

**Hood Canal Coordinating Council  
Lead Entity and Regional Recovery Organization  
3 Year Work Program  
v4.2008**

The 2008 3 Year Work Program includes recovery plan implementation actions for Endangered Species Act (ESA)-listed chinook salmon, steelhead trout, and bull trout within the Hood Canal Coordinating Council lead entity boundary, as well as summer chum salmon within their entire Evolutionarily Significant Unit, as guided by their respective recovery plans. While the Mid-Hood Canal Chinook and Hood Canal/Eastern Strait of Juan de Fuca Salmon Recovery Plans (SRP) have been Federally-adopted by the National Marine Fisheries Service (NMFS), the Draft Skokomish Chinook SRP is currently being reviewed while the Puget Sound Steelhead listing process is still in its infancy. The Puget Sound Bull Trout Recovery Plan is draft as of May 2004.

This update is the second iteration of an effort to collate a sequenced, prioritized, and comprehensive list of actions in a way that allows interested parties to visualize a road map towards completion of a significant body of work for all ESA-listed salmon species in this watershed. A functional work program is enabling the collective partners involved to share efforts, match funding, and make more strategic decisions when prioritizing needed project components to move forward annually.

**What has changed and why in this update from the prior adopted work programs for our watershed?**

- Generally, the list of habitat projects has stayed the same, though all of these projects have been updated to show where progress has or has not been made.
- We maintained the 2007 year column to help us keep track of work done last year, while also adding a new column for 2011 to show the next 3 years worth of work.
- Only 5 new habitat projects were added in the HCCC lead entity area, including Salmon Estuary Railroad Grade Removal, West Uncas Culvert Replacement, Oak Bay Park Shoreline Restoration, and Kitsap Memorial Bulkhead Removal.
- We have worked with the North Olympic Peninsula Lead Entity and its constituents to incorporate summer chum salmon projects from the Jimmycomelately and Dungeness watersheds to meet our regional commitment.
- Non-capital projects were not updated given the history of eligibility for SRFB funding. This in no way reflects the lack of need in this or other watersheds for additional efforts and funding to more fully incorporate H-integration, programmatic activities, capacity building, research, monitoring, evaluation, and adaptive management. Indeed, as described in the various SRPs, our restoration efforts will be constrained and uncertain unless we do address these needs in the near future. Various processes, including the lead entity program, will work to address this limitation later this year as guidance is provided by the Puget Sound Partnership and NMFS.
- H-integration has NOT progressed significantly since last year, nor has sequencing related to H-integration.

- Sequencing not related to H-integration has been updated given available funding, project progress, project readiness, and project phasing.
- The overall subpopulation/population prioritization regime has NOT changed. This prioritization regime is defined by Domains, priority natal habitat areas, and priority nearshore habitat areas. Domain definitions are documented at the top of the 3 year work program matrix, with more definition provided in the HCCC Process Guide.
- However, additional summer chum salmon Ecosystem Diagnosis and Treatment (EDT) modeling to assess relative benefits from various actions within watersheds has been completed for all 8 extant subpopulations.

**How are watershed groups selecting projects for their updates, and generally for the 3 year work program?**

- **Are projects on the 3 year work lists those that can be done or those that can be started in 3 years?**
  - These projects could potentially all be started in 3 years given appropriate funding. Some could be finished in one year, while others may take many years to complete.
- **Are they the projects that are highest priority known at this time?**
  - We have put considerable effort into developing projects in our highest priority areas and have been able to continue to focus most of the lead entity work in those areas. That being said, a small percentage (10 to 15%) of the projects are “lower priority.” This reflects our strategy of putting multiple funding sources most appropriate for each action to work to move forward both high and low priorities in order to keep our communities and project sponsors engaged in the larger effort of salmon and Puget Sound recovery.
- **Are there projects that are left off the list?**
  - Yes, many of the lower priority and non-ESA projects are not addressed in this 3 year work program.

**How are watershed groups deciding the costs for the projects?**

- Costs are from SRP estimates, comparable methods, and feasibility studies completed for specific projects.
- Final costs are developed in coordination with projects sponsors during the project development, review, and ranking process.
- Annual costs represent money obtained and/or spent during calendar year.
- **Are costs for the whole project or for a portion of the project?**
  - Total costs represent multiple years’ worth of project phases through completion, and may not equal costs by planning year if the project will take longer than 3 years to complete.

**Three-Year Watershed Implementation Priorities for Hood Canal Coordinating Council**

Costs are from Recovery Plan estimates and comparable methods

Yearly costs are preliminary estimates to be developed further with project sponsors

Prioritization to be determined by Lead Entity Committees, regional participants, and governments

Total Costs represent multiple years worth of projected costs

Annual costs represent money obtained and/or spent during calendar year

Domain Priority	Bio Rank / EDT	Primary Limiting Factors	Action name and description	Likely sponsor	Total cost	Unfunded Portion	Existing Funding	Source of other funds	2007		2008		2009		2010		2011		Restoration Type	Location w/in watershed	Performance	Brief Description	Action #	Project Name
									Scope	Cost	Scope	Cost	Scope	Cost	Scope	Cost	Scope	Cost						
<p>1 Domain 1 represents natal freshwater and sub-estuarine habitats for 7 extant summer chum subpopulations, 2 extant chinook populations, and 1 extant bull trout subpopulation in the HCCCL E area.</p> <p>2 Domain 2 represents natal freshwater and sub-estuarine habitats for 3 re-introduced extant summer chum subpopulations and all significant nearshore habitats in the HCCCL E area.</p> <p>3 Domain 3 represents natal freshwater and sub-estuarine habitats for all remaining extant summer chum and chinook subpopulations in the HCCCL E area.</p> <p>4 Domain 4 represents all other habitats including nearshore areas not labeled as significant.</p>																								
<b>CAPITAL PROJECTS</b>																								
<b>Habitat Capital Projects</b>																								
<b>Mid-Hood Canal</b>																								
1	1 of 17	1.3	USFS Dosewallips wood-riparian restoration phase 1	USFS and Tribes and WFC	\$1,690,000	\$1,250,860	\$439,140	PSP, USFS, SRFB	Funding Strategy: Coordination	Feasibility Design	\$439,140	Feasibility Design, Wood Stockpiling, Riparian Assessment	?	Permitting and Construction; Exotic Control and Planting	?	Construction, Planting, Monitoring	?	I.F.R.	Mainstem	4 miles	Place log jams and increase wood loading by helicopter and conventional means in strategic locations owned by the USFS, including 6 mile bridge, FS boundary, above Camp Acacia, Steelhead Campground, and below road washout	33,34,36, 37,38,40	USFS Dosewallips wood-riparian restoration phase 1	
1	4,6,9,5 of 17	1,3,5	Powerlines, Lazy C, Southshore riparian-floodplain protection Lower Dosewallips	Jefferson Land Trust, State Parks, Jefferson County, CLC, HCCC	\$2,000,000	\$1,586,410	\$413,590	PSP, IAC, Jefferson County, SRFB	Implement Existing SRFB Grant and Develop New, Coordinate with Citizen Outreach Program	Community Outreach, Planning and Transactions	\$163,590	Community Outreach, Planning and Transactions	\$250,000	Community Outreach, Planning and Transactions	?	Community Outreach, Planning and Transactions	?	L	Mainstem	300 acres	Protect high quality habitats and purchase impaired habitats for future restoration; includes planning effort	20,25,32	Powerlines, Lazy C, Southshore riparian-floodplain protection Lower Dosewallips	
1	6 of 17	1.3	Powerlines Lower Dosewallips wood riparian restoration	County and WFC and Tribes and Land Trust	\$735,000	\$734,000	\$1,000	PSP, USFWS	Conifer Plantings	Feasibility and Landowner Discussions, Sponsor Development	\$1,000	Feasibility Design, Landowner Outreach, Riparian/Exotic Assess	?	Permitting and Construction; Exotic Control and Planting	?	Planting, Monitoring	?	I.F.R.	Mainstem		Improve instream wood loading rates and riparian conditions in the Powerlines Reach	21,23,24	Powerlines Lower Dosewallips wood-riparian restoration	
1	7,5,9,5 of 17	1,2,3,5,7	Lower Dosewallips floodplain/estuary restoration	WFC, Tribes, State Parks	\$2,000,000	\$828,225	\$1,171,775	PSP, State Parks, BIA, SRFB, ESRP	Landowner Outreach, plantings, design, and permitting	Construction	\$360,775	Construction, Planting, Monitoring	\$811,000	Construction, Planting, Monitoring	\$0	Construction, Planting, Monitoring	?	I.E.F.R.	Estuary, Mainstem	40 acres	Improve riparian conditions, tidal inundation, and floodplain connection: feasibility study included	3,5,6,7,9,11,16	Lower Dosewallips floodplain/estuary restoration	
1	16 of 17	2,7	Wolcott Slough Fishtrap Removal	USFS, Tribes, HCSEEG	\$60,000	\$10,000	\$50,000	USFS, federal approp.	Permitting, Construction	Construction	\$50,000	Monitoring	\$10,000					E	Estuary	15 acres	Remove USFWS fishtrap and regrade salt marsh and tidal channels	14	Wolcott Slough Fishtrap Removal	
1	10 of 17	3,4,5	USFS road decommission Dosewallips	USFS, Tribes, HCSEEG	\$226,500	\$226,500	\$0	USFS, federal approp.										U	Headwater	6.5 miles	Decommission high priority roads for aquatic risk	27,28,41	USFS road decommission Dosewallips	
1	2,5,5 of 7	1,2,3,5	Lower and Middle Duckabush riparian-floodplain protection Phase 1	Jefferson County and Jefferson Land Trust	\$2,000,000	\$1,650,000	\$350,000	PSP, IAC, Jefferson County, SRFB	Community Outreach	Community Outreach, Planning and Transactions	\$350,000	Community Outreach, Planning and Transactions	?	Community Outreach, Planning and Transactions	?	Community Outreach, Planning and Transactions	?	L	Mainstem	200 acres	Protect high quality habitats and purchase impaired habitats for future restoration; includes planning effort	11,14	Lower and Middle Duckabush riparian-floodplain protection Phase 1	
1	2 of 7	1.3	Lower Duckabush riparian-floodplain restoration Phase 1	Jefferson County, HCCC, WDFW	?	?	?	PSP, IAC, SRFB										I.E.F.R.	Mainstem		Improve instream wood loading rates and riparian conditions in the Lower Duckabush after protection efforts have advanced	11	Lower Duckabush riparian-floodplain restoration Phase 1	
1	3 of 7	3,4,5	USFS road decommission Duckabush	USFS, Tribes, HCSEEG	\$370,500	\$370,500	\$0	USFS, federal approp.										U	Headwater	8.7 miles	Decommission high priority roads for aquatic risk	9,10	USFS road decommission Duckabush	
1	1,5 of 7	1.3	Middle Duckabush wood-riparian restoration phase 1	WFC, USFS and Tribes	\$3,175,000	\$3,175,000	included in Dosewallips USFS wood-riparian project	PSP, USFS		Feasibility Design	included above		Landowner Outreach, Survey/Feasibility Design, Exotic Control and Planting	?	Design, Permitting	?	Construction	?	I.F.R.	Mainstem		Place log jams and increase wood loading by helicopter and conventional means in strategic locations	12,13	Middle Duckabush wood-riparian restoration phase 1
1	4,5 of 7	1,2,3,7	SR101 Causeway Replacement Duckabush	Army Corps, multiple?	\$200,000,000	\$200,000,000	\$0	PSAWR, ESRP, FHA, WSDOT, SRFB					Feasibility	\$200,000	Feasibility	\$200,000	Design	\$200,000	E	Estuary		Continue feasibility studies to address benefits for retrofit, alternatives, and costs along the Duckabush causeway	2,3,5,6,7	SR101 Causeway Replacement Duckabush
1	7 of 7	2,7	Robinson Road Levee Removal Duckabush	HCSEEG	\$300,000	\$0	\$300,000	ESRP, SRFB, PSP	Design and permitting	Construction	\$20,000	Construction	\$280,000	Monitoring				E	Estuary	3 acres	Obliterate levee on WDFW property, remove exotic invasive plant species	4	Robinson Road Levee Removal Duckabush	
1	7 of 7	1,2,3,7	Pierce Creek culvert at Shorewood RD	Jefferson County and Jefferson Land Trust	\$275,000	\$275,000	\$0	PSP, ESRP, SRFB					Design, Permitting	\$50,000	Construction	\$225,000		E.P.	Estuary		Improve tidal inundation and fish passage under Shorewood Road	8	Pierce Creek culvert at Shorewood RD	
1	4,5 of 6,5	1,2,7	Hama Hama Estuary Restoration	HCSEEG	\$500,000	\$385,115	\$114,885	NFWF, ESRP, PSP	Landowner Discussion and Design	Design and permitting	\$30,000	Construction and design	?	Construction design, planting, exotic and upland control	\$450,000			I,W,E,P	Estuary	50 acres	Restore connectivity to north distributary and estuary as feasible, including levee breach below 101 and North Fork reconnection above 101 where feasible	?	Hama Hama Estuary Restoration	
1	4,5 of 6,5	1,3	Upper Hama Hama riparian restoration	USFS, Tribes, HCSEEG	\$100,000	\$100,000	\$0	USFS, federal approp., other					Inventory, Exotic Control and Planting	\$30,000	Permitting and Construction	\$35,000	planting, exotic and upland control	R	Mainstem		Improve riparian conditions in non-anadromous reaches to address identified sediment and temperature inputs	12,13,14	Upper Hama Hama riparian restoration	
1	6,5 of 6,5	3,4,5	USFS road decommission Hama Hama	USFS, Tribes, HCSEEG	\$1,048,500	\$1,048,500	\$0	USFS, federal approp.					Design, Permitting	\$100,000	Construction	\$500,000	Construction	U	Headwater	27.1 miles	Decommission high priority roads for aquatic risk	7,8	USFS road decommission Hama Hama	
1	NM	4,5	USFS Road Drainage and Stabilization	USFS	?	?	\$0	USFS, federal approp.	Permitting, Construction	Construction	?	Permitting, Construction	\$100,000	Permitting, Construction	\$100,000	Construction	\$100,000	U	Headwater	?	Stabilize high priority roads for aquatic risk		USFS Road Drainage and Stabilization	
									\$615,365		\$2,270,140		\$380,000		\$1,190,000									
<b>Skokomish-Lilliwaup</b>																								
1	1,3,4,5,6,7		Army Corps General Investigation for restoration feasibility	Skokomish Tribe and Mason County, USACE	\$4,195,000	\$2,395,000	\$1,800,000	federal approp., Mason County, Skok Tribe	Cost share agreement, assessments	Assessment	\$605,000	Assessment	\$590,000	Assessment	\$1,000,000	Design and Documentation	Documentation, Permitting, Funding Strategy	\$1,000,000				Complete general investigation as a mechanism for a consensus-based road map to improving floodplain and channel functions		Army Corps General Investigation for restoration feasibility
1	1,3,4,5		Vance Creek Restoration Feasibility	Tribe	\$130,000	\$0	\$130,000	SRFB, PSP, Skok Tribe		Consultant selected, assets designed, outreach	\$30,000	Assess and Design Completed	\$100,000	Construction, More Feasibility	?	Construction, More Feasibility	?	F.I.L.	Mainstem	1 mile of stream	Conduct landowner outreach, survey, and conceptual design for conservation and restoration actions in the summer chum and chinook reaches		Vance Creek Restoration Feasibility	
1	2,7		Nalley Island Estuary Restoration	Skokomish Tribe	\$400,000	\$400,000	\$0	PSP, TP, ESRP, SRFB	Design	Permitting and Construction	\$20,000	Monitoring	\$1,192,000	?	design and permitting	\$25,000	construction	\$175,000	E, L	Estuary	400 acres, remove 10 miles levees, roads, ditches		Nalley Island Estuary Restoration	
1	2,7		Eastshore 6 acre fill removal	Skokomish Tribe and WA State Parks	Ask Tribe	Ask Tribe	Ask Tribe	BIA	design, permitting	?	construction	?	trap and haul up and down?	?				M	Marine	6 acres	Reroute Podlach Creek; investigate fill removal in historic salt marsh; revegetate shoreline		Eastshore 6 acre fill removal	
1	2,3		Podlach State Park Restoration	Tacoma Power	?	?	?	TP	passage agreement	\$0								P	Mainstem		Create upstream and downstream passage past Cushman Project, or other alternative as driven by passage agreement		Podlach State Park Restoration	
1	7		Lake Cushman passage down/upstream	Tacoma Power	?	?	?	TP	passage agreement	\$0								P	Mainstem		Add Cone Valve to Cushman Project to allow quantity and quality of outflow to improve North Fork and Skokomish Mainstem; continue discussions on re-establishing natural flow regime		Lake Cushman passage down/upstream	
1	1,3,4,5,6		North Fork Flow Restoration	Tacoma Power	\$1,500,000	\$0	\$1,500,000	TP	Construction	\$1,500,000	?	Implementation	?					I	Mainstem				North Fork Flow Restoration	
1	1,3,5,6,7		Gibbons Creek Fish Passage with Bridge	TP, GD, USFS, MCD	\$650,000	\$620,000	\$30,000	American Rivers, Joint Venture, GD		design, permitting	?	construction	?					P	Tributary		Fish passage and stream improvement to a significant amount of spawning and rearing area		Gibbons Creek Fish Passage with Bridge	
1	1,3,5,6,7		McTaggart Diversion Dam Removal	Tacoma Power	?	?	?	TP		design, permitting	?	construction	?					P	Tributary		Fish passage and water quantity		McTaggart Diversion Dam Removal	
1	7		Eel Springs Hatchery Intake on Swift Creek	?	?	?	?			discussion	\$0							P	Tributary		Fish passage		Eel Springs Hatchery Intake on Swift Creek	
1	7		George Adams Hatchery, Ten-acre and Purdy Creeks	?	?	?	?			discussion	\$0							P	Tributary		Fish passage		George Adams Hatchery, Ten-acre and Purdy Creeks	
1	7		McKernon Hatchery	?	?	?	?			discussion	\$0							P	Tributary		Fish passage		McKernon Hatchery	
1	1,3		Lower Skobob Creek Complexity	Skokomish Tribe	\$100,000	\$100,000	\$0	BIA		design, permitting, construction	\$100,000							I,W	Tributary	4000 feet	Place woody debris by helicopter to improve rearing habitat in tidal creek system		Lower Skobob Creek Complexity	
1	1,3,5		ELs in mainstem, SF, NF, Vance Five Mile Creek Engineered Log Jams	MCD	\$95,000	\$0	\$95,000	CSE, NRCS, WHP	coordinate with GI	\$0	design, permitting	?	construction, design, permitting	?							General category of restoration as a placeholder for results of General Investigation		ELs in mainstem, SF, NF, Vance Five Mile Creek Engineered Log Jams	
1	1,3,5		Upper South Fork, Holman Flats, and Tributary Floodplain-Channel-Riparian Restoration	Skokomish Tribe and USFS, MCD	\$857,000	\$80,000	\$777,000	USFWS, NFWF, USFS, TP	feasibility	\$44,300	design, permitting	\$100,000	final design, wood stockpiling, construction	\$712,700	monitoring	\$80,000			I.F.	Mainstem	460 feet	Install 5 log jams approximately 1/2 mile upstream of old North Fork confluence		Upper South Fork, Holman Flats, and Tributary Floodplain-Channel-Riparian Restoration
1	1,3,4,5,6,7		Car-body Levee Removal and Channel Complexity	NRCS, Skok Tribe, and/or landowner	\$2,000,000	\$1,554,874	\$445,126	NRCS, TP, SRFB, PSP		design, but costs included in GI	\$0	Design, permitting?	?	Construct?	?				I.F.R.	Mainstem	1.5 miles	Deconstruct levee system at historic confluence of North and South Forks, enhance resulting channels, replant vegetation		Car-body Levee Removal and Channel Complexity
1	1,3,4,5,6,7		Skokomish River and Bourgalit Road Partial Removals	Tribe	\$90,000	\$60,000	\$30,000	USFWS		design, permitting	\$20,000	construction	\$70,000	monitoring	\$70,000				F.W	Mainstem	0.5 miles	Deconstruct abandoned road system to reconnect adjacent wetlands and floodplains to the lower Skokomish River		Skokomish River and Bourgalit Road Partial Removals
1	1,3,4,5,6,7		Dike Removal and/or setbacks-TBD by GI	multiple	?	?	?		coordinate with GI	\$0	design, permitting	?							I,W,R,F	Mainstem		General category of restoration as a placeholder for results of General Investigation		Dike Removal and/or setbacks-TBD by GI
1	1		SR101 and SR106 road prisms/bridges - TBD by GI	WSDOT, multiple	\$10,704,510	+	\$10,704,510	WSDOT, FHA	moving ahead with others with GI	\$5,104,462	construct Purdy	\$5,210,390	feasibility	\$389,658	design other	?			W.F	Mainstem		In addition to general category of restoration as a placeholder for results of General Investigation, also includes Purdy Creek 101 rebuild		SR101 and SR106 road prisms/bridges - TBD by GI
1	1,5,6		Silviculture Treatments for increased hydrologic maturity	USFS, HCSEEG, GD	?	?	?	federal approp., PSP, other?		design, permitting	?	implementation	?						U	Headwaters		Increase hydrologic maturity within Skokomish basin		Silviculture Treatments for increased hydrologic maturity

Domain Priority	Bio Rank / EDT	Primary Limiting Factors	Action name and description	Likely sponsor	Total cost	Unfunded Portion	Existing Funding	Source of other funds	2007		2008		2009		2010		2011		Restoration Type	Location w/in watershed	Performance	Brief Description	Action #	Project Name		
									Scope	Cost	Scope	Cost	Scope	Cost	Scope	Cost	Scope	Cost								
1		1,3,4,5,6,7	Protect habitats through conservation tools	multiple	\$5,000,000	\$2,000,000	\$3,000,000	SRFB, PSP, TP, Mason County, Tribe	strategy, landowner outreach, land transactions	\$0	strategy, landowner outreach, transactions	\$4,000,000	strategy, landowner outreach, transactions	\$1,000,000	landowner outreach, transactions	\$1,000,000			L	Mainstem	700 acres, 4 miles	Protect high quality habitats and purchase impaired habitats for future restoration		Protect habitats through conservation tools		
1		1,3,4,5	Riparian plantings, Farm Plans, and BMPs	MCD, multiple USFS and SWAT	\$400,000	\$250,000	\$150,000	NRCS, MCD, Landowner	landowner outreach, planting, exotic control, fencing, farm plans	\$100,000	landowner outreach, planting, exotic control, fencing, farm plans	\$100,000	landowner outreach, planting, exotic control, fencing, farm plans	\$100,000	landowner outreach, planting, exotic control, fencing, farm plans	\$100,000			R	Tributaries	2 miles	Work with Mason Conservation District and private landowners to improve stewardship through public incentive programs such as Farm Plans Cost Share, Environment Quality Improvement Program, Wildlife Habitat Improvement Program, and BMP construction		Riparian plantings, Farm Plans, and BMPs		
1		4,5,6,7	USFS Road Decommission - North Fork 14km	USFS and SWAT	?	?	?						design, permitting	\$30,000	construction	?			U	Headwaters		Decommission high priority roads for aquatic risk		USFS Road Decommission - North Fork 14km		
1		4,5,6,7	USFS Road Decommission - South Fork 93km	USFS and SWAT	\$10,033,400	\$9,433,400	\$600,000	federal approp., SRFB, PSP, EPA, USFS	construction, design, permitting	?	construction, design, permitting	\$600,000	construction, design, permitting	\$3,010,020	construction, design, permitting	\$3,511,690			U	Headwaters	70.5 miles	Decommission high priority roads for aquatic risk		USFS Road Decommission - South Fork 93km		
1		4,5,6,7	USFS Road Decommission - Vance Creek 6km	USFS and SWAT	?	?	?						design, permitting	\$30,000	construction	?			U	Headwaters		Decommission high priority roads for aquatic risk		USFS Road Decommission - Vance Creek 6km		
1		4,5,6,7	Road Drainage and Stabilization - South Fork	USFS and SWAT	\$2,128,400	?	?	federal approp., SRFB, PSP, EPA, USFS	planning, permitting, construction	?	planning, permitting, construction	\$638,460	construction, BMPs	\$744,970	construction, BMPs	\$744,970			U	Headwaters	149 miles	Stabilize roads to reduce aquatic risk		Road Drainage and Stabilization - South Fork		
1		4,5,6,7	Road Maintenance	USFS and SWAT	476,250	?	?	federal approp., SRFB, PSP, EPA, USFS	construction	?	construction	\$142,875	construction	\$166,688	construction	\$166,688			U	Headwaters		Maintain roads to reduce aquatic risk through annual maintenance program		Road Maintenance		
1		1,2,3,7	Lilliuap Instream Restoration Design	USFS, HLK, HCSEI, WDFW, Skok Tribe	50,000			SRFB, in-kind		\$7,373,762		\$12,718,725	assessment	\$50,000					I,E,R,F	Mainstem	4000 feet	Work with landowners to design restoration project to remove fill in lower floodplain, enhance woody debris, and replant riparian areas		Lilliuap Instream Restoration Design		
<b>Eastern Straits</b>																										
1		2,3,5,7	Snow/Salmon Estuary and Shoreline Restoration	NOSC, WDFW, DNR, JCD	\$1,690,215	\$300,000	\$1,390,215	DNR, WDFW, NOAA, PSP, SRFB, Oil Spill	final design, permitting, derelict building removal	\$100,000	construction, replanting, design for next phase	\$1,590,215	monitoring, planning, planting	\$300,000						E	Estuary	20 acres	Remove abandoned railroad grade and fill, naturalize adjacent shoreline, and remove derelict structures; expand existing project, relocate water line		Snow/Salmon Estuary and Shoreline Restoration	
1		2,7	Snow/Salmon Estuary Railroad Grade Removal Feasibility and Design	NOSC, WDFW, JCD	\$75,000	\$75,000	\$0	SRFB, PSP					scoping	\$0	feasibility and design	\$75,000				E	Estuary		Assess options for removing railroad causeway in lower estuary		Snow/Salmon Estuary Railroad Grade Removal Feasibility and Design	
1		1,2,3,6	Snow/Salmon Reconnection Feasibility and Design	WDFW, NOSC, JCD	\$10,000	\$0	\$10,000	private donation, ESRP, PSP												L,W,R,F	Mainstem	1 mile	Assess benefits and feasibility of reconnecting Snow and Salmon Creeks; design construction plans		Snow/Salmon Reconnection Feasibility and Design	
1		3,5	Snow/Salmon Riparian Restoration	JCD, NOSC, WDFW, Noxious Weed Board	\$318,461	\$100,000	\$218,461	SRFB, CREPPSP	planting, fencing, etc not included in cost		landowner contacts, construction	\$218,461	assessment, construction	\$50,000	construction	\$50,000				R	Mainstem	30 acres	Plant native vegetation and control exotic invasives; install livestock exclusion fencing, add BMPs, and alternative water systems		Snow/Salmon Riparian Restoration	
1		1,3,4,5,6	Snow/Salmon Floodplain and Nearshore Protection	Jefferson Land Trust, NOSC, JCD, WDFW	\$1,500,000	\$1,500,000	\$0	USFWS, IAC, PSP, SRFB	transactions not included in costs		transactions	\$300,000	transactions	\$300,000	transactions	?				L	Mainstem	200 acres	Protect high quality habitats and purchase impaired habitats for future restoration in floodplains and estuary; includes planning effort to work with willing landowners		Snow/Salmon Floodplain and Nearshore Protection	
1		1,3,7	West Uncas Road Culvert Replacement Design	JCD	\$50,000	\$50,000	\$0	NOAA, American Rivers, PSP					Design	\$50,000						L,P,F	Mainstem		Assess design options and costs for replacing culvert with bridge to ease passage and restore habitat forming processes		West Uncas Road Culvert Replacement Design	
1		1,3,4	Snow Creek Wood Enhancement Design	NOSC, JCD	\$50,000	\$50,000	\$0	PSP, SRFB					landowner contacts, survey, design	\$50,000	design, permitting, construction	?	construction	?			L	Mainstem	1 mile	Landowner outreach, feasibility, and design of project to improve channel complexity and instream functions through summer chum range		Snow Creek Wood Enhancement Design
1		4,5,6,7	Snow/Salmon Road Decommission and Stabilization	USFS, NOSC	\$150,000	\$150,000	\$0	USFS, SRFB, PSP					design, permitting	\$30,000	construction	\$120,000				U	Headwaters	7 miles	Decommission highest priority roads for aquatic risk		Snow/Salmon Road Decommission and Stabilization	
1		2,7	Fairmount Marsh Restoration	JCD, MRC, NOSC	\$300,000	\$275,000	\$25,000	USFWS, ESRP, PSP	design	\$25,000	landowner discussions	\$0	landowner discussions	\$0	construction, monitoring	\$275,000				M	Marine	8 acres, 800 feet channel? 500 acres	Remove abandoned causeway to restore pocket marsh habitat adjacent to Snow/Salmon watershed; replace bulkhead with softshore protection		Fairmount Marsh Restoration	
1		1,3,5	Chimacum Creek Priority Lands Conservation	Jefferson Land Trust, NOSC, JCD	\$1,500,000	\$1,500,000	\$0	IAC, Jeff Co Conservation Futures, PSP	transactions, landowner contacts (cost not included)		landowner contacts, transactions	\$300,000	transactions	\$300,000	transactions	?				L	Mainstem		Protect high quality habitats and habitats for restoration in summer chum range; maintain headwater working forests		Chimacum Creek Priority Lands Conservation	
2		1,3,4,5,7	Chimacum Creek Restoration	JCD, NOSC	\$1,000,000	\$1,000,000	\$0	SRFB, NRCS	construction (cost not included)		design, permitting, construction	\$100,000	design, permitting, construction	\$100,000	construction	?				L,W,R,P,F	Mainstem	2 miles	Improve stream and floodplain habitat conditions in Chimacum Watershed through channel improvements, wood addition, riparian plantings, fencing, and noxious weed control		Chimacum Creek Restoration	
2		2,3	Chimacum Estuary Restoration Phase 2	NOSC, WDFW	\$200,000	\$200,000	\$0	SRFB, ESRP, Ecology Oil Spill, PSP					design, permitting	\$20,000	construction, monitoring	\$180,000	monitoring			E	Estuary	15 acres	Restore estuarine and shoreline functions by removing non-native fill and replanting shoreline to the south of Chimacum estuary phase 1 site		Chimacum Estuary Restoration Phase 2	
2		2,7	Scow Bay Culvert Replacement	NOSC, WSDOT, WDFW	\$2,000,000	\$2,000,000	\$0	WSDOT, SRFB, ESRP					discussion	\$0	feasibility and design	?				M,F	Marine		Replace undersized culverts with bridge length on Marrowstone Island causeway to restore natural tidal inundation and access to and from Scow Bay for Puget Sound and Hood Canal salmon stocks		Scow Bay Culvert Replacement	
4		2	Oak Bay Park Shoreline Restoration	JCD, Jefferson County	\$250,000	\$250,000	\$0	ESRP, PSP, SRFB, Oil Spill Funds					discussion	\$0	Design and construction	\$250,000				M	Marine	1500 feet	Work with Jefferson County Parks and public to determine project design for marine shoreline restoration, including road abandonment, riprap removal, and replantings		Oak Bay Park Restoration	
									\$135,000		\$2,578,676		\$1,635,000		\$445,000		\$0									
<b>Quilcene</b>																										
2		2	Tarbo/Dabob Bay Protection	NW Watershed Institute, TNC	\$2,100,000	\$0	\$2,100,000	USFWS, SRFB, ESRP	Transactions		Transactions	\$2,100,000	transactions							M,L	Marine	180 acres, 1 mile shoreline	Northwest Watershed Institute and project partners propose Phase I of a program to protect and restore Tarbo-Dabob Bay, one of the highest quality and largest saltmarsh estuaries remaining in the Hood Canal and Straits of Juan de Fuca region.		Tarbo/Dabob Bay Protection	
4		2,5	Dabob Bay Cressote Bulkhead Removal	NWI	\$40,000	\$30,000	\$10,000	Donation, ESRP					Permitting and construction	\$40,000						M	Marine	400 feet	Northwest Watershed Institute and cooperating landowner and tugboat salvage company propose to remove an old 400 foot long cressote log bulkhead from in front of landowner's shoreline property on Dabob Bay to return it to a natural condition.		Dabob Bay Cressote Bulkhead Removal	
1		1,3,5,6	Big and Little Quilcene Floodplain and Estuary Protection	Jefferson Land Trust, HCSEI, Tribes, Jefferson County	\$850,000	\$300,000	\$550,000	IAC, Jeff Co Conservation Futures, PSP												L	Mainstem	150 acres	Protect high quality habitats and purchase impaired habitats for future restoration; includes planning effort to work with willing landowners;		Big and Little Quilcene Floodplain and Estuary Protection	
1		2,7	Quilcene Wetlands Restoration	HCSEI, NRCS, WDFW, USFWS	\$800,000	\$0	\$800,000	SRFB, USFWS, Landowner, NRCS, Priv. Business, LIP	Transactions in progress	\$250,000	Landowner Contacts, appraisals, transactions	\$350,000	transactions	\$250,000	transactions	?				E	Estuary	50 acres	Obliterate saltwater levees south of Big Quilcene River on willing landowner property to restore salt marsh habitat and tidal channels; include abandoned WDFW pond; donated easement. \$25,000 is needed to fund landowner conservation transactions		Quilcene Wetlands Restoration	
1		2,7	WDFW Abandoned Wildlife Pond	HCSEI, WDFW	\$300,000	\$0	\$300,000	SRFB, ESRP	design, funding strategy, permitting	\$100,000	design, funding strategy, permitting	\$700,000	construction	\$290,000	construction	?				E	Estuary	4 acres	Remove failed levee system constructed as a wildlife pond by WDFW at the mouth of the Big Quilcene River		WDFW Abandoned Wildlife Pond	
1		1,3	Big Quilcene Wood Enhancement	Skokomish Tribe, WDFW, HCSEI, Skok Tribe	\$960,000	Ask Tribe	Ask Tribe	SRFB, Skokomish Tribe, PSP	design, permitting		design, permitting	\$10,000	construction, monitoring	?	construction, monitoring	?				L,F	Mainstem	4000 feet	Place woody debris and remove riprap at two sites (old Rose and PUD properties) to improve channel and floodplain complexity and instream functions through summer chum range		Big Quilcene Wood Enhancement	
1		1,3	Big Quilcene Levee Removal Feasibility - Baclawski	HCSEI, JCD	\$64,000	\$0	\$64,000	SRFB, NPWF	permitting, construction	Ask Tribe			Feasibility and Conceptual Design Study	\$64,000						L,R,F	Mainstem	0.25 miles	Model floodplain with new LIDAR data in 2 dimensional model; assess liabilities and options for removing or setting back small levee on Baclawski property; determine preferred alternative and conceptual design		Big Quilcene Levee Removal Feasibility - Baclawski	
1		1,2,3,6,7	Linger Longer Reach Restoration	Jefferson County, WDFW, Tribes	\$6,000,000	\$6,000,000	\$0	PSP, SRFB, ?					Develop funding strategy; continue land transactions as appropriate	\$0	design, more land transactions	\$300,000	design, more land transactions	\$300,000	permitting and construction		L,W,E,L,R,F	Mainstem		Continue Linger Longer Reach Restoration with the end goal of restoring floodplain processes below Rogers Street. This project will include widening the floodplain, creating increased channel habitat, widening the existing bridge, and replanting.		Linger Longer Reach Restoration
1		1,3	Little Quilcene Floodplain Enhancement	HCSEI, NRCS, WDFW, Tribes, Noxious Weed Board	\$300,000	\$300,000	\$0	HCSEI, PSP	land transaction (not included in cost)		exotic and habitat survey, design, construction, planting	\$150,000	exotic control, plantings, construction	\$150,000						L,F	Mainstem	2000 feet	Remove riprap, add wood, control exotic invasive species, and replant riparian habitats in lower river below Center Road; begin design of upstream projects		Little Quilcene Floodplain Enhancement	
1		2	Big and Little Quilcene Delta Cone Removals	HCSEI, WDFW	\$520,000	\$510,000	\$10,000	SRFB, NRCS, PSP					design	\$10,000	permitting, construction	\$500,000	monitoring	\$10,000		E	Estuary	25 acres	Remove delta cones to restore linkage between tidal and freshwater hydraulic forces		Big and Little Quilcene Delta Cone Removals	
1		2,7	Little Quilcene Estuary Restoration	HCSEI, NRCS, WDFW, Jefferson County, Tribes	\$1,665,000	\$0	\$1,665,000	SRFB, NRCS, Jefferson County, PSP, ESRP	construction, land transaction (not included in cost)		construction, land transaction (not included in cost)	\$1,665,000	monitoring	?						E	Estuary	20 acres	Provide additional funds to existing project to remove aggraded delta cone		Little Quilcene Estuary Restoration	
									\$560,000		\$5,669,000		\$1,200,000		\$5,410,000		\$0									
<b>Union and Tahuya</b>																										
1		1,2,3,7	Union River Salt Marsh Restoration	HCSEI, WDFW, Skokomish Tribe, PNWSC	\$2,000,000	\$2,000,000	\$0	SRFB, IAC, WSDOT, Mason County, Mason	land transaction (not included in total cost)		design	\$50,000	final design, permitting	\$50,000	construction	\$1,900,000				E,R,L	Estuary	45 acres	Breach levees strategically and enhance tidal channels to restore tidal inundation to 40 acres of historic salt marsh; revegetate backshore; enhance adjacent channels		Union River Salt Marsh Restoration	
1		1,2	Union and Tahuya River Floodplain Protection	HCSEI, CLC	\$500,000	\$500,000	\$0	SRFB, Mason County, CLC, PSP					strategy, outreach, appraisals, transactions	\$50,000	transactions	\$300,000	transactions	\$150,000		L	Mainstem	100 acres	Protect high quality habitats and purchase impaired habitats for future restoration		Union and Tahuya River Floodplain Protection	
1		1,3,5	Union and Tahuya River Floodplain Enhancement	HCSEI, WDFW, Noxious Weed Board, Mason CD	\$500,000	\$400,000	\$100,000	SRFB, NPWF, WDFW, USFWS, PSP												L,W,R,F	Mainstem	3000 feet	Remove riprap, add wood, control exotic invasive species, and replant riparian habitats in summer chum range		Union and Tahuya River Floodplain Enhancement	
1		2,3,7	Klingel Estuary Restoration	SRFB, WDFW, NRCS	\$425,000	\$0	\$425,000	SRFB, NRCS, PSP	implement several smaller projects	?	survey and design; construction 2 LIP sites	\$100,000	control exotic species, replant, finish design and permitting	\$100,000	construction	\$300,000				E,R	Estuary	20 acres	Remove levees and tidegate to restore salt marsh and tidal channels		Klingel Estuary Restoration	
1 or 2		1,3,4,5,6	Tahuya to Union Headwaters Conservation	WDFW, DNR, IAC, CLC	\$6,650,000	\$662,500	\$5,987,500	Forest Legacy, Transactions	expand project	\$20,000	Negotiations, Transactions	\$380,000	monitoring	\$25,000						L	Headwaters	10000 acres	Work with large forest landowners to purchase development rights and ensure in perpetuity working forests that form the headwaters of Tahuya and Union Rivers; Hood Canal Alliance		Tahuya to Union Headwaters Conservation	
4		2	Twanoh Falls Community Club Estuary Restoration	HCSEI	\$75,000	\$50,000	\$25,000	IAC, ESRP	Design, landowner outreach	\$10,000	Design, permitting, construction	\$65,000	transactions	?	Bulkhead discussion	\$0				M	Marine	250 feet	Work with Twanoh Falls Community Club to enhance the Twanoh Falls Creek estuary; replace culvert with bridge; and restore marine vegetation in documented surf smelt spawning habitat on the south shore of Lower Hood Canal		Twanoh Falls Community Club Estuary Restoration	
									\$30,000		\$7,295,000		\$475,000		\$2,350,000		\$0									
<b>West Kitsap</b>																										
2 or 3		1,3,4,5,6	Big Beef to Dewatto Priority Lands Conservation	GPC, WDFW, DNR, HC	\$1,000,000	\$1,000,000	\$0	Unknown					Negotiations, Transactions	?						L	H	400 acres	Continue conservation efforts with the Hood Canal Alliance		Big Beef to Dewatto Priority Lands Conservation	
2		1	IMW Big Beef Wetland and Channel Restoration	WDFW	\$300,000	\$300,000	\$0	SRFB	Project Development		Design, funding strategy	?	permitting, construction	\$300,000						I	M	50 acres	WDFW led effort to restore instream wood structures and thus wetlands and side channel habitat in lower watershed on UW property; treatment associated with IMW program		IMW Big Beef Wetland and Channel Restoration	

Domain Priority	Bio Rank / EDT	Primary Limiting Factors	Action name and description	Likely sponsor	Total cost	Unfunded Portion	Existing Funding	Source of other funds	2007		2008		2009		2010		2011		Restoration Type	Location w/in watershed	Performance	Brief Description	Action #	Project Name	
									Scope	Cost	Scope	Cost	Scope	Cost	Scope	Cost	Scope	Cost							
		2,7	Devatto Estuary	HCCSE	\$400,000	\$400,000	\$0	PSP, SRFB, ESRP, coastal wetlands			design	\$20,000	permitting, construction	\$380,000					E	Estuary		Remove relic levees in sub-estuary and restore channel complexity; fill dredge hole; replant affected riparian areas		Devatto Estuary	
		2,3,5	Kitsap Memorial Bulkhead Removal	State Parks	\$150,000	?	?	FEMA, State Parks, ESRP			design, discussions	?	permitting, construction	\$150,000					M	Marine	1500 feet	Replace cressoted bulkhead with soft bank or no protection to improve drift cell functions and forage fish habitat		Kitsap Memorial Bulkhead Removal	
Dungeness and Jimmymcelately (only summer chum stocks considered in HCCC process)																									
		1	Dungeness ACOE/Beebe dike setback	CC	\$7,500,000	\$5,000,000	\$2,500,000	SRFB, PSP, ACOE			design and permitting	\$200,000	construction/setback	\$7,300,000					F			See Narratives		Dungeness ACOE/Beebe dike setback	
		1	Dungeness ACOE/Beebe channel remaindering and ELJ placement	JSKT	\$2,175,000	\$1,800,000	\$375,000	SRFB, PSP			design and permitting		channel reconstruction and ELJ installation	\$2,000,000					F			See Narratives		Dungeness ACOE/Beebe channel remaindering and ELJ placement	
		3	Dungeness corridor (RM 3.0 - RM 10.5) habitat protection	WDFW/NOLIT/SKT	\$4,295,000	\$2,500,000	\$1,795,000	SRFB, PSP, RCO			negotiations and acquisitions	\$1,000,000	negotiations and acquisitions	\$2,295,000					R			See Narratives		Dungeness corridor (RM 3.0 - RM 10.5) habitat protection	
		3	Dungeness riparian reforestation	CCD /JSKT/CC	\$150,000	\$130,000	\$20,000	SRFB, PSP, RCO			landowner contacts/planting	\$50,000	landowner contacts/planting	\$50,000					R			See Narratives		Dungeness riparian reforestation	
		6	Agnew Irrigation District piping	Agnew Irrigation District	\$500,000	\$425,000	\$75,000				design and partial construction	\$250,000	remaining construction	\$250,000					I,P			See Narratives		Agnew Irrigation District piping	
		6	Dungeness Irrigation Group water conservation	Dungeness Irrigation District	\$3,500,000	\$1,800,000	\$1,700,000	Irrigation Efficiencies Program			engineering and permitting	\$50,000	construction	\$1,500,000					I,P			See Narratives		Dungeness Irrigation Group water conservation	
		6	Dungeness Irrigation District water conservation	Dungeness Irrigation District	\$1,650,000	\$400,000	\$1,250,000	Irrigation Efficiencies Program			engineering and permitting	\$50,000	construction	\$800,000					I,P			See Narratives		Dungeness Irrigation District water conservation	
		6	Sequim Prairie Tri Irrigation Association SP-5 Lateral Piping	Sequim Prairie Tri Irrigation Association	\$300,000	\$100,000	\$200,000	Irrigation Efficiencies Program			design, lower reach construction	\$60,000	construction	\$240,000					I,P			See Narratives		Sequim Prairie Tri Irrigation Association SP-5 Lateral Piping	
		6	Highland Irrigation District H-10 Lateral Piping	Highland Irrigation District	\$200,000	\$100,000	\$100,000	Irrigation Efficiencies Program			design	\$10,000	construction	\$190,000					I,P			See Narratives		Highland Irrigation District H-10 Lateral Piping	
		1	Jimmymcelately riparian protection	JSKT/NOLT/WDFW	\$1,000,000	\$850,000	\$150,000	SRFB, PSP, RCO			appraisal/ review/ title report negotiations	\$15,000	purchase	\$985,000					I,P			See Narratives		Jimmymcelately riparian protection	
		3	Meadowbrook Creek habitat restoration	Ducks Unlimited	\$300,000	\$200,000	\$100,000	Federal, private			design/construction	\$100,000	design/construction	\$200,000					W,E			See Narratives		Meadowbrook Creek habitat restoration	
		2,3	Pit Ship Pocket Estuary conservation easement	JSKT, NOLT	\$250,000	\$250,000	\$0	SRFB, PSP, RCO, ESRP			landowner contacts, appraisal	\$15,000	design/construction	\$235,000					E			See Narratives		Pit Ship Pocket Estuary conservation easement	
		2	Washington Harbor habitat protection easement(s) aquision	NOLT/JSKT	\$1,020,000	?	?	SRFB, PSP, RCO, ESRP			Plan & begin work w/landowners	\$10,000	Design & implement	\$1,000,000					E			See Narratives		Washington Harbor habitat protection easement(s) aquision	
		2	Washington Harbor tidal flow restoration	JSKT/CCD/City of Sequim	\$140,000	?	?	SRFB, PSP, RCO, ESRP				\$20,000		\$100,000					E			See Narratives		Washington Harbor tidal flow restoration	
		2	Travis and Paradise Cove Spit Drift Cells protect coastal feeder bluffs	JSKT	\$2,015,000	?	?	SRFB, PSP, RCO, ESRP			Plan&Work w/landowners	\$15,000	Begin to implement	\$1,000,000					M			See Narratives		Travis and Paradise Cove Spit Drift Cells protect coastal feeder bluffs	
Regional																									
		2,3,5	Marine Riparian Initiative	HCCC, ILT, CLC, GPC, RFBG, CD, WSU, Noxious Weed Boards	\$2,000,000	\$1,960,000	\$40,000	Landowners, PSP, CSF, LIP, ALEA			outreach/education, training, planting, monitoring	\$40,000	conservation program development	\$150,000					I, R, M	Marine	1 mile	Protect and restore riparian corridors in the summer chum ESU. In addition to plants, technical assistance, and workforce on public and private lands, this project would provide matching funds to enable a process for landowners to donate conservation easements		Marine Riparian Initiative	
		2 or 3 or 4	Derelict Gear Removal	HCCSE	?	?	?	NOAA, private foundation, ESRP			Inventory	?	Remove	?					E, M	Marine		Inventory marine subtidal areas of Hood Canal for derelict nets and pots and continue removal process		Derelict Gear Removal	
		1 or 2	Riparian Enhancement and Noxious Weed Control	Multiple	300,000	300,000	\$0	federal approp, Noxious weed boards, partner in kind			Survey and inventory	\$75,000	Survey, inventory, remove	\$100,000					R	All except marine		Survey, inventory, and control exotic, invasive vegetation species along high priority freshwater reaches		Riparian Enhancement and Noxious Weed Control	
Hatchery Capital Projects																									
TOTAL CAPITAL NEED:					\$136,489,736	\$84,250,884	\$45,298,852			\$8,554,127	\$32,796,541	\$30,669,036	\$21,378,347	\$5,438,690											
NON-CAPITAL PROGRAMS																									
Harvest Management support																									
			Population Analysis & Modeling	WDFW, Tribes	\$129,250	\$129,250	\$0	?		planning	?	planning	?	Staffing (0.5 FTE)	\$41,000	Staffing (0.5 FTE)	\$43,050	Staffing (0.5FTE)	\$45,200				This program would hire an analyst to address population analysis and modeling needs identified in the recovery plans to help fill gaps identified by the TRT and increase understanding and certainty in the management of salmon recovery.		Population Analysis & Modeling
Future Habitat Project Development																									
			Juvenile Salmonid Research Project	LE Group, co-managers	\$858,500	\$858,500	\$5,000			planning	\$5,000	planning, coordination	?	Staffing (1 FTE - Bio., 4FTEs - Tech.)	\$320,800	Staffing (1 FTE - Bio., 4FTEs - Tech.)	\$262,400	Staffing (1 FTE - Bio., 4FTEs - Tech.)	\$270,300				Conduct survey of juvenile salmonid distribution, behavior, habitat preferences, and life histories of summer chum and chinook salmon. This would be a collaborative effort to address the most important uncertainties outlined in recovery and implementation plans.		Juvenile Salmonid Research Project
			Nearshore Inventory, Assessment, and Coordination	HCCC, Kitsap, Mason, Jefferson	\$300,000	\$300,000	\$0	HCCC and County In-kind			Kitsap County focus to wrap current effort into Hood Canal	?	data collection and analysis; Mason County scoping	\$200,000	landowner outreach, final report, coord with SMPs and SRPs	\$100,000							The goal of this project will be to incorporate existing databases and governmental nearshore assessments in all three counties to develop a prioritized set of voluntary habitat actions and to incorporate best available science into federal, state, and county regulatory programs.		Nearshore Inventory, Assessment, and Coordination
			Conservation Strategy Database	HCCC	TBD					Planning	?	project implementation and coordination	?											Conservation Strategy Database	
Habitat protection -- monitoring of habitat quality																									
			Adaptive management and monitoring	Multiple stakeholders	\$880,000	\$750,000	\$130,000	PSP, County and Tribe Partners			Planning	?	aquatic and riparian habitat status and trends	\$130,000	aquatic and riparian habitat status and trends	\$250,000	aquatic and riparian habitat status and trends	\$250,000	aquatic and riparian habitat status and trends	\$250,000			Direct and cumulative effectiveness mon'g for projects and programs can be implemented concurrently through a rigorous watershed program that meets multiple objectives, including status and trends of habitats, effectiveness of activities, and watershed assessment for future project design. Our proposal is to work within Ecology framework to monitor conditions at WRIA and SRR scales, coordinating and supporting local interests, and communicating with regional roll-up efforts.		Adaptive management and monitoring
Habitat protection -- monitoring of regulatory programs																									
			Adaptive management and monitoring	Multiple stakeholders						See Above												See above		Adaptive management and monitoring	
Habitat protection -- participation in policy or regulatory updates																									
			Landuse Permit Tracking	HCCC	TBD					Implementation, further dev't	?	Implementation, further dev't	?	Implementation, further dev't	?							Continue land use permit tracking database and analysis to assess hypotheses in the Summer Chum SRP regarding build-out, etc.		Landuse Permit Tracking	
			Conservation Strategy Database	HCCC	TBD					Planning	?	project implementation and coordination	?	project implementation and coordination	?							Overlay existing protected areas including voluntary and regulatory programs with high priority conservation areas to determine an integrated conservation strategy.		Conservation Strategy Database	
Watershed Plan Implementation																									
To Be Determined																									
Outreach & Education																									
Multiple																									
Salmon Recovery coordination/implementation																									
			Co-manager General Management and Operations Support Program	Co-managers	\$689,620	?	?	State and Tribal		on-going	?	2 FTE	\$160,000	2 FTE	\$168,000	2 FTE	\$176,400	2 FTE	\$185,220				There is a need to provide oversight and ensure follow-up management and coordination of chinook recovery efforts. Multiple tasks can be implemented through increased capacity at WDFW and the Tribes.		Co-manager General Management and Operations Support Program
			Enforcement Needs Analysis	HCCC	TBD																	Work with local land use jurisdictions and state regulatory agencies to conduct an enforcement needs analysis.		Enforcement Needs Analysis	
			Dosewallips/Duckabush Habitat Planning	Jefferson, HCCC, JLT	TBD																	Work with local community to develop broadly supported habitat recovery projects.		Dosewallips/Duckabush Habitat Planning	

Domain Priority	Bio Rank / EDT	Primary Limiting Factors	Action name and description	Likely sponsor	Total cost	Unfunded Portion	Existing Funding	Source of other funds	2007		2008		2009		2010		2011		Restoration Type	Location w/in watershed	Performance	Brief Description	Action #	Project Name	
									Scope	Cost	Scope	Cost	Scope	Cost	Scope	Cost	Scope	Cost							
			Multiple other - See Summer Chum SRP	HCCC	TBD																		Multiple other - See Summer Chum SRP		
Habitat Project Monitoring																									
			Nutrient Sequestering from Salmon Projects	HCCC, Ecology	\$60,000	\$50,000	\$10,000	Ecology, partner in-kind	create monitoring plans for estuarine levee removals and LWD placements; implement	\$10,000	refine monitoring plans for estuarine levee removals and LWD placements; implement	\$20,000	refine monitoring plans for estuarine levee removals and LWD placements; implement	\$20,000	Implement	\$10,000							This effort to monitor Skokomish and Klingle estuary restoration sites, and LWD placement sites in Little Anderson, Gamble, and Carpenter Creeks will establish the efficacy of 2 types of salmon restoration projects in nutrient sequestering, an important aspect of the Hood Canal low dissolved oxygen effort, and Puget Sound Partnership.		Nutrient Sequestering from Salmon Projects
		2	Anchor Exclusion Eelgrass Effectiveness Monitoring	MRC	\$30,000	\$20,000	\$10,000	NWSC, ESRP, priv. donation	survey	?	survey and analysis	?											This project will monitor the effectiveness of a voluntary anchor exclusion zone offshore of Port Townsend.		Anchor Exclusion Eelgrass Effectiveness Monitoring
Stock Monitoring Support																									
			New Fishcounter at Salmon Creek	NOSC	\$30,000	\$30,000																		New Fishcounter at Salmon Creek	
TOTAL NON-CAPITAL NEED:					\$2,977,370		\$155,000																		
TOTAL CAPITAL & NON-CAPITAL NEED:					\$139,467,106		\$45,453,802																		

Domain Priority	Biological Rank / EDT	Primary Limiting Factors	Action name and description	Likely sponsor	Total cost	Unfunded Portion	Existing Funding	Source of other funds	2007		2008		2009		2010		2011		Restor-ation Type	Location w/in watershed	Performance	Brief Description	Action #	Project Name
									Scope	Cost														
CAPITAL PROJECTS																								
Habitat Capital Projects																								

Salmon Estuary Railroad  
Grade Removal Feasibility  
and Design  
West Uncas Culvert  
Replacement Design  
Oak Bay Park Restoration  
Big Quilcene Levee Removal  
Feasibility - Baclawski  
Kitsap Memorial Bulkhead  
Removal

ALL DUNGENESS AND JCL  
PROJECTS ARE NEW TO  
THIS LIST