

DRAFT Walla Walla Basin Near-Term Project Actions List

Category	Project Name and Description	Funding Need (\$)	Total Project Cost (\$)	Sponsor(s): Please List Agency(s)
Floodplains, Habitat	Walla Walla Bridge to Bridge Phase 3 Design	\$9,750	\$65,000	TSS
	Touchet Mainstem-15 Restoration Project Design: LWD, floodplain protection and reconnection project, near Ward rd. off of Hwy 12 at end of City Dayton levee system. This funding is for design costs.	\$75,000	\$800,000	CCD
	Walla Walla River Restoration Design RM 30-25	\$37,500	\$250,000	WWCCD
	Cottonwood Creek Habitat Improvement Phase 2	\$22,500	\$150,000	WWCCD
	Touchet River Mile 42 Restoration Phase 1	\$75,000	\$500,000	WWCCD
	Touchet River Mile 42 Restoration Phase 2	\$150,000	\$1,000,000	WWCCD
	Touchet Main Stem Gailey Property Design	\$65,000	\$225,000	CTUIR
	Touchet Main Stem Gailey Property Restoration	\$75,000	\$500,000	CTUIR
	Touchet Main Stem Gailey Property Restoration Phase 2	\$75,000	\$500,000	CTUIR
	Yellowhawk Creek Fish Passage Improvement – Adkins and Stimmel Dams	\$50,000	\$50,000	CTUIR
	Walla Walla River Frenchtown Floodplain Reconnection and Habitat Improvements	\$90,000	\$600,000	CTUIR
	Smyth-Paup Mill Creek Habitat Improvements	\$90,000	\$600,000	CTUIR
	Walla Walla River Bridge to Bridge Phase 3	\$90,000	\$600,000	TSS
	Walla Walla River Bridge to Bridge Phase 4 Design	\$10,000	\$65,000	TSS
	Touchet River Mainstem Project 14 Design: LWD, floodplain protection and reconnection project, near Horseshoe Ln off of Hwy 12 at end of City Dayton levee system. This funding is for design costs including LIDAR assessment.	\$22,500	\$250,000	CCD
	Touchet River Mainstem Project 14 Restoration: Construction of floodplain activities- floodplain restoration, placement of LWD.	\$75,000	\$800,000	CCD
	Touchet River Mainstem Project 10 Restoration: LWD, floodplain protection and reconnection project off of Lower Hogeeye Rd and HWY 12.	\$75,000	\$500,000	CCD
	Mill Creek FbD Implementation- Phase 2	TBD		WWCCD
	Mill Creek FbD Implementation- Phase 3	TBD		WWCCD
	McNary Wildlife Refuge Habitat Design	\$15,000	\$150,000	CTUIR
	North Fork Walla Walla River Flood Plain and Habitat Restoration Project RM 3.6-4.3: This project is located on the North Fork Walla Walla River in an area that was devastated by the 2020 floods and its after effects.	\$296,462	\$576,844	WWBWC
	Couse Creek Low-Tech Process-Based Habitat and Floodplain Restoration Project	\$0	\$123,392	WWBWC
	Coppei Creek Project Area C-7 Implementation	\$100,000	\$100,000	WWCCD
	Capacity to assist implementor groups and decision makers: Assumes 2.5 FTE/year for facilitation, education, outreach	\$200,000		WWCCD, WWBWC, Snake River Salmon Recovery, Tri-State Steelheaders, Kooskooskie Commons, Lower WW River Group, Touchet Levee Group
	Mill Creek Floodplains by Design Assessment	\$100,000	\$711,300	WWCCD
	Mill Creek Fish Passage 5th and 6th Ave Bridges	\$3,000,000	\$5,700,000	City of WW, TSS
	Mill Creek Passage - Division to Roosevelt	\$2,000,000	\$3,750,000	TSS
	Mill Creek Passage - 6th Ave Extension	\$206,000	\$1,700,000	TSS
	Mill Creek Passage - Spokane to Park	\$206,000	\$2,100,000	TSS
	Mill Creek Passage Design - 3rd to Colville	\$195,760	\$195,760	TSS
	WDFW Mill Creek project implementor (0.5 FTE)	\$175,806	\$351,612	WDFW
	Developing Programs to Address Riparian Habitat in Urban Locations	\$160,000	\$160,000	WWCCD, Kooskooskie Commons
	Feasibility Study for WWRID Eastside POD change	TBD		WWRID, CTUIR
Mill Creek Gose Street Assessment and Design	\$182,112	\$214,250	TSS	
Mill Creek Gose Street Passage Implementation	\$2,500,000.00	\$700,000	TSS	
Bennington Dam Fish Ladder, Mill Creek Redesign and construction of a new fish ladder on the right bank of the Bennington Diversion Dam on Mill Creek.	\$0	\$8.7 Mill	Corps of Engineers	
Mill Creek Low Flow Channel: This project will create a low flow channel through the one mile federal leveed reach of Mill Creek. Project start in Oct. 2023. Construction estimated for 2024 fish window (July - Sept)	\$0	\$7.5 Mil	Corps of Engineers	

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Monitoring and Metering	Mill Creek PIT Tag Arrays	\$150,000	\$250,000	WDFW
	Monitoring (Fish Migration, Passage, and Habitat) - including PIT Tags, radio tags and/or telemetry equipment, and spawning ground surveys	\$175,000	Annual	WDFW, CTUIR, ODFW
	Hydrologic Data Assessment, Gathering, and Feasibility Analysis for Management and Protection of WWW 2050 Project Outcomes	\$100,000	\$100,000	CTUIR/Tri-Sov
	Touchet River PIT Array	\$150,000	\$150,000	WDFW
	Installation and operation of existing and requested new gages: evaluation of all discontinued ECY gages/locations, staff resources for data synthesis and sharing online	\$200,000	Ongoing	Ecology, OWRD
	Walla Walla OpenET: Installation of two new Eddy flux stations in the basin. The stations will aid in the validation of ET measurements made using OpenET. WSU AgWeatherNet would be able to install and manage the stations. Locations for the new stations will be determined by Ecology, OWRD, WSU, and landowners.	\$350,000	\$350,000	Ecology, OWRD
Water Policy and Management	Potential Water Management and Policy Improvements: Informed by Hydrologic Data Assessment, Gathering, and Feasibility Analysis for Management and Protection of WWW 2050 Project Outcomes (above under M&M)	TBD	TBD	CTUIR/Tri-Sov
	Update Floodplain Maps: Work with FEMA, USACE, and FEMA Cooperating Technical Partners (CTP) program to update 1980s flood hazard maps and other flood hazard information	\$0		Counties, Ecology, OWRD
	Funding new positions within local building and planning departments for code enforcement and public education	TBD		Counties, Ecology, OWRD
Streamflows, Groundwater, and Water Supply	MAR site monitoring: Monitoring needed at current sites, USGS study needed to inform future project siting	\$20,000		WWCCD, WWBWC
	Oregon MAR operations and maintenance at 17 existing recharge sites.	\$10,000	\$10,000	WWBWC
	City of Walla Walla update to ASR Well #5: This project will expand ASR well 5, reduce pressure benefits, reduce future piping, improve chlorine management and contribute to the source substitution low flow enhancement project on Mill Creek.	\$3,200,000	\$4,400,000	WWT, CTUIR, City of WW
	Long-term transition of City wells to ASR: The vision is to transition as many of City of Walla Walla wells as possible to ASR	\$7,000,000		City of Walla Walla
	Milton-Freewater ASR development	TBD	TBD - ~\$2-5 Million	City of Milton Freewater
	Funding next phase of Bi-State Flow Study Work- Ecology (this will be funded separately in Ecology's FY23-25 budget)	TBD		CTUIR, Ecology, OWRD
	Funding for staffing and monitoring at WWRID: to implement, infrastructure maintenance staff to keep debris out of system (0.5 - 0.75 FTE)	10000		OWRD, WWRID
	City of Walla Walla Solar farm: to provide power for pumping wells in summer, Net Zero - planning and assessment phase	\$100,000	Solar farm to make pumping Net Zero fight climate change	WWT, CTUIR, City of WW
	City of Walla Walla Solar farm: to provide power for pumping wells in summer, Net Zero - construction phase	\$2,400,000	Solar farm to make pumping Net Zero	WWT, CTUIR, City of WW
	Water Right Acquisition Project development - outreach to landowners, strategic planning, Basin Reviews, identify and select, staffing	\$199,500		WWT
	Implementation of 5-10 water transactions projects - negotiate, permit, fund, and close transactions, cost-share needed for some acquisitions	\$340,000		WWT
	Water Right acquisition story telling: Impact monitoring, reporting, and storytelling	\$10,000		WWT
	Develop a basin wide data analysis tool for water right acquisition: to better understand out-of-stream water uses and prioritize flow projects. It could act as an interim tool for understanding water use and inform this strategy and others in the 2050 plan while the USGS study is ongoing. The tool will cover both OR and WA, but the largest unmet funding need is in WA.	\$75,000		WWT
Gardena Farms District #13 Pine Creek Siphon	\$3,259,000	\$3,309,000	WWCCD, GFD #13	
Water Quality	Dayton Wastewater Treatment Plant Upgrade: Land acquisition and evaluation and subsequent design of improvements for upgrade of wastewater treatment plant.	\$2,000,000	\$3,000,000	City of Dayton, CTUIR, WWT, Ecology
	Dayton Wastewater Treatment Plant Construction Upgrade: Additional funds for construction will be needed further in the future.	TBD	\$15,000,000	City of Dayton, CTUIR, WWT, Ecology
	Soil Testing for Nutrient Management: CCD will work with individual farmers to test and monitor soils on test plots to guide application of soil amendments. The overall goal will be to reduce soil leaching, balance pH and balance micro and macro nutrients.	\$75,000.00	\$250,000	WWCCD, CCD, NRCS
	Milton Freewater stormwater assessment: This project will examine runoff from the Basket Mountain Road (Nichols Canyon) and Highway 11 drainages. These drainages currently discharge untreated stormwater directly into the Walla Walla River. The assessment will develop alternatives to reduce, eliminate and/or treat runoff in the Walla Walla River for each basin..	\$79,645	\$79,645	WWBWC
	Converting/retrofitting existing stormwater facilities in the City of Milton- Freewater. Need funding to design alternative stormwater management for both WWR and LWWR	TBD	TBD - ~\$100-250k	City of Milton-Freewater, WWBWC