

Appendix H – UCD Wind River Watershed Identified Projects List

The table below includes projects on the Underwood Conservation District’s project list. These projects are concepts and possibilities, not necessarily proposed or planned, and are therefore subject to change. Some projects overlap with those identified as part of the current restoration strategy effort.

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Table 1. UCD Wind River Watershed Identified Projects List.

NOTE: These projects are concepts and possibilities, not necessarily proposed or planned. They are listed in geographic order starting at the mouth of the Wind River, going upstream.

Project Name	Watershed	Lat/Long	River Mile (RM) (approx.)	Reach	Ownership	Parcel #	Project Type	Project Description	Source Document	Limiting Factors	Habitat Benefits	Notes
Invasive Species Boat-Cleaning Station	Lower Wind River	45.7175, -121.7890	RM 0	Wind 1	Skamania County	3082700080100	Invasive species prevention	An invasive species cleaning station should be installed in conjunction with new Wind River Boat Launch.	UCD Watershed Enhancement Projects (WEP) List (Dec. 2012)	Aquatic invasive species	Prevention of habitat loss	
Little Wind River Habitat Enhancement (Phase IV) -- or -- Middle Little Wind River	Little Wind River	45.7315, -121.7834	RM 0.5 - 2.0	Little Wind 1	Eubank, Gundersen, and USFS	3082230020000, 03082240010000	Instream habitat	Logs, ELJs or other habitat features and planting	Little Wind River Watershed Restoration Assessment, Project and Prioritization Recommendations (Bair/UCD, 2009); and UCD landowner conversations, ongoing	Lack of large woody debris (LWD), pools and spawning gravel	Gravel capture to create and sustain spawning habitat; in-stream habitat complexity	This is a component of the Little Wind River Habitat Enhancement Project, Phase 4 (L1) project identified in the Wind River Habitat Strategy.
McNee Riparian Reforestation	Martha Creek	45.7951, -121.9240	RM 0.5-0.9	Martha Creek	McNee, Skamania County	4072700200000, 04073500040000, 04073500040100	Bank stability, Riparian forestry	Assess previous planting, instream bank erosion, areas of scour	UCD Fish Passage Inventory 2014-16	unstable bank, scour	stabilize bank, recruit LWD/gravels, provide large wood recruitment and shading	This is a component of the Martha (M1) project identified in the Wind River Habitat Strategy.

Project Name	Watershed	Lat/Long	River Mile (RM) (approx.)	Reach	Ownership	Parcel #	Project Type	Project Description	Source Document	Limiting Factors	Habitat Benefits	Notes
Middle Wind Reforestation	Middle Wind River	45.8225, -121.9187	RM 13	Wind 5a	Multiple, including potentially Little Church of the Valley, Dix, Miller, Sandberg and O'Leary	4072300010100, 04072300010000, 04072211010300, 04072211010100, 04071400100000	Riparian planting, possibly LWD/bank protection	Remove Scotch broom, long-term weed management plan, riparian and floodplain plantings	UCD WEP List (Dec. 2012)	Loss of riparian forest	Future wood recruitment, bank stability	This is a component of the Stabler Bend (W5) project identified in the Wind River Habitat Strategy.
Stabler Bend Side Channel	Middle Wind River	45.8245, -121.9202	RM 13	Wind 5a	Little Church of the Valley	4071400100000	Side channel reactivation	Open relic channel into active side channel	observation	Lack of habitat complexity, Lack of off-channel refugia	Increased habitat complexity, floodplain connectivity, and storm over-flow capacity	This is a component of the Stabler Bend (W5) project identified in the Wind River Habitat Strategy.
Jurzik Cutbank	Middle Wind River	45.8283, -121.9284	RM 13.5	Wind 5a	Jurzik, Betton-Grilley	4071500050300	Bank stability	Bank stabilization/engineering, revegetation and other habitat features	UCD WEP List (Dec. 2012)	Unstable bank	Reduce sedimentation, provide bank stability for mature vegetation, and instream channel complexity	This is a component of the Whisky (W7) project identified in the Wind River Habitat Strategy.
Whisky Creek	Whisky Creek / Middle Wind	45.8282, -121.9299	RM 0.2	Whisky Creek	Punton, Betton-Grilley, Shumsky	04071500050600, 04071500050500, 04071500050400	Multiple habitat projects (fish passage, enhancement at confluence)	Couple potential, related projects in a complex on Whisky Creek: the Betton-Grilley cutbank, habitat improvement needs at mouth of Whisky Creek, two culverts on Whisky Creek	UCD WEP List (Dec. 2012)	Fish passage barrier, unstable banks	Fish passage, Potential LWD	One landowner previously opposed culvert replacement.

Project Name	Watershed	Lat/Long	River Mile (RM) (approx.)	Reach	Ownership	Parcel #	Project Type	Project Description	Source Document	Limiting Factors	Habitat Benefits	Notes
Hollis Creek Barrier Removal	Hollis Creek	45.841, -121.93941	RM 0.20	Hollis Creek	Skamania County		Barrier removal	Replace barrier culvert on Hollis Creek under the Wind River Hwy.	UCD Fish Passage Inventory 2014-16	culvert is a 100% passage barrier due to slope and outfall drop	reconnection of approx. 1.2 miles of quality rearing habitat	Although the road and culvert are county-owned, the Birkenfelds own the parcels immediately upstream and downstream of the culvert.
Hollis Creek Debris Removal and Bank Stabilization	Hollis Creek	45.847712, -121.93527	RM 0.8	Hollis Creek	USFS	4070000010000	Debris removal, bank stabilization	remove concrete and metal debris from streambed, address high cut bank	UCD Fish Passage Inventory 2014-16	unstable bank, debris instream	stabilize bank, remove debris instream	Potential access road beginning at Wind River Hwy, crossing Birkenfeld parcel and ending on USFS property, approximately 130 ft from the stream.
Price-Misner Reforestation	Middle Wind River	45.8482, -121.9572	RM 15.6	Wind 5c	Hollis, USFS (formerly Misner and Price)	4070900050000, 04070900040000	Riparian planting, possibly LWD/bank protection	Assess previous work for effectiveness and follow-up: Evaluate instream structures' streambank effects (measure bank geometry vs control sites up- or down-stream), and evaluation/planting of native conifers	UCD WEP List (Dec. 2012)	Loss of riparian forest; lack of instream channel stability and complexity; wide and shallow channel increases stream temps.	Future wood recruitment, bank stability, instream channel stability and complexity	This is a component of the Stump House (W9) project identified in the Wind River Habitat Strategy.
Beaver Campground Berm	Middle Wind River	45.8550, -121.9585	RM 16.7	Wind 5c	USFS	4070000010000	Bank restoration and channel complexity	Remove concrete berms, stabilize bank with bioengineering, and provide vegetation and other habitat features	observation	Bank armoring	Riparian planting; instream habitat complexity	This is a component of the Beaver Campground (W10) project identified in the Wind River Habitat Strategy.