Va	59.0	—
W: Water	Water	100	—	Unranked	—	Pittslvania Co. & City of Danville, Va	182.0	—

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