

Headwaters Yellow River
Watershed Management Plan

APPENDIX

A

SOIL ASSOCIATIONS

Soil Association	Percentage (%) of the watershed
Ackerman muck, drained, 0 to 1 percent slopes	0.01
Adrian muck, drained, 0 to 1 percent slopes	0.28
Adrian muck, undrained, 0 to 1 percent slopes	0.02
Antung muck, drained, 0 to 1 percent slopes	0.15
Antung muck, undrained, 0 to 1 percent slopes	0.00
Aubbeenaubbee fine sandy loam, moderately permeable substratum, 0 to 2 percent slopes	0.28
Barry loam	3.23
Baugo silt loam, 0 to 1 percent slopes	0.79
Boyer loamy sand, 1 to 6 percent slopes	0.23
Boyer loamy sand, 6 to 12 percent slopes	0.02
Brady sandy loam	0.55
Brady sandy loam, 0 to 1 percent slopes	1.49
Brems-Morocco loamy sands, 0 to 1 percent slopes	0.34
Bristol loamy sand, 0 to 2 percent slopes	0.03
Bristol loamy sand, 2 to 5 percent slopes	0.03
Bronson sandy loam, 0 to 1 percent slopes	0.59
Bronson sandy loam, 0 to 2 percent slopes	0.49
Brookston loam, 0 to 1 percent slopes	14.07
Carmi loam, 0 to 2 percent slopes	0.23
Cohoctah loam, 0 to 1 percent slopes, frequently flooded, brief duration	0.01
Coloma loamy sand, 0 to 6 percent slopes	0.13
Coloma loamy sand, 6 to 12 percent slopes	0.01
Coloma sand, 2 to 5 percent slopes	0.23
Coloma sand, 5 to 10 percent slopes	0.13
Crosier loam, 0 to 1 percent slopes	22.07
Crosier loam, 1 to 4 percent slopes	1.36
Crumstown fine sandy loam, 0 to 1 percent slopes	0.29
Crumstown fine sandy loam, 1 to 5 percent slopes	0.64
Del Rey silt loam	0.03
Del Rey silty clay loam, 0 to 1 percent slopes	0.14
Edselton muck, drained, 0 to 1 percent slopes	0.01
Edselton muck, undrained, 0 to 1 percent slopes	0.00
Edwards muck, drained	0.00
Edwards muck, drained, 0 to 1 percent slopes	0.06
Edwards muck, undrained, 0 to 1 percent slopes	0.01
Elston sandy loam, 0 to 2 percent slopes	0.24
Gilford mucky sandy loam, 0 to 1 percent slopes	1.32
Gilford mucky sandy loam, gravelly substratum	0.12
Gilford sandy loam, 0 to 1 percent slopes	0.10
Gilford sandy loam, gravelly substratum	0.31
Gravelton loamy sand, occasionally flooded	0.00
Henrietta muck, drained, 0 to 1 percent slopes	0.08
Hillsdale sandy loam, 0 to 1 percent slopes	0.04
Hillsdale sandy loam, 1 to 5 percent slopes	0.54
Hillsdale-Oshtemo sandy loams, 10 to 18 percent slopes, eroded	0.04
Hillsdale-Oshtemo sandy loams, 5 to 10 percent slopes, eroded	0.19
Histosols and Aquolls	0.03
Histosols, 0 to 1 percent slopes, ponded	0.00
Homer sandy loam	0.33
Houghton muck, drained	0.50
Houghton muck, drained, 0 to 1 percent slopes	2.20
Houghton muck, undrained	0.04
Houghton muck, undrained, 0 to 1 percent slopes	0.49
Kosciusko sandy clay loam, 8 to 15 percent slopes, severely eroded	0.04
Kosciusko sandy loam, 0 to 2 percent slopes	0.27
Kosciusko sandy loam, 18 to 30 percent slopes	0.00
Kosciusko sandy loam, 2 to 6 percent slopes	0.37
Kosciusko sandy loam, 6 to 12 percent slopes	0.00

Linkville sandy loam, 0 to 1 percent slopes	0.76
Linkville sandy loam, 1 to 4 percent slopes	0.13
Madaus muck, drained, 0 to 1 percent slopes	0.01
Martinsville loam, 0 to 1 percent slopes	0.30
Martinsville loam, 1 to 5 percent slopes, eroded	0.28
Martinsville loam, 5 to 10 percent slopes, eroded	0.00
Martinsville sandy loam, 0 to 2 percent slopes	0.14
Martinsville sandy loam, 2 to 6 percent slopes	0.01
Martisco muck, drained, 0 to 1 percent slopes	0.01
Maumee loamy sand, 0 to 1 percent slopes	0.00
Maumee mucky loamy fine sand, 0 to 1 percent slopes	0.02
Maxinkuckee muck, drained, 0 to 1 percent slopes	0.04
Metea loamy sand, 0 to 2 percent slopes	0.00
Metea loamy sand, 2 to 6 percent slopes	0.03
Miami clay loam, 10 to 18 percent slopes, severely eroded	0.02
Miami clay loam, 5 to 10 percent slopes, severely eroded	0.30
Miami loam, 5 to 10 percent slopes, eroded	0.04
Milford silty clay loam, 0 to 1 percent slopes	1.40
Morocco loamy sand, 0 to 1 percent slopes	0.00
Moston muck, drained, 0 to 1 percent slopes	0.10
Moston muck, undrained, 0 to 1 percent slopes	0.01
Muskego muck, drained, 0 to 1 percent slopes	0.20
Muskego muck, undrained, 0 to 1 percent slopes	0.02
Newton loamy fine sand, 0 to 1 percent slopes	0.01
Ormas loamy sand, 0 to 2 percent slopes	0.71
Ormas loamy sand, 2 to 6 percent slopes	0.22
Ormas loamy sand, 6 to 12 percent slopes	0.01
Oshtemo fine sandy loam, 0 to 1 percent slopes	0.02
Oshtemo fine sandy loam, 1 to 5 percent slopes	0.02
Oshtemo fine sandy loam, 10 to 18 percent slopes	0.00
Oshtemo fine sandy loam, 5 to 10 percent slopes, eroded	0.02
Oshtemo sandy loam, 0 to 1 percent slopes	1.10
Oshtemo sandy loam, 1 to 5 percent slopes	1.20
Oshtemo sandy loam, 10 to 18 percent slopes	0.03
Oshtemo sandy loam, 5 to 10 percent slopes, eroded	0.42
Osolo loamy sand, 0 to 1 percent slopes	0.01
Osolo loamy sand, 1 to 5 percent slopes	0.13
Owosso sandy loam, 0 to 2 percent slopes	0.58
Palms muck, drained	0.18
Palms muck, drained, 0 to 1 percent slopes	0.67
Palms muck, gravelly substratum, drained	0.53
Palms muck, undrained, 0 to 1 percent slopes	0.12
Pinhook sandy loam, 0 to 2 percent slopes	0.61
Pits, gravel	0.08
Plainfield sand, 0 to 2 percent slopes	0.03
Plainfield sand, 12 to 18 percent slopes	0.01
Plainfield sand, 2 to 6 percent slopes	0.04
Psammaquents	0.05
Psamments	0.04
Rensselaer loam	1.00
Rensselaer loam, 0 to 1 percent slopes	9.25
Rensselaer mucky loam, 0 to 1 percent slopes	0.17
Riddles fine sandy loam, 0 to 2 percent slopes	0.11
Riddles fine sandy loam, 2 to 6 percent slopes	0.08
Riddles-Metea complex, 1 to 5 percent slopes	0.94
Riddles-Metea complex, 10 to 18 percent slopes, eroded	0.08
Riddles-Metea complex, 5 to 10 percent slopes, eroded	0.92
Riddles-Ormas-Kosciusko complex, 2 to 6 percent slopes	0.05
Riddles-Oshtemo fine sandy loams, 0 to 1 percent slopes	2.53

Riddles-Oshtemo fine sandy loams, 1 to 5 percent slopes	6.52
Riddles-Oshtemo fine sandy loams, 5 to 10 percent slopes, eroded	0.11
Sebewa loam, drained, 0 to 1 percent slopes	1.06
Sebewa mucky loam	0.66
Selfridge-Brems complex, 1 to 4 percent slopes	0.03
Selfridge-Brems loamy sands, 1 to 4 percent slopes	0.04
Selfridge-Crosier complex, 0 to 1 percent slopes	0.99
Shipshe sandy loam, 0 to 2 percent slopes	1.80
Shipshe sandy loam, 2 to 6 percent slopes	0.01
Southwest silt loam, 0 to 1 percent slopes	0.22
Toledo silty clay	0.06
Troxel silt loam, 0 to 1 percent slopes	0.19
Tyner loamy sand, 0 to 1 percent slopes	0.08
Tyner loamy sand, 1 to 5 percent slopes	0.11
Tyner loamy sand, 5 to 10 percent slopes	0.06
Udorthents, loamy	0.06
Udorthents, rubbish	0.14
Udorthents-Urban land complex	0.01
Urban land-Brady complex, 0 to 1 percent slopes	0.02
Urban land-Brems-Morocco complex, 0 to 1 percent slopes	0.01
Urban land-Bronson complex, 0 to 1 percent slopes	0.00
Urban land-Brookston complex, 0 to 1 percent slopes	0.06
Urban land-Coloma complex, 2 to 5 percent slopes	0.06
Urban land-Coloma complex, 5 to 10 percent slopes	0.01
Urban land-Crosier complex, 0 to 3 percent slopes	0.42
Urban land-Gilford complex, 0 to 1 percent slopes	0.03
Urban land-Oshtemo complex, 0 to 1 percent slopes	0.03
Urban land-Oshtemo complex, 1 to 5 percent slopes	0.01
Urban land-Oshtemo complex, 5 to 10 percent slopes	0.00
Urban land-Rensselaer complex, 0 to 1 percent slopes	0.09
Urban land-Riddles-Metea complex, 1 to 5 percent slopes	0.05
Urban land-Riddles-Metea complex, 10 to 18 percent slopes	0.00
Urban land-Riddles-Metea complex, 5 to 10 percent slopes	0.01
Urban land-Riddles-Oshtemo complex, 0 to 1 percent slopes	0.08
Urban land-Riddles-Oshtemo complex, 1 to 5 percent slopes	0.03
Urban land-Tyner complex, 0 to 1 percent slopes	0.05
Urban land-Tyner complex, 1 to 5 percent slopes	0.02
Urban land-Tyner complex, 5 to 10 percent slopes	0.00
Urban land-Whitaker complex, 0 to 1 percent slopes	0.02
Washtenaw loam, gravelly substratum	0.01
Washtenaw silt loam, 0 to 2 percent slopes	0.09
Water	0.50
Waterford loam, 0 to 2 percent slopes, frequently flooded, long duration	0.03
Waterford-Cohoctah loams, 0 to 2 percent slopes, frequently flooded, brief duration	0.61
Wawasee fine sandy loam, 2 to 6 percent slopes	0.07
Wawasee fine sandy loam, 6 to 12 percent slopes, eroded	0.00
Wawasee sandy clay loam, 12 to 18 percent slopes, severely eroded	0.01
Wawasee sandy loam, 2 to 6 percent slopes	0.38
Wawasee sandy loam, 6 to 12 percent slopes, eroded	0.15
Whitaker loam	0.28
Whitaker loam, 0 to 1 percent slopes	3.10
Williamstown loam, 0 to 1 percent slopes	0.09
Williamstown loam, 1 to 5 percent slopes, eroded	0.15
Williamstown loam, 5 to 10 percent slopes, eroded	0.01
Williamstown-Crosier complex, 1 to 5 percent slopes	0.06
Williamstown-Crosier loams, 1 to 5 percent slopes	0.12
Williamstown-Moon complex, 1 to 5 percent slopes	0.06
Wunabuna silt loam, drained, 0 to 1 percent slopes	0.11