2018 Additions to the Snohomish Basin 4 YWP

Identifier	Title	Description	Sponsor	Sub Basin Strategy	HWS #	Species Benefitting (primary) **	Species Benefitting (secondary) **	Estimated Total Project Cost	Final Phase covered in completed project	Amount Secured	Current Project Phase **	Current Phase Cost	Biennium Seeking Funding **	Result Chain strategy
NTA #2018-0134	**Enhancing Lowland Anadromous Streams Using Beaver Dam Analogs (BDAs)**	Within the Snohomish - Stillaguamish Watersheds, degraded spawning and rearing habitat are the greatest priority for restoration. Beaver Dam Analogs (BDAs) provide a quick and low-cost alternative to large-scale restoration efforts. Structures are comprised of conifer bole posts with a dense mat of live willow and alder interwoven between. These structures are designed to slow down run off, increase sediment aggradation, and add stream complexity by mimicking a beaver dam structure. When strategically placed, BDAs have the ability to create needed scour and retain water in backfill pools where salmon can successfully rear. These restoration efforts will occur in coordination with multiple agencies to identify and prioritize project sites that are seasonally disconnected from the watershed and lack sufficient spawning areas for salmon. In areas where beaver colonization is acceptable, the recruitment of beavers will maintain structures for long-term site productivity.	**The Tulalip Tribes**	Mainstem Primary Restoration	#07-HSP-001	Chinook	Coho	$45,234	Monitoring	$0.00	Planning		2019-2021	Improve Fish Passage
NTA # 2018-0393	**SnoCo Fish Passage Culvert Inventory and Prioritization**	The County's in-house staff will collect culvert information of unknown barrier status culverts on fish bearing streams to determine if the culverts are barriers per WDFW guidelines. If the culvert is determined to be a barrier a process of prioritizing that culvert will be performed by first determining a priority index (PI) number per WDFW guidelines. The PI numbers will allow the County to rank the culverts in order of priority based on WDFW guidelines. However, the County will then proceed with additional internal/external discussions to refine the prioritization based on other factors such as impervious area upstream, downstream barriers, proximity to the focus reaches, etc. This will allow the County to speed up the collection of data and have a better understanding of what needs to be done within the County to speed up salmon recovery.	**Snohomish County**	Urban Streams Restoration	#07-BW-010	Chinook	Steelhead	$120,000	Other	$0.00	Planning	$120,000.00	2019-2021	Improve Fish Passage
PRISM # 18-1643	**Skykomish River Floodplain Forest Health & Restoration Projec**	Improve Skykomish basin floodplain riparian forest diversity and resilience through landscape scale forest practices to protect existing healthy forest cover, increase native conifer cover in deciduous stands, thin overstocked stands of alder and cottonwood, improve natural recruitment and establishment of native riparian vegetation, and improve leaf litter quality by reducing invasive plant loads that displace native vegetation and interrupt natural successional processes. Increase recruitment of medium and large woody debris in near- and long- term time frames. North and South Fork (includes King County) reaches, and main stem Skykomish to the confluence with the Snoqualmie River. Project area may include tributaries such as Wallace and Sultan Rivers. Focus on array of parcel ownership types that include public and private lands. Partners include SC Noxious Weed Control Program, Sound Salmon Solutions, Forterra, Tulalip, King County NWCB, & SCD CREP. Potential sites include un-managed or marginal lands in private and public ownership. Attractive ownership types include lands within or immediately adjacent to waters of the state, on State Lands, BNSF holdings, Tribal lands, and County lands. Identify potential acquisitions or conservation easements.	**Snohomish County**	Mainstem Primary Restoration	07-MPR-408	Chinook	Steelhead	$600,000.00	Construction	$0.00	Planning	$400,000.00	2019-2021	Riparian Rest/Invasives