



Title: Duncan Creek Stream Channel & Flood Plan Restoration Project

Organization: Committee to Restore Duncan Creek

Grant Request Information

Title of Project

Duncan Creek Stream Channel & Flood Plan Restoration Project

Total Amount Requested

\$ 13,330.00

Matching Contributions Proposed

\$ 4,936.00

Proposed Grant Period

05/01/2009 - 09/30/2010

Two Sentence Project Summary

Improve fish spawning habitat. Widen Stream Channel/passage, provide spawning gravel beds and shade with native plants

Project Description

Install public access across public lands to Duncan Creek. Public access created for general public and local school educational opportunities. Stream channel will be widened by 3:1 contouring of slopes. Dredging materials removed to uplands from stream. New spawning areas created as noted in drawings. New gravel and native plants installed promoting enhancement of fish spawning and rearing habitat. Extensive use of volunteer community and outside labor. Hand tools and mini-excavator to widen stream channel. Proper stream by-pass and best management practices employed. Local Water District providing access for machine and labor force. State of Washington Department of Corrections contracted for some of the volunteer labor force. Local community to be solicited for their interest to help. Environmental coverage by local newspaper will be provided to assist in recruitment efforts. Current stream group members and Boy Scouts

To also assist in project. County formerly issued permit for this project, which is located entirely on Kitsap County Right of Way land.

Organization and Primary Contact Information

Organization Committee to Restore Duncan Creek
Organization Type For-Profit Corporation
Organization Web Address <http://www.manchestermarina.com/index.html>
Organization Phone
Street Line 1

City, State, Country Postal Code Manchester, Washington, North America - United States
Region (if international)
Organization Congressional District
Tax Status
Tax ID NA

Primary Contact

Position/Title David Allen Kimble
President
Street Line 1 Committee to Restore Duncan Creek

Street Line 2 2081 Randall Lane East
City, State, Country Postal Code Port Orchard, Washington, North America - United States 98366
Region (if international)
Phone and E-mail 412-335-0389 x; cdkimble@wavecable.com

Keywords

Major Habitat Type; Species

Sub-keywordsAmphibian; Plant; Fish - *Oncorhynchus clarki* - Cutthroat trout; Fish - *Oncorhynchus kisutch* - Coho/silver salmon

Other Keyword(s)

Spawning Enhancement Native Species

National Fish and Wildlife Foundation – Community Salmon Fund - West Sound 2008, Full Proposal (No Framework)

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Outcomes and Indicators

Long Term Conservation Outcome(s)

Threats and Opportunities That Will Address the Outcome Above

Activities That will be Used to Address Threats and/or Opportunities Listed Above

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Project Location Information

Project Location Description WRIA 15, Kitsap County, Manchester, Right of Way located West of Colchester Dr., E. Hemlock St. Project lead is Committee to Restore Duncan Creek, Inc.

Project Country(ies) North America - United States

Project State(s) Washington

Project Congressional District(s)

Permits and Approvals

Description: County Right of Way work permit already previously issued, will re-apply to be current. State of Washington unified JARPA only other permit required.

Status: Intend to Apply

Agency-Contact Person: David Greetham - Kitsap County SEPA

Submittal-Approval Date: 04/01/2009

Proposed Budget

	Units	Cost Per Unit	Total
Salaries and Benefits			
Oversight & Management (In-Kind Donation)	150	\$15.00	\$2,250.00
Follow up on project success and plant survival/watering ((In Kind Donation)	80	\$15.00	\$1,200.00
Total Salaries and Benefits			\$3450.00
Salaries and Benefits are in-kind donations for project oversight and post project monitoring for plant survival and necessary watering.			
Equipment			
Total Equipment			\$0
Hard cost equipment rental for Bobcat and Stream By-Pass materials to build stream By-Pass structure.			
Contractual Services			
Bobcat Excavator Operator (In Kind Donation)	40	\$25.00	\$1,000.00
Labor to Plant (In Kind Donation)	160	\$8.00	\$1,280.00
Total Contractual Services			\$2280.00
Supplies and Materials			
Western Cedar 5 gal	15	\$24.00	\$360.00
Western Hemlock 5 gal	20	\$24.00	\$480.00
Douglas Fir 5 gal	15	\$24.00	\$360.00
Salmon Berry Bushes 2 gal	100	\$11.00	\$1,100.00
Round Rock - Spawning Gravel (Donation)	20	\$20.00	\$400.00
Stair Material (Donation)	80	\$8.00	\$640.00
Cedar Split Rail Fence	200	\$3.00	\$600.00
Fish & Wildlife Habitat Sign (Donation)	1	\$385.50	\$385.50
Total Supplies and Materials			\$4325.50
Hard cost items not donations: plants,and split rail fence materials.			
Printing			
Total Printing			\$0
No printing costs associated with the grant request.			
Travel			
Total Travel			\$0
No travel costs associated with the grant request.			
Other			
Bobcat Excavator Rental	40	\$65.00	\$2,600.00
Work Gloves (Donation)	15	\$2.30	\$34.50
Stream By-Pass Materials \$500.00	1	\$500.00	\$500.00

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Round Nose Shovel (Donation)	8	\$10.00	\$80.00
Steel Rakes (Donation)	6	\$10.00	\$60.00
Total Other			\$3274.50
Budget Grand Total			\$13330.00

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Matching Contributions

Amount: \$4,936.00
Type: In-kind
Status: Intend to Apply
Source: Washington State Department of Corrections
Source Type: Workforce & Oversight/Monitoring
Description: Non-Federal
 Remainder of material and equipment in donations of machine operator, planting labor and majority of construction materials. Matching contributions of in-kind labor and donations of materials equals \$4,800.00

Total Amount of Matching Contributions \$4,936.00

Applicant-identified Reviewer Information

Reviewer Type: Academic
 Reviewer Name: Mr. Jim Brennan
 Organization: University of Washington SeaGrant
 Position/Title: Principal Investigator
 Street Line 1: University of Washington Sea Grant
 Street Line 2: Seattle, Washington
 City, State, Country Postal Code: Seattle, Washington North America - United States WA
 Region (if international): Seattle
 Phone and E-mail: 206-296-8341; bren@u.washington.edu

Reviewer Type: Conservation NGO
 Reviewer Name: Brian Ferrasci-O'Malley
 Organization: Evergreen Funding Consultants
 Position/Title: Funding Consultant
 Street Line 1: 192 Nickerson Street
 Street Line 2: Suite 310
 Street Line 3: Seattle, Washington
 City, State, Country Postal Code: Seattle, Washington North America - United States WA
 Region (if international): Seattle
 Phone and E-mail: 206-691-0700; bferrasci-omalley@evergreenfc.com

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The following pages contain the uploaded documents, in the order shown below, as provided by the applicant:

Statement of Litigation
Board of Trustees
Project Vicinity Map
Project Site Map
CSF Full Proposal Narrative

The following uploads do not have the same headers and footers as the previous sections of this document in order to preserve the integrity of the actual files uploaded.



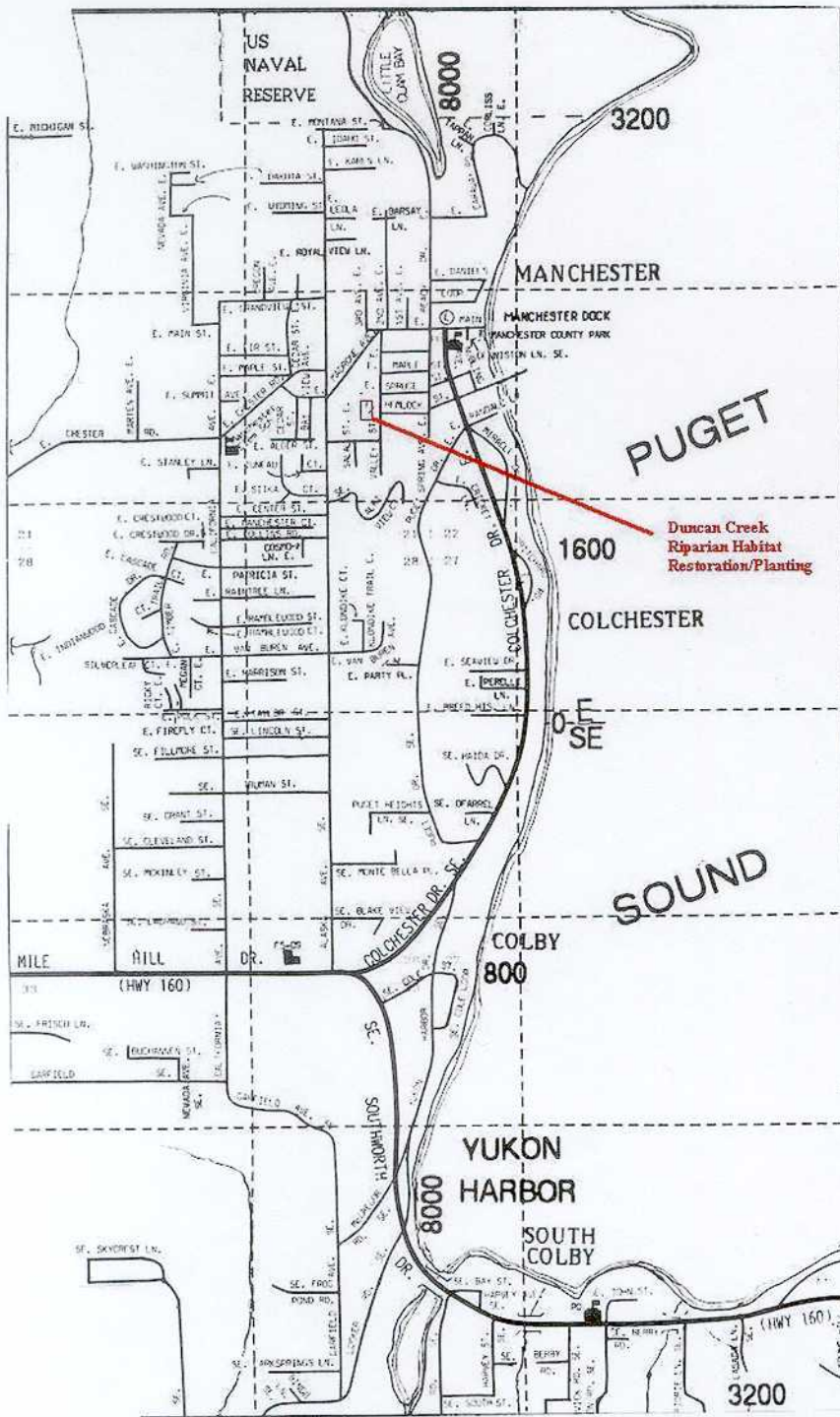
Statement of Litigation

Instructions: Save this document on your computer and complete. The final narrative should not exceed two (2) pages; do not delete the text provided below. Once complete, upload this document into the on-line application as instructed.

Litigation: In the space provided below, state any litigation (including bankruptcies) involving your organization and either a federal, state, or local government agency as parties. This includes anticipated litigation, pending litigation, or litigation completed within the past twelve months. Federal, state, and local government applicants are not required to complete this section. If your organization is not involved in any litigation, please state below.

No anticipated litigation in local, state, or federal venues. No local government litigation.

VICINITY MAP

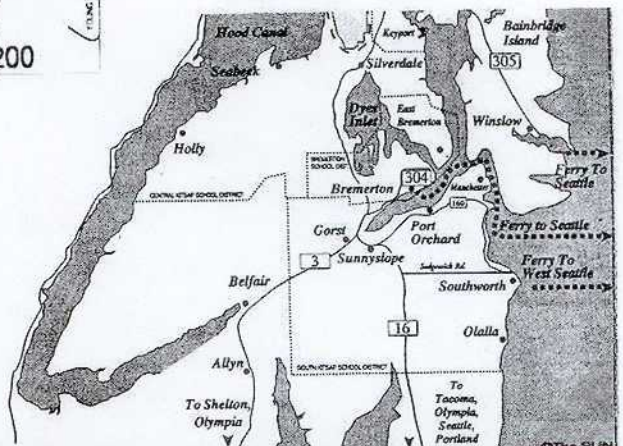


Project: Duncan Creek Riparian Habitat

Location: At Manchester Washington, County of Kitsap,
State of Washington At Hemlock St. and
Colchester Drive, Manchester, WA 98353

Project Applicant: David A. Kimble, Agent for:
Committee to Restore Duncan Creek, Inc.

Ferry Access Route



Hemlock

Duncan Crk.



Planting Sites



Street

BOARD OF TRUSTEES



1. **Project Information:** Please provide the following information about your project:

Project site latitude / longitude: Lat. 49 Deg. 33'. 07" N. Long. 122 Deg. 32'. 19" W

Lead entity name & WRIA #: 15

Body of water affected: Duncan Creek

Salmon species benefited: Coho & Cutthroat Trout

Project type (choose one: Restoration, Design & Development, Creative Partnerships, or Previous CSF Project Maintenance): *Restoration & Habitat Improvement*

2. **Legal Permission:** Do you have legal permission to be on the project site? Please explain. *Legal permission prior approval by Kitsap County Public Works Right of Way Division per Right of Way Work Permit.*

3. **Project Need:** Describe the salmon habitat conservation need or problem this project will address. Describe how this project is consistent with your local salmon recovery plan and how it will benefit watershed health. Discuss how this project will encourage landowners, local businesses and community groups to become engaged in salmon habitat conservation and stewardship, or stimulate creativity and leadership among various constituencies to address conservation needs. *There is a lack of good native fish spawning and rearing areas. The stream channel is at times incised and too narrow to fully support good spawning of native fish. The area is without adequate shade to support good spawning. The project site is located entirely on public lands and highly visible from main roadway entering town of Manchester. It will provide public access to public lands for public school to conduct environmental education of stream side and in stream habitat education. It will be an interruptive learning site with connectivity to the saltwater shoreline within minutes of walking from the freshwater spawning area to adjacent saltwater shoreline. The saltwater shoreline is also held in public ownership by Kitsap County Department of Public Works.*

4. **Habitat Conservation Objectives/Benefits:** List the tangible salmon restoration objectives and benefits of the project on the local and watershed levels (e.g. *re-establish riparian forest along 2,000 linear feet of Salmon Creek; increase in-stream habitat complexity of Salmon Creek through installation of 25 pieces of large woody debris*). Where appropriate, note how these outcomes and benefits address priorities identified in the local recovery plan. *This project will improve 200 lineal feet of stream for native fish spawning and rearing. The increased stream depth and width will provide cooler and more consistent stream temperatures and flows for spawning. In stream channel additions of large and small woody debris with side channel spawning areas are presently lacking on these sections of Duncan Creek. It is hoped that habitat improvements with stream channel modifications and streamside planting will encourage the funding and eventual removal of a partial if not total fish migration blockage of the storm water culvert beneath Colchester Drive in Manchester.*

5. **Community Involvement Objectives/Benefits:** List the community involvement objectives and the stewardship and educational benefits of the project (*e.g. recruit 75 volunteers from Harbor City to participate in bi-weekly planting parties; open up access to 2.5 miles of interpretive trails in Harbor City Park*). Community involvement can include: (a) engaging large numbers of the community (*e.g. school groups, community groups, large planting parties*) in restoration projects through volunteering and stewardship; and/or (b) engaging a smaller number of key landowners (*e.g. farmers, business owners, etc.*) in restoration activities and including a clear plan for how their involvement will encourage participation of a broader segment of that community through dissemination. Please also describe your organization's prior experience (if any) working with the target community.
6. **Activities:** Complete the following table to identify the primary activities that will be employed through this project. Check each box that applies to your project. For each checked box, quantify your results using the indicated unit of measurement to the best of your ability. Please add activities that may not be listed below.
- 7.

Check	Proposed Activity	Unit of Measurement	Expected Result
√	Stream Channel Widening and Stream Side Planting	Approx. 100 Linear feet of stream with approx. 150 plants to be planted	150 plants to line 200 lineal feet of streamside providing shade and production of food for juvenile native fish
√	Land acquisition/conservation easement	Acres of land acquired/preserved in easement	None Required
√	Riparian planting	Square feet planted <u>and</u> number of plants	Approx 150 plants over 200 lineal feet
√	Invasive plant removal	Square feet of invasive vegetation removed	Approx. 200 lineal feet of grass and weeds
√	Fencing	Linear feet of fence	80
√	Wood placement	Number and size of pieces placed	WD as prescribed by WSDFW
√	Bank stabilization	Linear feet of bank stabilized	Approx 200 lineal feet
√	Channel modification	Linear feet of channel restored/added/modified	Approx 200 lineal feet
	Culvert modification or replacement	Number of culverts modified/replaced <u>and</u> linear feet of upstream channel opened	None at this time
√	Off-channel habitat restoration	Square feet of habitat opened/restored/created	Approx four spawning areas
√	Landowner participation	Number of landowners contacted/involved	Two Adjoining Land Owners
√	Community involvement	Number of volunteers contacted/involved	Sixteen
√	Student education	Number of students educated/involved	600 Elementary Students

8. **Methodology:** Describe how each activity identified above will be implemented. Also, explain how the activities relate to established local plans (management, conservation, recovery, etc.), as well as the habitat conservation and

community involvement objectives described above. *Stream channel will be diverted and channel widened per proposed plan. Primary stream channel to be reconnected post channel widening and planting plan completion. New spawning substrate added in side-channel rest areas of native fish. Planting plan executed to provide additional stream side shade. Local landowner donations and cooperation expected and solicited. Local news paper to provide initial coverage and progress to final project completion. Local paper will add to local community education and workforce recruitment. Local elementary school involvement will be continuing as was the experience with prior outreach and environmental education conducted by the Committee to Restore Duncan Creek on the stream channel and saltwater near shore outreach events in past.*

9. **Evaluation/Monitoring:** Describe in detail your strategy for managing and evaluating project results, including specifics on how success will be defined and measured. Describe in detail your monitoring plan, including those activities that will take place after completion of this grant. If possible, identify how post-grant monitoring will be funded. *The Committee to Restore Duncan Creek, Boy Scouts, and local community volunteers will be doing follow on work to water plants to insure survival and project success. Post monitoring was addressed in grant proposal and intended to be in-kind donations with Duncan Creek Committee Members being primary monitors to insure this phase of proposal is accomplished per grant agreement. Simple post planting watering and plant watering to ensure maximum plant survival as prescribed within grant agreement. Plant watering during post project completion till rainy season begins. Local visits to streamside to view any increase in insect presence, fish presence, other wildlife presence using improved habitat. Monitoring intended to be conducted for 3-5 years post project completion.*
10. **Proposed Partnerships:** Briefly list the proposed partners and the roles that they will play in implementing the project. (Note: a project partner is any group, agency, organization or individual that contributes to the project outcomes in a substantial way and is closely involved in the completion of the project.) *Partnership with Washington State Department of Corrections (they will be major labor force for plant planting) Kitsap County Public Works Division (is providing permits to conduct work and overview of best management practices and design) Washington State Department of Fish and Wildlife (providing outreach post project signage and technical guidance for proper stream channel modifications and planting strategy for habitat productivity) Local Boy Scouts (providing some labor and post project watering) Manchester Elementary School Science Teachers (will be provided opportunity for continued educational outreach and science uses) Manchester Water District (providing critical access to complete project and material donations to conduct project). We are also relying on any local community volunteers who wish to participate in any or all aspects of this project. Our local environmental reporter from Kitsap Sun will be publishing the start, progress, and end results of this proposed project.*
11. **Dissemination:** Describe how the results of the project (including monitoring results) will be actively disseminated to the appropriate audiences. Please specifically state how you will work with local media outlets, neighboring landowners, partner organizations, and others to disseminate information on the project before, during, and after the proposed activities. *News Paper coverage in local paper by environmental reporter as project progresses. Committee to Restore Duncan Creek Stream Members will monitor plant survival and project success including performing necessary watering to insure plant survival. We are partnering with Washington State Department of Fish and Wildlife, Washington State Department of Corrections, Kitsap County Public Works Division and Manchester Water District.*
12. **Project Team:** List key individuals and describe their qualifications relevant to implementation of this project. *Duncan Creek Restoration Committee Members to include Janice Shaw, Sten Wilcox, Nick Kosin, Dave Kimble, Chloe Kimble. All members have some experience in freshwater and marine ecosystems. All have contributed and participated in five prior outreach events that involved organizing, promoting, and executing shoreline and streamside environmental educational events.*

13. **Other (Optional):** Provide any further information important for the review of this proposal.