

Summary of Member Jurisdiction & WRIA Forum Grants Awarded in 2009

Grantee	Project Title	Amount MJ	Amount WRIA	Project Description
City of North Bend	Phase II Riverfront Ivy Removal Project	\$ 10,000	\$ 35,000	Working with willing landowners and community members to restore the riparian forest near and within the park by conducting training in invasive weed control and native plantings.
Mountains to Sound Greenway Trust	Raging River Knotweed Survey and Control		\$ 50,000	Finish the river survey and begin control efforts, starting with the highest known knotweed infestations in the basin and working downstream. A minimum of six additional miles will be surveyed, 12 acres of knotweed to be controlled, and in select areas, native plants will be planted. Education and outreach will be an important component of this project because it involves both private and public land.
King County	Riparian Restoration for Patterson Ck and Raging Rvr		\$ 50,000	Implement habitat restoration priorities in the Patterson Creek and Raging River basins by contacting 250 landowners, performing 4 workshops, creating a prioritized list of project sites for restoration, installing livestock fencing, native plants, and removal of invasives.
Stewardship Partners	Snoqualmie Restoration Maintenance Crew 2010		\$ 50,000	Conduct maintenance on completed restoration projects and other agency funded projects where funding has been expended (other grant sources where long term maintenance funds were not provided or on older KCD grants that did not have maintenance budgets) with a focus on riparian projects with agricultural landowners.
King County-Noxious Weed Control Program	South Fork Snoqualmie Invasive Knotweed Control Project		\$ 26,250	Implementation of planned approach to control invasive knotweed including ongoing survey work to refine distribution knowledge, development of priorities, community education, and outreach, rapid response to high priority infestations, monitoring and evaluation of results to increase community support and strengthen voluntary control of knotweed in the watershed.
King County	Monitoring the Effectiveness of Snoqualmie and Tolt River Restoration Phase 2		\$ 66,495	Measure changes in aquatic and floodplain habitat in response to major restoration projects on the Snoqualmie River such as Chinook Bend and Camp Gilead, and on the lower Tolt River with repeat LiDar, aerial photography, and bathymetric surveys for comparison with pre-project 2009 conditions. 1,800 acres of river and floodplain will be surveyed along with 6.5 miles of the rivers.
King County	2010 Snoqualmie Project Support and Capacity Building Program		\$ 100,200	Maximize regional success in implementing the Snohomish River Basin Salmon Conservation Plan and broader management activities through project coordination, capacity building, and water resource outreach and education.
King County	McElhoo-Person Levee Setback Design		\$ 81,255	Design alternatives analysis and completion of 30% design plans of the preferred alternative for the removal or setback of the levee. The design alternatives analysis will consider several options for restoring off-channel habitat, improved edge conditions, and will develop a cost/benefit analysis for each. Construction is anticipated in 2011.
		Total WRIA 7	\$ 469,200	
City of Kenmore	Swamp Creek Park Restoration	\$ 20,000	\$ 80,000	Multi-phased clean-up and native vegetation planting project. Phase I will be inventory of conditions, clean up, site prep and permitting, cleaning up debris, seeding the site for planting and restoration, and permitting. Phase II will be a plan and installation of plants on an estimated 1.3 miles of Swamp Creek and Sammamish River Shorelines.
King County	Cedar Elliot Bridge Reach Acquisition		\$ 321,589	Complete the acquisition of seven contiguous parcels along both banks on the Lower Cedar River. Properties in question received significant flood damage in January 2009 and are high priorities for the Salmon Plan and the KC Flood Hazard Reduction Plan. The properties are adjacent to newly vacated lands for the former Elliot Bridge. All lands will be maintained as permanent open space, slated for future restoration of habitat for fish and wildlife.
King County	2010 Outmigrant Trapping in Bear Creek and the Cedar River		\$ 178,900	Assess the number of juvenile salmon produced in the rivers and streams of WRIA 8 to evaluate the status of salmon populations, report this info, and to evaluate the overall effectiveness of conservation actions.
King County	2010 Chinook Ground Spawning Surveys		\$ 129,858	Expand knowledge of reproductive life history, geographic and temporal distributions, spawning abundance and hatchery stray rates for Chinook salmon in WRIA 8. This knowledge is necessary to aid managers and planners in effective resource management, land-use decision making in regional salmon conservation planning, and provide info crucial to biological assessments under the ESA.
KCNWCP	Cedar River Coordinated Invasive Knotweed Control Project		\$ 57,850	Increase ecosystem health and the functioning of riparian forests along the Cedar River and trbs through the implementation of a planned approach to control invasive knotweed which includes ongoing survey work, priority development, community education and outreach, rapid response control by crews, and monitoring and evaluation of results.
Cascade Land Conservancy	Lower Cedar River Knotweed Eradication		\$ 49,858	Extend knotweed control efforts downstream from SPU and KCNWCP efforts for at least 1.1 river miles to the Jones Reach of the Lower Cedar River on private and publicly owned land as funding and permission allow. Replanting of native trees and shrubs at some sites in the late fall and early winter lead by Friends of the Cedar River Watershed.
Mountains to Sound Greenway Trust	Issaquah Creek Restoration at Lake Sammamish State Park 2010		\$ 50,000	Restore 8.5 acres of riparian habitat along 1000 feet of Issaquah Creek and the oxbow by removing aggressive non-native weeds and increasing native riparian buffer by planting native trees and shrubs with the help of volunteers and conservation corps crews.
Western Academy of Beaux Arts	Beaux Arts Shoreline Restoration Design		\$ 50,000	Restore about 730 feet of non-profit owned and managed Lake WA shoreline to improve Chinook rearing habitat, inspired by the WRIA 8 Shoreline workshops and Green Shoreline handbook. Funding would support work by a landscape architect and/or engineer to produce a final restoration site design and three community meetings to incorporate community needs and ideas into the design.
Mid Puget Sound Fisheries Enhancement Group	Upper Kelsey Salmon Habitat Restoration Project		\$ 56,000	Designs for LWD and bioengineering project on the stretch of Kelsey Creek flowing through a residential area near 148th Street in Bellevue where there is currently unsuitable spawning substrate for salmon and bank erosion
Adopt a Stream Foundation	Bear-Evans Streamkeepers		\$ 45,000	Educate urban-suburban landowners to be better stewards of their streams, improve riparian buffers, and stream habitat to improve water quality in Bear and Evans Creeks. Door to door contact and installation of LWD and plants.
King County	Salmon Watchers 2010-2011 Program		\$ 36,745	A volunteer program that educates and trains watershed residents about salmon life history and ID. Participants attend a two hour training and go out to specific sites to record salmonid presence info semiweekly in WRIA 8 during Sept-Dec, volunteers submit data sheets monthly to document their observations. The data augments existing technical data collected by sponsoring agencies.
Friends of the Cedar River Watershed	2010 Cedar River Salmon Journey (12th Year)		\$ 25,400	Volunteer based program informing and engaging the public about storm water pollution, salmon recovery, and water quality issues with the ultimate goal of encouraging behavior changes toward environmentally sustainable actions. New activities include follow up with 2009 respondents to find out what actions they took.
Seattle Aquarium Society	Beach Naturalist Program 2010 (WRIA 8)		\$ 12,600	Grass roots public education campaign designed to teach citizens about how to protect and conserve the nearshore environment.
Stewardship Partners	Rain Garden Training and Installation Project		\$ 20,000	Classroom training, hands on installation of demonstration rain garden projects and extensive community outreach to educate participants on the linkage of effective storm water management to the health of Puget Sound.
King County	Lake Sammamish Chinook and Kokanee Project ID and Feasibility		\$ 45,000	Identify and scope ten habitat restoration projects near the confluence of Lk Sammamish trbs and the lake, along the shore, and within the Sammamish River that will benefit Chinook and native Kokanee to supplement the WRIA 8 salmon plan.
King County, WLRD	WRIA 8 Beach Nourishment Project		\$ 200,000	Create four beach nourishment projects to understand which methods work best ecologically and which methods are the least costly over the long run. Grant funds will be used to produce 30% design plans and a monitoring plan for four projects along the railroad portion of the marine shorelines of WRIA 8.
		Total WRIA 8	\$ 1,358,800	

City of Black Diamond	Lake Sawyer Boat Launch Access/Habitat Improvement Project	\$ 7,000	\$ 23,000	Complete the design and fund a low impact parking lot improvement project, install enhanced shoreline protection and utilize volunteers to plant native plants designated by the design.
Seattle, SPU	Year 3/2009 Olympic Sculpture Park Post Construction Monitoring	\$ 75,000	\$ 30,000	Monitoring the OSP shoreline to assess how urban shoreline habitat improvement projects perform and how they can be improved in the future.
Green/Duwamish Watershed Alliance	Duwamish Restoration and Education Program		\$ 9,000	Removal of invasive plants and replacement with native vegetation and mulch on 100 feet of steep shoreline and approx 3,000 sq ft of adjacent top bank while also working with community partners to create a cache of watershed curriculum for teachers at all grade levels for addressing watershed topics. Teacher training workshop will be held for up to 25 Tukwila School District teachers which will focus on Duwamish Riverbend Hill and Green/Duwamish watershed.
Mid Puget Sound FEG	Big Spring Creek Smolt Trapping Project		\$ 19,000	Collection of baseline data about juvenile Coho salmon that use the creek habitat prior to a KC rechannelization project planned in the future by placing a smolt trap in the creek in mid March 2010 through May checking the trap daily, counting, measuring, and identifying, and releasing fish back into the stream.
King County	WRIA 9 Project Implementation 2010		\$ 88,100	In order to meet the goal of implementing as many salmon habitat improvement projects as possible as per the WRIA 9 Salmon Habitat Plan, King County is requesting this grant to provide an adequate level of staffing, skills, and resources necessary to implement complex large-scale habitat and acquisition projects. The activities funded by this grant will fill in the gaps in technical expertise, experience, knowledge of available resources, and problem solving ability of jurisdictions implementing projects.
Environmental Science Center	Watershed Restoration Education 2009		\$ 30,000	Expand their current education programs to students and adults in WRIA 9 to inspire changes in behavior and raise awareness about water quality and salmon habitat.
Seattle Aquarium Society	Beach Naturalist Program 2009		\$ 17,000	Grass roots public education program designed to teach Puget Sound citizens how to protect and conserve the nearshore environment with a continued emphasis on salmon in the nearshore.
Cascade Land Conservancy	Marine View Park Community Restoration Program 2009		\$ 15,792	In partnership with the City of Normandy Park, CLC will host volunteer habitat restoration educational events in order to re-establish native plant communities and improve water quality at the site which is a priority nearshore protection and restoration area for juvenile Green-Duwamish Chinook salmon.
King County	Pt Heyer Drift Cell Preservation		\$ 250,000	Preserve an entire, intact, substantially undeveloped drift cell on Vashon Island protecting critical beach nourishment processes and habitat in order to aid ESA listed salmonids
King County	Middle Green River Habitat Restoration 2009		\$ 57,000	Restoration of portions of three sites (Whitney Park Bridge, Kanaskat Natural Area, Gary Grant Soos Creek Park). Site prep, planting native plants, ensuring survival of plantings through clearing and spraying invasive vegetation, and watering new plants.
City of Kent, Public Works	Downey Farmstead Restoration 2009		\$ 100,000	Demolition of concrete foundations from four buildings, site clearing, and removal of debris to prepare site for future side channel (salmon habitat and refuge) and floodplain storage in the Lower Green River to be constructed in the future.
City of Kent, Public Works	Riverview Park Channel Restoration-Design Plans 2009		\$ 250,000	Complete the design plans for project, which will be 800ft side channel, parallel to main stem of the Green, including LWD, gravel, native plantings (Confluence of Auburn Lower Mill Creek is south of the project)
		Total WRIA 9	\$ 888,892	
Seattle Public Utilities	Thornton Creek Knickerbocker Reach Floodplain Restoration Project-Design & Permitting	\$ 100,000		Final design and permitting for a project that addresses floodplain function, instream, and riparian habitat in an urban stream, identified as a critical site for floodplain reconnection on Thornton Creek which is prone to frequent flooding. Once completed the project will restore 800 ft of creek floodplain and off channel wetland habitat, removing rock lined banks and fill, placing large woody debris (LWD), and instream gravel. Pre-lim design already in place.
Seattle Public Utilities	44 th Ave NE Floodplain Restoration	\$ 100,000		Design and construction of floodplain reconnection and riparian restoration which will remove an existing house and address localized flooding, restore natural stream processes, and serve as a demonstration project for urban streamside property owners. An active floodplain will be created by removing bank armoring, laying back stream bank, regrading to provide additional flood storage, replanting with native vegetation, and placing woody debris.
City of Redmond	Valley Estates Bank Stabilization & Culvert Replacement Design	\$ 93,738		Design and permitting for a project on 1,800 feet of stream channel to include the replacement of an outfall culvert with a fish passable box culvert, regrading the lower channel for weirs, removal of existing weir, decommissioning sediment pond, floodplain stabilization, vegetative buffer enhancement, and placement of instream habitat structures.
Seattle Public Utilities	Maple Creek Floodplain and Stream Channel Restoration	\$ 100,000		Design and construction of stream and riparian corridor restoration project located primarily on private property on lower Maple Creek to address sediment transport, flooding, restore natural stream processes by modifying the current channel alignment on private property, removing creek bypass pipe, placement of woody debris and boulders, removal of invasive vegetation, and replacement with native plants.
City of Issaquah	Bernsten Park Native Plant Stewardship Project	\$ 6,500		Funds requested to pay for City match to support the recruitment, training, and mentoring of Native Plant Stewards East King County program for another year. Out of which a team of local stewards will restore a portion of creek buffer in the Issaquah Park. The stewards will develop a planting and management plan, recruit volunteers, conduct work parties to remove invasives, plant natives, and perform maintenance.
Seattle Public Utilities	Green Roof Stormwater Monitoring	\$ 200,000		The second phase of research, data collection, and modeling to complete the monitoring and data collection from several green roof sites in Seattle to evaluate the efficiency of green roofs as stormwater retention facilities. The results will be provided to DOE and the public in support of using green roofs as a stormwater best management practice.
City of Des Moines	Barnes Creek 223 rd Street Culvert Replacement Project	\$ 153,000		Replacement of an undersized culvert with a larger box culvert in order to remove a fish barrier to good spawning habitat in the upper reach of Barnes Creek. Once this fish barrier and two others are removed 1.5 miles of creek will be available for fish habitat. Cutthroat trout have been documented below the fish barrier but virtually none have been found above. All construction will be within City right of way.
City of Kirkland	Dog Waste Education and Disposal	\$ 9,000		Provide dog waste bags to the public in parks with printed messages about the health risks of dog waste, install more dog waste stations in Kirkland parks, and create and install education signage about health and environmental risks associated with dog wastes.
City of Bothell	Youth Water Education/Conservation Program	\$ 5,000		K-12 water conservation and sustainability educational program offered by Nature Vision in cooperation with the City and area water utilities.
City of Bellevue Utilities	Watershed Outreach Campaign	\$ 17,000		Educate citizens about stormwater and the Best Management Practices that the average homeowner can do to be stewards of the Kelsey Creek watershed, flyer will be sent out with info about the watershed and how to protect it with a postage paid reply card to send back for incentive items related to certain BMPs to encourage behavior changes.
City of Bellevue	Larsen Lake Riparian and Greenbelt Enhancement Project	\$ 89,000		Improve existing degraded wetland habitat around Larsen Lake located in the Lake Hills Greenbelt which contains the headwater wetlands for Kelsey Creek in partnership with Native Plant Society steward training program.
Fauntleroy Watershed Council as agent for Fauntleroy Church	Fenton Glenn Creek Restoration and Revegetation Project	\$11,575-Seattle		Complete in-stream restoration of Fauntleroy Creek by restoring approx 100 feet of mainstem and trib channel on the Church property adjacent to Fauntleroy Park. Removal of invasives specifically yellow archangel.

City of Burien	Eagle Landing/Salmon Creek Vegetative Management Plan	\$ 15,000	Fund a management plan that would provide an inventory, restoration goals, and phased action plan for vegetative habitats in the Eagle Landing Park with additional inventory and mapping data developed for Salmon Creek ravine covering 100 acres of park land. Process would include public input and participation in the plan development.
City of Lake Forest Park	Town Center Nature Park Acquisition	\$ 29,000	Purchase property adjacent to Town Center for future park development
City of Kent, Parks	Fall Environmental Restoration Projects at Clark Lake Park	\$ 9,998	Planting project at Clark Lake Park with 430 native trees and shrubs installed by citizen volunteers and school children to restore salmon and other wildlife habitat at Releaf, and Make A Difference Days.
City of Bellevue Utilities	Pollutant Spill Response Stations	\$ 30,000	Assemble equipment and materials to go into 10 bins for mitigating illicit discharges strategically located in city. City will review past spills and KCD funds will be used to purchase supplies to put the stations together.
City of Kent, Parks	Native Plant Maintenance Intern	\$ 3,800	Hiring a trained volunteer as intern to devote 10 hours per week between two parks to regularly weed and water plants.
City of Bellevue Utilities	Storm Drain Marking Program Extension	\$ 35,000	Mark at least 6,000 additional public storm drains with Don't Pollute, Drains to Stream, pay for markers and adhesive, interns salaries to do on the ground work in summer, and contract management support to educate public and reduce pollutants entering waterways.
City of Clyde Hill	Arbor Day Celebration 2009	\$ 1,763	Education of students on the value and proper care of trees. Activities include poem and poster contest and book prizes.
City of Kent, Parks	Green Kent Partnership	\$ 95,000	In partnership with Cascade Land Conservancy, develop a 20-Year Action Plan to manage natural areas, including urban forests and open space and cultivate volunteer support for the action plan.
City of Bellevue	Pilot Demo Proj-145th Place Natural Drainage Practices Monitoring	\$ 25,000	Research and development of monitoring systems to quantify the functionality of the natural drainage pilot project designed to address the necessity of underdrains and the infiltration capacity of pervious sidewalks.
City of Seattle, Seattle Public Utilities	Pre-Project Monitoring for Natural Drainage System Project Effectiveness in Venema Creek	\$ 102,000	Monitoring and sampling in Venema Creek measuring biological, physical, and water quality/chemical parameters at five study sites prior to installation of a natural drainage system project designed to treat stormwater runoff.
Woodinville	Stormwater Master Plan	\$ 54,693	Develop a plan that complies with surface water related requirements as described in the NPDES Phase II Permit and others. The study will be used to identify program activities and capital projects to meet its required stormwater related responsibilities and deadlines.
King County	King County Ag Program 2009	\$ 264,000	Sustain and enhance agriculture in King County by providing marketing and promotion support for local ag, addressing drainage issues in the Lower Green APD, providing permit assistance to farmers, assisting with flood recovery and risk reduction, and providing support to improve the success of farm operations, especially for new farmers. Specific elements supported by the grant include Puget Sound Fresh farm product promotion, coordination of farmers markets, assistance to new farmers, work to improve KC regs and permit processes, construction support of farm pads, and other flood related issues.
City of Newcastle	Newcastle Goes Green	\$ 30,400	Multi-layered approach to going green including educational newsletter mailed to residents, going green classes, Knocking out Knotweed projects along May Creek, and Bert the Salmon educational school assemblies.
Seattle Parks & Recreation	Lk WA Blvd Beach Renourishment	\$ 40,000	Continue renourishment north of Seward Park at the South Adams Street (280 lf) and South Alaska street (570 lf) sites by covering quarry spall onsite with a gravel mixture to enhance and provide salmon habitat. Large woody debris and native shoreline plantings may also be placed to reduce gravel dispersal.
Total Member Jurisdiction		\$ 1,720,892	