PugetSoundPartnership
our sound, our community, our chance

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Organized by Action Agenda Priorities

Puget Sound 2009 - 2010 "Shovel-Ready" Economic Stimulus Projects

Summary

This list of projects represents economic stimulus opportunities identified by the Puget Sound Partnership, which will create and sustain restoration construction jobs and significantly advance ecosystem protection and restoration in the Puget Sound region. The Partnership worked with local watershed groups, tribes, and other state agencies to identify ecosystem restoration projects that are "shovel ready" for construction. All projects on this list are Action Agenda priorities and fit into the following categories: Restore the Puget Sound = $365,606,058; Protect the Puget Sound = $15,685,000; and Stop Pollution in the Puget Sound = $133,693,944

Total Projects: 275
Total Jobs: 17,509
Total Cost: $514,985,002

Goal	Location	Project Description	Funding request	Performance Measure	Status
Prevent Pollution	King Co., WA	**Courthouse Facilities improvement - energy efficiency retrofit** The King County Courthouse and Jail Facilities Environmental and Energy Efficiency Project will consist of 1) improving the controls and ventilation systems of the Jail and Courthouse to reduce energy consumption and improve the physical environment, and 2) converting from Seattle Steam to gas-fired hot water boilers to eliminate the open / "once through" heating system.	$6,280,000		On track for 2009 construction
Prevent Pollution	King Co., WA	**Issaquah Highlands Zero Energy Affordable Housing Project** King County, YWCA -King & Snohomish County,and the City of Issaquah have sought to expand the 10-unit cutting-edge market-rate zero carbon emissions demonstration project to include the adjacent 150-unit affordable housing project.	$7,500,000		On track for 2009 construction
Prevent Pollution	King Co, WA (Kent, Auburn, Algona)	**Kent/Auburn Conveyance System Improvements - Phase A - submitted for WA CWSRF list, FY 2010** This project makes needed repairs improvements to King County's conveyance system.Construct approximately five miles of 18 to 54 inch diameter pipe in Auburn and Kent by 2010 to handle increased flows.	$1,594,944		On track for 2009 construction
Prevent Pollution	King Co., WA	**Wilderness Rim Regional Infiltration Facility Retrofit** Regional facility performace upgrade flooding 12 homes	$200,000		On track for 2010 construction
Prevent Pollution	King Co., WA	**Horseshoe Lake Flood Infiltration** Infiltration facility and pumping flood protection 12 homes	$200,000		On track for 2010 construction
Prevent Pollution	King Co., WA	**Johnson Pond Remediation** Small earthen dam remediation and stormwater wetland restoration. Hazard mitigation grant funded	$265,000		On track for 2010 construction
Prevent Pollution	King Co., WA	**White Center LID-Cntr Hts WetInd** Stormwater wetland enhancement Wa State Dept of Ecology grant support	$40,000		On track for 2010 construction
Prevent Pollution	King Co., WA	**White Center LID- Cell 1** Regional stormwater/wetland facility upgrade	$70,000		On track for 2010 construction
Prevent Pollution	King Co., WA	**White Center LID- Bypass Pump** Stormwater quality treatment and pump replacement	$10,000		On track for 2010 construction
Prevent Pollution	King Co., WA	**RAPID RESPONSE/OPP (1 proj)** One emergency response project per year typically flood reduction facility with envorinmental mitigations	$70,000		On track for 2010 construction

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Prevent Pollution	King Co., WA	**Retrofits of Stormwater Control Facilities** Retrofits of 19 facilities to restore or improve water quality and quantity protection	$380,000		On track for 2010 construction
Prevent Pollution	King Co., WA	**Seola Regional Pond Retrofit** Regional facility flood protection of three homes	$250,000		On track for 2010 construction
Prevent Pollution	King Co., WA	**Jorgenson Stormwater Pipe Rehabilitation** Regional stormmwater pipe replacement in hazardous material clean up site	$650,000		On track for 2010 construction
Prevent Pollution	King Co., WA	**Neighborhood Drainage Projects (3 projects)** Three drainage improvement projects to address flooding and erosion problems	$200,000		On track for 2010 construction
Prevent Pollution	King Co., WA	**Des Moines Stream Restoration** Stream restoration phase of regional stormwater facility	$425,000		On track for 2010 construction
Prevent Pollution	King Co., WA	**Ambaum Way Drainage** Storm drainage line replacement	$300,000		On track for 2010 construction
Prevent Pollution	King Co., WA	**Taylor Cr Maxwell Rd Protection** Storm drainage line addition	$30,000		On track for 2010 construction
Prevent Pollution	Renton, WA	**South Treatment Plant Energy Efficient Preaeration Blower** This project will install two new energy efficient Neuros Turbo brand blowers as replacements to the existing Hoffman centrifugal preaeration blowers. The Neuros Turbo blowers are significantly more energy efficient, require less maintenance, and are much quieter (safer to work on and around) than the existing blowers. The expected energy cost savings are $12,000 for each blower.	$285,000		Permitted
Prevent Pollution	South Snohomish County (Woodinville, WA)	**Brightwater Wastewater Treatment Plant - Solids/Odor Control Facilities -- submitted for WA CWSRF list,FY 2009 and FY 2010.** This project is to construct needed facilities to handle biosolids and control odors at the new Brightwater Treatment Plant. The Brightwater Treatment plant is a new treatment facility under construction in South Snohomish County, built to handle the region's growing needs for wastewater treatment. T	$10,000,000		Permitted
Prevent Pollution	South Snohomish County (Woodinville, WA)	**Brightwater Wastewater Treatment Plant - Influent Pump Station -- submitted for WA CWSRF list, FY 2010** This project is to construct/install influent pumps at the new Brightwater Treatment Plant. The Brightwater Treatment plant is a new treatment facility under construction in South Snohomish County, built to handle the region's growing needs for wastewater treatment.	$10,000,000		Permitted

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Prevent Pollution	Renton, WA	**South Treatment Plant Chemical Storage Upgrade** This project will construct two separate caustic and sodium hypochlorite chemical storage facilities at South Plant.	$425,000		Permitted
Prevent Pollution	Renton, WA	**South Treatment Plant Paint Booth** Replacing existing paint booth with larger modern efficient unit to fully comply with present day codes; enlarging skylights, adding roll-up doors, office space, replacing an existing ½ ton hoist with a one ton and upgrading the air handling unit to both paint shop and lube oil storage areas; lighting improvement in paint shop area.	$763,000		Permitted
Prevent Pollution	Renton, WA	**South Treatment Plant - South Primary Controls Replacement** This project replaces the existing control system for the South Primary treatment process at the South Plant. The project includes variable frequency drive replacment and motor control center replacement in addition to installation of new technology based controls.	$1,600,000		Permitted
Prevent Pollution	Bellevue, WA	**Sweyolocken Force Main Discharge Structure Bioscrubber Odor Control** This project removes a water washed carbon wastewater odor scrubber that releases sulfuric acid to the wastewater convayence system. Water usage by the bioscrubber will be approximately 1,000 gallons per day less than is used by the current system.	$950,000		Permitted
Prevent Pollution	Woodinville, Washington	**Environmental Education / Community Center on the site of the Brightwater Wastewater Treatment Facility** This project is to construct an environmental education facility on the Brightwater wastewater treatment facility site and would include the shell and core for a two building complex. The 15,000 square foot educational space would allow for the build-out of two laboratories, a related preparation room, a series of three meeting rooms, an administration space and exhibit hall to allow this regional environmental education facility to serve the K through adult population.	$10,250,000		Permitted
Prevent Pollution	King Co., WA	**Pipeline Rehabilitation Lining for Hydrogen Sulfide Corrosion Protection** The project will rehabilitate (re-lined) 1250 linear feet of 138" internal diameter concrete pipe located in the King County conveyance system's North Interceptor. The pipeline has corroded due to the presence of hydrogen sulfide.	$1,200,000		Permitted
Prevent Pollution	Puget Sound Wide	**Septic system grants in Puget Sound** Issue grants to local health jurisdictions in Puget Sound to fund onsite septic system management plans	$8,786,000	Identification of septic system status and needs across the Puget Sound	Ready-to-proceed

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Prevent Pollution	Island Watershed	**Low Impact Development Remediation** Design and construction of LID infrastructure	$60,000	Unknown Acres restored/ enhanced	On track for 2010 construction
Prevent Pollution	Lake Washington/ Cedar/ Sammamish Watersheds	**King Street CSO Clean Up - Sediment Managment Plan** The Sediment Management Program addresses sediment contamination cleanups required under federal CERCLA and state MTCA regulations. The SMP objectives are to repair potential environmental damage in a timely, efficient and economical process, to prevent harm to public health, and to limit future liability. This project would accelerate cleanup activities at identified sites.	$2,500,000		On track for 2010 construction
Prevent Pollution	Lake Washington/ Cedar/ Sammamish Watersheds	**Lower Duwamish - Sediment Managment Plan** The Sediment Management Program addresses sediment contamination cleanups required under federal CERCLA and state MTCA regulations. The SMP objectives are to repair potential environmental damage in a timely, efficient and economical process, to prevent harm to public health, and to limit future liability. This project would accelerate cleanup activities at identified sites.	$3,000,000		On track for 2010 construction
Prevent Pollution	Lake Washington/ Cedar/ Sammamish Watersheds	**West Point Waste-to-Energy (W2E) Project** This project would provide and install equipment for the beneficial reuse of methane gas produced as a byproduct of anaerobic solids stabilization processes at the West Point Treatment Plant. The original cogeneration equipment, installed in 1984, is no longer operational. With the original equipment now out of service, any digester gas not used to fuel boilers or raw sewage pump engines is flared to the atmosphere. This project would provide for beneficial reuse of that gas.	$18,000,000		Permitted
Prevent Pollution	Puyallup/ White & Chambers/ Clover Watersheds	**Tacoma Wastewater Treatment Plant Energy Program**	$110,000		On track for 2009 construction
Prevent Pollution	Hood Canal Watershed	**Belfair advanced wastewater treatment facility**	$10,000,000		On track for 2010 construction
Prevent Pollution	Hood Canal Watershed	**City of Shelton treatment plant and satellite WW facilities**	$37,300,000		On track for 2010 construction
Protect	Stillaguamish Watershed	**Country Charm Conservation Area:** Rustic Campground facility for tent camping (equipment, materials)	$220,000		On track for 2010 construction

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Protect	Green/ Duwamish Watersheds	**Seahurst environmental learning center** Remodeling and expansion of building to create a new environmental learning center	$450,000	Building constructed	On track for 2009 construction
Protect	North Olympic Peninsula Watershed	**Salt Creek Habitat Protection** Land Trust will negotiate with willing landowners to acquire development rights by purchase and/or donation	$15,000,000	Proctection of property adjacent to Salt Creek estuary & Crescent Bay	On track for 2010 construction
Protect	Stillaguamish Watershed	**Country Charm Conservation Area:** Educational trail system through river and wetland buffer (3 miles)	$15,000		On track for 2010 construction
Restore	Skagit County MRC	**E. March Pt. Boat Ramp Replacment** The plan is to remove two groins at either side of an existing boat ramp on east March Point with the goal of restoring longshore drift.	$35,000	6,230 feet of shoreline	On track for 2009 construction
Restore	Ecology fish barrier culverts		$1,789,000		
Restore	Nooksack Watershed	**Saxon Reach Restoration (Acme-Saxon Reach Active Channel Logjams -Saxon Bridge)** Stablize/augment existing log jams to stabilize the split flow downstream of the bridge and create holding in a cooler section of the reach.	$450,000	0.75 miles restored; 5 engineered log jams (ELJs)	Fully Permitted
Restore	Nooksack Watershed	**Fobes Creek Reach Restoration (Upper SF Assess)** Stabilize forested islands in the South Fork between RM 18-20.5 to maintain high flow connectivity with existing side channels, while improving habitat in the cool water refuge at the confluence of Fobes Creek.	$322,000	1.4 miles restored; 7-15 ELJs	Fully Permitted
Restore	Nooksack Watershed	**Skookum Reach Project (Upper SF Assess)** Install active channel logjams near the mouth of Skookum Cr re-locating Saxon Road from the river bank to flood plain areas owned by WLT and Lummi Nation, and re storing riparian buffer stands and improving effectiveness of adult capture for Supplementation.	$360,000	0.5 miles restored; 11 acres; 2 ELJ	Fully Permitted
Restore	Nooksack Watershed	**Smuggler's Slough Restoration** The Lummi Indian Nation will reconnect the Lummi and Nooksack River through the historic floodway of Smuggler's Slough. This project will initiate in water work to enhance wetlands in preparation for levee and dike breaches.	$1,789,200	620 acres restored	On track for 2009 construction
Restore	Nooksack Watershed	**Hatchery Intake** Taylor hatchery intake to support South Fork Nooksak Supplementation	$400,000		On track for 2009 construction
Restore	Nooksack Watershed	**Weir Construction** Construct weir to support South Fork Nooksack Supplemntation	$135,000		On track for 2009 construction

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Restore	Nooksack Watershed	**Nooksack Middle Fork LWD Placement** Design, engineer, permit, and construct a suite of engineered log jams and smaller LWD arrays.	$160,000		On track for 2010 construction
Restore	Nooksack Watershed	**South Fork Acme to Saxon Reach HMZ Reconnection: South Fork Regional Park (RM 8.4-8.7)** Design and remove ~400' of riprap and install large wood structures to restore historic connectivity, instream, and floodplain structure and habitat in the reach between SR9 and Williams Pipeline. (South Fork Regional Park)	$446,250	I - 0.1 miles, F - 0.08 miles/10 acres	On track for 2010 construction
Restore	Nooksack Watershed	**Acme-Confluence Reach HMZ Reconnection: Jones/McCarty (RM 7.5-8.0)** Acquire approximately 90 acres bordering the South Fork and on the Jones and McCarty Creek alluvial fans for future HMZ reconnection and off channel habitat and riparian restoration.	$497,250	LR - ~90 acres, P - ~0.3 miles	On track for 2010 construction
Restore	Nooksack Watershed	**Lower Canyon Creek Design and Restoration (Complete Phase 1; Phase 2)** Complete Phase 1-construction of setback toe protection at SR 542; Design and install large wood structures to provide instream habitat in anticipation of potential near term levee breach; design and construct follow-up actions to ensure long-term passage at RM 0.2 following 2009 partial levee removal.	$1,135,000	I - 0.24 miles, P - 3.9 miles	On track for 2010 construction
Restore	Nooksack Watershed	**Glacier/Gallup** Acquire at risk property and remove motel and assoc. structures	$1,000,000	3.5 acres	On track for 2010 construction
Restore	Nooksack Watershed	**Confluence to Saxon Restoration Acquisitions** Acquisition and/or easements to facilitate priority habitat restoration in the South Fork, confluence to Saxon Reach.	$800,000	80 acres	On track for 2010 construction
Restore	Nooksack Watershed	**Squalicum Creek Estuary and Fish Passage Restoration**	$635,000		On track for 2009 construction
Restore	Nooksack Watershed	**Whatcom County Fish Barrier Corrections** 3 fish barriers will be corrected opening 1.6 miles of habitat to anadromous fish on forested streams that eventually flow to the Puget Sound. The streams where the work will occur are Black Slough, Dakota Creek, and a Squalicum Tributary. Also a heavily storm damaged bridge will be repaired on Hard Scrabble Creek	$100,000		On track for 2009 construction
Restore	San Juan Watershed	**Derelict Gear Removal** Restore benthic habitat; Eliminate a direct source of mortality to salmon and other marine species by removing derelict fishing nets from marine waters of San Juan County.	$2,000,000	34 acres restored	Fully Permitted

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Restore	San Juan Watershed	**Thatcher Bay Nearshore Restoration** Beach and nearshore restoration project in Thatcher Bay, Blakely Island	$536,650	1.8 acres to be restored	On track for 2009 construction
Restore	San Juan Watershed	**Resident and Migrant Salmon Nearshore Habitat Identification** Acoustic telemetry study of timing, residency and habitat use of nearshore areas by chinook salmon, steelhead and trout	$200,000	Extends the telemetry monitoring network to San Juan County	On track for 2009 construction
Restore	San Juan Watershed	**Pickett Springs** Replace undersized culvert for fish passage and create salt marsh at mouth of small spring fed system near Olga, WA	$70,000	1 acre salt marsh restored; 500 feet of stream opened	On track for 2009 construction
Restore	Skagit Watershed	**Cottonwood Island** Reconnection of a historic side channel to provide salmonid access to critical tidal wetland habitat in the lower Skagit R.	$2,750,000	5.5 acres; 0.9 stream miles	On track for 2009 construction
Restore	Skagit Watershed	**Fisher Slough Habitat Enhancement** The Nature Conservancy will Build a setback levee, install a self-regulating tidegate and re-route a drainage canal to restore tides and fish access to a 50 acre site on the South Fork Skagit River.	$3,999,860	50 acres restored	On track for 2009 construction
Restore	Skagit Watershed	**Turner's Bay Design Implementation** The Turner's Bay Lagoon on Fidalgo Island is one of the largest of the 12 priority restoration sites listed in the Chinook Recovery Plan.	$860,000	59.4 acres restored	On track for 2009 construction
Restore	Skagit Watershed	**Skagit Hydrodynamic Model** Hydrodynamic modeling of the current and historic Skagit delta necessary to evaluate the interaction of multiple planned restoration projects in the lower Skagit River	$300,000		On track for 2009 construction
Restore	Skagit Watershed	**Red Creek LWD Enhancement** Protect a newly re-opened 1 mile reach of Coho habitat from future flood scour and headcutting resulting from barrier removal in 2007 and high precipitation and snow run-off events experienced in 2009 and projected likely similar event in future years through channel stabilization and pool habitat development. Downstream restoration areas along Red Creek will also benefit from upper reach stabilization and sediment storage.	$93,000	Installation of large woody debris throughout a newly opened 1 mile reach of Coho habitat within Red Creek	On track for 2009 construction
Restore	Skagit Watershed	**Lower Day Creek Restoration** Restoration and protection options to enhance the production of salmonids in the lower Skagit identified in a SRFB-funded feasibility study.	$351,500		On track for 2010 construction

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Restore	Skagit Watershed	**Hansen Creek Floodplain Reconnection** Restore 53 acres of historic alluvial fan and 87 acres of riparian, flow-through forested wetland habitat, restore self-sustaining hydrologic and sediment transport processes through reconnection of the mainstem channel with the historic floodplain site reaches 3 & 4 as the cornerstone restoration for salmon habitat and productivity in the watershed	$988,915		Permitted
Restore	Stillaguamish Watershed	**Stillaguamish Estuary Spartina Control** Control and reduce the amount of invasive Spartina in the Stillaguamish River estuary. This project will prevent the loss of native tidla marsh habitat which provides rearing habitat for juvenile Chinook and other salmon.	$175,110	Estuary-wide Spartina control	Fully Permitted
Restore	Stillaguamish Watershed	**Stillaguamish Knotweed Control** Control and reduce the amount of invasive knotweed in the mainstem Stillaguamish and tributaries and restoration of stream habitat with native plants.	$195,500	Basin-wide knotweed control	Fully Permitted
Restore	Stillaguamish Watershed	**Gold Basin Landslide Remediation Feasibility and Design** Final feasibility study and design for landslide remediation to reduce sedimentation of the South Fork Stillaguamish River	$200,000		On track for 2009
Restore	Stillaguamish and Snohomish Watersheds	**Derelict Fishing Gear Removal** Identify and remove derelict fishing gear from sites in the Snohomish and Stillaguamish Nearshore	$150,000		On track for 2009
Restore	Stillaguamish Watershed	**Steelhead Haven**	$100,000		On track for 2009 construction
Restore	Stillaguamish Watershed	**Graafstra Off-leash pet area (fencing and obstacles)**	$15,000		On track for 2009 construction
Restore	Stillaguamish Watershed	**Graafstra Community Garden Facility (rain collection drip irrigation system, fencing)**	$18,000		On track for 2009 construction
Restore	Stillaguamish Watershed	**Stillaguamish North Fork ELJ Installations**	$600,000		On track for 2009 construction
Restore	Stillaguamish Watershed	**Hazel Hole ELJs**	$30,000		On track for 2009 construction
Restore	Stillaguamish Watershed	**Lesmeister Channel Project**	$150,000		On track for 2009 construction

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Restore	Stillaguamish Watershed	**Lower Pilchuck Floodplain Restoration**	$170,000		On track for 2009 construction
Restore	Stillaguamish Watershed	**Portage Creek system Levee maintenance**	$100,000		On track for 2009 construction
Restore	Stillaguamish Watershed	**Pilchuck Creek Low Flow/ Sediment Assessment and Projects** Assess low flow and sediment conditions in Pilchuck Creek and identify potential habitat protection and restoration projects. This project needs additional funding beyond SRFB Round 9 allocation.	$58,024		On track for 2009 construction
Restore	Stillaguamish Watershed	**Blue Slough Channel Reconnection Phase II** Install two large culverts to reconnect historic side channel under rail to trail berm.	$297,500	Barriers removed	On track for 2009 construction
Restore	Stillaguamish Watershed	**SF Big Trees** 15 acres unfunded additional riparian planting opportunities along SF Stilly identified.	$210,000	15 acres planted	On track for 2009 construction
Restore	Stillaguamish Watershed	**North Meander fill removal** Remove fill from North Meander restoration project.	$1,000,000	~4.6 acres removed during the restoration project must be moved off-site.	On track for 2009 construction
Restore	Stillaguamish Watershed	**Creosote Log Removal**	$30,000		On track for 2009 construction
Restore	Stillaguamish Watershed	**Buffalo Farm Wetland Restoration**	$150,000		On track for 2009 construction
Restore	Stillaguamish Watershed	**Robb tributary to Portage in-stream habitat and riparian planting (materials)**	$8,000		On track for 2009 construction
Restore	Stillaguamish Watershed	**Wetland restoration confluence of Portage and Kruger Creek (equipment, materials)**	$22,000		On track for 2009 construction
Restore	Stillaguamish Watershed	**Edgecomb Crown riverine wetland restoration (equipment, materials)**	$80,000		On track for 2009 construction
Restore	Stillaguamish Watershed	**Newell Machine tree and shrub planting (needs soil augmentation, materials)**	$3,000		On track for 2009 construction
Restore	Stillaguamish Watershed	**Portage Creek Mill reach tree and shrub planting (materials)**	$2,500		On track for 2009 construction

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Restore	Stillaguamish, Island, and Snohomish Watersheds	**GAR Cemetery, Phase 2** Cemetery Creek Riparian planting	$20,000		On track for 2009 construction
Restore	Stillaguamish Watershed	**Kayak Point Regional Park Backshore Habitat Enhancement**	$606,426		On track for 2010 construction
Restore	Stillaguamish Watershed	**Port Susan Preserve Estuary Restoration** Set back dike to restore tidal marsh habitat near mouth of Hat Slough. This project will increase critical rearing habitat for juvenile Chinook and other salmonids.	$598,400	130 acres of tidal march restored	On track for 2010 construction
Restore	Stillaguamish Watershed	**Country Charm Conservation Area:** Conversion of abandon manure lagoon to fishing pond (equipment, materials)	$34,000		On track for 2010 construction
Restore	Stillaguamish Watershed	**Country Charm Conservation Area:** Portage Creek Mill Reach in-stream, off-channel (equipment, materials)	$12,000		On track for 2010 construction
Restore	Stillaguamish Watershed	**Edgecomb creek Instream habitat (equipment, materials)**	$140,000		On track for 2010 construction
Restore	Stillaguamish Watershed	**Post Middle School Wetland restoration (equipment, materials)**	$16,000		On track for 2010 construction
Restore	Stillaguamish Watershed	**South Slough restoration (equipment, restoration)**	$410,000		On track for 2010 construction
Restore	Stillaguamish Watershed	**Edgecomb creek tree and shrub planting (equipment, materials)**	$14,000		On track for 2010 construction
Restore	Stillaguamish Watershed	**Upper North Fork Road Relocation and Instream Restoration** Relocate forest road away from Upper North Fork River bank, install 15 log jams and enhance riparian vegetation	$242,250	Reduce stream temperature by narrowing and deepening the stream channel and increasing riparian forest cover	On track for 2010 construction
Restore	Stillaguamish Watershed	**Canyon Creek Forest Road 4150 Mainline Treatments** Construct culvert replacements, fill stabilization and other treatments for the mainline roads	$518,075		On track for 2010 construction
Restore	Stillaguamish Watershed	**Squire Creek Road 2040 Storm-proofing** Improve drainage to reduce risk of sedimentation from Forest Road 2040 to critical Chinook salmon habitat in Squire Creek	$212,500		On track for 2010 construction

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Restore	Stillaguamish Watershed	**Culvert Replacement 28308 15th Ave. NE** Replace failing 36" diameter CMP culvert with a 108" diameter CMP pipe.	$434,000		Permitting
Restore	Island Watershed	**Kristoferson Farm Riparian Restoration** Riparian planting along Kristoferson Creek on Kristoferson Farm	$8,000	Unknown miles restored/ enhanced	Fully Permitted
Restore	Island Watershed	**Spartina Removal Projects** Identification and removal of Spartina anglica throughout Island County	$40,000	Unknown Acres Restored	Fully Permitted
Restore	Island Watershed	**Livingston Bay Nearshore Acquisition & Restoration** The Nature Conservancy will acquire and protect 43 acres of ecologically important nearshore and marine riparian habitat in northwest Port Susan Bay, Island County, WA and restore a 10-acre barrier lagoon.	$1,900,000	43 acres restored	On track for 2009 construction
Restore	Island Watershed	**Ala Spit Enhacement & Protection** Enhancement and restoration or nearshore processes and habitat in the vicinity of Ala Spit	$267,000	1.72 Acres	On track for 2010 construction
Restore	Island Watershed	**Derelict Net Removal** Identification & removal of derelict fishing nets in Island County	$150,000	Unknown Miles Restored	On track for 2010 construction
Restore	Island Watershed	**Cornet Bay County Pier** Removal of creosote material, replacement with less toxic alternative	$150,000	Unknown water quality improvement	On track for 2010 construction
Restore	Island Watershed	**Native Vegetation Enhancement at County Upland Parks** removal of non-native vegetation and planting of native plant species	$42,500	Unknown Acres restored/ enhanced	On track for 2010 construction
Restore	Island Watershed	**Maxwelton Creek Fish Passage Culverts** Replacement of fish passage barriers identified in 2005 creek inventory	$140,000	Unknown miles made accessible	On track for 2010 construction
Restore	Island Watershed	**Kristoferson Creek Enhancement-Barnum Road** Replacement of 4 fish passage blocking culverts and riparian plantings	$76,500	Approx. 4+ miles made accessible & 500' riparian enhancement	On track for 2010 construction
Restore	Island Watershed	**Lower Quade Creek Enhancement** Culvert replacement & riparian enhancement	$6,750	Unknown miles restored & made accessible	On track for 2010 construction
Restore	Island Watershed	**Upper Kristoferson Creek Enhancement** 4 tributary culvert replacements and riparian plantings	$60,000	Unknown miles restored & made accessible	On track for 2010 construction

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Restore	Island Watershed	**Cornet Bay Estuary Restoration** Restore approximately 350 lineal feet of nearshore habitat used by forage fish to spawn and Chinook and other salmon species to forage and rear	$250,000	* Re-establish forage fish spawning habitat to improve sand lance and surf smelt populations * Re-enable nearshore sediment-transport processes and drift cells and restore sunlight penetration for intertidal eelgrass bed habitats * Restore feeder bluff sediment access to coastal geologic erosional processes and shoreline accretion * Reduce polycyclic aromatic hydrocarbons (PAHs), creosoted debris and pilings from nearshore.	On track for 2010 construction
Restore	Snohomish Watershed	**Skykomish R/Snohomish Knotweed Survey and Management Plan** Survey Skykomish & Snohomish R floodplain for invasive knotweeds, develop strategic management plan, and begin initial eradication in priority areas. Establish Cooperative Weed management area with local entities & partners.	$100,000	10 acres treated (more surveyed)	Control in 2009 and 2010
Restore	Snohomish Watershed	**Qwuloolt Estuary Restoration Project**	$300,000		Fully Permitted
Restore	Snohomish Watershed	**Tolt Levee Setback** Project will restore 40 acres of floodplain habitat to functioning condition and involves moving about 2,500 feet of levee, constructing engineered log jams, and installing recreational amenities, all within an existing county park.	$500,000	Acres of floodplain habitat restored to functioning condition	On track for 2009
Restore	Snohomish Watershed	**Sans Souci Neighborhood Buyout** Purchase and remove homes in high flood and erosion hazard area. Project is also a priority of the WRIA 7 Chinook Plan	$2,663,255		On track for 2009 construction
Restore	Snohomish Watershed	**Alpine Manor Mobile Home Park Neighborhood Buyout** Purchase and remove homes and relocate residents at risk from flooding and severe channel migration. Project is also a priority of the WRIA 7 Chinook Salmon Plan	$6,596,211		On track for 2009 construction
Restore	Snohomish Watershed	**Snoqualmie River levee setback (Mcelhoe-Person)** Design and construction for levee setback - mainstem of Snoqualmie River (levee setback or removal at Mcelhoe Levee and floodplain restoration/ reconnection)	$2,000,000		On track for 2009 construction

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Restore	Snohomish Watershed	**Tulalip Bay Nearshore Restoration Assessment** Assessment to direct improvement of eelgrass and forage fish spawning habitat.	$200,000	2 miles restored	On track for 2009 construction
Restore	Snohomish Watershed	**Priest Point Tidal Lagoon Restoration Assessment** Feasibility study for tidal lagoon reconnection within private properties.	$100,000	0.4 miles restored	On track for 2009 construction
Restore	Snohomish Watershed	**Smith Island Estuary Restoration** Dike Breaching to restore tidal influence and provide critical juvenile rearing habitat	$3,200,000	400 acres created/treated	On track for 2009 construction
Restore	Snohomish Watershed	**Snohomish Estuary Sitka Spruce Supplementation** Plant 2000 5g Sitka spruce on remnant dikes on Otter, Spencer, Mid Spencer, Smith, and North Ebey islands	$50,000	5 acres treated	On track for 2009 construction
Restore	Snohomish Watershed	**Pilchuck River at Lund & Schwarzmiller props. Pilchuck River** LWD placement/riparian planting	$50,000		On track for 2009 construction
Restore	Snohomish Watershed	**Pilchuck River at Russo property** Pilchuck River LWD placement/riparian planting	$25,000		On track for 2009 construction
Restore	Snohomish Watershed	**Snohomish River Floodplain Riparian Restoration** New riparian floodplain planting at two sites-1) Fields Riffle and 2) Bob Hierman Regional Park. Phase Two restoration work (alder and willow thinning, supplemental planting, and under story conifer planting) will be conducted at Fields Riffle and Swan Trail Slough and at least two (2) 5 to 10 year old restoration sites. The Solatka site will incorporate a pilot "sustainable working buffer" strategy with harvestable native plant materials.	$185,100	15 acres treated	On track for 2009 construction
Restore	Snohomish Watershed	**DD-6 Tidal Marsh Restoration** Restore freshwater riverine tidal flow to provide critical juvenile rearing habitat.	$1,000,000	250 acres created/treated	On track for 2009 construction
Restore	Snohomish Watershed	**Stillwater Wildlife Area Riparian**	$35,000		On track for 2009 construction
Restore	Snohomish Watershed	**Buck Island, Monroe Skykomish River/Woods Cr. Riparian Planting**	$25,000		On track for 2009 construction
Restore	Snohomish Watershed	**Snoqualmie Mainstem Juvenile Habitat Enhancement (Chinook Bend)** Assessment to direct large woody debris placement, side-channel restoration, and riparian vegetation enhancement; 0.4 stream miles/ 5 acres treated. (Chinook Bend levee removal and floodplain enhancement)	$1,000,000	0.4 stream miles/ 5 acres treated	On track for 2009 construction

Goal	Location	Project Description	Funding request	Performance Measure	Status
Restore	Snohomish Watershed	**Raging River Knotweed Control and Riparian Restoration** Control areas infested with knotweed (surveyed in 2008) and replant 10 acres of riparian habitat with native plants.	$100,000		On track for 2009 construction
Restore	Snohomish Watershed	**Richardson Creek Bridge** Remove one bridge and replace another at the mouth of Richardson Creek, both of which are passage barriers.	$36,000	Open 3.9 miles spawning/ rearing habitat for coho and some Chinook.	On track for 2009 construction
Restore	Snohomish Watershed	**FEMA 07 Flood Repairs- Tuck Cr** Stream channel sediment removal, conveyance restoration	$70,000		On track for 2010 construction
Restore	Snohomish Watershed	**Waterwheel Creek** Extend naturalized channel (Waterwheel Creek) further upstream across the newly-identified partner's 15 acre property. This project would tie in directly with WFC's SRFB-KCD-NFWF funded project immediately downstream .	$120,000	0.5 stream miles treated	On track for 2010 construction
Restore	Snohomish Watershed	**Skykomish Mainstem Side-Channel Restoration at Tychman Slough** Improve 2 miles of side-channel mainstem habitat to provide increased juvenile flow refuge and edge habitat.	$250,000	2 stream miles treated	On track for 2010 construction
Restore	Snohomish Watershed	**North Ebey & Mid-Spencer Islands habitat enhancement** Remove over 20,000 cubic yards of diking material to enhance breaches and connectivity with other estuary projects.	$475,000	tidal marsh: 350 acres treated	Permitting
Restore	Snohomish Watershed	**Pilchuck River Mainstem Juvenile Habitat Enhancement** Large woody debris placement and riparian vegetation enhancement to improve edge rearing habitat and prevent sediment input to spawning areas.	$250,000	0.4 stream miles/ 5 acres treated	Soon to be permitted
Restore	Snohomish Watershed	**Snohomish County Fish Barrier Correction** One fish barrier will be corrected opening 2 miles of habitat to anadromous fish on a tributary to Jordan Creek, a forested stream system that eventually flows to the Stillaguamish River	$130,000		On track for 2009 construction
Restore	Snohomish, Lake Washington/ Cedar/ Sammamish Watersheds	**Riparian vegetation restoration** King County small habitat restoration projects - riparian revegetation - countywide	$500,000		On track for 2009 construction
Restore	King Co., WA	**Elliott Bridge Levee Setback and Acquisition** Complete hazard mitigation projects (buyouts, levee setback, etc) for repetitive loss reach currently constrained by armored banks that do not offer adequate flood risk reduction in a residential area.	$2,174,770		On track for 2009 construction

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Restore	Lake Washington/ Cedar/ Sammamish Watersheds	**Salmon Bay Natural Area Restoration** Restoration of Salmon Bay shoreline, including creosote piling removal, bulkhead removal, removal of debris in nearshore area, removal of invasive plant species, and planting of native vegetation.	$290,000		On track for 2009 construction
Restore	Lake Washington/ Cedar/ Sammamish Watersheds	**Ballard Locks Stoney Gate Valve Replacement** Converting control valves from electronic to hydraulic syste, which will prevent juvenile and adult entrainment	$2,500,000	Reduced salmon mortality	On track for 2009 construction
Restore	Lake Washington/ Cedar/ Sammamish Watersheds	**Lake Washington Boulevard, Alaska/Adams Street Beach Renourishment** The project involves the placement of sand and gravel over the existing quarry spall substrate in two locations along Lake Washington Boulevard South, South Alaska Street and South Adams Street.	$60,000		On track for 2009 construction
Restore	Lake Washington/ Cedar/ Sammamish Watersheds	**Cedar River levee setback (Rainbow Bend)** Design and construction of restoration improvements - mainstem of the Cedar River (Rainbow Bend levee removal and floodplain restoration; assumes cost share with Flood District and/or Seattle HCP)	$1,500,000		On track for 2009 construction
Restore	Lake Washington/ Cedar/ Sammamish Watersheds	**North Creek School Restoration (now Clearwater) N378** Restoration of 4-acre site including rip-rap removal, LWD placement, bank bio-engineering and native planting.	$200,000	0.27 miles instream with riparian buffer	On track for 2009 construction
Restore	Lake Washington/ Cedar/ Sammamish Watersheds	**Billy Creek Knick Point Ph 1** Stream stabilization	$40,000		On track for 2010 construction
Restore	Lake Washington/ Cedar/ Sammamish Watersheds	**May Valley Channel Stabilization** Channel erosion stabilization	$70,000		On track for 2010 construction
Restore	Lake Washington/ Cedar/ Sammamish Watersheds	**May Valley Channel Conveyance Improvement** Channel debris removal and buffer restoration	$40,000		On track for 2010 construction

Goal	Location	Project Description	Funding request	Performance Measure	Status
Restore	Lake Washington/ Cedar/ Sammamish Watersheds	**Billy Creek Knick Point Ph 2** Stream stabilization	$80,000		On track for 2010 construction
Restore	Lake Washington/ Cedar/ Sammamish Watersheds	**WRIA 8 Beach nourishment project - ESRP**	$200,000		On track for 2010 construction
Restore	Lake Washington/ Cedar/ Sammamish Watersheds	**OO Denny Shoreline Restoration** Shoreline erosion stabilization at Lake Washington	$45,000		On track for 2010 construction
Restore	Lake Washington/ Cedar/ Sammamish Watersheds	**Little Bear Creek Restoration of Protection Projects** Assess Feasibility and develop project designs for newly acquired properties on Little Bear Creek and its tributaries	$30,000	0.5 miles instream and riparian; 15 acres upland	On track for 2010 construction
Restore	Lake Washington/ Cedar/ Sammamish Watersheds	**Paradise Valley Conservation Area Restoration - Bear Creek N276** Remove invasive plants and restore riparian buffer vegetation along upper Bear Creek at the Paradise Conservation Area (1999-2000 purchase with SRFB funds)	$85,000	0.5 miles instream and riparian and 10 acres upland	On track for 2010 construction
Restore	Lake Washington/ Cedar/ Sammamish Watersheds	**Issaquah Integrated Fish Passage** Modification of Issaquah Hatchery intake dam to allow unhindered adult passage of Chinook and Coho.	$300,000	Open up 10 miles of habitat	On track for 2010 construction
Restore	Lake Washington/ Cedar/ Sammamish Watersheds	**Mouth of Mapes Creek Restoration** Design to daylight and restore small creek mouth for juvinile Chinook rearing habitat in South Lake Washington	$3,000,000	Restore 1 acre of habitat	On track for 2010 construction
Restore	Green/ Duwamish Watersheds	**North Winds Weir** Shallow water habitat rehabilitation at river mile 6.3: create 2 acres of off channel, shallow water habitat in the transition zone	$2,000,000	2 acres restored	Fully Permitted

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Restore	Green/ Duwamish Watersheds	**Federal Horseshoe Bend Levee - Kent** Repair damages to the federal Horseshoe Bend Levee in Kent. This levee protects a significant area of industrial, commercial, and residential development in the Green River Valley.	$4,000,000		On track for 2009 construction
Restore	Green/ Duwamish Watersheds	**Vashon/ Maury Islands Portage Asessment** KCRSD proposes to investigate the Portage area isthmus between Vashon and Maury Islands to determine the geologic history, shoreline processes that shaped the isthmus, potential benefits and impacts to the salt marsh and Quartermaster Harbor from opening the area to tide and wave action, effects of sea level rise and recommend design criteria.	$173,050	6.5 acres restored	On track for 2009 construction
Restore	Green/Duwamish Watershed	**Foster Golf Links Water Reuse Pipeline - submitted for WA CWSRF list, FY 2009** The project will extend reclaimed water service to Foster Golf Links for turf irrigation. This will allow the golf course to reduce withdrawals from the Green River. The project will construct a 4-inch and 6-inch reclaimed water service line approximately 500-feet from the Interurban Reclaimed Water Transmission Line to the golf course irrigation pond. The project will also include flow metering, backflow prevention, automated pond filling based on level control, and associated electrical work.	$182,250		On track for 2009 construction
Restore	Green/ Duwamish Watersheds	**Fenster Levee Off-Channel and Floodplain Restoration** Restore critical off-channel rearing and spawning habitat in the area of Auburn.	$588,600	700 feet off channel rearing habitat restored	On track for 2009 construction
Restore	Green/ Duwamish Watersheds	**Salmon Recovery Habitat Restoration on Green River (Pautzke)** Design and construction of restoration improvements - mainstem of the Green River Pautzke levee setback and floodplain restoration)	$3,000,000		On track for 2009 construction
Restore	Green/ Duwamish Watersheds	**Big Spring Creek** Construct new stream channel to replace ditch. Connect cold water springs to Newaukum Creek.	$1,900,000		On track for 2009 construction
Restore	Green/ Duwamish Watersheds	**Mullen Slough Tributary 048 Improvement** Channel conveyance improvement, stream restoration	$50,000		On track for 2010 construction
Restore	Green/Duwamish Watershed	**Southwest Drfit Cell Protection and Restoration (NS-11)** Acquisition for restoration habitat forming proceeses feeder bluff habitat that provides critical habitat for juvenile salmon and forage fish in the marine nearshore (Normandy Park).	$2,000,000		On track for 2010 construction
Restore	Green/Duwamish Watershed	**Seahurst Seawall Removal and Beach Feeding Restoration Phase II (NS-5)** Remove some or all of a seawall to restore beach feeding proceeses and riparian vegetation.	$2,000,000	3000 feet marine nearshore beach restored	On track for 2010 construction

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Restore	Green/Duwamish Watershed	**Duwamish Gardens Estuary Restoration (DUW-7)** Restore estuarine transition zone habitat that provides critical habitat for juvenile salmon in the Duwmaish Transition Zone (Tukwila).	$1,500,000	1.5 acres shallow water habitat restored	On track for 2010 construction
Restore	Green/Duwamish Watershed	**Howard Hanson Dam Fish Passage** Cost share with the Corps. The Howard Hanson Dam Additional Water Storage Project fish passage facility is at the 95% design phase and currently going through agency-mandated reviews. The work includes excavation to final design elevation and tunnels installation, facility, and outbuildings construction.	$153,000,000	46 miles of spawining habitat opened up	On track for 2010 construction
Restore	Green/Duwamish Watershed	**Mill CreekOff-Channel Restoration and Fish Passage Barrier Removal (LG-7)** Restore critical off-channel habitat that provides rearing habitat for juvenile salmon in the lower Green River subwatershed(Kent).	$3,500,000	Fish access and 1600 feet rearing habitat restored	On track for 2010 construction
Restore	Green/ Duwamish Watersheds	**Soos Creek Large Woody Debris Placement** Place instream logs to improve aquatic habitat near the mouth of Soos Creek, the largest tributary of the Green River downstream of RM 65.	$250,000		On track for 2010 construction
Restore	Green/Duwamish Watershed	**Riverton Creek Flap Gate (DUW-8)** Rehabilitate habitat within Riverton Creek and improve connection to the Duwamish to improve fish passage and provide off-channel rearing and refuge habitat (Tukwila).	$595,000	Provides fish access to rearing off channel rearing hanitat.	On track for 2010 construction
Restore	Green/Duwamish Watershed	**Riverview Park Levee Setback (LG-7)** Restore critical off-channel rearing and spawning habitat in the area of Kent.	$2,000,000	800 feet off channel rearing restored	On track for 2010 construction
Restore	Green/Duwamish Watershed	**King County Fish Barrier Correction** One fish barrier will be corrected opening 2.6 miles of habitat to anadromous fish on Thomas Creek, a forested stream system that eventually flows to the Green River	$150,000		On track for 2009 construction
Restore	Puyallup/ White & Chambers/ Clover Watersheds	**Greenwater River LWD Placement** Removal/decommissioning of forest service road; placement of several LWD structures in mainstem and tributary streams; Floodplane restoration	$650,000		On track for 2009 construction
Restore	Puyallup/ White & Chambers/ Clover Watersheds	**Clover Creek floodplain restoration**	$800,000		On track for 2009 construction

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Restore	Puyallup/ White & Chambers/ Clover Watersheds	**Lower Boise Creek Restoration** The Lower Boise Creek Construction project will restore channel, floodplain, and riparian conditions at the mouth of Boise Creek, a right-bank tributary to the White River near river mile 23.3.	$150,000		On track for 2009 construction
Restore	Puyallup/ White & Chambers/ Clover Watersheds	**Clover Creek Restoration - Parkland Prairie & Wildlife Preserve**	$28,000		On track for 2009 construction
Restore	Puyallup/ White & Chambers/ Clover Watersheds	**Puyallup River silt bench restoration**	$500,000		On track for 2009 construction
Restore	Puyallup/White and Chambers/ Clover Creek	**Titlow Beach Pocket Estuary Restoration** Replace culvert/tidegate through BNSF railroad to improve connectivity and fish passage between Titlow lagoon and Puget Sound, beach cleanup/ enhancement	$300,000	2.6-3.1 acres restored	On track for 2010 construction
Restore	Puyallup/White and Chambers/ Clover Creek	**Canyon Creek flood detention**	$750,000		On track for 2010 construction
Restore	Nisqually Watershed	**Nisqually Estuary Restoration** Restore 762 acres of salt marsh habitat. This is the highest priority restoration action in the Nisqually Basin, the largest marsh restoration project in Puget Sound, and will increase South Puget Sound marsh area by 50%.	$5,000,000	762 acres restored	Fully Permitted
Restore	Nisqually Watershed	**Red Salmon Slough Levee Removal** The Nisqually Indian Tribe will complete removal of 6700 feet of old river levee limiting Nisqually River flooding of 150 acres of restored tidal marsh on the East bank of the Nisqually River Delta. Work will compliment ongoing restoraiton of the Refuge, and complete 11 years of restoration on tribal land.	$214,141	6,700 feet of shoreline	On track for 2009 construction
Restore	Nisqually Watershed	**Nisqually River Knotweed Project** Expand capacity to locate and remove knotweed this year and in 2010 in the upper watershed, to minimize the chance of knotweed re-infesting lower watershed areas.	$312,217	Acres treated/controlled	On track for 2009 construction

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Restore	Nisqually Watershed	**Lower Ohop Valley acquisition and restoration** In two phases, restore 2.3 miles of lower Ohop Creek to original condition with connected and revegetated floodplain, shallow and sinuous channel and in- and off-channel habitat features. This include acquisition of 130 acres for restoration and permanent protection.	$5,580,000	200 acres riparian restoration, 100-130 acres land acquisition, 2.3 miles of new channel constructed	On track for 2010 construction
Restore	Nisqually Watershed	**East Nisqually Reach Beach Nourishment Pilot**	$80,000		On track for 2010 construction
Restore	Nisqually Watershed	**Mashel Eatonville Reach in-stream Restoration Phase II** Secure landowner willingness, design and construct next phase of restoration of Mashel in the Eatonville Reach from Smallwood Park to Little Mashel confluence. Add more log-jams and increase off-channel habitat.	$950,000	1 mile treated,	On track for 2010 construction
Restore	Deschutes Watershed	**South Sound Beach Nourishment Pilot / Assessment** As bulkheads continue to harden the shoreline and cut off access to feeder bluffs, beaches are being starved of the sediment they need to keep from being stripped of gravels. This project will look into the extent of the problem and solving it with mitigation that could include strategic placement of sediment for drift cell transport	$13,000	South Sound marine shorelines	Fully Permitted
Restore	Deschutes Watershed	**East Bay Nearshore Restoration, Phase II** Restore fringe saltmarsh along East Bay Drive in Budd Inlet	$100,000	350' of saltmarsh recreation	On track for 2009 construction
Restore	Deschutes Watershed	**Squaw Point Bulkhead Removal** Remove existing 400' bulkhead and add LWD	$50,000	400' bulkhead removed	On track for 2009 construction
Restore	Deschutes Watershed	**West Bay Shoreline Softening** The City of Olympia is converting West Bay Drive from industrial to recreation / habitat. With guidance from the Lead Entity, they plan to create fish-friendly habitat attributes	$100,000	0.75 miles of habitat	On track for 2009 construction
Restore	Deschutes Watershed	**South Sound Forage Fish Assessment Project** Assess the spawning and foraging status of the numerous forage fish in the South Sound. Currently no information exists for anchovy and little for herring.	$12,175	Projects that enhance / protect forage fish in South Sound	On track for 2009 construction
Restore	Deschutes Watershed	**Eld Inlet Marine Riparian Revegetation** Plant two miles of shoreline with native vegetation	$30,000	2 miles revegetated	On track for 2009 construction
Restore	Deschutes Watershed	**Butler Cove Estuary Recreation** The project will restore over one acre of estuary and restore passage to the freshwater stream that feeds Butler Cove by removing a defunct tidal dam and tons of silt.	$150,000	1 acres estuary restored, access to 0.5 miles of habitat	On track for 2009 construction

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Restore	Deschutes Watershed	**McLane Estuary Shoreline Restoration** Remove existing buildings and shoreline armoring followed by revegetation with native plants on property owned by Capitol Land Trust	$25,000	1500' restored	On track for 2009 construction
Restore	Deschutes Watershed	**Beachcrest Estuary Restoration Project** Nisqually Reach, removal of 250' of bulkhead, opening up 1.4 acre estuary and access to 3/4 miles of freshwater spawning and rearing habitat by installing a 14' bridge. Additionally, it will be daylighting 150' tidal channel.	$50,000		On track for 2009 construction
Restore	Deschutes Watershed	**Ellis Creek Fish Passage Project** A full blocking culvert prevents fish passage a river mile 0.5 on Ellis Creek. Replacing the culvert would open up 2.5 miles of habitat and build on the passage project at the mouth by the City of Olympia	$600,000	2.5 miles restored	On track for 2009 construction
Restore	Kennedy/ Goldsborough Watersheds	**WRIA 13 and 14 Bulkhead Removal Study** Work with the two Lead Entities to determine high priority areas and willing landowners to remove 5-10 bulkheads.	$48,000	Remove 5-10 bulkheads in South Sound	Fully Permitted
Restore	Kennedy/ Goldsborough Watersheds	**Expanded Watertyping Assessment, Phase III** This project will work with the Lead Entity and municipalities to map 'lost' habitat, identifying where streams are not given appropriate protection when there are fish present. This will focus on first and second order streams and tributaries to Puget Sound	$100,000	Identify unclassified streams. For example, other studies have 'found' over 70 miles of streams not listed on any map	Fully Permitted
Restore	Kennedy/ Goldsborough Watersheds	**Dougall Point Lagoon and Beach Restoration: Phase II, Construction** Remove 400' of creosote bulkhead in addition to removing armor and rip-rap that confines the mouth of a lagoon	$212,000	1 acre lagoon restored and 400' of bulkhead removed	On track for 2009 construction
Restore	Kennedy/ Goldsborough Watersheds	**Youngs Cove Estuary Restoration** Restore 15000 ft sq of shoreline by removing a derelict boat ramp and pond impeding passage	$85,000	15,000 sq ft restored	On track for 2009 construction
Restore	Kennedy/ Goldsborough Watersheds	**Big Cove Estuary Restoration Project** Totten Inlet, Removing a blocking earthen dam and 100' of associated shoreline armoring. This will be a complete restoration, nothing will be replaced, thereby restoring tidal processes to this 2 acre tidal estuary.	$20,000		On track for 2009 construction
Restore	Kennedy/ Goldsborough Watersheds	**Skookum Creek Gravel Project** Re-introduce 1000 cubic yards of clean gravel to this system that has become incised by human activity	$47,000	2,000' restored	On track for 2009 construction

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Restore	Kennedy/ Goldsborough Watersheds	**Skookum Creek Riparian Revegatation** Revegetate the lower reach of Skookum, 800 linear feet 150' in width	$11,000	800' planted, 150' wide	On track for 2009 construction
Restore	Kennedy/ Goldsborough Watersheds	**Istvan Intertidal Fish Passage Project** Eld Inlet. Restoring access and tidal processes to a 2-acre lagoon by completely removing a blocking culvert.	$5,000		On track for 2009 construction
Restore	Kennedy/ Goldsborough Watersheds	**Satsop Area Fish Passage**	$100,000		On track for 2009 construction
Restore	Kennedy/ Goldsborough Watersheds	**Lower Skokomish Fish Enhancement**	$300,000		On track for 2009 construction
Restore	Kennedy/ Goldsborough Watersheds	**Gibbons Creek Fish Passage**	$100,000		On track for 2009 construction
Restore	Kennedy/ Goldsborough Watersheds	**Nalley Island Dike Removal**	$1,400,000		On track for 2009 construction
Restore	Kennedy/ Goldsborough Watersheds	**McLane Cove Estuary Reconnection** Current match amount is $75,000 from local and state resources. Remove existing blocking culvert restoring natural tidal flow into a small 1.5 acres pocket estuary. Fish use includes: Coho; resident and coastal cutthroat trout. When reconnection occurs, forage and refuge provided for ESA-listed Puget Sound Chiook and winter Steelhead. Partners include: local WRIA 14 salmon habitat recovery Lead Entity Committee; Washington State Salmon Recovery Funding Board. Potential revegetation of the site by Mason County jail trustees. Project designs 100%, construction bid documents being prepared, all permits have been received.	$620,000		On track for 2009 construction
Restore	West Sound Watersheds	**Carpenter Creek Estuary Restoration** Remove tidegate, restore tidal function	$700,000	26 acres restored	Fully Permitted
Restore	West Sound Watersheds	**Milwaukee Dock Eelgrass Restoration Project** Fill dredged boat basin, replant or allow natural recolonization of eelgrass. NOAA will manage this project (John Kern, lead).	$825,440	4.5 acres restored	Fully Permitted: 2009

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Restore	West Sound Watersheds	**Chico Estuary: Road Removal and Final Driveway** construct driveway in prep for removal of culvert	$480,000	1,000 Linear ft stream restored	None Needed
Restore	Kennedy/ Goldsborough Watersheds	**Mason and Thurston County Invasive Plant Eradication Partnership** Invasive plant species pose a massive threat to flora and fauna of South Puget Sound and Hood Canal, choking conifers and displacing native species along streams, creating temperature and erosion concerns along freshwater streams and saltwater inlets. Mason Conservation District will partner with: the Lead Entities for salmon recovery in WRIA's 11, 13, 14, and 16; Thurston Conservation District; Thurston County; Mason County; WSU Extension; People for Puget Sound; South Sound Green; Stream Team; Nisqually Indian Tribe; Squaxin Indian Tribe; and the Skokomish Indian Tribe to eradicate existing known areas of knotweed and English ivy infestations and identify additional infestation areas to eliminate. Contracts will be created for licensed applicators to apply herbicide to eliminate invasive knotweed. The contractor will have a field crew of six to 10 people, with the possibility of several crews. Additionally, several ivy eradication crews of an additional six to 10 people each will be hired to begin the labor intensive task of ivy removal. Outreach will be a component of the proposal, with community-wide volunteer days as well to create long-term stewardship of the watersheds. These crews will monitor the sites as well, removing any immerging or new infestations.	$300,000		
Restore	West Sound Watersheds	**Pritchard Park West restoration** Completes shoreline restoration - Eagle Hbr	$330,000	415 ft	On track for 2009 construction
Restore	West Sound Watersheds	**Pritchard Park East restoration** Restores bluff and beach	$425,000	500 ft	On track for 2009 construction
Restore	West Sound Watersheds	**Chico Creek Instream Restoration Phase 2 Construction** Second phase of creek restoration, critical for overall project	$800,000	1,000 Linear ft stream restored	On track for 2009 construction
Restore	West Sound Watersheds	**Indianola Water-front Preserve restoration** Replace a 15" culvert with bridge,remove fill	$200,000	3.5 acres	On track for 2009 construction
Restore	West Sound Watersheds	**Little Minter fish passage** Good start for H-integration and adaptive management, because of the extensive research and habitat information on this stream	$120,000	2 miles	On track for 2009 construction
Restore	West Sound Watersheds	**Huge Creek Fish passage** Not included	$60,000	1 mile	On track for 2009 construction
Restore	West Sound Watersheds	**Harper Estuary Restoration** Opens up the tidal area at historic pocket estuary	$1,000,000	5 acres	Permitting

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Restore	West Sound Watersheds	**Beaver Creek phase 4** Last phase of Beaver Ck. Restoration	$600,000	1 mile	Permitting
Restore	Hood Canal Watershed	**USFS Skokomish Watershed Road Decommissioning** Decommission highest priority roads for aquatic risk	$1,000,000	20 miles decommissioned	Fully Permitted
Restore	Hood Canal Watershed	**Mid-Hood Canal Large Woody Debris Engineered Log Jam**	$800,000		On track for 2009 construction
Restore	Hood Canal Watershed	**Hood Canal Regional Riparian Enhancement**	$300,000		On track for 2009 construction
Restore	Hood Canal Watershed	**Stavis NRCA Boyce Creek Seawall Removal** The project will remove 550 feet of seawall on Hood Canal and restore 800 feet of stream channel on a property that is managed by DNR as part of the Stavis Natural Resources Conservation Area (NRCA).	$171,196	10 acres restored	On track for 2009 construction
Restore	Hood Canal Watershed	**Snow-Salmon Railroad Grade Restoration** Implement completed design project to remove all or portions of abandoned railroad grade and soften armored shoreline sections	$550,000	20 acres restored	On track for 2009 construction
Restore	Hood Canal Watershed	**Upper Quilcene Bay Ward Property Acquisition** Acquisition of property for restoration and protection. The property is the last piece of unprotected land between the Little Quilcene River, the river estuary and the southern terminus of Quilcene Bay. It receives tidal influence during high tide consisting of 16+ acres of Uplands and 70+ acres of Tidelands (86.99 acres total).	$54,441	87 acres restored	On track for 2009 construction
Restore	Hood Canal Watershed	**Skokomish Estuary Island Restoration** Obliterate levees, borrow ditches, and tidegates on Skokomish Estuary Island	$1,500,000	300 acres restored	On track for 2009 construction
Restore	Hood Canal Watershed	**Hamma Hamma Engineered Log Jams & Off-Channel Habitat Restoration** The next phase includes enhancement of the natural breech of the south levee between the main channel and the off-channel rearing habitat, excavation and establishment of off-channel rearing habitat covering approximately 2.5 acres in the estuary, placement of three (3) Engineered Log Jams (ELJ) in the main south channel, planting of aquatic plants and placement of LWD for cover in the off-channel rearing habitat followed by appropriate signage and follow on monitoring.	$91,552	2.5 acres restored	On track for 2009 construction

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Restore	Hood Canal Watershed	**Little Quilcene Estuary Delta Cone Removal** Remove accumulated sediment deposits at mouth of Little Quilcene River to restore functional linkages between freshwater and saltwater physical processes	$750,000	10 acres	On track for 2009 construction
Restore	Hood Canal Watershed	**Big Quilcene Engineered Log Jam Restoration, Phase 2b** Place 4 to 6 Engineered Log Jams to improve channel and floodplain connectivity and complexity, and remove levees	$500,000	0.25 miles restored	On track for 2009 construction
Restore	Hood Canal Watershed	**Upper Dosewallips Wood Restoration** Place log jams 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	$700,000	2 miles	On track for 2009 construction
Restore	Hood Canal Watershed	**Big Beef Creek LWD** Work with IMW program to implement LWD loading projects below Lake Symington	$400,000	4 miles	On track for 2009 construction
Restore	Hood Canal Watershed	**Upper South Skokomish Wood and Riparian Enhancement** Place woody debris and engineered jams in upper forks and tributary junctions; riparian plantings	$600,000	1 mile	On track for 2009 construction
Restore	Hood Canal Watershed	**Duckabush Wood Restoration** Place log jams by helicopter and conventional means in strategic locations owned by the USFS and private citizens	$750,000	1 miles	On track for 2009 construction
Restore	Hood Canal Watershed	**Lower Tahuya Wood Loading** Place log jams by helicopter and/or conventional means in strategic locations owned by private citizens	$500,000	4 miles	On track for 2009 construction
Restore	Hood Canal Watershed	**Lower Dosewallips Levee Removal** Remove levees and riprap in the State Park, increase wood loading where appropriate	$750,000	0.5 miles	On track for 2009 construction
Restore	Hood Canal Watershed	**Skokomish Farms Berm Removal and Flood Fencing** Remove push-up berm and install flood fencing to restore flood flows and prepare for riparian plantings	$75,000	1000 feet berm removed	On track for 2009 construction
Restore	Hood Canal Watershed	**Hood Canal Priority Reach Riparian Planting** Improve riparian habitats along ESA-listed salmon spawning reaches in Snow/Salmon, Little/Big Quilcenes, Dosewallips, Duckabush, Skokomish, and Tahuya Rivers	$300,000	60 acres	On track for 2009 construction
Restore	Hood Canal Watershed	**Knotweed Regional Control Strategy Implementation** Implement highest priority actions to control knotweed in the lead entity area, including inventory, control, and plantings	$200,000	10 miles restored	On track for 2009 construction

Goal	Location	Project Description	Funding request	Performance Measure	Status
Restore	Hood Canal Watershed	**Unca's Road Culvert Replacement on Salmon Creek** Replace passage barrier blocking over 1 mile of summer chum spawning habitat	$750,000	1 mile restored	On track for 2009 construction
Restore	Hood Canal Watershed	**Skokomish South Fork LWD**	$200,000		On track for 2010 construction
Restore	Hood Canal Watershed	**Hoodsport-Potlatch-Core Reservation Projects**	$15,000,000		On track for 2010 construction
Restore	Hood Canal Watershed	**Duckabush Estuary Pierce Slough Assessment and Design** Reach assessment and design to improve chum and chinook rearing habitat degraded by culvert barriers, floodplain fill, degraded riparian area, and flooding	$150,000	20 acres	On track for 2010 construction
Restore	Hood Canal Watershed	**Chimacum Estuary Restoration, Phase 2** Restore estuarine and shoreline functions by removing fill and replanting shoreline; work with Ecology on toxics remediation	$200,000	15 acres	On track for 2010 construction
Restore	Hood Canal Watershed	**Lilliwaup Instream Restoration Design** Work with landowners to design restoration project to remove fill in lower floodplain, enhance woody debris, and replant riparian areas	$100,000	1 mile	On track for 2010 construction
Restore	Hood Canal Watershed	**Union and Tahuya River Instream Design** Inventory instream conditions, complete reach analyses, and design restoration projects in high priority reaches	$200,000	4 miles	On track for 2010 construction
Restore	Hood Canal Watershed	**Lower Skabob Creek Complexity** Place woody debris by helicopter to improve rearing habitat in tidal creek system	$100,000	0.5 miles	On track for 2010 construction
Restore	Hood Canal Watershed	**Union River Salt Marsh Restoration Design** Design final plans to breach levees strategically and enhance tidal channels to restore tidal inundation to 40 acres of historic salt marsh; revegetate backshore; enhance adjacent channels	$150,000	40 acres	On track for 2010 construction
Restore	Hood Canal Watershed	**Snow-Salmon Watershed Road Decommissioning Design** Survey and design effort to decommission highest priority roads for aquatic risk	$150,000	4 miles	On track for 2010 construction
Restore	Hood Canal Watershed	**Snow-Salmon Creeks Riparian and Instream Design** Inventory riparian and instream conditions, complete reach analyses, and design restoration projects in high priority reaches	$200,000	2 miles	On track for 2010 construction

Goal	Location	Project Description	Funding request	Performance Measure	Status
Restore	Hood Canal Watershed	**Big Quilcene Middle Reach Analysis and Design** Reach analysis to determine feasibility for restoring floodplain and channel functions and then design treatments for LWD and riparian actions	$150,000	0.25 miles	On track for 2010 construction
Restore	Hood Canal Watershed	**Little Quilcene Riparian and Instream Design** Inventory riparian and instream conditions, complete a reach analysis, and design restoration projects in high priority reaches	$250,000	2 miles	On track for 2010 construction
Restore	North Olympic Peninsula Watershed	**Ediz Hook A Frame Site Shorline Restoration** Remove remaining structures , beach restored through grading, replacement of beach material to stabilize the roadway for public use.	$475,000	Protection of habitat along shoreline for about 1500'	On track for 2009 construction
Restore	North Olympic Peninsula Watershed	**Elwha River Estuary Restoration** Project will build on west levee for fish passage along with other ecosystem restoration	$300,000	Open about 7-8 acres of estuary/ wetlands, improving fish access to estuary	On track for 2009 construction
Restore	North Olympic Peninsula Watershed	**Agnew Irrigation District Piping** Replacing approximately 8 miles of the Agnew Irrigation District A-18 and A-22 laterals with pipeline.	$1,150,000	Replacing approximately 8 miles of the Agnew Irrigation District A-18 and A-22 laterals with pipeline, resulting in an estimated in-river water savings of 0.8 cfs.	On track for 2009 construction
Restore	North Olympic Peninsula Watershed	**Dungeness Irrigation Group Water Conservation Project** Comprehensive irrigation ditch-piping project of 3 major laterals in the Dungeness Group system.	$1,000,000	piping project that will result in anticipated in-river water savings of 2.5-3 cfs	On track for 2009 construction
Restore	North Olympic Peninsula Watershed	**Dungeness Irrigation District Water Conservation Project** A comprehensive irrigation ditch-piping project which will enclose the entire Dungeness District distribution system.	$800,000	From Town Road to the end of the system, estimated water savings of 0.8 cfs. Woodcock road to dike project, estimated water savings of 0.75 cfs.	On track for 2009 construction
Restore	North Olympic Peninsula Watershed	**Hoko (Phase I) - Emerson Flats LWD restoration** Install LWD to this reach.	$700,000	(1) Restore spawning and rearing habitat. (2) Create habitat complexity.	On track for 2009 construction
Restore	North Olympic Peninsula Watershed	**Elwha ELJ's** With removals of 2 dams planned, efforts are being made to restore floodplain habitat conditions in the lower Elwha River prior to dam removals, with ELJ just part of the project.	$800,000	Installation of 25-35 ELJ	On track for 2009 construction

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Restore	North Olympic Peninsula Watershed	**Elwa Dam removal and early prep work** Elwha River enumeration weir	$1,500,000		On track for 2009 construction
Restore	North Olympic Peninsula Watershed	**Hoko (Phase II) Mainstem (RM 1-7) riparian revegetation** This project will compliment phase I by restoring the riparian zone along the Hoko Mainstem, RM 1-7, which is known Fall Chinook habitat.	$255,000		On track for 2009 construction
Restore	North Olympic Peninsula Watershed	**Sekiu, Clallam, Pysht riparian revegetation** Restore the riparian zone along the independent tributaries to the Strait of Juan de Fuca.	$255,000		On track for 2009 construction
Restore	North Olympic Peninsula Watershed	**Valley Creek Restoration Phase III** Remeander middle section of Valley Creek between Hwy 101 and PA Harbor. Remeandering 1,600 feet.	$900,000		On track for 2009 construction
Restore	North Olympic Peninsula Watershed	**Salt Creek Final Fish Passage Corrections** Removal of the remaining barriers on private, County, & State roads	$3,200,000	13 barriers removed, open min. of 5 miles of habitat - 2 barriers in 2009; 9 barriers in 2010	On track for 2009 construction
Restore	North Olympic Peninsula Watershed	**Elwha Culvert Replacement (Griff creek)** Remove barrier pipe and replace with bridge on Olympic Hot Springs road.	$100,000	Open 2300' of additional quality habitat	On track for 2009 construction
Restore	North Olympic Peninsula Watershed	**Lower Elwha hatchery outfall and berm removal** Removal of 2000' channel between hatchery & river to allow ingress & egress of fish to the hatchery. When channel built, it was a straight ditch * spoils on both sides on channel.	$650,000	Removal of 2000' berms	On track for 2009 construction
Restore	North Olympic Peninsula Watershed	**Lower Dungeness Dikes Setback, Phase II** Move & setback dikes which currently constrict the river, keeping it from critically-needed floodplain	$5,000,000	approx 179 acres of restored floodplain	On track for 2010 construction
Restore	North Olympic Peninsula Watershed	**Lower Dungeness Channel Remeandering & ELJ, Phase III** Strategically remeander the river and add wood to restore needed floodplain and river processes.	$1,650,000	approx 1.75 miles of restored river	On track for 2010 construction
Restore	North Olympic Peninsula Watershed	**Morse Creek Remeander (WDFW Property)** Restoration of the 1939 stream channel	$400,000	1100' dike removed, 2 LJ, & reconnection of 9.3 ac of floodplain	On track for 2010 construction

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Restore	North Olympic Peninsula Watershed	**Meadow-brook Creek Restoration** Reconnect Meadbrook slough with Dungeness River System	$120,000	250 ft of channel, approximately 20 acres floodplain habitat	On track for 2010 construction
Restore	North Olympic Peninsula Watershed	**Washington Harbor Restoration** Restore unimpeded fish access & habitat forming processes	$750,000	Culvert removal	On track for 2010 construction
Restore	North Olympic Peninsula Watershed	**Ballast Water Treatment Test Facility** Treatment of ballast water onboard ships is essential for the protection of coastal waters from invasive biological species. The ability to ensure that commercial treatment systems are effective through rigorous testing is becoming a serious bottleneck to the installation of treatment systems on the thousands of ships that discharge ballast water into US coastal waters each year (about 4000 visits per year in Washington State). A ballast water treatment test facility is ready for construction during 2009 in Sequim, Clallam County (Marine Science Laboratory, PNNL, BMI).	$1,200,000	Completion of the ballast water test facility	On track for 2009 construction
Restore	North Olympic Peninsula Watershed	**Elwah Dam Removal** Advance removal of the Elwah Dam from 2012 to 2010	$51,780,000	Open up over 70 miles of stream habitat in Olympic National Park	On track for 2010 construction
Restore	North Olympic Peninsula Watershed	**Clallam County Fish Barrier Corrections** 3 fish barriers will be corrected opening 2.6 miles of habitat to anadromous fish on forested streams that eventually flow to the Straits of Juan De Fuca.	$250,000	Open up over 70 miles of stream habitat in Olympic National Park	On track for 2009 construction
		TOTAL	**$514,985,002**		