

WRIA 8 Salmon Habitat Project List

Evans Creek

Monday, October 02, 2017

APPLICABLE STRATEGIES LEGEND:



Protect and restore floodplain connectivity



Protect and restore cold water sources and reduce thermal barriers to migration



Protect and restore forest cover and headwater areas



Protect and restore marine water and sediment quality, especially near commercial and industrial areas



Protect and restore functional riparian vegetation



Improve juvenile and adult survival at the Ballard Locks



Provide adequate stream flow



Improve water quality



Protect and restore channel complexity



Reduce predation on juvenile migrants and lake-rearing fry



Restore sediment processes necessary for key life stages



Integrate salmon recovery priorities into local and regional planning, regulations, and permitting (SMP, CAO, NPDES, etc.)



Restore shallow water rearing and refuge habitat



Remove (or reduce impacts of) overwater structures



Restore natural marine shoreline



Continue existing and conduct new research, monitoring, and adaptive management on key issues



Reconnect and enhance creek mouths




Remove fish passage barriers







Reconnect backshore areas and pocket estuaries






Increase awareness and support for salmon recovery


Riparian Restoration and Invasive Species Control – Evans Creek			Description	Opportunities, Constraints, and other Considerations	Applicable Strategies
Project Number	EC-1-BB		Control invasive knotweed and other priority invasive species on a coordinated basis to improve riparian habitat, on public and private properties. After initial control is achieved, regularly monitor, detect, and rapidly respond to any new infestations. Implement planting with native species in treated areas.		 <p>Riparian Vegetation</p>
Four-Year Work Plan?	Project Location				
Yes	Basinwide				
Estimated Project Costs					
Acquisition	Restoration	Total			


Evans Creek Relocation			Description	Opportunities, Constraints, and other Considerations	Applicable Strategies
Project Number	EC-R2-1-INS		Relocate a portion of Evans Creek to from an industrial area into open space to reconnect the channel with floodplain wetlands, enhance channel complexity, and restore riparian buffer function.		 <p>Floodplain Connectivity</p>  <p>Riparian Vegetation</p>
Four-Year Work Plan?	Project Location				
Yes	Redmond				
Estimated Project Costs					
Acquisition	Restoration	Total			



Restoration of Johnson Park			Description	Opportunities, Constraints, and other Considerations	Applicable Strategies
Project Number	EC-R3-1-BB		Control invasive, non-native vegetation within park and enhance existing riparian vegetation and channel complexity.		 Riparian Vegetation  Channel Complexity
Four-Year Work Plan?	Project Location				
No	Redmond				
Estimated Project Costs					
Acquisition	Restoration	Total			



Restoration Feasibility Between Johnson Park and Evans Creek Natural Area			Description	Opportunities, Constraints, and other Considerations	Applicable Strategies
Project Number	EC-R3-2-BB		Area of creek has lots of fill and poor instream and riparian conditions. Is also a potential development site. Explore feasibility of improving habitat in this area.		 Channel Complexity  Riparian Vegetation
Four-Year Work Plan?	Project Location				
No	King County				
Estimated Project Costs					
Acquisition	Restoration	Total			

Pilot Project to Address Sedimentation, Reed Canary Grass and High Temperatures			Description	Opportunities, Constraints, and other Considerations	Applicable Strategies
Project Number	EC-R4-1-INS		Conduct pilot project to address high sedimentation in Evans Creek, invasive reed canary grass that blocks fish passage, and to restore riparian vegetation in order to reduce high temperatures in the creek. Evans Creek warms in summer and is a warm water source to Bear Creek—planting needed. If successful, expand project to other reaches of Evans Creek.		 <p>Riparian Vegetation</p>
Four-Year Work Plan?	Project Location				
No	King County				
Estimated Project Costs					
Acquisition	Restoration	Total			

Evans Creek Riparian Restoration at Sportsman Park			Description	Opportunities, Constraints, and other Considerations	Applicable Strategies
Project Number	EC-R4-2-BB		Sportsman Park is infested with reed canarygrass. Evans Creek flows through Sportsman Park wetlands for about half a mile. Evaluate feasibility of restoring off-channel habitat and establishing native wetland and riparian vegetation within the 120-acre wetland complex between NE Redmond-Fall City Road and the Evans Creek Natural Area.		 <p>Riparian Vegetation</p>
Four-Year Work Plan?	Project Location				
Yes	King County				
Estimated Project Costs					
Acquisition	Restoration	Total			

Protect Wetlands on Private Property			Description	Opportunities, Constraints, and other Considerations	Applicable Strategies
Project Number	EC-R4-3-BB		Area is a wet meadow that has in the past been grazed and mowed. Work with the landowners to protect existing wetlands and enhance where possible.		 <p>Riparian Vegetation</p>
Four-Year Work Plan?	Project Location				
No	King County				
Estimated Project Costs					
Acquisition	Restoration	Total			

Evans Creek Reach 5 Restoration			Description	Opportunities, Constraints, and other Considerations	Applicable Strategies
Project Number	EC-R5-1-INS		Creek is constrained by Redmond-Fall City Road and agricultural use in Reach 5. Move Evans Creek away from Redmond-Fall City Road, reduce channelization, increase channel complexity, and increase the riparian buffer.		  <p>Channel Complexity Riparian Vegetation</p>
Four-Year Work Plan?	Project Location				
No	King County				
Estimated Project Costs					
Acquisition	Restoration	Total			

Evans Creek Headwaters Protection			Description	Opportunities, Constraints, and other Considerations	Applicable Strategies
Project Number	EC-R6-1-BB		Protect and maintain 700 acre wetland complex that drains to Evans Creek, Bear Creek, and the Snoqualmie River. The wetland has been set aside as open space as part of the Redmond Ridge development. This wetland needs long-term stewardship to prevent encroachment, incompatible uses of the site, and invasive vegetation.		 Forest Cover  Riparian Vegetation
Four-Year Work Plan?	Project Location				
No	King County				
Estimated Project Costs					
Acquisition	Restoration	Total			