

Projects listed in this table are those identified in the 2007-2009 Project Overview as having actions initiated or implemented in 2007. Anticipated 2007 projects costs are subtotaled for each basin.								
		=indicates task was identified in the project spreadsheet but did not have an estimated cost associated with it.						
Basin	Priority Tier	Project Type	Project Name	2007 Project Scope	2007 Anticipated Cost	3-Year Cost		
South Fork (Lower)	1A	Large Wood	Acme-Confluence Reach: Active Channel Logjams Phase 1	Phase 1 Project Design & Permitting	\$120,000	\$880,000		
South Fork (Lower)	1A	Large Wood	Acme-Saxon Reach: Active Channel Logjams (Nesset's Slough)	Work with landowners to develop preliminary plan		\$200,000		
South Fork (Lower)	1A	Floodplain	Lower South Fork Slough Reconnection (Curtis Slough)	Work with landowners on project scope		\$80,000		
South Fork (Lower)	1A	Floodplain	Lower South Fork Slough Reconnection (Rothenbuhler Slough)	Work with landowners on project scope		\$180,000		
South Fork (Lower)	1A	Floodplain	Floodplain Reconnection Upstream of COB Water Pipeline	Final design, final permit, construct	\$435,000	\$440,000		
South Fork (Lower)	1A	Riparian Restoration	Lower South Fork Tributary Riparian Restoration	Implement Phase 1	\$180,400	\$541,200		
South Fork (Lower)	1A	Riparian Restoration	Lower South Fork HMZ Riparian Restoration	Implement Phase 1	\$327,067	\$981,200		
South Fork (Lower)	1A	Hydrology	Black Slough Wetland Water Storage Improvement	Work with landowners on project scope		\$518,000		
South Fork (Lower)	1A	Hatchery Production	Years 3 and 4 Skookum Chinook Supplementation Project	Rear and release 2006 brood, collect and rear 2007 brood	\$170,018	\$510,054		
South Fork (Lower)	1A	Hatchery Production	Skookum Cr Hatchery Water Supply	Complete design, permits and land access, locate new well field, rehab old wells	\$150,000	\$700,000		
South Fork	1A	Planning/Assessment	Spawning Channel Feasibility and Design	Identify necessary parameters, field investigations/GIS representation of results, ranking criteria	\$60,000	\$250,000		
South Fork (Lower)	1B	Floodplain	Lower South Fork Flood/Salmon Coordination (Hutchinson Creek)	Design and permitting; construction	\$285,000	\$300,000		
South Fork (Lower)	1B	Floodplain	Lower South Fork Flood/Salmon Coordination (Riverview Park)	Preliminary designs		\$575,000		
South Fork (Upper)	1A	Restoration	30 Mile Reach Restoration	Hydraulic analysis, design, permitting	\$122,000	\$738,000		
South Fork (Upper)	1A	Assessment	Orphan Road Project Assessment	GIS analysis	\$20,000	\$120,000		
South Fork (Upper)	1A	Infrastructure	USFS Road Network Monitoring and Maintenance	Monitoring and maintenance	\$30,000	\$90,000		
				South Fork Estimated Costs for 2007 Efforts:	\$1,899,485			
Middle Fork	1A	Hydrology	Peat Bog Side Channel	Construction	\$20,000	\$20,000		
Middle Fork	1A	Planning/Assessment	Middle Fork Reach Assessment and Restoration Planning	Scope assessment and analysis needs	\$5,000	\$100,000		
Middle Fork	1A	Habitat Restoration	Middle Fork Diversion Dam	Construction	\$15,000,000	\$15,000,000		
Middle Fork	1C	Planning/Assessment	Upper Middle Fork Spawner Surveys	Spawn surveys, DNA and otolith analyses	\$50,000	\$150,000		
				Middle Fork Estimated Costs for 2007 Efforts:	\$15,075,000			
North Fork	1A	Habitat Restoration	Lower Canyon Creek Design & Restoration	Final design & permitting; phase 1 construction (acquisition, easements, structural)	\$450,000	\$1,250,000		
North Fork	1A	Habitat Restoration	North Fork Stable Side Channel Restoration	Design and permitting	\$50,000	\$800,000		

Basin	Priority Tier	Project Type	Project Name	2007 Project Scope	2007 Anticipated Cost	3-Year Cost	
				North Fork Estimated Costs for 2007 Efforts:	\$500,000		

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Mainstem & Forks	1A (forks); 2 (ms)	Planning/Assessment	Invasive Weed Control	Inventory & Spot Control	\$65,000	\$315,000	
Mainstem	1B	Planning/Assessment	Mainstem Reach Assessment & Restoration Planning	Scope assessment and analysis needs	\$15,000	\$300,000	
Mainstem	1B	Floodplain	Lower Bertrand Cr Levee Setback-Passage & LWD	Passable flood gate installation; obtain landowner agreements for LWD placement	\$50,000	\$150,000	
Mainstem	1B	Habitat Restoration	Sande Bar Levee & Clay Bank	Alternatives analysis, design, landowner agreements, construction grants	\$300,000	\$3,300,000	
Mainstem	2	Habitat Restoration	Piling Jam (4 sites)	design	\$15,000	\$100,000	
				Mainstem Estimated Costs for 2007 Efforts:	\$445,000		
Estuary/Adjacent Waters	1C	Planning/Assessment	Modeling of Currents in Bellingham Bay	Run Currens Model under different condition of wind, tide, and discharge and basic ground truthing of results	\$56,000	\$56,000	
Estuary/Adjacent Waters	1C	Planning/Assessment	Chinook Habitat Use Assessment of Bellingham Bay & Adjacent Areas	Analysis of pilot project results, implement year 1 sampling, analysis of year 1 data (hatchery release strategy/natural)	\$125,000	\$250,000	
Estuary/Adjacent Waters	2	Habitat Restoration & Acquisition	Smuggler's Slough Acquisition & Reconnection	Wetland acquisition (100 ac), preliminary design, wetland restoration (125 ac)	\$325,000	\$2,807,000	
				Estuary/Adjacent Waters Estimated Costs for 2007 Efforts:	\$506,000		
Lower Nooksack Tributaries	4	Hydrology	Bertrand Cr - Well and Surface Storage System	Feasibility study for water treatment and water storage and transfer options	\$90,000	\$725,000	
Lower Nooksack Tributaries	4	Habitat Restoration	Schneider Cr - Flood Gate Modification	Final assessment, design	\$25,000	\$150,000	
				Lower Nooksack Tributaries Estimated Costs for 2007 Efforts:	\$115,000		
WRIA 1	1A	Acquisition	Acquisition of Priority Habitats	acquisition	\$2,000,000	\$6,000,000	
WRIA 1	1A	Planning/Assessment	Update Lynden, Ferndale, and Blaine SMP and/or CAO	SMP updates for Lynden, Ferndale, Blaine	\$105,000	\$243,000	
WRIA 1	1A	Planning/Assessment	Restoration Plan/Watershed Mgmt Plan Implementation	Assist in implementation of pilots, and coordiantion of participating partners and sponsors	\$165,000	\$495,000	
WRIA 1	1A	Hydrology	WRIA 1 Instream Flow Negotiations (early chinook habitats)	Middle Fork negotiations: public notifications, communications and meetings	\$75,000	\$375,000	
WRIA 1/ early chinook habitats	1C	Monitoring	Habitat Monitoring to Support Adaptive Management	Habitat monitoring to support adaptive management	\$100,000	\$300,000	

Basin	Priority Tier	Project Type	Project Name	2007 Project Scope	2007 Anticipated Cost	3-Year Cost	
WRIA 1/ chinook habitats	1C	Monitoring	Expand Monitoring and Stock Identification of chinook populations	Spawn surveys, smolt trapping, DNA and otolith analysis	\$160,000	\$480,000	
WRIA 1	4	Hydrology	WRIA 1 Instream Flow Negotiations (other salmonid habitats)	Finalize Bertrand flow agreements; seek state and federal adoption	\$50,000	\$250,000	
WRIA 1	4	Habitat Restoration	Fish Passage Barrier Removal Program	Obtain landowner agreements and implement top 10 priority barriers	\$250,000	\$750,000	
WRIA 1	4	Riparian Restoration	Riparian Restoration Program Support: Project Match, Conservation Easements	Leverage grant sources; do priority riparian restoration	\$250,000	\$750,000	
WRIA 1/ bull trout habitats	4	Monitoring	Monitor and Establish DNA Baselines for bull trout	Spawn surveys, DNA baseline establishment and analysis	\$40,000	\$120,000	
WRIA 1/ steelhead habitats	4	Monitoring	Steelhead Spawn Surveys and DNA Analysis	DNA analysis	\$50,000	\$150,000	
WRIA 1/ coho habitats	4	Monitoring	Coho Spawn Surveys	Spawn surveys, DNA baseline establishment and analysis	\$40,000	\$120,000	
				WRIA 1-Wide Estimated Costs for 2007 Efforts:	\$3,285,000		
				<b>Total Estimated Costs for 2007 Efforts:</b>	<b>\$21,825,485</b>		