

Table 1. Listing of Upper Grande Ronde/Catherine Creek CHaMP sites with recent stream restoration actions. These actions may account for abrupt changes in channel morphology and associated habitat metrics generated from those surveys.

Site ID	Stream Name	Restoration Type	Restoration Year	Intentional AEM?	Notes
CBW05583-071770	Grande Ronde River	Boulder check dams & livestock water development	1991	No	
CBW05583-073130	South Fork Catherine Creek	LWD Additions	2011	No	LWD placed along 4.3 miles of the South Fork of Catherine Creek adjacent to decommissioned road
CBW05583-086186	Catherine Creek	Channel Reconstruction/LWD/Plantings	2012	Yes	Pre/Post monitoring of a complete channel restructuring that occurred in 2012, just after initial CHaMP Sampling
CBW05583-092986	Fly Creek	Riparian enclosure fence / livestock water	1995	No	
CBW05583-108010	Limber Jim Creek	LWD Additions	2017	No	
CBW05583-147626	Catherine Creek	Channel Reconstruction/LWD/Plantings	2014	Yes	Pre/Post monitoring of a complete channel restructuring that occurred one year after initial CHaMP Sampling
CBW05583-252730	Meadow Creek	Land/stream lease & riparian enclosure fencing	1993	No	
CBW05583-253354	North Fork Catherine Creek	Plant and build barriers or fences to rehabilitate reconstructed recreation sites	2004	No	
CBW05583-278698	Catherine Creek	Channel Reconstruction/LWD/Plantings	2014	Yes	Pre/Post monitoring of a complete channel restructuring that occurred one year after initial CHaMP Sampling
CBW05583-294202	West Chicken Creek	Pre-commercial thinning of riparian/upland timber stands	1999	No	
CBW05583-340138	Catherine Creek	In-stream Fish Ladder	2004	No	
CBW05583-430250	Catherine Creek	Streambank stabilization & sewage treatment plant protection, fish passage structure improvement, spring chinook rearing channel improvement	1998	No	
CBW05583-449626	Spring Creek	Riparian enclosure fencing & planting / log weirs	1990	No	
CBW05583-486202	Grande Ronde River	Instream placement of whole trees	1995	No	
CBW05583-491690	Catherine Creek	Streambank rock barbs & plantings	1995	No	
CBW05583-491690	Catherine Creek	LWD Additions/Side-Channel	2013		
CBW05583-498490	Meadow Creek	Land/stream lease / riparian enclosure fencing & planting / boulder placement / log weirs / large organic material / removable fish ladder	1997	No	Meadow Creek - ODFW/BPA Fish Habitat / Blue Mt CBA
dsgn4-000093	Meadow Creek	LWD Additions/Planting/Riparian Fencing	2014	Yes	pre/post monitoring. Sites are part of a larger AEM and grazing-related study in Starkey Experimental Forest in Union Co., OR.
dsgn4-000168	North Fork Catherine Creek	Bridge Installation	2013	No	A hardened stream ford was replaced by a full-span bridge. Installed in 2013 prior to champ sampling
dsgn4-000204	Catherine Creek	Streambank stabilization & sewage treatment plant protection, fish passage structure improvement, spring chinook rearing channel improvement	1998	No	
ORW03446-059352	Clark Creek	Replace deficient bridge	1998	No	

ORW03446-101560	Meadow Creek	LWD Additions/Planting/Riparian Fencing	2014	Yes	pre/post monitoring. Sites are part of a larger AEM and grazing-related study in Starkey Experimental Forest in Union Co., OR.
ORW03446-125832	Meadow Creek	LWD Additions/Planting/Riparian Fencing	2014	Yes	pre/post monitoring. Sites are part of a larger AEM and grazing-related study in Starkey Experimental Forest in Union Co., OR.
ORW03446-137980	Catherine Creek	natural boulder placement / instream habitat enhancement: anchored structures	2003	No	
Stky-P2-Cntrl	Meadow Creek	LWD Additions/Planting/Riparian Fencing	2014	Yes	pre/post monitoring. Sites are part of a larger AEM and grazing-related study in Starkey Experimental Forest in Union Co., OR.
Stky-P2-Ex1	Meadow Creek	LWD Additions/Planting/Riparian Fencing	2014	Yes	pre/post monitoring. Sites are part of a larger AEM and grazing-related study in Starkey Experimental Forest in Union Co., OR.
Stky-P2-Ex2	Meadow Creek	LWD Additions/Planting/Riparian Fencing	2014	Yes	pre/post monitoring. Sites are part of a larger AEM and grazing-related study in Starkey Experimental Forest in Union Co., OR.
Stky-P2-Ex3	Meadow Creek	LWD Additions/Planting/Riparian Fencing	2014	Yes	pre/post monitoring. Sites are part of a larger AEM and grazing-related study in Starkey Experimental Forest in Union Co., OR.
Stky-P3-Ex1	Meadow Creek	LWD Additions/Planting/Riparian Fencing	2014	Yes	pre/post monitoring. Sites are part of a larger AEM and grazing-related study in Starkey Experimental Forest in Union Co., OR.
Stky-P3-Ex2	Meadow Creek	LWD Additions/Planting/Riparian Fencing	2014	Yes	pre/post monitoring. Sites are part of a larger AEM and grazing-related study in Starkey Experimental Forest in Union Co., OR.
Stky-P3-Ex3	Meadow Creek	LWD Additions/Planting/Riparian Fencing	2014	Yes	pre/post monitoring. Sites are part of a larger AEM and grazing-related study in Starkey Experimental Forest in Union Co., OR.
Stky-P5-Ex1	Meadow Creek	LWD Additions/Planting/Riparian Fencing	2014	Yes	pre/post monitoring. Sites are part of a larger AEM and grazing-related study in Starkey Experimental Forest in Union Co., OR.
Stky-P5-Ex2	Meadow Creek	LWD Additions/Planting/Riparian Fencing	2014	Yes	pre/post monitoring. Sites are part of a larger AEM and grazing-related study in Starkey Experimental Forest in Union Co., OR.
Stky-P5-Ex3	Meadow Creek	LWD Additions/Planting/Riparian Fencing	2014	Yes	pre/post monitoring. Sites are part of a larger AEM and grazing-related study in Starkey Experimental Forest in Union Co., OR.