

Camp Gilead Off Channel Reconnection

DESCRIPTION:

The site is located within King County's Tolt McDonald Park near the property boundary with Camp Gilead. The project will remove approximately 400 feet of revetment on the Snoqualmie River, which creates a complete barrier to fish passage and access to off-channel habitat. This revetment also restricts migration of the left bank of the mainstem of the Snoqualmie River. This project will open up approximately 4 acres of off-channel habitat and an open water wetland, as well as provide fish access to approximately 1.3 miles of stream habitat upstream of the off-channel habitat. The project would also remove nonnative vegetation on site (Japanese knotweed and reed canary grass) and undertake a conifer underplanting.

STATUS:

The project concept was evaluated in the 2005 King County Snoqualmie Project Prioritization Process. The panel determined the project has the potential for high ecological benefit. It is recommended for feasibility and design work.

CONTACT:

Kirk Anderson
Snoqualmie Basin Steward, King County
206-296-1948



Project Type: Levee removal/setback

Location: Near Carnation, WA

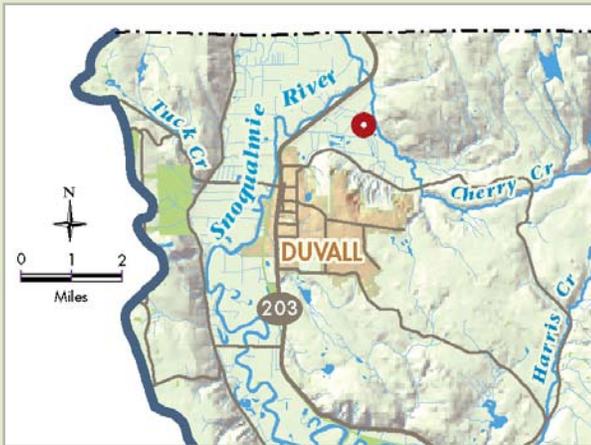
Landowner: King County

Cost: Design - \$65,000 (est.)
Construction - \$185,000 (est.)

Habitat Goals: 400 feet of restored edge habitat, 4 acres of restored off-channel habitat and removal of fish barrier blocking 1.3 miles of habitat

Funding Status: No funding has been secured for this project to date.

Cherry Creek Floodplain Restoration



Project Type: Floodplain restoration

Location: Near Duvall, WA

Landowner: Washington Department of Fish and Wildlife and private agricultural landowners

Cost: \$621,600

Habitat Goals: 700 acres of restored edge habitat, 2,400 linear feet of channel reconfigured, 60,000 square feet of restored riparian habitat, and 110 complexes of woody debris placed in floodplain

Funding Status: \$115,000 has been raised for this project so far.

DESCRIPTION:

Cherry Creek is the Snoqualmie River's lowest major tributary, providing high recovery benefit for listed Puget Sound Chinook and other salmonids. Restoration activities will occur on three parcels totaling 700 acres, which are currently managed by the state for wildlife purposes and by private landowners for livestock grazing and silage production. Alteration of the floodplain for agricultural and settlement purposes has simplified and disconnected Cherry Creek from its floodplain. This project will reconnect 2800 ft. of the historic mainstem Cherry Creek channel; consolidate three compromised floodplain ditches into one 2400 ft. naturalized stream channel, and reduce juvenile salmon stranding using low-flow swales to connect floodplain depressions to perennial water sources. It will create direct spawning and rearing benefits for all life stages of listed Chinook as well as other species. The project location is highly strategic because rearing and overwintering benefits will be attained for juveniles from upstream reaches of the creek as well as the Snoqualmie watershed, increasing salmonid distribution and diversity throughout the system.

STATUS:

Cherry Creek is identified in the Snohomish River Basin Interim Salmon Habitat Protection and Restoration Strategy as a primary restoration target. This project offers a unique opportunity to demonstrate cooperation between fish conservationists and the agricultural community while restoring natural processes that will improve fish and wildlife habitat. Washington Trout has worked closely with all landowners ensuring a high likelihood of success.

CONTACT:

Jamie Glasgow, Washington Trout
360-866-4669

PARTNERS:

Washington Department of Fish and Wildlife, four private landowners

Cherry Creek Mouth Restoration

DESCRIPTION:

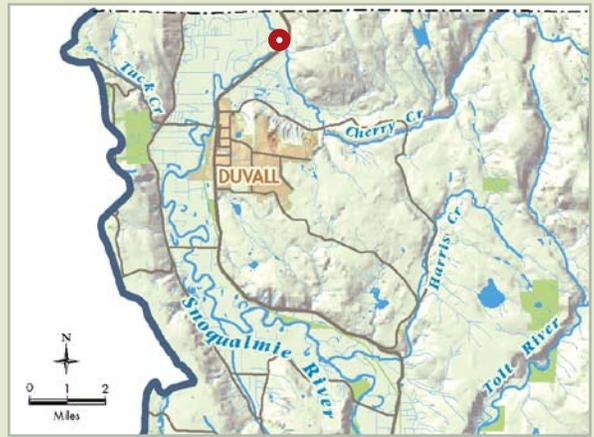
Historic aerial photographs show that Cherry Creek used to have a longer, more sinuous channel from the Snoqualmie Valley Trail to the confluence with the Snoqualmie River. Current lidar data show a remnant depression where the old channel was. This project would restore the old channel alignment and restore the riparian community along the channel. The result would be greater quantity and quality of habitat in the reach.

STATUS:

The project concept was evaluated in the 2005 Snoqualmie Project Prioritization Process. The panel determined the project has the potential for high ecological benefit. It is recommended for feasibility and design work.

CONTACT:

Kirk Anderson
Snoqualmie Basin Steward, King County
206-296-1948



Project Type: Channel relocation/riparian Restoration

Location: Near Duvall, WA

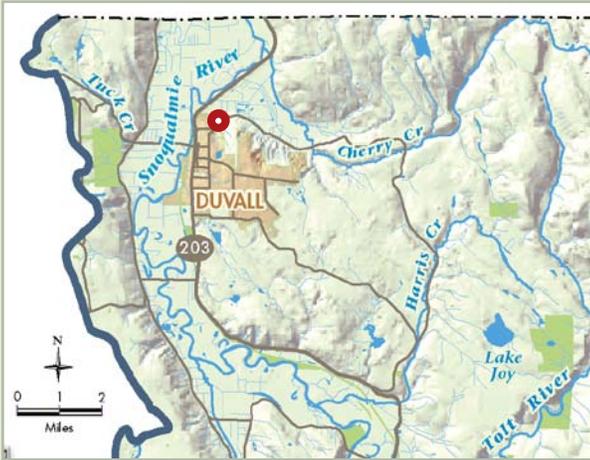
Landowner: Private

Cost: Design - \$280,000
Construction - \$500,000

Habitat Goals: 2,000 feet of restored edge habitat

Funding Status: No funding has been secured for this project to date. No grant applications are pending.

Cherry Valley Dairy Stream Enhancement



Project Type: Removal of fish blockage and stream habitat enhancement

Location: Duvall, WA

Landowner: Cherry Valley Dairy (agricultural landowner)

Cost: \$45,000

Habitat Goals: Remove fish barrier, enhance rearing and spawning habitat and establish a riparian buffer along 1,200 ft. of Rasmussen Creek.

Funding Status: No funding for this project has been secured at this time, however, proposals to complete the innovative design have been submitted.

DESCRIPTION:

The purpose of this project is to remove fish blockage on Rasmussen Creek caused by a series of small waterfalls one to three feet in height that are preventing fish from using upstream habitat. Working with a local engineer and Washington State Department of Fish and Wildlife, we are proposing a naturalistic type of design that will embed woody debris and streambed material to create a roughened channel that will allow for fish passage and support both coho spawning and rearing. Native vegetation will also be planted along the 1200 ft. section of stream bank.

STATUS:

The Snohomish River Basin Salmon Conservation Plan recommends the removal of in-stream barriers that prevent fish passage to spawning and rearing habitat. It also recommends restoring stream banks to natural conditions.

CONTACT:

Larry Nussbaum, Stewardship Partners
206-292-9875

PARTNERS:

Agricultural landowners, Washington State Department of Fish and Wildlife

Cherry Valley Pump and Flood Gate Facility

DESCRIPTION:

Cherry Creek is the Snoqualmie River's lowest major tributary, providing high recovery benefit for listed Puget Sound Chinook and other salmon. In 2004, the conventional pump system on Cherry Creek, which was found to be the direct cause of mortality to thousands of juvenile salmon, was replaced with a Hidrostal pump and gates. Although designed to improve conditions for fish, there are no quantitative data on the effectiveness of the new system. The proposed project will measure fish mortality rates associated with the pump passage and monitor the extent to which it facilitates bi-directional fish migration between the Cherry Valley floodplain and mainstem Cherry Creek. There are numerous opportunities on agricultural lands to retrofit conventional pump facilities with more fish-friendly pump and gate systems. Hidrostal pump technology is relatively new and its use in fish-passage facilities is currently limited. Data collected from this project would be disseminated to resource managers and help inform on-the-ground management decisions regarding pump facility improvements.

STATUS:

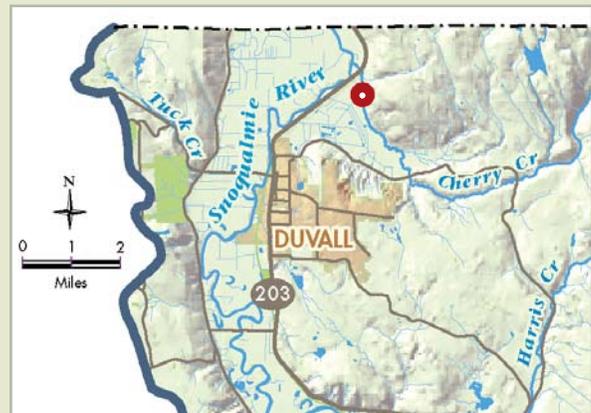
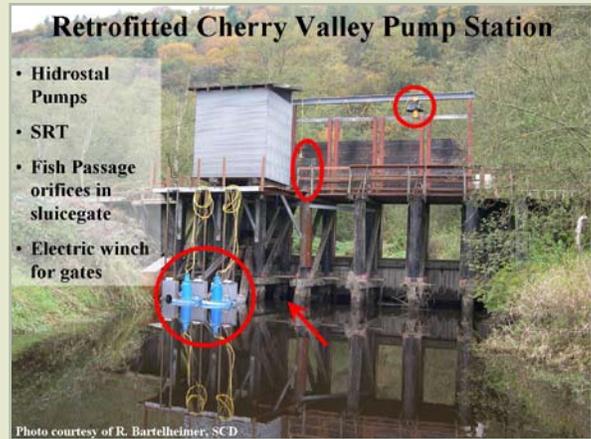
The Draft Snohomish River Basin Salmon Conservation Plan (2004) identifies the Cherry Creek system as degraded by human-made barriers to fish passage and emphasizes continued coordination on fish passage issues at the Cherry Creek pump facility as a priority. Monitoring activities follow recommendations listed in the Snohomish Plan and demonstrate continued cooperation between fish conservationists and the agricultural community.

CONTACT:

Jamie Glasgow, Washington Trout
360-866-4669

PARTNERS:

King County Drainage District #7, Snoqualmie Tribe, NOAA Fisheries, Washington Department of Fish and Wildlife, Snohomish Conservation District



Project Type: Post project fish monitoring

Location: Duvall, WA

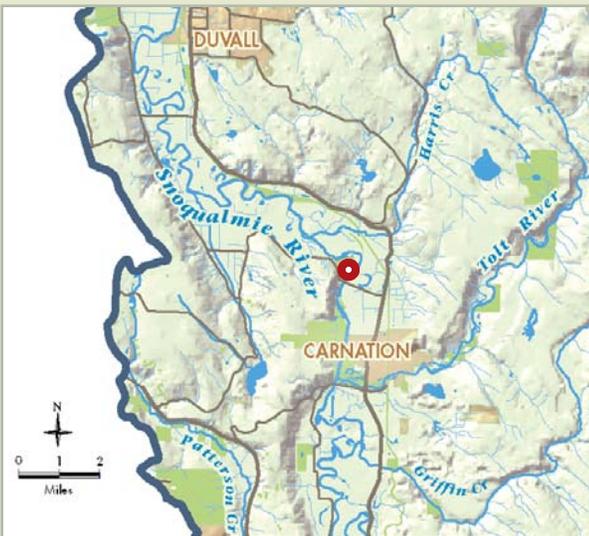
Landowner: King County Drainage District 7

Cost: \$37,650

Habitat Goals: Monitor impact of new pump and gate system on salmon migration

Funding Status: This project is 100% funded.

Chinook Bend Reach Restoration



Project Type: *Levee removal*

Location: *Near Carnation, WA*

Landowner: *King County, State of Washington*

Cost: *Design - \$150,000
Construction - \$450,000*

Habitat Goals: *2,000 feet of restored edge habitat and one acre of restored off-channel habitat*

Funding Status: *No funding has been allocated to date.*

DESCRIPTION:

King County owns the 58 acre parcel on the left bank of the Snoqualmie River downstream of the Carnation Farms Road bridge known as the Chinook Bend Natural Area. The reach is also a major depositional area for sediment originating in the Tolt watershed and transporting to the downstream extent of the Tolt River alluvial fan. The presence of levees through the reach alters the rate and location of deposition and side channel formation. This results in the loss of habitat functions for salmonids. The proposed project is to remove the levee on the Chinook Bend property. The expected outcome is the development of a side channel or a new main channel across the public property. We do not anticipate that the project will result in flooding impacts to downstream properties.

STATUS:

The project concept was evaluated in the 2005 Snoqualmie Project Prioritization Process. The panel determined the project has the potential for high ecological benefit. It is recommended for feasibility and design work.

CONTACT:

Kirk Anderson
Snoqualmie Basin Steward, King County
206-296-1948

Coe-Clemons Creek Restoration

DESCRIPTION:

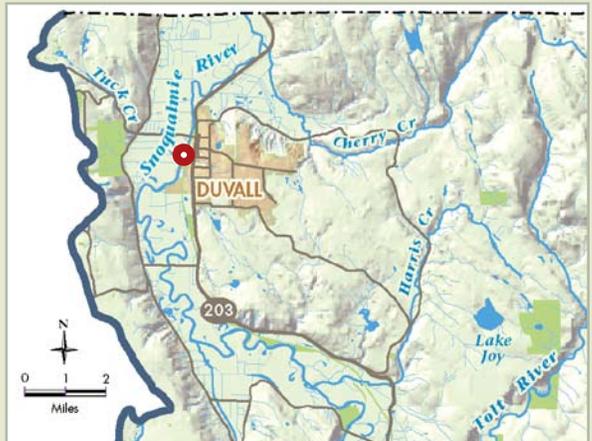
The restoration of Coe-Clemons Creek is a long-term, multi-phased project. The City of Duvall has planted approximately 200 lineal feet of native vegetation in the Coe-Clemons wetland complex and 600 lineal feet of native vegetation along Coe-Clemons Creek. In addition to the riparian planting, the project also installed two beaver deceiver devices to discourage beaver dam construction that may impede fish migration in Coe-Clemons Creek and control water levels at the Snoqualmie Trail culverts. The upstream end of the devices were submerged and protected from beaver blockage by wire fencing. A future phase of this project will involve enhancement of 165 feet of stream channel upstream of the Snoqualmie Valley Trail, placement of large wood structures, and 0.5 acres of riparian planting as well as a sediment budget survey and land acquisition.

STATUS:

This channel has been identified in a Stream Habitat Assessment as providing poor habitat for adult migration and juvenile rearing of salmon. This project will enhance ecologically significant fish runs in Coe-Clemons Creek.

CONTACT:

Lara Thomas, City of Duvall
425-788-2779, ext. 2



Project Type: Creek restoration

Location: Duvall, WA

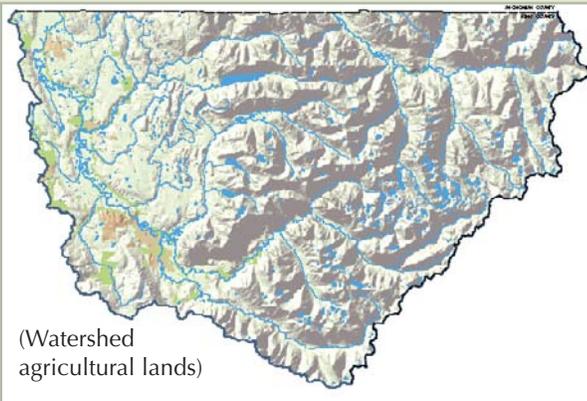
Landowner: City of Duvall

Cost: \$250,000

Habitat Goals: 165 feet of restored edge habitat, placement of large wood structures, and 0.5 acres of riparian planting

Funding Status: Funding for Phase I has been provided. Funding for Phase II is needed to continue forward on this on-going creek restoration project.

Conservation Reserve Enhancement Program (CREP) Plantings



Project Type: *Native planting*

Location: *Various agricultural lands*

Landowner: *Private landowners*

Cost: *\$275,000*

Habitat Goals: *73 acres of riparian planting*

Funding Status: *\$15,000 has been secured from KCD to do CREP plantings.*

DESCRIPTION:

The purpose of this project is to build partnerships and broaden funding by supporting King Conservation District efforts to secure federal Conservation Reserve Enhancement Program (CREP) funds for riparian plantings in the Snoqualmie. CREP is a voluntary state/federal program to establish forested buffers along rivers/streams where riparian habitat is a significant limiting factor for salmonids. In addition to providing habitat, the buffers improve water quality and increase stream stability. Land enrolled in CREP is removed from production and grazing, under 10-15 year contracts. In return landowners receive annual rental payments, a signing incentive, and maintenance and cost share payments. CREP cost share payments add up to 100% of the eligible costs for establishing the riparian buffer cover, as well as fencing, livestock water, and in the case of small streams, livestock crossings. Five landowners in the Snoqualmie are currently interested in CREP plantings. In order to secure the associated state and federal dollars, the King Conservation District must prepare planting plans for each property. Funding for this project will allow KCD to develop and submit the complete planting plans. This task leverages local restoration efforts by using a small amount of money to secure additional state and federal funding to meet salmon recovery objectives.

STATUS:

In the Snoqualmie, agriculture occupies more than 85% of the area within the 300-foot zone of the river. Therefore, working with agriculture in a cooperative, mutually beneficial way is a critical aspect of ensuring salmon recovery in the long term. This project will implement salmon restoration projects on agriculture lands to serve as a solid foundation for landowner leadership and pilot projects for long term landowner stewardship.

CONTACT:

Paul Borne, King Conservation District
206-277-5581 x 122

PARTNERS:

Agricultural landowners, Washington State Conservation Commission, Natural Resources Conservation Service, and the Farm Service Agency

Deer Creek Channel Relocation

DESCRIPTION:

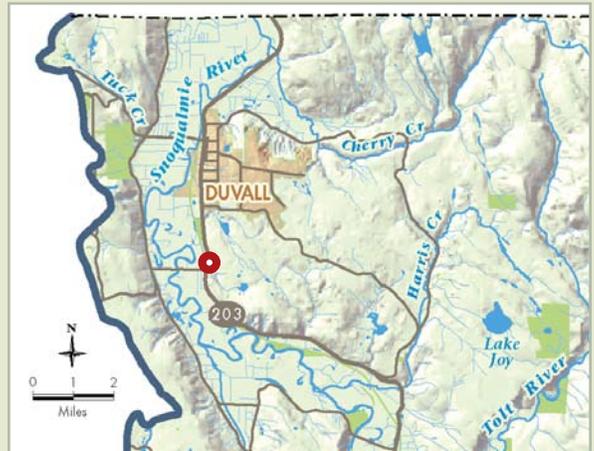
This project would relocate Deer Creek away from a farm road and two farm buildings into a large field. Relocation would provide a more natural stream alignment and greater capacity to respond to the process of sediment deposition. The project would also allow the county to restore the riparian community along the stream. The outcome will be significantly improved habitat conditions and reduced flooding impacts to the property owner.

STATUS:

The project concept was evaluated in the 2005 Snoqualmie Project Prioritization Process. The panel determined the project has the potential for high ecological benefit. It is recommended for feasibility and design work.

CONTACT:

Kirk Anderson
Snoqualmie Basin Steward, King County
206-296-1948



Project Type: Channel relocation

Location: Near Duvall, WA

Landowner: Private

Cost: Design - \$50,000
Construction - \$100,000

Habitat Goals: 400 feet of restored edge habitat and one acre of riparian planting

Funding Status: No funding has been allocated to date.

East Fork Weiss Creek Fish Passage Improvement



Project Type: Culvert replacement

Location: Near Duvall, WA

Landowner: Private

Cost: Design - \$50,000
Construction - \$400,000

Habitat Goals: One fish barrier removed

Funding Status: No funding has been allocated to date.

DESCRIPTION:

This project would replace a perched culvert that is a barrier to fish passage on the east fork of Weiss Creek. The project takes place on 296th Ave NE. The existing culvert is a 48 in. CMP. The replacement culvert would be a 6 ft. wide or greater 3-sided box culvert or a bridge. The fill over the culvert is deep and the road is a sole access road. Both of those factors increase the construction cost for the project.

STATUS:

The project concept was evaluated in the 2005 Snoqualmie Project Prioritization Process. The panel determined the project has the potential for high ecological benefit. Prior to initiation of design work, the county should obtain a construction agreement from the property owner.

CONTACT:

Kirk Anderson
Snoqualmie Basin Steward, King County
206-296-1948

Gonneson Revetment Removal

DESCRIPTION:

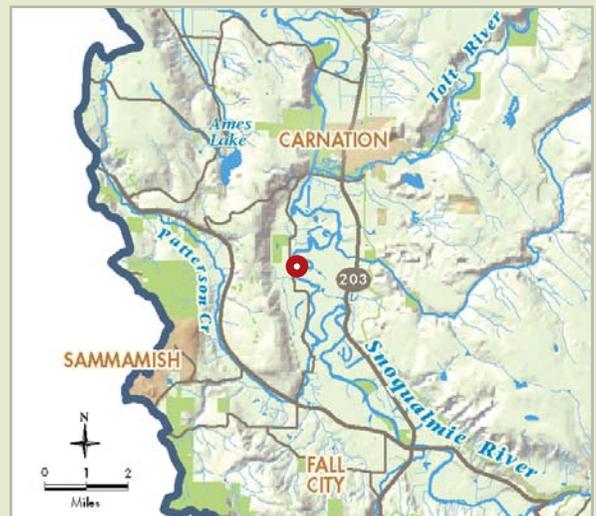
The objective of this project is to restore lateral bank migration along a meander bend of the Snoqualmie River by removing the existing bank armoring. This will restore the natural rate of channel migration and off-channel habitat formation. The rationale behind the project is that it is equally important to restore the processes that create new off-channel habitat area. Most off-channel habitat projects focus on reconnecting disconnected habitat rather than restoring the river's capacity to create new off-channel habitat. Implementation of this project is contingent upon acquisition of the property and demonstration that the project will not impact important agricultural interests in the area.

STATUS:

The project concept was evaluated in the 2005 Snoqualmie Project Prioritization Process. The panel determined the project has the potential for high ecological benefit. It is recommended for feasibility and design work.

CONTACT:

Kirk Anderson
Snoqualmie Basin Steward, King County
206-296-1948



Project Type: Edge habitat restoration

Location: Near Carnation, WA

Landowner: Private

Cost: Design - \$100,000
Construction - \$300,000

Habitat Goals: 2,000 feet of restored edge habitat

Funding Status: No funding has been secured for this project to date. No grant applications are pending.

Harris Creek Tributary Fish Passage Improvement



Project Type: Culvert replacement

Location: Near Lake Joy, WA

Landowner: Private

Cost: Design - \$50,000
Construction - \$150,000

Habitat Goals: One fish barrier removed

Funding Status: No funding has been allocated to date and no grant applications are pending.

DESCRIPTION:

This project would replace a perched culvert that is a barrier to fish passage on a tributary to Harris Creek. The project takes place near the intersection of Stossel Creek Road and NE 138th Place. A fish ladder was constructed years ago to allow fish passage. The fish ladder is no longer functioning as designed and probably never allowed juvenile fish to move upstream. The county would probably replace the existing 3 foot CMP culvert with a three sided box culvert, 4-6 feet wide.

STATUS:

The project concept was evaluated in the 2005 Snoqualmie Project Prioritization Process. The panel determined the project has the potential for high ecological benefit. Prior to initiation of design work, the county should obtain a construction agreement from the property owner and road association.

CONTACT:

Kirk Anderson
Snoqualmie Basin Steward, King County
206-296-1948

HerbCo Farm

DESCRIPTION:

This site is located on the riverside of West Snoqualmie Valley Road, north of Duvall. The project will remove Himalayan blackberry and a particularly problematic outbreak of Japanese knotweed and plant native vegetation along a steep bank of the Snoqualmie River. Restoring the streambank to its natural condition will enhance salmon habitat.

STATUS:

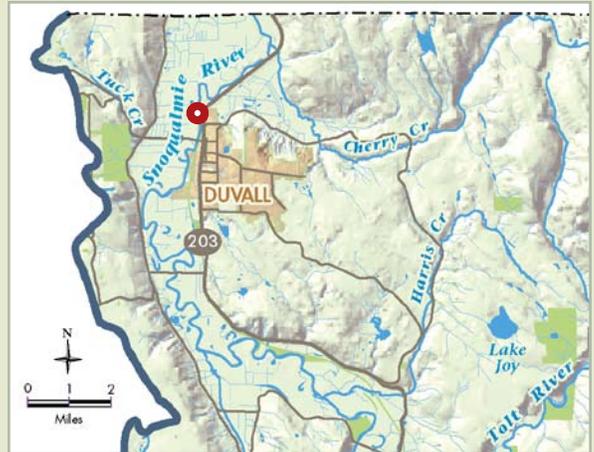
The Snohomish River Basin Salmon Conservation Plan prioritizes the reestablishment of a healthy riparian corridor along the Snoqualmie River. Invasive Japanese knotweed is becoming increasingly problematic in the Snoqualmie and measures need to be taken to eradicate it.

CONTACT:

Larry Nussbaum, Stewardship Partners
206-292-9875

PARTNERS:

Agricultural Landowner



Project Type: *Invasive removal/native planting*

Location: *Duvall, WA*

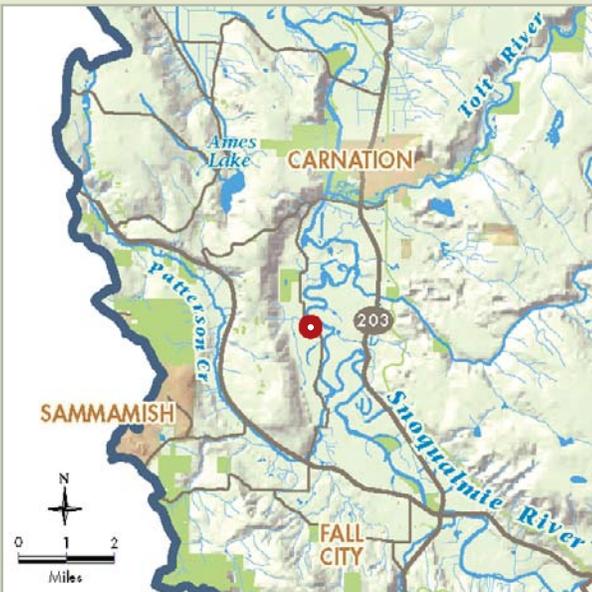
Landowner: *Agricultural landowner*

Cost: *\$18,000*

Habitat Goals: *1,000 feet of invasive removal and riparian habitat restoration*

Funding Status: *No funding for this project has been secured at this time.*

Jubilee Farm Riparian Restoration



Project Type: Riparian restoration

Location: Near Carnation, WA

Landowner: Jubilee Farm

Cost: \$65,000

Habitat Goals: Restore 50-70 ft. riparian buffer along a one mile section of the Snoqualmie River.

Funding Status: \$38,000 has been secured through the National Fish and Wildlife Foundation.

DESCRIPTION:

The goal of this project is to remove invasive species and establish a 50 to 70 foot riparian buffer consisting of mixed vegetation along a one mile section of the mainstem Snoqualmie River. The work is being conducted through a collaboration of the landowner and several regionally and locally based organizations.

STATUS:

The project is located in a priority reach of the Snoqualmie as identified in the Snohomish River Basin Salmon Conservation Plan. The farm is visited by a large number of customers, school groups, and others and will thus serve as an excellent demonstration site. The collaborations help to build partnerships and critical mass for implementing additional projects throughout the Snoqualmie Valley.

CONTACT:

Larry Nussbaum, Stewardship Partners
206-292-9875

PARTNERS:

Agricultural landowner, Stilly-Snohomish Fisheries Enhancement Task Force, Earth Corps, Snoqualmie Conservation Corps, King Conservation District, and the King County Agricultural Program (DNRP)

Lower Raging River Restoration

DESCRIPTION:

From the 328th St bridge to the confluence with the Snoqualmie River, the Raging River is confined to a narrow, leveed corridor. This project seeks to identify opportunities to restore habitat conditions to the lower Raging without compromising the health and safety of the Fall City community. Historic information indicates that the Raging River channel was much more diverse and productive prior to levee construction. The project would identify a number of options for restoring channel area downstream of the 328th St bridge, ranging from large scale habitat restoration to small scale projects. Once that phase of the project is complete, King County would use the information to select a preferred course of action.

STATUS:

The project concept was evaluated in the 2005 Snoqualmie Project Prioritization Process. The panel determined the project has the potential for high ecological benefit. It is recommended for feasibility and design work.

CONTACT:

Kirk Anderson
Snoqualmie Basin Steward, King County
206-296-1948



Project Type: Levee removal/setback

Location: Near Fall City, WA

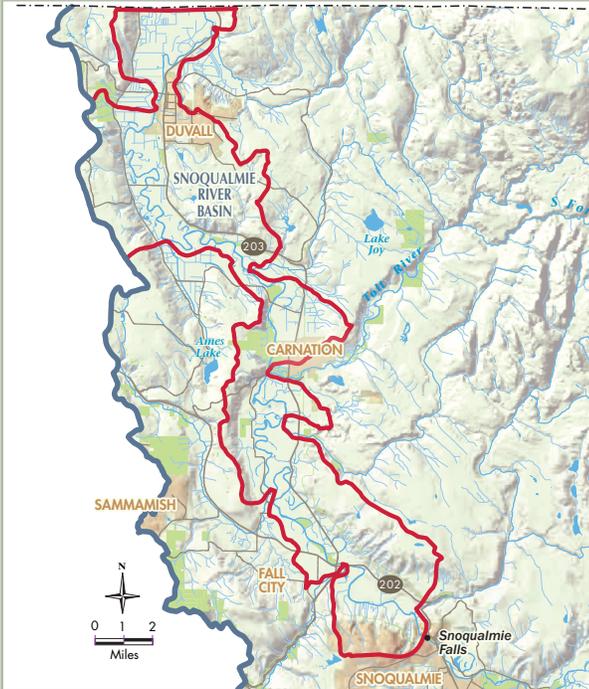
Landowner: Private

Cost: Design - \$750,000
Construction - \$2,500,000

Habitat Goals: 800 feet of restored edge habitat, one acre of restored off-channel habitat and two acres of riparian planting

Funding Status: No funding has been secured for this project to date. No grant applications are pending.

Lower Snoqualmie Restoration and Maintenance



Project Type: *Invasives removal/native planting/maintenance, fish passage, in-stream habitat enhancement, wetland restoration, and riparian restoration*

Location: *Various agricultural sites in the lower Snoqualmie Valley*

Landowner: *Agricultural landowners*

Cost: *\$75,000 (for the Snoqualmie Restoration and Maintenance Crew)*

Habitat Goals: *Restore and enhance over 3 miles of riparian habitat on agricultural lands*

Funding Status: *Project specific funding is being provided by a variety of sources. Funding is currently needed for on-going maintenance performed by Stewardship Partners Restoration and Maintenance Crew. \$35,000 is currently available for the crew.*

DESCRIPTION:

Stewardship Partners works with agricultural landowners in the lower Snoqualmie Valley to encourage voluntary salmon habitat enhancement and other restoration opportunities while maintaining agriculture and open space. Stewardship Partners has helped develop local capacity to implement restoration projects, including the hiring of their own Restoration and Maintenance Crew. Most importantly, it has built a strong level of trust and a track record of success with private agricultural landowners. Currently, the Partners are implementing seven landowner-based projects and have begun initial planning and fundraising for five additional projects. Collectively, these projects will restore and enhance over 3 miles of riparian habitat and stabilize several sloughing slopes, improve access to off-channel habitat areas, open 1.5 miles of rearing habitat by removing fish blockages, and restore a 3 acre wetland. All of these projects are being leveraged with the Snoqualmie Restoration and Maintenance Crew.

STATUS:

Because agriculture is a major land use along the Snoqualmie River, working with farmers is a critical aspect of long-term salmon recovery. The Snohomish River Basin Salmon Conservation Plan recommends a cooperative approach to working with landowners to identify and implement voluntary approaches to salmon recovery that supports viable agriculture in the basin. The Stewardship Partners' projects in the Valley provide a successful model that can help build capacity for salmon restoration efforts in the agricultural community.

CONTACT:

Larry Nussbaum, Stewardship Partners
206-292-9875

PARTNERS:

Agricultural landowners

Lower Tolt River Floodplain Reconnection

DESCRIPTION:

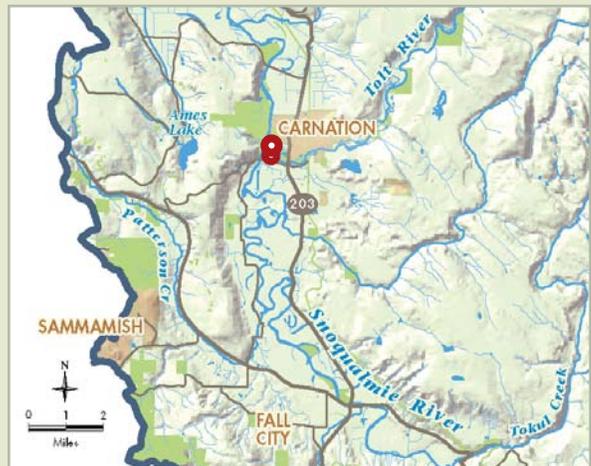
The Lower Tolt Floodplain Reconnection project seeks to restore active floodplain area in the lower 1/2 mile of the Tolt River by setting back levees and allowing the river to meander through the restored floodplain area. The WRIA 07 Recovery Strategy specifically targets levee setbacks/ removals along important spawning and rearing reaches of the major rivers in the Snohomish Basin as priority actions in its salmon habitat protection and restoration strategy (Snohomish Basin Salmon Recovery Forum, 2003, p. 15). Implementation of the Tolt project is expected to restore side channel habitat and pool and riffle character to the main channel. The general project components are removal of 2500 feet of levee along the right bank of the Tolt River, construction of a set back levee roughly 800 ft. behind the existing levee, potential placement of LWD to improve flood protection in a habitat friendly manner, floodplain planting, and the construction of interpretive and recreational elements to offset impacts to existing recreational uses in the park. Snoqualmie Fall Chinook spawn in the Tolt River in large numbers, comprising 17.5% of the annual escapement averaged over the 1997- 2002 time period (WDFW). In 1997, 27.5% of the Snoqualmie run spawned in the Tolt River.

STATUS:

The project is currently in the design stage. King County anticipates that design will be completed in 2006 and construction will begin in the summer of 2007.

CONTACT:

Kirk Anderson
Snoqualmie Basin Steward, King County
206-296-1948



Project Type: Levee removal/setback

Location: Near Carnation, WA

Landowner: King County

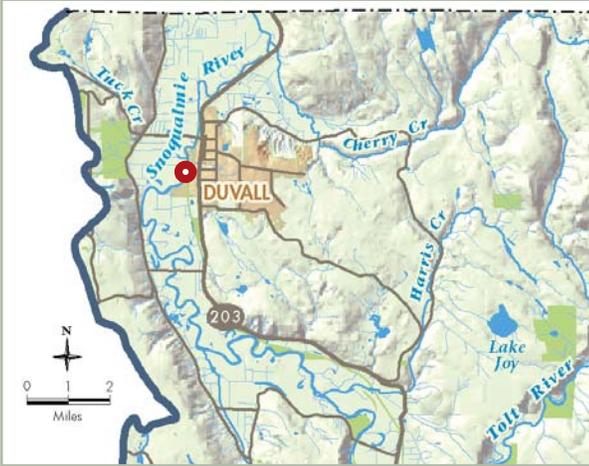
Cost: Design - \$1,100,000
Construction - \$4,000,000

Habitat Goals: 2,500 feet of restored edge habitat, 12 acres of restored off-channel habitat and 6 acres of riparian planting

Funding Status: The project partners (King County and the City of Seattle) have obtained grants for design totaling \$325,000 and grants for construction totaling \$1,200,000.

King County has identified sources for the remaining project costs and are confident we can complete the project.

McCormick Park Restoration



Project Type: Riparian habitat restoration

Location: Duvall, WA

Landowner: City of Duvall

Cost: \$200,000

Habitat Goals: 5 acres of restored riparian habitat along 1 mile of Snoqualmie mainstem

Funding Status: Partial funding for this project has been secured from King Conservation District (\$25,000). A grant from the USFWS for \$25,000 is also pending.

DESCRIPTION:

The Stilly-Snohomish Fisheries Enhancement Task Force and the City of Duvall are working together to restore a minimum of five acres of riparian and floodplain habitat along a one-mile stretch of the lower Snoqualmie River. Located on public land owned and managed by the city, this large scale site is highly visible and will serve as a demonstration project to citizens walking the Snoqualmie Valley Trail or visiting nearby parks, as well as to private landowners living along the lower portion of the river. Project partners will remove nonnative vegetation (blackberries), control other non-invasive vegetation and plant approximately 5,000 native trees and shrubs. This project will also have a significant outreach and education component directed at area schools, local businesses and community groups. Students and community members will be involved in volunteer plantings, site maintenance and water quality monitoring.

STATUS:

This community-based project is a significant collaboration between the City of Duvall and the Task Force. The project has strong potential for improving habitat along a considerable stretch of the lower Snoqualmie as well as for strengthening public awareness by engaging the local community in a highly visible restoration effort.

CONTACT:

Dave Steiner, Stilly-Snohomish Fisheries Enhancement Task Force
425-252-6686

PARTNERS:

City of Duvall

McElhoe/Person Levee Setback

DESCRIPTION:

The site is located along the right bank of the Snoqualmie River, just upstream of the Carnation Farms Road bridge. The McElhoe-Person levee protects several farmsteads and a county road. Roughly 5 acres of undeveloped floodplain habitat lie between the levee and the county road. The project concept is to remove 1300 feet of levee to reconnect floodplain habitat to the river. The intended outcome is to increase the side channel and off channel habitat area in the reach. The restored habitat would be in close proximity to much of the Chinook salmon spawning in the Snoqualmie watershed. By reconstructing a facility on the riverward side of the county road (310th Ave NE), the flood protection provided by the levee would be maintained.

STATUS:

The project concept was evaluated in the 2005 Snoqualmie Project Prioritization Process. The panel determined the project has the potential for high ecological benefit. It is recommended for feasibility and design work.

CONTACT:

Kirk Anderson
Snoqualmie Basin Steward, King County
206-296-1948



Project Type: Levee removal/setback

Location: Near Carnation, WA

Landowner: King County

Cost: Design - \$250,000 (est.)
Construction - \$750,000 (est.)

Habitat Goals: 1,300 feet of restored edge habitat, 5 acres of restored off-channel habitat and 2 acres of restored riparian habitat

Funding Status: No funding has been secured for this project to date.