

# Appendices

## Appendix A.

List of restoration projects completed in the MFIMW study area. Restoration activities include both active restoration, including “on-the-ground” or “dirt-moving” activities, and passive restoration, which involves changes to management practices and use of landscapes.

Restoration Project Name	Lead Entity <sup>1</sup>	Year Completed	Restoration Activity <sup>2</sup>	Total Cost
Clear Creek above MFJDR	TFT	2006	FI	\$100,000
Clear Creek above MFJDR	TFT	2006	FI	\$100,000
MFJDR above NFJDR	TFT	2006	FI	\$100,000
MFJDR above NFJDR	TFT	2006	FI	\$100,000
MFJDR above NFJDR	TFT	2006	FI	\$100,000
MFJDR above NFJDR	TFT	2006	FI	\$100,000
Vinegar Creek above MFJDR	TFT	2006	FI	\$100,000
Big Boulder Channel Relocation	TNC	2008	CR; FR; IHI	\$300,000
FCA CREP	CTWSRO	2008	RM	Not Available
Forrest Dead Cow Gulch realignment	CTWSRO	2008	CR; FR; IHI	\$38,430
OCA CREP	CTWSRO	2008	RM	Not Available
Placer to Davis	CTWSRO	2008	IHI; FR	\$115,000
Vinegar Creek	CTWSRO	2008	RM; UM	\$5,500
Holmes Ditch Diversion	GCSWCD	2008	FP	\$118,112
Davis Creek above MFJDR	TFT	2008	FI	Not Available
TNC Log Jams	TNC	2008	CR; IHI	Not Available
TNC Pine plantings	TNC	2008	RM	Not Available
Beaver 2 aquatic organism passage	USFS	2008	FP	Not Available
Upper Beaver Culvert Replacement	USFS	2008	FP	\$132,900
FCA Instream Habitat Project (CTWSRO Phase I)	CTWSRO	2009	IHI; RM	\$137,788
MFJDR Instream Habitat Imp. (Beaver to Ragged)	CTWSRO	2009	IHI; RM; FR	\$201,005
Stream gravel bar	CTWSRO	2009	CR; FR; IHI	Not Available
Bridge 2 aquatic organism passage	DOT	2009	FP	\$200,000
Bridge aquatic organism passage	DOT	2009	FP	\$200,000
NF Bridge 1 aquatic organism passage	DOT	2009	FP	\$200,000
Butte Creek Culvert Replacement	NFJDWC	2009	FP	\$167,070
MFJD Channel Relocation Restoration Reach 2	TFT	2009	IHI; RM; CR; FR; BS	\$403,072
Beaver 1 aquatic organism passage	USFS	2009	FP	\$65,000
Camp Creek Weir Modification	USFS	2009	FP; IHI	\$5,000
Cougar 1 aquatic organism passage	USFS	2009	FP	\$98,300
Granite Boulder 1 aquatic organism passage	USFS	2009	FP	\$144,000
Lick 1 aquatic organism passage	USFS	2009	FP	\$90,000
Lick 2 aquatic organism passage	USFS	2009	FP	\$70,000
RPB Historic Channel Reconnection Reach II & LWD	USFS	2009	IHI	Not Available

Restoration Project Name	Lead Entity <sup>1</sup>	Year Completed	Restoration Activity <sup>2</sup>	Total Cost
Vincent Creek Fish Screen	ODFW	2010	FP	\$40,633
MFJD Channel Relocation Restoration Reach 1	TFT	2010	IHI; RM; CR; FR; BS	\$403,072
Big Boulder Creek (Zaits)	TNC	2010	FP	\$300,000
TNC and Boulder Creek Ranch Aquatics	TNC	2010	IHI; RM; CR; FR; BS	\$386,009
Bridge 3 aquatic organism passage	USFS	2010	FP	Not Available
Bridge 4 aquatic organism passage	USFS	2010	FP	\$300,000
Bridge Creek Culvert Replacements	USFS	2010	FP	Not Available
Camp 3 aquatic organism passage	USFS	2010	FP	\$50,000
Cougar 2 aquatic organism passage	USFS	2010	FP	\$60,000
MFJD Historic Meander Reconnection, Reach 1	USFS	2010	CR; IHI	\$914,000
West Fork Lick 1 aquatic organism passage	USFS	2010	FP	\$300,000
OCA Tailings Restoration - Phase 1	CTWSRO	2011	IHI; RM; CR	\$899,700
Upper Middle Fork Allotment Improvements Phase I	NFJDWC	2011	RM	\$146,672
Camp 2 aquatic organism passage	USFS	2011	FP	\$152,710
Camp and Lick Creek Log Weir Removal Phase II	USFS	2011	FP; IHI	\$104,500
Camp Creek aquatic organism passage	USFS	2011	FP	\$10,000
Charlie aquatic organism passage	USFS	2011	FP	\$60,000
Eagle aquatic organism passage	USFS	2011	FP	\$60,000
Shoeberg aquatic organism passage	USFS	2011	FP	\$70,000
FCA grazing, planting, & invasive control	CTWSRO	2012	RM; UM	\$108,200
OCA grazing, planting, & invasive control	CTWSRO	2012	RM	\$260,823
OCA Tailings Restoration - Phase 2	CTWSRO	2012	IHI; RM; CR; FR; BS	\$1,011,234
Big Rock aquatic organism passage	USFS	2012	FP	\$61,000
Camp Creek Reach 1 Exclosure	USFS	2012	RM	Not Available
Camp Creek Riparian Planting	USFS	2012	RM	\$7,000
Camp Creek Weir Modification	USFS	2012	FP	\$28,750
Cottonwood 1 aquatic organism passage	USFS	2012	FP	\$90,000
Little Trail aquatic organism passage	USFS	2012	FP	\$60,000
Shoeberg 2 aquatic organism passage	USFS	2012	FP	\$64,000
West Fork Camp Creek Weir Modification	USFS	2012	FP	\$28,750
Austin Ranch Voigt Diversion Headgate	CTWSRO	2013	FP	\$12,478
Upper Middle Fork Allotment Improvements Phase II	NFJDWC	2013	RM	\$74,007
Bates State Park restoration project	OPRD	2013	RM; IHI	\$176,658
Hawkins Creek above MFJDR	TFT	2013	FI	Not Available
Camp Creek Watershed LWD	USFS	2013	IHI	\$32,400

Restoration Project Name	Lead Entity <sup>1</sup>	Year Completed	Restoration Activity <sup>2</sup>	Total Cost
Placement Project				
MFJDR Channel Relocation Avulsion Repair	USFS	2013	IHI	\$63,866
WF Camp Creek Watershed LWD Placement Project	USFS	2013	IHI	\$32,400
OCA Tailings Restoration - Phase 3	CTWSRO	2014	IHI; CR; FR; BS; RM	\$1,540,773
RPB Easement Fence Installation	CTWSRO	2014	RM	\$85,000
Beaver Creek above MFJDR	TFT	2014	FI	Not Available
Caribou Creek above MFJDR	TFT	2014	FI	Not Available
Davis Creek above MFJDR	TFT	2014	FI	Not Available
Granite Boulder Creek above MFJDR	TFT	2014	FI	Not Available
Vincent Creek above MFJDR	TFT	2014	FI	Not Available
Vinegar Creek above MFJDR	TFT	2014	FI	Not Available
Vinegar Creek above MFJDR	TFT	2014	FI	Not Available
Middle Fork John Day Aspen Restoration	TNC	2014	UM	\$227,753
Camp 2014 LWD, Tree Felling and Weir Modification	USFS	2014	IHI; FP	\$74,900
Camp Creek Riparian Planting	USFS	2014	RM	\$3,000
NF Bridge 2 aquatic organism passage	USFS	2014	FP	\$56,671
Ragged aquatic organism passage	USFS	2014	FP	\$81,960
OCA Tailings Restoration - Phase 4	CTWSRO	2015	IHI; CR; FR; RM	\$446,558
Voigt - Clear Creek Diversion	CTWSRO	2015	FP	Not Available
Camp Creek coarse wood beaver dam analogues	USFS	2015	IHI	\$3,590
Davis aquatic organism passage	USFS	2015	FP	\$145,000
Middle fork John Day River Channel Relocation	USFS	2015	RM	\$15,000
Squaw aquatic organism passage	USFS	2015	FP	\$4,757
Squaw Creek Phase 1 Channel Reconstruction	USFS	2015	IHI; FP; CR	\$202,022
Windlass aquatic organism passage	USFS	2015	FP	\$95,000
Dunstan Preserve Low Flow Enhancement	CTWSRO	2015	CR; FR; IHI; BS	\$377,184
OCA Tailings Restoration - Phase 5	CTWSRO	2016	IHI; CR; FR; RM	\$1,884,098
Big Mosquito Phase 1	USFS	2016	IHI; RM	\$98,300
Camp Creek Headwaters Project	USFS	2016	IHI; RM; FR	\$98,390
Davis Creek LWD	USFS	2016	IHI	\$18,681
Deadwood aquatic organism passage	USFS	2016	FP	\$250,000
East Fork Big aquatic organism passage	USFS	2016	FP	\$131,450

<sup>1</sup>Lead Entity: See abbreviations list at beginning of document

<sup>2</sup>Restoration Activities: BS: Bank stabilization; CR: Channel reconfiguration; FP: Fish passage; FR: Floodplain reconnection; FI: Flow increase; IHI: Instream habitat improvement; RM: Riparian management; UM: Upland management