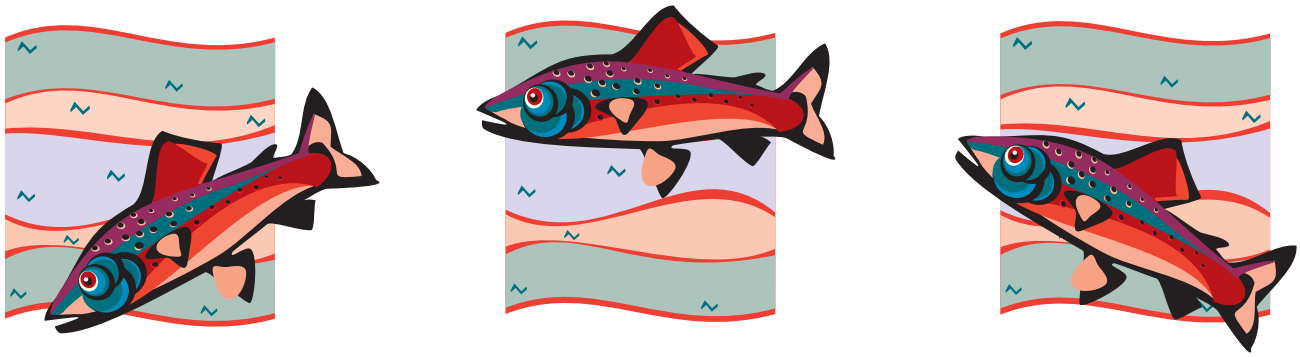
REGIONAL FISHERIES ENHANCEMENT PROGRAM

Annual Report for July 1, 2003 - June 30, 2004



Washington Department of Fish and Wildlife

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EXECUTIVE SUMMARY

RFEG EXECUTIVE SUMMARY DRAFT FOR ANNUAL REPORT FY 04

The Regional Fisheries Enhancement Groups (RFEGs) are non-profit, community based organizations dedicated to enhancing salmon populations across Washington State. In 1990, the Washington State Legislature created the Regional Fisheries Enhancement Group Program to involve local communities, citizen volunteers, and landowners in the state's salmon recovery efforts.

The 14 Regional Fisheries Enhancement Groups share the unique role of involving their own communities in salmon enhancement activities throughout the state. The RFEGs have a common goal of enhancing salmonid populations and habitat in their regions, and leveraging contributions and support from local communities. The RFEGs create dynamic partnerships with local, state and federal agencies; Native American tribes; local businesses; citizen groups; and landowners. Through these collaborative efforts, RFEGs help lead their communities in successful enhancement, restoration, assessment, education and monitoring projects.

Each RFEG works within a specific geographic region based generally on watershed boundaries. Every group is a separate, non-profit organization led by their own board of directors and supported by their members and volunteers. The RFEG Advisory Board, made up of citizens appointed by the Washington Department of Fish and Wildlife (WDFW) Director, advocates for and helps coordinate the efforts of the RFEG Program.

Individual donations and in-kind contributions from local community members and businesses are essential to the success of each RFEG. While partial funding for the RFEG Program comes from a portion of commercial and recreational fishing license fees and egg and carcass sales administered by the WDFW, individual RFEGs also must obtain many grants from other government and private entities to supplement declining license sale income provided through the WDFW program. In recent years the RFEG Program has successfully worked with U.S. Representatives and Senators to secure funding from the US Fish and Wildlife Service.

The RFEGs form an integral part of Washington State's local salmon recovery Lead Entity processes. Lead Entities are charged with developing local strategies to recover endangered salmonid species and prioritize projects for funding by Washington's Salmon Recovery Funding Board. RFEGs are invaluable project sponsors; hold seats on Lead Entity committees to help shape the watershed's priorities; and build local support by working with landowners, volunteers, and businesses to implement on-the-ground restoration projects.

> "Washington State's Regional Fisheries Enhancement Groups are an excellent bottom-up model for salmon recovery at the national level."
>
> - Dr. Jeff Koenings, Director, WDFW

ACCOMPLISHMENTS AND OUTCOMES

The cumulative effect of RFEG activities around the state is impressive. Between 1995 and 2004, RFEG volunteers donated nearly 660,000 hours to salmon recovery efforts. More than 328 miles of salmon habitat was enhanced or restored and 426 fish passage barriers were fixed, opening 411 miles of habitat to returning salmon.

EXECUTIVE SUMMARY

During the last year, RFEGs used $1.3 million generated by WDFW license sales and federal appropriations to leverage more than $9 million from other sources. Volunteers donated nearly 103,000 hours to salmon enhancement efforts through the RFEG Program during this same period. These hours extrapolate to over $1.5 million dollars in salmon restoration attributed to volunteers, or the equivalent to over 50 full-time, year-round employees.

Volunteers work with their local RFEG to contribute to statewide salmon enhancement efforts by:

- learning about salmon habitat;
- planting native trees along streams;
- counting returning and outgoing salmon;
- performing habitat assessments;
- monitoring restoration sites;
- distributing salmon carcasses for nutrient enhancement;
- teaching others about salmon habitat;
- making financial contributions;
- and much more!

Over the last year, volunteers with the RFEG program were involved with:

- Completing more than 122 projects to recover salmon populations
- Releasing 2,411,000 juvenile fish into rivers and streams
- Correcting 28 fish passage problems by removing, replacing and repairing damaged culverts
- Opening over 44 miles of spawning and rearing habitat for salmon
- Restoring more than 28 miles of rivers and streams including planting, fencing, rechanneling and reconstruction
- Redistributing nearly 74,000 salmon carcasses to rivers for nutrient enhancement

> "...much of the critically important work to improve the habitat for threatened salmon species is done at the local level, through the Regional Fisheries Enhancement Groups. This is where the real progress is taking place..."
>
> - Norm Dicks, Washington State Congressman

The RFEG program makes a special contribution to Washington's salmon recovery efforts by leveraging local and private money; promoting stewardship through volunteer involvement; working cooperatively with diverse interest groups; and building on the success of its 13 year history. To read more about the specific activities of each RFEG, please refer to the Regional Fisheries Enhancement Group Program's Annual Report for 2003-2004.

> "The Marblegate Slough project is a classic example of a win-win project for nature and for man. Salmon get access to the slough and people get recreational access to the river. It goes a step further than preserving land for the sake of itself by providing a human connection."
>
> -Tom Harville, Marblegate Community Association

> "Hands-on, real-life experiences are the ones never forgotten. Allowing our students to become active participants in their own community and environment makes them far more aware of the importance of their own role."
>
> - Judy Davis, Teacher, Kendall Elementary School

REGIONAL FISHERIES ENHANCEMENT GROUP ADVISORY BOARD

MISSION

The Board acts in an advisory capacity to the department in setting operational and financial policies to promote and support the Regional Fisheries Enhancement Group Program.

OVERVIEW

The RFEG Advisory Board is made up of eight members. The director of the Department of Fish and Wildlife appoints seven members, of which two represent commercial fishing interests, two represent recreational fishing interests, and three are at-large positions. At least two of the advisory board members are required to be members of a regional fisheries enhancement group. The two tribal fisheries commissions also may each nominate one Board member.

The Board, at its quarterly public meetings, reviews RFEG project proposals and makes recommendations to the director for funding approval. The Board operates under a committee structure with representatives from the RFEGs and board members. These committees are: 1) Administration and Finance, 2) Project Review, and 3) RFEG Representative.

BOARD MEMBERS

Paul Ancich – Commercial Fishing Interests, Fircrest, WA

Gene Jenkins – At-Large Position, Selah, WA

Steve McCloskey – Commercial Fishing Interests, Bellingham, WA

Meg Moorehead – At-Large Position, Seattle, WA

Jeanne Robinson – At-Large Position, Shelton, WA

Paul Szewczykowski – Recreational Fishing Interests, Bothell, WA

Terry Wright – Northwest Indian Fisheries Commission, Olympia, WA

Vacant – Recreational Fishing Interests

Vacant – Columbia River Intertribal Fish Commission

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE AND THE RFEG PROGRAM

MISSION

The Washington Department of Fish and Wildlife (WDFW) provides financial and technical resources to the RFEGs to engage citizens and their communities in salmon recovery.

OVERVIEW

The Regional Fisheries Enhancement Groups provide grassroots salmon recovery efforts. These efforts include conducting outreach and education, maintaining relationships with citizens and landowners, and building local support for salmon recovery. The Groups are also invaluable project sponsors, working with landowners, volunteers, and local contractors to complete on-the-ground restoration and enhancement projects. Much of the progress and success in salmon recovery is due to local citizen-driven actions such as those conducted by the Regional Fisheries Enhancement Groups.

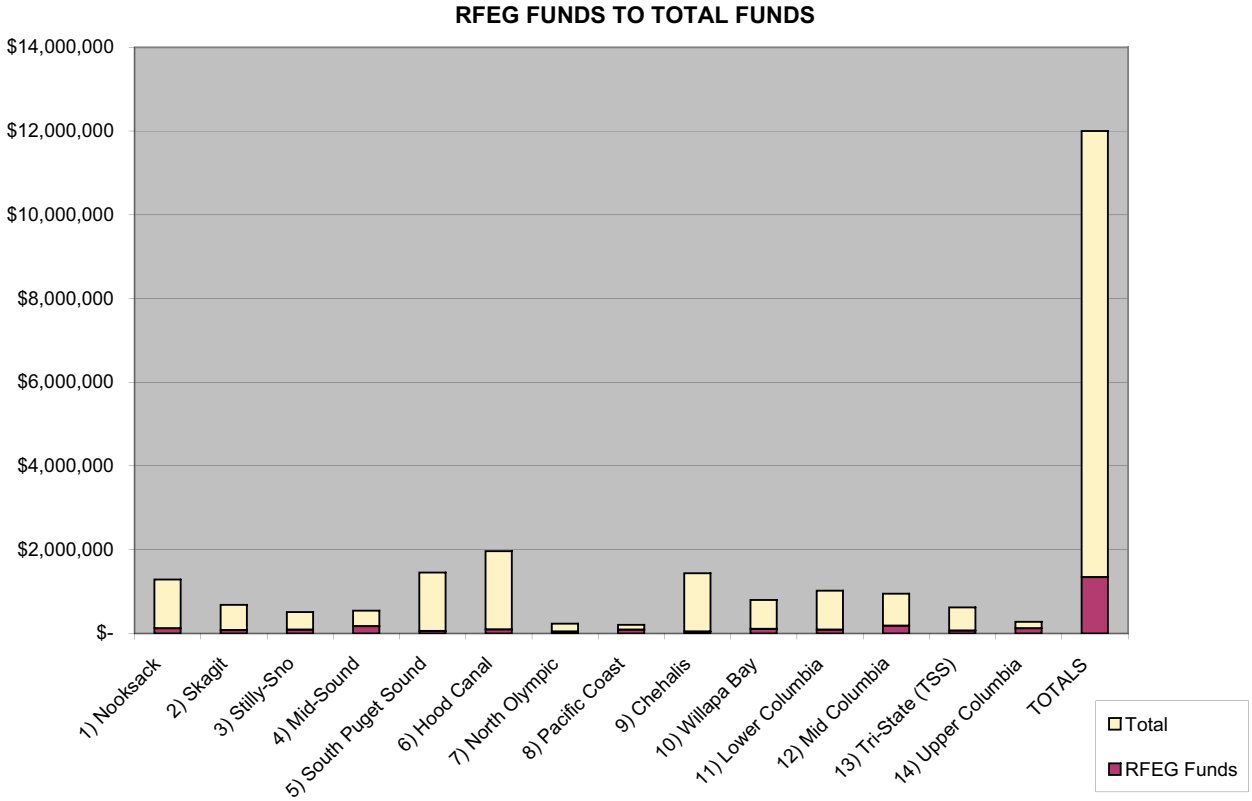
Funding for the RFEG Program comes from several sources, including a percentage of salmon license revenue (both commercial and recreational) and egg and carcass sales from State-funded hatcheries. WDFW also manages annual federal contracts granted to the RFEG Program. RFEG funds administered by WDFW are equally apportioned to the groups. In turn, the individual RFEGs utilize state and federal funding to attract tremendous local support for their work often recruiting upwards of nine or ten times their base funding in additional grants.

In addition to its fiduciary (contracting and accounting services) responsibility to the RFEG Program, WDFW reviews all RFEG project proposals to ensure compatibility with existing laws, WDFW policies, co-management, and other salmon recovery efforts conducted within a specific watershed.

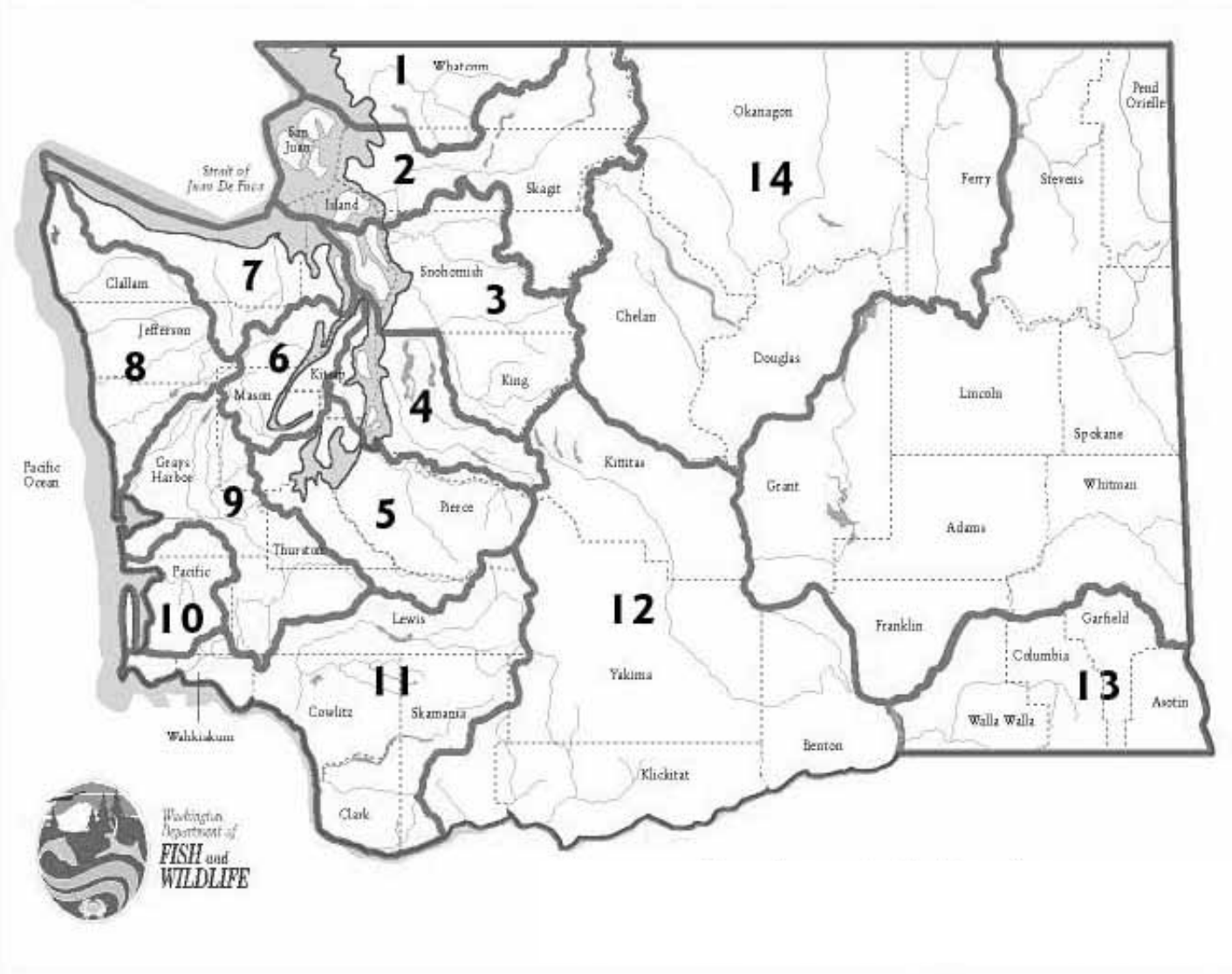
REGIONAL FISHERIES ENHANCEMENT PROGRAM EXPENDITURES: ANNUAL REPORT FOR JULY 1, 2003-JUNE 30, 2004

GROUP	RFEG Funds	Vol Hours	Vol Dollars*	Other Funds	Total Spent
1) NSEA	$ 64,271	43,573	$ 728,826	$ 997,094	$ 1,790,191
2) Skagit FEG	$ 87,287	5,072	$ 79,566	$ 495,132	$ 661,985
3) Stilly-Sno FTF	$ 103,095	11,705	$ 175,575	$ 272,464	$ 551,134
4) Mid-Sound FEG	$ 127,427	3,255	$ 48,818	$ 360,185	$ 536,430
5) SPSSEG	$ 182,482	2,375	$ 35,625	$ 501,384	$ 719,491
6) Hood Canal SEG	$ 65,786	14,451	$ 216,765	$ 1,469,060	$ 1,751,611
7) NOSC	$ 57,263	5,061	$ 75,915	$ 287,261	$ 420,439
8) PCSC	$ 89,985	1,944	$ 29,160	$ 53,669	$ 172,814
9) Chehalis Basin FTF	$ 21,421	8,264	$ 123,960	$ 701,324	$ 846,705
10) Willapa Bay FEG	$ 90,870	1,300	$ 19,500	$ 438,354	$ 548,724
11) Lower Columbia FEG	$ 107,988	25,185	$ 377,775	$ 234,958	$ 720,721
12) Mid-Columbia FEG	$ 97,422	819	$ 12,285	$ 1,394,506	$ 1,504,213
13) Tri-State Steelheaders	$ 78,083	2,687	$ 40,305	$ 185,459	$ 303,847
14) Upper Columbia RFEG	$ 111,354	799	$ 11,985	$ 119,120	$ 242,459
TOTAL	$ 1,284,734	126,490	$ 1,976,060	$ 7,509,970	$ 10,770,764

*Volunteer dollars calculated at $15.00/hr except where professional services were offered.



REGIONAL FISHERIES ENHANCEMENT GROUP BOUNDARIES



REGIONAL FISHERIES ENHANCEMENT GROUPS GEOGRAPHIC BOUNDARIES

REGION 1: NOOKSACK SALMON ENHANCEMENT ASSOCIATION

Includes most of WRIA 1: The major watershed is the Nooksack River. This region also includes nearshore habitat and other watersheds located from the Canada-U.S. border south to Oyster Creek in Samish Bay and also watersheds flowing from Whatcom County to the Fraser River.

REGION 2: SKAGIT FISHERIES ENHANCEMENT GROUP

Includes WRIAs 2, 3 and 4, and parts of 1 and 6: The major watersheds are the Skagit and Samish Rivers. This region also includes nearshore habitat and other watersheds located from Samish Bay, south of Oyster Creek, south to and including, Penn Cove on Whidbey Island, out to and including, the San Juan Islands.

REGION 3: STILLY-SNOHOMISH FISHERIES ENHANCEMENT TASK FORCE

Includes WRIAs 5 and 7 and parts of 6 & 8: The major watersheds are the Stillaguamish and Snohomish Rivers. This region also includes nearshore habitat and other watersheds located; south of Penn Cove on Whidbey Island, including Camano Island; the mainland south to the Edmonds ferry dock.

REGION 4: MID-SOUND SALMON ENHANCEMENT GROUP

Includes WRIAs 8 and 9 and part of 15: The major watersheds are those entering Lake Washington and the Green/Duwamish River. This region also includes nearshore habitat and other watersheds located from the Edmonds ferry dock south to Brown's Point, across to the north side of Gig Harbor, and north around Foulweather Bluff down to the Hood Canal Bridge.

REGION 5: SOUTH PUGET SOUND SALMON ENHANCEMENT GROUP

Includes WRIAs 10, 11, 12, 13, 14, and parts of 15: The major watersheds are the Puyallup, Nisqually, and Deschutes Rivers. This region also includes nearshore habitat and other watersheds draining into Puget Sound south of a line between Brown's Point and the north side of the entrance to Gig Harbor.

REGION 6: HOOD CANAL SALMON ENHANCEMENT GROUP

Includes WRIA 16 and parts of 14, 15 and 17: Major watersheds include the Skokomish, Hamma Hamma, Duckabush, Dosewallips, and Quilcene Rivers. This region also includes nearshore habitat and other watersheds located in Hood Canal south of the Hood Canal Bridge.

REGION 7: NORTH OLYMPIC SALMON COALITION

Includes WRIAs 18 and 19 and part of 17: Major watersheds include the Dungeness, Elwha, Lyre, Pysht, Clallam, and Hoko Rivers. This region also includes nearshore habitat and other watersheds located north and west of the Hood Canal Bridge, to Cape Flattery.

REGIONAL FISHERIES ENHANCEMENT GROUPS GEOGRAPHIC BOUNDARIES

REGION 8: PACIFIC COAST SALMON COALITION

Includes WRIAs 20 and 21: Major watersheds include the Sooes, Ozette, Quillayute, Hoh, Queets, and Quinault Rivers. This region also includes nearshore habitat and other watersheds entering directly into the Pacific Ocean between Cape Flattery and the north side of Grays Harbor.

REGION 9: CHEHALIS BASIN FISHERIES TASK FORCE

Includes WRIAs 22 and 23: Major watersheds include the Humptulips, Hoquiam, Wishkah, Johns and Chehalis Rivers. This region also includes nearshore habitat within, and other watersheds flowing into Grays Harbor.

REGION 10: WILLAPA BAY REGIONAL FISHERIES ENHANCEMENT GROUP

Includes most of WRIA 24: Major watersheds include the North, Willapa, Palix, Nemah, Bear, Long Island and Naselle Rivers. This region also includes nearshore habitat within, and other watersheds flowing into Willapa Bay.

REGION 11: LOWER COLUMBIA FISH ENHANCEMENT GROUP

Includes WRIAs 25, 26, 27 and 28 and parts of 24 and 29: Major watersheds include the Chinook, Grays, Elochoman, Cowlitz, Kalama, Lewis, and Washougal Rivers. This region also includes Columbia River habitat and other watersheds entering the Washington side of the Columbia River below Bonneville Dam.

REGION 12: MID-COLUMBIA REGIONAL FISHERIES ENHANCEMENT GROUP

Includes WRIAs 30, 31, 37, 38, 39 and 40 and most of 29: Major watersheds include the Little White Salmon, White Salmon, Wind, Yakima, and Klickitat Rivers. This region also includes Columbia River habitat and other watersheds entering the Columbia River from the north and west above Bonneville Dam, up to Rock Island Dam.

REGION 13: TRI-STATE STEELHEADERS REGIONAL FISHERIES ENHANCEMENT GROUP

Includes WRIAs 32, 33 and 35 and parts of 34 and 36: Major watersheds include the Snake and Walla Walla Rivers. This region also includes Columbia River habitat and other watersheds entering the Columbia River from the east between McNary Dam and the Interstate 182 Bridge at Richland.

REGION 14: UPPER COLUMBIA FISHERIES ENHANCEMENT GROUP

Includes WRIAs 44, 45, 46, 47, 48, 49, 50, 51 and 52: Major watersheds include the Wenatchee, Entiat, Methow, Okanogan and San Poil Rivers. This region also includes Columbia River habitat and other watersheds entering the Columbia River above Rock Island Dam up to and including the San Poil watershed.

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RFEG OVERVIEWS AND PROJECT DESCRIPTIONS

REGION 1 – NOOKSACK SALMON ENHANCEMENT ASSOCIATION

MISSION STATEMENT

The Nooksack Salmon Enhancement Association (NSEA) is a community-based nonprofit organization dedicated to restoring sustainable salmon runs in Whatcom County.

RFEG OVERVIEW

In 2003, Nooksack Salmon Enhancement Association crews and volunteers worked on 64 project sites, including 22 new projects within WRIA 1. 50,400 feet of riparian revegetation and channel improvement projects were implemented. NSEA volunteers attended 65 work parties and donated 13,393 hours to NSEA projects and programs. 1,000 students from 42 classes participated in salmon stream restoration work throughout all seven school districts. Business partners and donors significantly supported NSEA's mission through labor, cash, and in-kind donations.

PROJECT HIGHLIGHTS

SOUTH FORK NOOKSACK SUB-BASIN

Tawes Creek

- Landowner- Baldwin
  Riparian project – Revegetated 400 feet of stream bank and constructed 400 feet of livestock fencing.

Old Hutchinson Creek

- Landowner- Jacoby
  Instream/Riparian – Installed 8 LWD structures, revegetated 800 feet of stream bank, constructed 800 feet of livestock fencing.

MIDDLE FORK NOOKSACK SUB-BASIN

Middle Fork /Mosquito Lake Bridge Side Channel

- Landowner – WA Dept of Natural Resources
  Instream Project – Installed 15 LWD structures

NORTH FORK NOOKSACK SUB-BASIN

Mainstem

- Landowner- Bennett Woodland Farms
  Riparian and Instream Project – 1400 feet of revegetation and LWD installations.
- Landowner- Freeman
  Instream Project – 550 feet of riverbank rehabilitation.

Bonners Creek

- Landowner-Cronk
  Riparian Project – Revegetated 1200 feet of stream bank and constructed 1200 feet of livestock fencing.

Kendall Creek

- Landowner- Heller
  Instream Project – Installed 12 LWD structures

North Fork Mainstem

- Public Land- US Forest Service: Installed 11 ballasted LWD structures with USFS.

LOWER NOOKSACK AND TRIBUTARIES

Bertrand Creek

- Landowner-Hiksbergen and Schoneveld
  Instream Project – 700 feet of stream bank rehabilitation.

Scott Ditch

- Landowner-Elenbaas
  Riparian Project– Phase 2 riparian planting completed. 2,600 feet

Silver Creek

- Landowner- North Bellingham Golf Course
  Phase 1 & 2 riparian planting completed. Length, 2,300 feet both banks
- Landowner- Schimschal
  Riparian Project – ongoing revegetation of 900 feet.

Tenmile Creek Watershed

Tenmile Mainstem

- Landowner- Thompson
  Riparian Project – revegetated 400 feet of streambank
- Landowner – Gitts, Menzies, Maurerman, Henderson, Stockton, Hicks
  Instream Project – Installed 9 LWD structures

Fourmile Creek (Tributary to Tenmile Creek)

- Landowners-Huisenga, Lancaster, Davies, Brar, and Muencher
  Riparian Project 6250 feet revegetation
- Landowners- Allbaugh and Shilke
  Riparian Project, revegetation of 2500 feet
- Landowner – Kenoyer: Riparian Project
  Revegetated 1200 feet of streambank

Terrell Creek

- Landowners BP Cherry Point Refinery and WA Dept of Fish and Wildlife
  Instream channel and riparian restoration.

FRASER RIVER TRIBUTARIES

Saar Creek

- Landowner- Vreugdenhil
  Riparian and Instream project – Ongoing channel construction & riparian planting 500 feet

Johnson Creek

- Landowners- Lochbaum, Dykstra, Heeringa, and Van Weerdhuizen
  Riparian Project, Revegetation and erosion control work on 17,800 feet.

MAINTENANCE

NSEA+WA Conservation Corps crews maintained 30+ previously planted NSEA riparian sites.

EDUCATION AND COMMUNITY OUTREACH

Stream Stewards: In 2003, NSEA launched the Stream Stewards Program, a collaboration of five volunteer citizens groups that have committed to adopting and restoring the streams in their area. The Whatcom Community Foundation and Washington Department of Fish and Wildlife originally funded this program. In July, NSEA was awarded a $75,000 grant from the National Fish and Wildlife Foundation, for Stream Stewards, providing funding through August 2004. 150 volunteers signed up to be Stream Stewards.

The Stream Stewards program supports five watershed steward groups, including Terrell, Schell, Squalicum, Whatcom, and Padden Creeks. The groups meet monthly and accomplish on-the-ground projects to protect and restore their backyard streams. Stream Stewards also have the opportunity to attend workshops where they learn important information about salmonids, water quality, and riparian habitat. With the help of other partners in our local watersheds, the Stream Stewards concept aims for each sub-basin (watershed) within Whatcom County to have a grassroots, sustainable Stream Stewards group to coordinate its own restoration efforts.

Students for Salmon: Elementary Education Program

- Over 40 teachers located in 20 different schools throughout Whatcom County participated in NSEA's Students for Salmon educational program in 2003
- Over 1,000 students from 42 classes participated in classroom and field activities
- These students put in 4,897 hours of classroom time learning about salmon, and salmon habitat
- They also spent 3,258 hours in the field doing stream studies and restoration projects.
- 350 Northern Heights Elementary students planted coho fry in stream at WWU/NSEA site. Students raised fry from eggs in their school aquarium.
- NSEA brought together the skills of scientists, environmental educators, teachers, and volunteers, along with educational resources, and tools--enabling students to act cooperatively on behalf of salmon.

High School Honors Program: NSEA staff served as mentors over the winter for 11 students from Squalicum and Bellingham High. The students attended six Saturday sessions and worked hard to complete a research project.

Higher Education: Supported students at Western Washington University, Whatcom Community College, Northwest Indian College, and Bellingham Technical College with volunteer, service learning, research, and internship opportunities. NSEA supervised three internships for Western Washington University students.

Adult and Community Education: 48 presentations were made to a variety of groups, including Elderhostels, Scouts, Rotary Clubs, Neighborhood Associations, and others.

Exhibits: Information about salmon, stream restoration, and NSEA were displayed at the Northwest Washington Fair, Bellingham Farmer's Market, Walk for Wildlife, WWU, Haggens, Shucking on the Spit (Semiahmoo) and other local events. The first community Salmon Celebration was held in conjunction with the Bellingham Traverse.

Birch Bay State Park: NSEA provided a total of 10 campfire talks & stream walks at the state park focusing on salmon and Terrell Creek in a weekly summer program scheduled at Birch Bay State Park

Salmon at the Bay: This year NSEA held a fundraiser that celebrated salmon through art and music. Many local artists donated pieces that were displayed at Boundary Bay Brewery from August 22 – September 15 then auctioned of at the salmon barbecue dinner.

Salmon Summit: NSEA supported conference planning, registration, displays and speakers for the Nooksack Recovery Team's Annual Salmon Summit Conference, held at the Best Western Lakeway, involving over 350 attendees on November 13th, 2003.

Flyfishing Class: NSEA, with the support of Northwest Women Flyfishers are working to plan the flyfishing class that would be taught at WWU through Huxley College in Summer Quarter 2004. WWU's Dr. Leo Bodensteiner will be the lead instructor, with David James Duncan and others helping with the teaching. This is the first program of the "Liam Wood Fly Fishers and River Guardians" project.

AmeriCorps/Washington Conservation Corps: NSEA trained and supervised two Washington Conservation Corps Crews and three AmeriCorps volunteers in 2003. These young adults, ages 18-25, worked full-time to accomplish on-the-ground restoration, monitoring, education and volunteer projects.

Fish Passage Assessment: NSEA worked and will continue to work in 2004 under the direction of Whatcom County, Devine, Tarbell and Associates, and the Nooksack Tribe to assess fish passage barriers on private lands throughout Whatcom County, Watershed Resource Inventory Area 1.

Silver Creek Habitat Inventory: NSEA conducted a habitat inventory with limiting factor analysis.

Silver Creek Smolt Trap Study: A smolt trap was installed by WCC Crews and NSEA staff members in April. The trap was monitored daily through July 1st by WCC crews, volunteers, and NSEA staff. Counts included: 158 Coho Smolt, 31 Juvenile Cutthroat (fry and parr), 3 Juvenile Steelhead, 25 Sunfish (bluegill and pumpkinseed).

Spawner Surveys: During October through December 2003, volunteers from Bellingham Technical College surveyed twelve lower Nooksack tributaries. The survey data collected includes counts of live and dead fish by species, length measurements, number of redds, and sex of the fish. DNA tissues were collected from chinook and coho to determine where various stocks of salmon are spawning, as well as to compare genetic differences between salmon in the river.

PROJECT EXPENDITURES: JULY 1, 2003 - JUNE 30, 2004

Project Title	RFEG Funds	# of Vol Hrs	Vol Hours	Other Funds	Total Spent
ALEA - Fish Monitoring				$ 605	$ 605
ALEA - Habitat Restoration Materials				$ 420	$ 420
ALEA - Spring Chinook Acclim. Ponds I				$ 1,329	$ 1,329
ALEA - Spring Chinook Acclim. Ponds II				$ 4,500	$ 4,500
ALEA - Students for Salmon				$ 6,807	$ 6,807
ALEA - Tools and Materials				$ 9,450	$ 9,450
Birch Bay State Park Public Presentations				$ 750	$ 750
BP Cherry Point Refinery - Terrell Creek Restoration				$ 19,638	$ 19,638
BPA/Alcoa Fund- NSEA Conservation Workers				$ 69,958	$ 69,958
DOE Centennial Clean Water- Drainage Improvement Dist. Projects				$ 45,928	$ 45,928
DOE Centennial Clean Water- Lower Nooksack Tribs				$ 7,811	$ 7,811
DOE Centennial Clean Water- South Fork Restoration				$ 20,048	$ 20,048
DOE Centennial Clean Water- South Fork Tribs				$ 68,657	$ 68,657
DOE Centennial Clean Water- Tenmile				$ 49,408	$ 49,408
DOE Centennial Clean Water-Bertrand Assessment				$ 692	$ 692
DOT Log Structure Mitigation Project				$ 27,420	$ 27,420
DOT Logjam - NF Nooksack				$ 45,000	$ 45,000
Dudley Foundation - Administration				$ 2,521	$ 2,521
Georgia Pacific - Students for Salmon				$ 2,999	$ 2,999
Global Releaf-trees				$ 2,498	$ 2,498
NFWF - RFEG Support				$ 39,598	$ 39,598
NFWF - Stream Stewards				$ 17,088	$ 17,088
Nooksack Recovery Team				$ 2,532	$ 2,532
Northwest Women Flyfishers-Flyfishing School				$ 403	$ 403
NRCS- Nolte/Scott Ditch Planting Project Phase 2				$ 5,613	$ 5,613
Squalicum Creek Engineering - City of Bellingham				$ 179	$ 179
SRFB - MF Nooksack Side Channel Improvement				$ 101,378	$ 101,378
SRFB - Nooksack Road Erosion Control				$ 82,657	$ 82,657
SRFB - USFS North Fork Nooksack Log Structures				$ 39,056	$ 39,056
SRFB - Wells Creek Road Sediment Control				$ 3,958	$ 3,958
SRFB -Fish Passage Assessment				$ 18,674	$ 18,674
Terrell Creek Community Fund				$ 3,267	$ 3,267
USFS - TITLE II - Acclimation Pond Reconstruction				$ 10,495	$ 10,495
USFS - TITLE II - Spring Chinook Acclimation Volunteer Support				$ 6,694	$ 6,694
USFWS - 10 Mile Riparian Restoration				$ 49,416	$ 49,416
USFWS- Jobs in the Woods projects				$ 1,246	$ 1,246
USFWS- Jobs in the Woods: North Fork and Kendall Creek				$ 77,451	$ 77,451
USFWS- Jobs in the Woods: North Fork Tributaries				$ 45,510	$ 45,510
WDFW- Administration	20,115				$ 20,115
WDFW- AmeriCorps Volunteers Match	1,067				$ 1,067
WDFW- Education & Outreach	2,743				$ 2,743
WDFW- Habitat Restoration - Generic	16,067				$ 16,067
WDFW- Monitoring	3,270				$ 3,270
WDFW- Program Coordinator	3,928				$ 3,928
WDFW- Stream Stewards	15,007				$ 15,007
WDFW- Volunteer Support	2074				$ 2074
Whatcom Co. Pub Works - Salmon Recovery Plan				$ 12,623	$ 12,623
Whatcom Community Foundation - Stream Stewards				$ 7,500	$ 7,500
AneriCorps/WA Conservation Corps crews		10,875	163,133		$ 163,133
AmeriCorps Volunteers: WA Service Corps		4,056	60,840		$ 60,840
Whatcom Co Sheriff's Dept Alter. Corrections Crews		20,264	303,960		$ 303,960
NSEA Community Volunteers		8,378	200,893		$ 200,893
Cash Donations				$ 77,211	$ 77,211
Donated Services				$ 8,106	$ 8,106
TOTAL	**64,271**	**43,573**	**728,826**	**$ 997,094**	**$ 1,790,191**

REGION 1 – NOOKSACK SALMON ENHANCEMENT ASSOCIATION

BOARD OF DIRECTORS

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Kenneth Bronstein, Finance Manager
Darrell Gray, Project Manager
Rachel Vasak, Program Manager

NSEA Stream Restoration Crew
Dave Barker, John Hymas, Leif Swanson, Dan Weeks, Shannon Moore, Erik Logsdon-Hughes

WASHINGTON CONSERVATION CORPS/AMERICORPS PLACEMENTS

Crew Supervisors: Frank Corey and Angela Nelson
Crewmembers Isaiah Webb, Malcolm Benskin, Andrew Steadham, Yvonne Frazier, Craig Wilson, Misty Fall, Seth Alexander, Alex Benskin, Erin Mattson, Erik Logsdon-Hughes, Alicia Gutierrez, Lee Krancus, Colleen Smeade, Brad Lystra

INTERNS

Tess Koterba, Huxley College
Meleah Corey, Huxley College
Rachel Patton, Accounting Intern, Western WA University

WHATCOM CO. SHERIFF'S DEPT ALTERNATIVE CORRECTIONS CREWS

Crew Supervisors: Gary DeBeld and Dave Charlton

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NOOKSACK SALMON ENHANCEMENT ASSOCIATION

REGION 2 – SKAGIT FISHERIES ENHANCEMENT GROUP

MISSION STATEMENT:

The mission of the Skagit Fisheries Enhancement Group is to build partnerships that educate and engage the community in habitat restoration and watershed stewardship in order to enhance salmonid populations.

OVERVIEW

The Skagit Fisheries Enhancement Group has a very large region including the Skagit and Samish River watersheds as well as the watersheds of the San Juan Islands and Northern Whidbey Island. The Skagit River is the largest river in Puget Sound and also has the largest populations of Chinook salmon, pink salmon and bull trout. Restoration continues to be a challenging process, even in this relatively un-urbanized area of Puget Sound. This year was one of extremes. A very hot dry summer stressed newly planted seedlings and impacted our ability to work on forestlands due to increased fire risks. Early heavy rain events followed the dry summer dumping record amounts of rainfall in the upper Skagit watershed. Over 12 inches of rain fell during a 24 hour period in October 2003 causing many higher elevation streams to rise to record levels and flooding many communities throughout the Skagit Valley. Restoration sites were impacted by these large flood flows, but we were reminded that it takes this type of large scale water event to create new channels which form habitat for salmon in our rivers and streams. SFEG continued its work to improve fish passage on three streams this year and also implemented a major large woody debris project with a prominent timber company and the US Forest Service. We continued to seek new ways to engage the community in all aspects of our projects. A grant from the Puget Sound Action Team enabled us to implement a new educational program called Stream Stewards in two local communities. In addition, educational presentations were delivered to nearly 1,300 kids and adults, and 235 volunteers contributed over 5,000 hours planting trees, monitoring habitat conditions, counting returning salmon, flinging dead fish, educating local students and much more.

SUMMARY OF ACCOMPLISHMENTS 2003-2004:

Habitat Enhancement:	Riparian plantings	46 acres
	Riparian maintenance	100 acres
	Instream habitat enhancement	1.3 miles
	Estuary restoration	5 acres
	Fish passage improvement	Nearly 1 mile
	Nutrient enhancement	4,973 carcasses
Community Outreach:	Community education	1,277
	Volunteer involvement	5,072 hours

PROJECT HIGHLIGHTS

Riparian plantings

Native Plant Nursery: Over 46 volunteers contributed 461 hours to water, weed, maintain, transplant and pot native plants at SFEG's nursery to produce a higher quality plant in greater quantities than what is economically available at local nurseries. The native plant growing operation enables SFEG to use plants at any time during the growing season rather than the limited time plants are available at nurseries. SFEG's nursery can hold roughly 4,500 plants in four raised beds. Approximately 2,000 plants were used at restoration sites this year and 2,000 replacement plants were added for next year.

Riparian Planting Projects: SFEG's restoration crew and volunteers continued efforts to revegetate riparian areas throughout out region this past year. Approximately 46 acres of riparian area was planted with native trees and shrubs in partnership with many landowners, businesses and agencies at roughly 15 different sites. SFEG's restoration crew performed riparian maintenance activities on about 100 acres. Maintenance is needed to ensure plant survival at many sites during the first few years.

In-stream habitat projects

Finney Creek: This project involved installing 257 pieces of large woody debris to create 21 log jams in a 1.3 mile reach of Finney Creek owned by Crown Pacific Timber. Finney Creek has been plagued by increased sediment loads due to rapid logging of the hillsides during the 1970's and 1980's. Historically, Finney Creek provided important habitat for four salmon species (chinook, coho, chum and pink) and steelhead and cutthroat trout runs. Strategic placement of woody debris has reinforced existing small log jams and created new log jams that help trap sediment, create pools, and decrease water temperatures to make a healthier environment for salmon and resident trout. Logs were supplied by US Forest Service and flown in by helicopter to Finney Creek. Crews from the Forest Service and SFEG spent several weeks cabling these logs together to create large log jams. Salmon habitat will be improved throughout the 1.3 mile project reach, the 9 miles of anadromous habitat downstream, as well as the lower Skagit River. During the October 2003 flood events, many of the log jams moved downstream of their originally placed locations. Log jams were not anchored so they could be moved by the natural processes created by these flood flows. To date, our projects have placed over 1,000 logs into 103 log jams in two reaches of Finney Creek covering 3 miles of instream habitat. The project was funded by Salmon Recovery Funding Board with matching funds coming from USFS.

Fish passage projects

Marblegate Slough: A gravel road crossing consisting of failing culverts isolated the upper and lower segments of Marblegate Slough off the Skagit River near the town of Marblemount. SFEG replaced these undersized and failing culverts with a recycled flatcar bridge to re-establish the floodplain process and reconnect key isolated slough habitat for coho, chum and chinook salmon. The crossing provides access to a common area and river trails for residents of the Marblegate Community Association. SFEG worked with the landowners of the Association to develop this restoration project. Off-channel habitat provides over 1,800 linear feet of important refugia for juvenile salmon as well as spawning habitat for some salmon species. Much of the off-channel habitat in the Skagit River basin has been lost, thus the reconnection of this type of habitat is key to local salmon recovery efforts. This new bridge crossing was damaged during the October 2003 flood events, but passage for fish was not impeded. SFEG surveyed many fish during the 2003-04 spawning season including: 294 live chum, 127 coho, 10 pink

Stream Stewards tour their watershed

and at least one steelhead. SFEG will go back to repair the damage and allow pedestrian access during the summer of 2004. The project was funded by National Fish and Wildlife Foundation and Salmon Recovery Funding Board.

"The Marblegate Slough project is a classic example of a win-win project for nature and for man. Salmon get access to the slough and people get recreational access to the river. It goes a step further than preserving land for the sake of itself by providing a human connection."
--Tom Harville, Marblegate Community Association

Kids learn about stream life

Shoeshel Creek:
Landowners, George and Joleen Sloniker, had a perched, 30 inch-diameter concrete culvert creating a fish passage barrier under Shoeshel drive near Sedro Woolley. SFEG replaced this culvert with 12-foot diameter aluminum structural plate culvert to improve fish passage for coho salmon and cutthroat trout. This was the first time SFEG's crew had installed a plated culvert, but they rose to the challenge. The project opens access to a half mile of habitat leading to Bottomless Lake. Volunteers planted the site with native vegetation following the culvert replacement. Approximately 230 native trees and shrubs were installed. The landowners are very committed to the project and have been trained to conduct spawner surveys to count salmon returning to the stream during the winter. The project was funded by National Fish and Wildlife Foundation and Salmon Recovery Funding Board.

"The replaced pipe looks great. SFEG's volunteers and staff did a wonderful job with the plantings and fencing. They are a very professional organization. My father would have been very proud to see this project completed. I am ready to be a volunteer for life!"
---landowner Joleen Sloniker

Lake Creek Bridge: SFEG replaced a culvert barrier on a tributary to Lake Creek with a pedestrian bridge using Salmon Recovery Funding Board funds with in-kind contributions from the landowner. This project provides access to over 500 feet of prime spawning habitat. During the first spawning season (2003-04), volunteers inventoried 183 live coho, 17 carcasses, and 29 redds upstream of the former barrier. During a spring tour, it was noted that the stream was loaded with fry. This was a very cost effective project due to landowner donations and has provided access to important spawning habitat in the upper Nookachamps watershed.

COMMUNITY EDUCATION AND OUTREACH

Students stencil stormdrains to protect water quality

Stormwater Education: SFEG's stormwater education program continued to build momentum this year. There were 158 kids involved, stenciling 113 stormdrains with the message "Dump No Waste, Drains To Stream" on stormdrains throughout Skagit County. In an effort to raise awareness about stormwater pollution issues, this program teaches students about stormwater, its connection to salmon streams and why it is important to keep pollutants out of stormwater. This has become a very important message in our growing urban communities. Keeping pollutants out of stormwater is something that everyone has to be conscious of in order for the message to be effective.

Stream Stewards: A new program funded by Puget Sound Action Team's Public Involvement and Education (PIE) Fund, this 9-month workshop series is geared to residents living within specific watersheds in Skagit County. Through a series of workshops residents learn about their local stream, the wildlife connected to it, and ways they can get directly involved in keeping their stream healthy. Stream Stewards "graduates" will complete the workshop series equipped with a greater understanding of and appreciation for their salmon stream. By contributing 40 hours of volunteer service in exchange for the training, participants become actively engaged in the conservation and restoration of their streams. In its first four months the program has engaged 32 participants for a total of 143 volunteer hours contributed to date.

NUTRIENT ENHANCEMENT

Nutrient Enhancement: A new partnership was developed with the Fidalgo Fly Fishers and US Forest Service to help with nutrient enhancement this year. Fidalgo Fly Fisher volunteers distributed 4,973 carcasses from the Marblemount State Hatchery back to natural streams. This was primarily done as a weekly event loading totes from the hatchery filled with fish into a truck and flinging the fish back into the streams with pitchforks. But thanks to a new project with the US Forest Service, we were also able to redistribute carcasses above the Baker River Dams into the Upper Baker River via helicopter. Roughly 500 Chinook carcasses were dropped in the Upper Baker River.

ASSESSMENT, MONITORING, RESEARCH

Monitoring: Volunteers assisted SFEG's monitoring coordinator at 44 project sites to perform spawner surveys, monitor vegetation, conduct instream habitat monitoring, collect macroinvertebrates and take photos at reference points. About 60 volunteers were trained at workshops to utilize protocols for the five different monitoring programs. Dedicated volunteers walked 16.5 miles of creeks each week to count

returning salmon this winter. Monitoring has become an essential component of all restoration projects. Documenting results from projects provides much needed data to funders and partner organizations. We also formed an exciting new partnership with the Earthwatch Insitute to train their volunteers to assist with collecting data. SFEG has been participating on the Monitoring Committee for the Skagit Watershed Council as they develop a Monitoring Plan for our watershed.

Volunteers learn to measure the creek's bankfull width

Skagit River Stewards: During the seventh year of the Skagit River Stewards program, 19 volunteers contributed 157 hours for training and collecting biological samples at 8 restoration sites. This program is a successful partnership with the Forest Service and North Cascades Institute to conduct monitoring to track the health of tributaries to the Wild and Scenic Corridor of the Skagit River. Volunteers are primarily collecting aquatic macroinvertebrates to track stream health, but must also be trained to collect a variety of other physical parameters in order to make the biological data useful.

Feasibility Studies: This year SFEG began two feasibility studies both funded by the Salmon Recovery Funding Board. The Lower Day Creek Feasibility Study is looking at the historical habitat conditions of Lower Day Creek and Day Creek Slough and comparing this to existing habitat conditions. A GIS consultant was hired to put together a historical series of surveys and photographs from 1860 to present. SFEG will take this product and work with the Forest Service to develop restoration and protection actions. The Wiseman Creek Feasibility Study is looking at restoration alternatives that will restore more natural sediment delivery and deposition patterns as well as reestablish improved salmon passage and habitat. A technical advisory team has been put together and tasks are being undertaken to conduct this study.

Project Development: SFEG's Project Committee engaged in a planning effort that identified Focal Areas for future restoration efforts. There are two principal goals to the establishment of Focal Areas: 1) to focus SFEG's efforts on those areas where SFEG can have the greatest contribution to the health of native fish populations, and 2) to integrate SFEG's outreach and education programs with its restoration projects in a way that makes both more effective. The Focal Area Planning document is meant to provide a guide for project development over the next five years.

REGION 2 – SKAGIT
FISHERIES ENHANCEMENT GROUP

	Project Title	RFEG Funds	Vol Hrs	Vol Dollars	In Kind Match	Cash Match	Total Cost
1	Administration (NFWF, SRFB, Skagit County)	$ 31,800	1179	$ 18,889	$	$ 19,791	$ 70,480
2	Nutrient Enhancement	$ 439	135	$ 2,025	$ 197		$ 2,661
	(Fidalgo Fly Fishers, Wildcat Steelheaders)						
3	Education (NFWF, SRFB, Skagit Co)	$ 12,423	424	$ 6,360	$	$ 16,848	$ 35,631
4	Monitoring (NFWF, SRFB, Skagit Co)	$ 16,597	751	$ 12,060	$	$ 10,000	$ 38,657
5	Native Plant Nursery	$ 2,773	461	$ 6,915	$ 3,610	$	$ 13,298
6	Project Management (NFWF, SRFB, Skagit Co)	$ 16,760	314	$ 4,710	$ 4,600	$ 18,159	$ 44,229
7	Riparian Planting	$ 411	147	$ 2,205	$ 15	$ 5,446	$ 8,077
8	Skagit Watershed Council	$	141	$ 2,115	$	$	$ 2,115
9	WCC Match/Americorps (DOE)	$ 6,084		$	$	$	$ 6,084
11	Salmon Restoration Kits (WDFW-ALEA)	$		$	$	$ 1,566	$ 1,566
12	Deepwater Slough (SRFB, SRSC, WDFW)	$		$	$	$ 1,174	$ 1,174
13	East Fork Nookachamps Restoration (SRFB, WRP)	$	115	$ 1,725	$	$ 28,739	$ 30,464
14	Finney Creek Restoration (SRFB, USFS)	$	119	$ 2,438	$ 40,869	$ 74,434	$ 117,741
15	Lorenzan Creek Fish Passage (SRFB, NFWF)	$	5	$ 75	$	$ 2,133	$ 2,208
16	Marblegate Slough (SRFB, NFWF)	$	37	$ 555	$	$ 27,170	$ 27,725
18	Samish Riparian Restoration (SRFB, WRP)	$	10	$ 150	$	$ 19,152	$ 19,302
19	Shoeshell Fish Passage (NFWF, SRFB)	$	59	$ 885	$	$ 107,918	$ 108,803
20	Lake Creek Fish Passage (SRFB)	$	77	$ 1,989	$ 589	$ 10,786	$ 13,364
21	Day Creek Feasibility Study (SRFB, USFS)	$	41	$ 615	$ 150	$ 7,073	$ 7,838
22	Wiseman Creek Feasibility Study (SRFB, SRSC)	$	20	$ 300	$	$ 16,232	$ 16,532
23	Skagit River Stewards (The Ferguson Foundation)	$	178	$ 2,670	$	$ 3,610	$ 6,280
24	Childs Creek (Trout & Salmon, Mountaineers, FishAmerica)	$	42	$ 630	$	$ 5,000	$ 5,630
25	Stormwater Education (Mt Vernon, NW Women Fly Fishers)	$ 63	945	$	$	$ 2,620	$ 3,565
26	Stream Stewards (PIE)	$	143	$ 2,145	$	$ 8,535	$ 10,680
27	Wester Riparian (WRP, Ducks Unlimited)	$		$	$	$ 5,790	$ 5,790
28	Tewalt Backwater Slough (WRP, Ducks Unlimited)	$		$	$	$ 18,311	$ 18,311
29	Willoughby Riparian (WRP)	$		$	$	$ 7,929	$ 7,929
30	Remlinger Riparian (WRP)	$		$	$	$ 8,257	$ 8,257
31	Manger Riparian (WRP)	$		$	$	$ 3,800	$ 3,800
32	Marietta Slough (NSEA, NRCS)	$		$	$	$ 12,629	$ 12,629
33	Skiyou Slough Monitoring (SCD, SRFB)	$	13	$ 195	$	$ 2,000	$ 2,195
34	Salmon Planning	$	256	$ 3,840	$	$	$ 3,840
35	Baker River Project (US Army Corps, Town of Concrete)	$	342	$ 5,130	$	$	$ 5,130
	TOTALS	$ 87,287	5,072	$ 79,566	$ 50,030	$ 445,102	$ 661,984

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Lucy Applegate, Outreach Coordinator
Perry Welch, Project Manager
Kevik Rensink, Monitoring Coordinator

RESTORATION CREW:

Dan Jacobson, Restoration Crew Supervisor
Bob Keller, Restoration Technician
Dwayne Massey, Restoration Technician
Geoffrey Martin, Restoration Technician
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SKAGIT FISHERIES ENHANCEMENT GROUP

REGION 3 – STILLY-SNOHOMISH FISHERIES ENHANCEMENT TASK FORCE

MISSION STATEMENT

The Stilly-Snohomish Fisheries Enhancement Task Force's (Task Force) mission is to ensure the future of salmon in the Stillaguamish and Snohomish Rivers, and Island County watersheds. To achieve our mission, we pursue the following goals:

- To restore and enhance salmon and salmon habitat.
- To become the leading community-based salmon recovery advocate in our region.
- To facilitate the cultural shift necessary to complete our mission through public education and other means.
- To protect habitat through better regulation, acquisition, easements, and other means.
- To increase the capacity for change by partnering with other groups and agencies.

RFEG OVERVIEW

The Task Force is a 501 (c)(3) public non-profit community-based organization that depends on its dedicated volunteers, local business partners and donors, private and public landowners, and cooperative efforts with federal, state and county agencies, other non-profit organizations, Conservation Districts, and cities. These groups and individuals provide an invaluable source of donated time, in-kind, and cash match to support our many projects and activities in WRIA's 5, 6, 7, and a small part of 8. The Task Force continues to expand its opportunities in habitat restoration and enhancement activities for volunteers to include monitoring, carcass distribution, and on-the-job training for Americorps members and college interns. Task Force staff coordinated over 11,700 hours of community volunteers and students in the past year to create long-lasting results for future generations.

PROJECT HIGHLIGHTS:

Riparian Revegetation Projects

Buck Island - A 90-acre floodplain forest between the right bank of the Skykomish River and the left bank of Woods Creek in Monroe. Project funded by US Fish & Wildlife Service, Fish America Foundation, and Northwest Women Flyfishers. Project includes riparian and understory plantings, and control of invasive species, including knotweed, blackberry and ivy. Landowners: City of Monroe
Project Partners: USFWS, FAF, NWF, City of Monroe, Sky Valley Education Center, Washington State Department of Corrections (DOC) Community Service Crew, St. Thomas Moore School
Riparian planting: 1,500 feet Maintenance: 4.2 acres
Forest Understory planting: 8 Acres 1,500 Conifer Plugs

Portage Creek – A 156 acre wetland and wildlife sanctuary on the outskirts of Arlington. Staff and materials supported by a National Fish and Wildlife Foundation (NFWF) Five-Star Community-Based Restoration Grant, with funds from NOAA and the EPA. Other materials, plants and staff time paid for by National Resource Conservation Services (NRCS).
Landowners: Snohomish County; easement owned by National Resource Conservation Service (NRCS).
Project Partners: Snohomish County Parks Department, NRCS, City of Arlington, Stillaguamish Tribe, NFWF, NOAA, EPA
Riparian/Wetland planting: 1,800 feet Area planted: 11 acres # Tree planted: 5,000

Woods Creek Sub-Basin Restoration - Starting with two streamside landowners, the Task Force hopes to work with all 10 property owners in this housing community along lower Woods Creek in Monroe. A small pocket wetland was cleared of invasive Himalayan blackberry and planted in February of 2004.
Landowners: Stokes, Waggoner
Project Partners: Snohomish County Surface Water Management (SWM), Adopt-A-Stream, WSDOC
Riparian/Wetland planting: 700 feet #Trees/Shrubs planted: 350 Maintenance: 0.5 acre

Catherine Creek - 200 feet of stream, with cooperative landowners, this project gave the Task Force an opportunity to get its foot in the door in the Lake Stevens area.
Landowners: Ganalon Project Partners: SWM, WSDOC
Riparian planting: 200 feet #Trees/Shrubs planted: 250 Maintenance: 0.3 acre

Cemetery Creek - With a $10,000 donation from the City of Snohomish to support habitat restoration projects and educational outreach in the city's UGA, the Task Force began spearheading restoration efforts in the revitalized town of Snohomish.
Landowners: Pillings Project Partners: WSDOC, Friends of Cemetery Creek, Machias Elementary
Riparian planting: 400 feet #Trees/Shrubs planted: 200 Maintenance: 0.4 acres

In-stream Habitat Projects

Little Bear Creek LWD Installation, Rinker Materials, Woodinville, WA

The Task Force worked with Cooke Scientific Services, Otak Consulting, and fisheries biologist Alan Johnson of Aquatic Resource Consultants to design, develop, and implement an in-stream LWD habitat enhancement project along a 650 foot reach of Little Bear Creek. Placement of the wood was completed under the direction of the Task Force, Rinker Materials, Adopt-A-Stream Foundation, and Alan Johnson. The Stillaguamish BankSavers Project provided maintenance and noxious weed control in preparation for riparian planting.
Landowners: Rinker Materials Inc. Pieces of LWD placed: 60

Skykomish River Bank Stabilization Project, Packebush, Sultan, WA

The Task Force worked with Mr. Packebush, a riverfront private property owner, and Snohomish County SWM, on this cooperative bank stabilization project. Large woody debris was placed at the toe of the bank to provide structural bank stability, dissipate flow, and create habitat complexity. Coir soil lifts, called burrito rolls, were constructed to rebuild the bank. Willow livestakes were placed between the lifts to re-establish bank vegetation and bind the soil. Pieces of LWD placed: 8 Number of willow livestakes used: 500

Fish Passage Projects

Although the Task Force did not perform any fish passage projects this past season, we reviewed several potential projects. We are planning to address several small impassable dams and weirs for juvenile salmonids on Canyon Creek, a lower Snoqualmie River tributary that flows through the Aldarra Golf Course near Fall City. The Task Force has been working with golf course staff and board members to work out details and obtain funding for the project. WDFW is very supportive of this project, as Canyon Creek supports a healthy coho population. In addition, at the request of WDFW, Task Force staff and volunteer interns completed fish passage barrier assessment surveys on several small forest landowner culverts that were submitted to the Family Forest Fish Passage Program for financial assistance.

EDUCATION

The Task Force developed a year-long salmon habitat restoration curriculum four years ago, and continued this program with two classes again this year. Allen Creek Elementary School restored 200 feet of stream on Marysville School District property along Jones Creek in Marysville. Pioneer Elementary in the Arlington School District restored 300 feet of stream along Krueger Creek. The Task Force also provided educational opportunities for the Arlington-based home school program, The Experiential Learning Team, including giving them the job of developing and designing educational signs at the Portage Creek Wildlife Sanctuary in Arlington.

The Task Force offers both on-the-ground hands-on activities (plantings, maintenance, carcass distribution, etc.), as well as classroom lessons to local school teachers. We also provide opportunities for middle and high school students to meet learning service requirements for graduation and specific classes.

Working with local community college and four year university students, the Task Force makes on-the-job skill training and development available to these volunteer interns. Several college students in the past year have taken advantage of this opportunity, thereby gaining skills while providing invaluable data collection and project support to the Task Force staff and program.

ASSESSMENT, MONITORING, RESEARCH

College interns and dedicated volunteers have supported a large part of the monitoring and assessment activities that the Task Force has performed this past year. With the advent of a new Global Positioning System (GPS) unit funded through FAF, USFWS and NWF grants, staff and volunteers have busied themselves creating project site and survey maps for an increasingly varied monitoring program.

Monitoring, assessment, and mapping projects included a Woods Creek freshwater mussel survey, Japanese knotweed inventories on tributaries of the Stillaguamish River, carcass distribution/nutrient enhancement on tributaries of the NF Stillaguamish River, culvert assessments for fish barriers, and vegetation monitoring at project sites.

FISH ENHANCEMENT

The Task Force supports two fish rearing projects staffed by Puget Sound Angler Chapter volunteers: the Possession Point Coho Rearing Pond on Whidbey Island, and the Everett Net Pen located in the Everett marina. Combined, these projects release 75,000 coho smolts annually to support Puget Sound sport fishing activities.

COMMUNITY OUTREACH

This past year has found the Task Force entering into a variety of cooperative working groups to improve communication and coordination of watershed-wide restoration efforts, and to share information and assistance. The **Woods Creek Coalition** is one such group. This coalition incorporates knowledgeable and interested Woods Creek residents, as well as several local organizations, and state and tribal entities. The group provides landowners outreach and assistance to develop and implement salmon habitat restoration projects, and offers ways for residents to make a difference in their watershed.

The Task Force has also been instrumental in organizing and coordinating both the **Stillaguamish Cooperative Weed Management Area (CWMA)** and the **Snohomish CWMA** in the effort to combat aggressive invasive and noxious weeds in each respective watershed. The Stillaguamish CWMA will be holding an all-day Knotweed Symposium in November 2004, open to both agency personnel and the general public. We hope to reach up to 300 people with this educational effort.

The **Lead Entity Process** is another effort the Task Force takes seriously. Staff sits on two citizen-based policy forming committees, the Stillaguamish Implementation Review Committee (SIRC) and the Snohomish Forum. The Task Force plays a significant role in reviewing and prioritizing project proposals. This past spring, staff was also involved in reviewing and commenting on the draft salmon recovery plans for both basins.

NUTRIENT ENHANCEMENT

Looking for alternative volunteer opportunities, the Task Force established a new carcass distribution program with the assistance of the Stillaguamish Tribal Hatchery. With a bumper crop of chum salmon in the Stilly last winter, staff and volunteers distributed more than 750 carcasses in Harvey, Kunz and Rock Creeks, returning marine-derived nutrients to streams otherwise blocked to the salmon's return due to fish passage barriers. The Task Force plans to continue the carcass distribution program this fall.

PROJECT HIGHLIGHTS:

• Numbers of project sites worked	25
• Feet of stream restored	17,395 feet
• Number of trees, shrubs and livestakes planted	7,500
• Acres of understory planted	18 acres
• Number of plants salvaged for future restoration activity	9,000 plus
• Acres of maintenance performed	55.38 acres
• Stream miles surveyed for Japanese knotweed	26.4 miles
• Number of fish produced	75,000 coho
• Number of carcasses distributed	750
• Number of large woody debris (LWD) pieces installed	68
• Number of volunteer hours donated	11,705
• Dollar value of volunteer hours at $15.00 per hour	$ 175,575

PROJECT EXPENDITURES: JULY 1, 2003 - JUNE 30, 2004

Project Title		RFEG Funds	Vol Hours	Vol Value	Other Match	Other Funds	Total Spent
PM(1)	**Office Operations**	$ 56,721	217	$ 3,255	$ 1,334	$ 41,487	$ 102,797
	Administration	$ 2,514	0	$	$	$	$ 2,514
	Executive Director	$ 11,514	137	$ 2,055	$	$ 7,520	$ 21,089
	Volunteer Coordinator	$ 8,694	50	$ 750	$	$ 7,567	$ 17,011
	Project Equipment	$ 1,070	4	$ 60	$	$ 2,225	$ 3,355
	Infrastructure	$ 20,463	0	$	$ 1,334	$ 7,331	$ 29,128
	Project Manager	$ 6,240	26	$ 390	$	$ 16,845	$ 23,475
	Grant Writing	$ 2,589	0	$	$	$	$ 2,589
	Lead Entity Process	$ 1,650	0	$	$	$	$ 1,650
	RFEG/CAB Meetings, Reports	$ 1,987	0	$	$	$	$ 1,987
H(2)	**Habitat Program Management**	$ 29,594	9,523	$142,845	$ 90,690	$ 50,407	$ 313,536
	Canyon Crk @ Aldarra Golf Course	$ 21	30	$ 450	$ 544	$	$ 1,015
	Blue Sough	$ 577	50	$ 750	$ 4,748	$	$ 6,075
	Buck Island	$ 636	2217	$ 33,255	$ 10,057	$ 11,732	$ 55,680
	Catherine Creek	$ 113	240	$ 3,600	$ 2,002	$	$ 5,715
	Fish Creek	$ 167	800	$ 12,000	$	$	$ 12,167
	Habitat General Prog Mngmt	$ 9,589	0	$	$	$	$ 9,589
	Hecla Wetland Habitat Restoration	$ 125	115	$ 1,725	$ 572	$	$ 2,422
	Kristoferson Creek/Triangle Cove	$ 20	0	$	$	$	$ 20
	Maxwelton Creek Revegetation	$ 532	100	$ 1,500	$	$	$ 2,032
	Native Plant Nursery	$ 5,579	356	$ 5,340	$ 6,821	$	$ 17,740
	O'Hanley Habitat Restoration	$ 121	0	$	$	$	$ 121
	Pilchuck River	$ 95	0	$	$	$	$ 95
	Portage Creek Stewardship	$ 859	3112	$ 46,680	$ 30,835	$ 9,520	$ 87,894
	Prairie Crk LWD & Revegetation	$	441	$ 6,615	$ 2,476	$	$ 9,091
	Quilceda/Allen Project Support	$ 728	80	$ 1,200	$ 367	$	$ 2,295
	City of Snohomish (Habitat)	$ 1,568	330	$ 4,950	$ 2,739	$ 388	$ 9,645
	Snohomish CWMA	$ 63	0	$	$	$	$ 63
	Snohomish/Island Stream Habitat	$ 2,237	72	$ 1,080	$ 1,666	$	$ 4,983
	Stevens-Howell - NF Stilly Hab Rest	$ 180	297	$ 4,455	$ 1,775	$	$ 6,410
	Stilly Knotweed CWMA	$ 2,113	0	$	$	$ 400	$ 2,513
	Stilly Stream Habitat Improvement	$ 821	544	$ 8,160	$ 15,139	$ 856	$ 24,976
	WCC Restoration Crew	$ 855	0	$	$	$	$ 855
	Woods Creek	$ 2,595	547	$ 8,205	$ 2,936	$	$ 13,736
	Skykomish Bank Proj - Packebush	$	0	$	$ 2,000	$ 5,058	$ 7,058
	Little Bear Creek - Rinker	$	192	$ 2,880	$ 6,013	$ 22,411	$ 31,304
	Tychman Slough	$	0	$	$	$ 42	$ 42
E(3)	**Education & Outreach**	$ 12,203	1063	$ 15,945	$ 6,454	$ 1,165	$ 35,767
	Classroom/Presentations	$ 4,416	0	$	$ 75	$	$ 4,491
	Curriculum Development	$ 913	0	$	$	$	$ 913
	Education - General	$ 1,164	0	$	$	$	$ 1,164
	Jones Creek	$ 1,883	96	$ 1,440	$ 2,460	$	$ 5,783
	Krueger Creek	$ 1,570	354	$ 5,310	$ 3,919	$	$ 10,799
	City of Snohomish	$ 646	0	$	$	$ 1,165	$ 1,811
	Volunteer Stipend Program	$ 1,611	613	$ 9,195	$	$	$ 10,806
N(4)	**Nutrient Enhancement**	$ 2,030	107	$ 1,605	$ 952	$	$ 4,587
	Nutrient Enhancement	$ 2,030	107	$ 1,605	$ 952	$	$ 4,587
M(5)	**Monitoring**	$ 1,513	166	$ 2,490	$ 221	$	$ 4,224
	Monitoring - General	$ 1,179	0	$	$	$	$ 1,179
	Snohomish Monitoring	$ 88	0	$	$		$ 88
	Stilly Knotweed Monitoring	$ 39	83	$ 1,245	$ 221	$	$ 1,505
	Stilly Monitoring	$ 207	83	$ 1,245	$	$	$ 1,452
P(6)	**Fish Production**	$ 1,034	629	$ 9,435	$ 79,578	$	$ 90,047
	Everett Net Pen	$	345	$ 5,175	$ 28,878	$	$ 34,053
	Possession Rearing Pond	$ 1,034	284	$ 4,260	$ 50,700	$	$ 55,994
PCS(7)	**Portage Creek Wildlife Signage**	$	0	$	$ 176	$	$ 176
	Portage Creek Wildlife Signage	$	0	$	$ 176	$	$ 176
	TOTALS	$ 103,095	11,705	$175,575	$ 179,405	$ 93,059	$ 551,133

REGION 3 – STILLY-SNOHOMISH FISHERIES ENHANCEMENT TASK FORCE

DIRECTORS AND AFFILIATION

Dave Ward, President
Snohomish County Surface Water Management; Pilchuck, Audubon Society, Cascade Land Conservancy

Kip Killebrew, Vice President
Stillaguamish Tribe of Indians

Suzi Wong Swint, Treasurer
Snohomish County Surface Water Management Adult Education; People for Puget Sound

Ryan Hembree, Secretary
Snohomish County PDS, YMCA of Snohomish County

Terry Chism, Director
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Andy Loch, Director
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STAFF

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REGION 4 – MID-PUGET SOUND FISHERIES ENHANCEMENT GROUP

MISSION STATEMENT

Our mission is to conserve and restore self-sustaining salmonid populations through close involvement with diverse community interests.

Off-Channel salmon habitat creation and wetland planting along Salmonberry, Creek in Port Orchard.

HISTORY AND BACKGROUND

Mid Puget Sound Fisheries Enhancement Group (Mid Sound), founded in 1991 as a 501 (c)(3) tax-exempt non-profit organization, includes volunteer members representing businesses, state and local governmental agencies, tribal interests and environmental organizations.

Mid Sound directly supports the enhancement of salmonid populations and habitat throughout our region. The geographic region includes the Lake Washington basin (WRIA 8), Green/Duwamish River basin (WRIA 9), streams draining along the King County shoreline and west sound streams flowing into the Sound from Foulweather Bluff, south to the Kitsap-Pierce County line (WRIA 15). A reorganization of the RFEG Boundaries has recently given a portion of Hood Canal to Mid Sound. This area covers the Eastern shore of Hood Canal, south to the bridge.

Since 1991 Mid Sound has completed more than 260 projects, including streambank fencing, native tree and shrub plantings, fish blockage removal, wetland restoration, fish enhancement and monitoring, education and training events. Each of these projects have served as a catalyst to building community partnerships in Puget Sound. Together, these partnerships contribute invaluable time and resources for the recovery of salmon in the Pacific Northwest. Community-based salmon recovery develops educational opportunities for volunteers to learn and understand the interwoven complexities of our environment.

HABITAT PROJECT HIGHLIGHTS

Salmonberry Creek Wetland Pond Complex

The Salmonberry Creek project includes the creation of a five-acre wetland pond complex that will provide off-channel rearing and refuge habitat for salmonids, as well as 40 acres of native planting and invasive species control. One of the project aims is to minimize stranding of adult Coho salmon in farm fields during flood events. In addition to restoration, 40 acres of land will be secured into conservation easements.

We broke ground on the first phase of the project in August of 2003, excavating more than two acres of ponds and channels. Since construction, we have spread native grass seed and planted thousands of native trees and shrubs at the site. This spring and summer, we held seven volunteer events at the site to plant potted and bareroot trees and shrubs, spread grass seed and water the newly planted vegetation. We will be working on excavating the final phase of the project throughout September of 2004 and will be planting that area later in the fall with the help of volunteers.

Mid Sound has been assisted by numerous volunteers including but not limited to; Kitsap Stream Team, Klahowya High School and Ken Stephens' class at the West Sound Technical Skills Center, and the Kitsap Conservation District. Funding has been provided by Washington State's Salmon Recovery Funding Board and WDFW's Volunteer Cooperative Grant Program. Construction is being done by Pilchuck Excavating and project design and construction supervision is provided by Smayda Environmental Associates. Permit assistance has been provided by GeoEngineers. All conservation easements will be held by the Great Peninsula Conservancy.

Main Stem and North Fork Newaukum Creek

Mid Sound received funding from the Fish America Foundation to conduct restoration on three sites on the main stem and North Fork of Newaukum Creek. In total, 101 volunteers worked 983 hours to install 21 EL Wd structures, remove 13,500 sq. feet of Himalayan Blackberry and other invasive species, plant 2,750 native trees and shrubs, and spread mulch and cardboard over much of 27,000 sq. feet of riparian area. These actions greatly enhanced 1,500 linear feet of the Main Stem and North Fork Newaukum Creek for salmon.

Fish Flings 2003

You might have seen us on the front of you local paper or even perhaps on the evening news. From late September to Thanksgiving Mid Sound flung salmon into the Green River and it's tributaries. Each Tuesday and Thursday, Mid Sound, armed with brave volunteers, met at Soos Creek Hatchery to load the fish, and gear up for flinging. Placing hatchery salmon carcasses back into rivers is a proven nutrient enhancement method. Scientists have found that salmon bring back important marine derived nutrients to their watersheds and that these nutrients help the watershed's biological productivity. Mid Sound, by placing the carcasses back into the Green River and it's tributaries are enhancing the river by helping the salmon complete their circle of life.

This year Mid Sound flung 1063 Chinook, and 3435 Coho, combined for a grand total of 36,309 lbs. We were able to spread the fish out over 5 geographic areas at just over 20 different sites.

OUTREACH PROJECT HIGHLIGHTS

Mid Sound Boardmember and Festival MC, Willy O'Neil presents prizes to contest winners at the 1st Annual Enumclaw Salmon Festival

1st Annual Enumclaw Salmon Festival

More than 1,000 people attended Mid Sound's First Annual Enumclaw Salmon Festival on October 18, 2003. The purpose of the Festival was to promote the value of salmon to the culture and environment of the Enumclaw Plateau region and to promote awareness of the large number of Coho, Chinook and other salmonids that use the local Newaukum creek for spawning and rearing habitat.

One of the most popular activities was a kid's fishing derby provided by the Tacoma

Chapter of Trout Unlimited. TU sponsored a contest and awarded prizes to those who caught the biggest fish. Another popular guest was "FIN, the Migrating Salmon," a 25-foot interactive salmon sculpture borrowed from the North Olympic Salmon Coalition. Hundreds of students from local schools turned in wonderful artwork for the Enumclaw Salmon Festival Art Contest and Enumclaw Mayor John Wise awarded cash prizes at the Festival. Folks who wanted to see salmon in action had the opportunity to go on one of Mid Sound's Salmon Van Tours. Mid Sound tour guides conducted five tours throughout the day and took more than 60 people to the mouth of Newaukum Creek to view returning Coho salmon. The Middle Green River Coalition also hosted a very successful mountain bike ride and a road ride to view returning salmon in the Green River. Education about salmon and their habitat needs also was provided at the booths of King County WRIA 9, the Washington Department of Fish and Wildlife, King Conservation District and Mid Sound. Other groups such as the Middle Green River Coalition, ELWd Systems and Trout Unlimited also had booths. The Festival also featured library workshops about landscaping with native plants, animal tracking and the Green River. Folks danced to great live music throughout the day by local bands Lance Romance and Uncle Dan's Original Recipe and Seattle's Sockeye. The Enumclaw Salmon Festival also featured several arts and crafts booths and food booths by local vendors. As a special draw, Coho's Steak and Seafood Grill of Buckley, WA served up gourmet grilled salmon and salmon chowder.

Mid Sound Boardmember and Festival MC, Willy O'Neil also warmed up the crowd with his unique sound and soulful guitar.

Mid Sound partnered with the City of Enumclaw, the Enumclaw Chamber of Commerce, the Enumclaw Downtown Partnership, the Middle Green River Coalition and Boy Scout Packs 500 & 520. The festival was funded by Hancock Forest Management, the Muckleshoot Indian Tribe, the National Fish and Wildlife Foundation and King County Waterworks.

Mid Sound is sad to announce that Willy passed away in January, 2004. We will miss his knowledge and direction, his music and zest for life, and most of all his energy and vision.

MONITORING PROJECT HIGHLIGHTS

Big Spring Coho Smolt Trap

Mid Sound operated a Coho Smolt Trap for the second year at the mouth of Big Spring Creek. Big Spring Creek, is a small, low gradient stream the flows into Newaukum Creek that is in need of restoration. The trap was in place from the months of April and May, and checked twice daily by Mid Sound volunteers and staff. Eleven dedicated volunteers spent a total of 106 hours checking the trap this spring. The total number of Coho caught was 2105, almost the exact same as the previous year, 2103. This data will provide important background data for Mid Sound and it's partners as we plan and implement restoration projects on Big Spring Creek.

ACCOMPLISHMENTS

Number of barriers removed and miles of fish habitat opened up.	2 = 5,000 feet
Feet/miles of streambank revegetation	5,000 feet
Acres of riparian & wetland planted	20 acres
Feet/miles of fencing	2,000
Number of screening projects	0
Number of carcasses placed for nutrient enhancement.	5,000

PROJECT EXPENDITURES: JULY 1, 2003 - JUNE 30, 2004

PROJECT TITLE	RFEG FUNDS	# OF VOL HRS		OTHER FUNDS	TOTAL SPENT
N. FORK NEWAUKUM CK	$ 169.00				$ 169.00
ADMIN – GENERIC	$ 50,837.94	193.5	$ 2,902.50	$ 10,204.96	$63,945.40
HABITAT – GENERIC	$ 63,326.48	2,905.55	$43,583.25	$ 309.590.66	$416,500.39
OUTREACH – GENERIC	$ 13,094.34	155.5	$ 2,332.50	$ 40,389.98	$53,484.32
TOTAL	**$127,427.76**	**3,254.55**	**$ 48,818.25**	**$ 360,185.60**	**$ 534,099.11**

Before Picture of Riparian Fencing and Planting project along Newaukum Creek in Enumclaw.

After Picture of Riparian Fencing and planting along Newaukum Creek in Enumclaw.

REGION 4 – MID-PUGET SOUND FISHERIES ENHANCEMENT GROUP

BOARD OF DIRECTORS

Alan Miller	President, Trout Unlimited, East Kitsap County (WRIA 15) Salmon Habitat Restoration Committee Member
Al Barrie	Vice-President, Trout Unlimited, Green/Duwamish River (WRIA 9) Steering Committee Member
David Burger	Secretary/Treasurer, Stewardship Partners
Murray Andrews	
Paul Dorn	Salmon Recovery Coordinator - Suquamish Tribe
Josh Kahan	King County Green/Duwamish River Basin Steward
Brian Lull	Fishing and Hunting News
Rob Fritz	King County DOT
Geoff Reed	King Conservation District
James Rasmussen	Duwamish Tribe, Green/Duwamish River (WRIA 9) Steering Committee Member
Bill Lee	Puget Sound Anglers
Robert Johnson	Washington Wildlife Federation
Willy O'Neil	In Memorium

STAFF

Troy Fields	Executive Director
Mark Stamey	Project Manager
Nathalie Stamey	Outreach/Volunteer Coordinator

CONTACT INFORMATION

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ADVISORY COUNCIL

Senator Slade Gorton – Preston, Gates & Ellis, LLP
The Honorable ken Jacobsen – Chair,
Senate Natural Resources & Parks Committee
Merle Hayes – Tribal Elder, Suquamish Tribe
The Honorable Rob McKenna,
King County Councilmember
The Honorable Margaret Pagelar,
Seattle City Councilmember
The Honorable John Wise – Mayor,
City of Enumclaw
The Honorable Tim Clark – President,
Kent City Council
The Honorable Cheryl Kincer,
Port of Bremerton Commissioner
Gene Colin – CEO Ferguson Construction
Rollin Fatlund – President, RF&A
Business & Public Affairs Consulting
Kay Gabriel – Manager, Government
Affairs, Weyerhaeuser, Company
Lee Keller – Managing Partner, APCO
William E. O'Neil
Bill Robinson
Louis Bianco – CFO, Cell Therapeutics, Inc.

REGION 5 – SOUTH PUGET SOUND SALMON ENHANCEMENT GROUP

MISSION STATEMENT

The South Puget Sound Salmon Enhancement Group (SPSSEG) is a non-profit organization committed to increasing salmon populations in the south Puget Sound region through habitat restoration, community education, and volunteer involvement.

RFEG OVERVIEW

SPSSEG covers a large, diverse geographic area providing many opportunities for salmon restoration. The area includes the Puyallup, Nisqually and Deschutes River systems, their respective tributaries, and thousands of small streams and creeks draining directly to south Puget Sound.

There are 5 full-time SPSSEG employees, and a 9-member board providing a wealth of technical expertise and institutional memory for this 13 year-old RFEG. The group has well-established partnerships with Pierce, Thurston, Mason, and Kitsap Counties, Pierce Conservation District, Thurston Conservation District, Mason Conservation District, Green Diamond Resources, and the Squaxin Island, Nisqually, and Puyallup Indian Tribes. In 2003, the group's office was moved to Lacey near the Northwest Indian Fisheries Commission.

Numerous property owners, businesses, families and other salmon supporters comprise SPSSEG membership. The membership is complemented by non-member donors and volunteers who contribute valuable time and money.

From July 1, 2003 to June 30, 2004, we completed 5 fish passage and inventory projects, 2 education projects, and currently have 16 projects in progress. Five SPSSEG projects were funded in the Salmon Recovery Funding Board's (SRFB) Round 5, and we have recently submitted 10 proposals for SRFB Round 6 funding consideration.

IN–STREAM HABITAT PROJECTS

Little Skookum Valley Riparian (In-Progress) – This project will replant about 1,400 ft. of riparian vegetation and install several large woody debris (LWD) pieces into the ordinary high water (OHW) and channel. This project will create additional complex habitat needed by rearing salmon.

Lower Yelm Creek Restoration (In-Progress) – This project will reconstruct a historic off-channel pond, add LWD for cover, fence out livestock from several hundred meters of creek, and plant riparian vegetation. It will also restore access through a logjam providing about 10 miles of important spawning and rearing habitat for chum, coho, steelhead, and cutthroat trout. HPA and Army Corp permits have been received and a Biological Evaluation and engineering designs have been completed. A contractor has been selected and construction will be completed July, 2004. Volunteers also salvaged native plants on June 30, 2004. This native vegetation will be replanted when construction is complete.

Nisqually Off-Channel Habitat Survey and Design (In-Progress) – This project has resulted in the inventory of approximately 50 functional Off-Channel habitat features within the floodplain of the Nisqually River, and the identification of many sites with restoration potential. Restoration sites have been prioritized based on biological significance, landowner willingness, and cost effectiveness. Two sites have engineering designs and cost estimates completed and have been submitted for grant funding. We are also in the process of developing engineering designs and cost estimates for four to six more sites. The Nisqually Off-Channel Habitat Assessment Report was completed May 2004.

Lower Mashel Restoration (In-Progress) – This project is located on the lower 0.7 miles of the Mashel River, which includes vital spawning and rearing habitat for Chinook, coho, pink, steelhead, and cutthroat trout. Project elements include the modification of 0.5 miles of a washed-out road to prevent future fine sediment input and the addition of 7 log jams for the purpose of gravel sorting, pool formation, bank erosion reduction, and to increase cover. In order to measure the effectiveness of LWD addition, an intensive monitoring study has been initiated. HPA and Army Corp permits have been received and a Biological Evaluation and engineering designs have been completed. The project will be advertised for bid in August 2004 and construction will occur shortly after.

Hylebos Oxbow Project (In-Progress) – This project is a partnership with Pierce Conservation District and Friends of the Hylebos. It will create additional off channel rearing by excavating two ponds in the floodplain and incorporating LWD into the project.

FISH PASSAGE PROJECTS

Gosnell Creek Fish Passage Project (Completed) - This project was a partnership with private landowners, Mason Conservation District, Mason County Public Works Department, and USFWS. This project removed side-by-side barrier culverts and replaced them with a forty-foot span BIG R bridge with cast-in-place abutments. Approximately 5 miles of spawning and rearing habitat was made available to coho, chum, cutthroat and steelhead.

Anderson Lake Creek (Completed) – This culvert replacement project was completed in 2002. SPSSEG and volunteer landowners conducted some maintenance during 2003.

Sherwood Creek Fish Passage (Completed) – This culvert replacement project was completed in 2002. SPSSEG and project partners replaced two culverts with a bridge on the mainstem Sherwood Creek (river mile 5). SPSSEG and partners are still monitoring and maintaining the revegetation project.

96th Street Oxbow (In Progress) – This project will install a 6′ diameter fish friendly culvert on the Puyallup River levee and open up historic oxbow and backwater habitat on the right bank mainstem Puyallup River (river mile 14.5). This project has been fully funded, permitted, and engineered. Installation is scheduled for summer 2004.

Perry Creek Fish Passage Project (In Progress) – This project will replace two fish barriers on a small tributary to Perry Creek with fish friendly alternatives. This project has been fully funded, permitted, and engineered. The project is scheduled for summer 2004 construction.

Little Skookum Valley Passage (Eich Road) (In Progress) – This project is a small right bank tributary to Skookum Creek that will replace a failing culvert with a 28′ span concrete bridge. The project has been fully funded, permitted, and designed. SPSSEG will partner with Mason County to implement this project scheduled for construction in the summer of 2004.

Malaney Creek Fish Passage (In Progress) – This project will replace a small 4′ culvert with a 20′ box culvert. This culvert will restore historical upstream access for several species of salmonids. The existing

culvert has been a significant salmon barrier for several years. SPSSEG will partner with Mason County to implement this project. It is still in the design phase and scheduled for construction in the summer of 2005.

Goat Hill Creek (In Progress) – This project is funded by FFFPP and will replace a salmon barrier culvert. This project is a small tributary to Lake Isabella in Mason County. SPSSEG has begun engineering and permitting and is on target for summer 2004 construction. We will partner with Green Diamond Resources to implement this project.

Frye Cove Creek (In Progress) – This project is funded by FFFPP to replace a salmon barrier culvert. This project is located low in the watershed and will provide access for rearing and spawning salmonids. SPSSEG has begun engineering and permitting and is on target for summer 2004 construction.

Galivan Fish Passage Project (In Progress) – This project is funded by FFFPP and will replace a salmon barrier culvert. Project permitting and engineering are complete. It's on track for summer 2004 construction.

Sportsman Oxbow (In Progress) – This project is a partnership with Pierce Conservation District. SPSSEG will be coordinating permits, engineering, and project implementation. The project is on the Puyallup River at river mile 14.

Minter Creek Watershed Fish Passage Project (In Progress) - This project employs a watershed-based approach to the selection and removal of five fish passage barriers in the Minter Creek watershed. Barriers will be replaced with structures that will allow migration of all species and life stages and allow transport of sediment, LWD and high flows. Accessible habitat will be utilized by chum, coho, steelhead and cutthroat trout. Designs were completed in the fall of 2003 and permits were received in spring 2004. The lower-most barrier will be replaced in summer 2004 and the other four will be replaced in summer of 2005. This project will open nearly ten miles of spawning and rearing habitat.

Perkins Creek (In Progress) - Perkins Creek is located in the McLane Watershed near the west boundary of WRIA 13. Perkins Creek is a multiple salmonid stream system, offering spawning and rearing habitat to chum, coho, winter steelhead and cutthroat trout. SPSSEG has completed designs, cost estimates and permits to replace an anadromous fish barrier culvert and replace it with a 14' span pipe arch culvert that will allow unimpeded salmonid migration at all life stages to one mile of habitat and allow the transport of stream bed material and other allochthonous materials including large woody debris. In March 2004 a construction contract was awarded and construction is expected to begin summer 2004.

Puget Creek Fishway (In Progress) – SPSSEG is a supporting partner to the Puget Creek Restoration Society in the replacement of a private driveway culvert with a fish friendly structure in WRIA 12 (Chambers-Clover).

ASSESSMENT, MONITORING, RESEARCH

Puyallup Feasibility Study (Completed) – This study identified 10 restoration projects for funding within WRIAs 10 and 12. SPSSEG has entered into multiple partnerships to implement salmon projects.

WRIA 14 Fish Passage Inventory (Competed) – SPSSEG has completed a WRIA 14 culvert inventory. Over 360 anadromous structures were identified and the barrier status for each culvert was evaluated using WDFW protocol.

WRIA 14 Project Development Grant (In Progress) – This project will utilize the results from the WRIA 14 Fish Passage Inventory developing the top 10 projects into engineered preliminary designs. These designs will be used for funding and planning purposes.

Pierce County Stream Inventory (In Progress) – This project is a partnership with Pierce Conservation District. SPSSEG will identify and develop viable salmon recovery projects near South Prairie Creek.

WRIA 13 Fish Passage Inventory (In Progress) - This inventory uses the WDFW protocol to evaluate all culverts, dams and fishways on anadromous streams in WRIA 13. Over 230 structures have been located and evaluated and 12 habitat surveys have been conducted upstream of these barriers to assess the quantity and quality of potential habitat gain. Currently finishing touches are being made to the report, database, and field work. This project will be completed in fall 2004.

WRIA 13 Prioritization and Development Project (In Progress) - Ten projects will be prioritized and selected from the WRIA 13 culvert inventory that is currently being conducted by SPSSEG. The current SRFB-funded culvert inventory identifies and evaluates anadromous barrier culverts on private roads and driveways. The next step will be to analyze data and prioritize anadromous barriers for project development with guidance from the WRIA 13 Technical Advisory Group. The top ten projects will be selected based on feasibility and objectives outlined in the WRIA 13 Strategic Plan. This proposal will provide SPSSEG and cooperating partners with 30% engineered designs, cost estimates, landowner information, GIS maps, and site photographs for ten anadromous fish barriers. SPSSEG along with other agencies and sponsors can use the information to implement projects, pursue funding sources, and build partnerships.

Budd Inlet Project Development (In Progress) - This proposal creates a partnership with Capitol Land Trust, Squaxin Island Tribe, Thurston County Roads Department, South Sound GREEN, and private landowners to develop two stream and two estuarine restoration projects located in Budd Inlet. It will also engage volunteers in monitoring and salmon recovery efforts. This phase of the project has resulted in completed preliminary designs and cost estimates to remove/replace estuarine and freshwater migration barriers. By fixing all four of these barriers, nearly two miles of spawning and rearing habitat will be created and two estuaries will function at highly improved ecological capacity. This project will likely have a positive impact on migrating salmon stocks from adjacent watersheds by providing a source of food and refuge.

EDUCATION

Kennedy Creek Salmon Trail (Ongoing) - The trail provides public viewing access to one of the South Sound's healthiest chum salmon runs. Taylor United Shellfish Co. signed a 20-year land lease with the SPSSEG for the development and operation of the half-mile interpretive trail along Kennedy Creek (WRIA 14). The SPSSEG and the Kennedy Creek Advisory Committee plan and manage the trail's annual activities, and 30 volunteer trail guides educate school groups and other visitors. About 5,000 people of all ages visit the trail every November-December to observe the returning adult salmon spawn in their native stream.

Kids with Conservation Knowledge (Ongoing) - SPSSEG assisted Mason Conservation District with teaching salmon ecology classes at their 7th annual Kids with Conservation Knowledge (KWICK) program. Over 300 Mason County 3rd graders took part in the 2-day program located at the Little Skookum Shellfish Growers farm near Shelton.

Education and Outreach (Ongoing) - SPSSEG board, staff, partners, and volunteers are always looking for ways to provide salmon education and outreach. Staff and volunteers were involved in several great opportunities including Kids with Conservation Knowledge, South Sound GREEN, and Clark Creek Education Day. We also use these funds to update our website, create and distribute newsletters, and organize our annual meeting/general membership meetings.

Generic Projects (Ongoing) - Our riparian restoration, office operations, project management, project engineering, and project construction activities often utilize RFEG funds. These funds are at times also used for individual on-the-ground and educational projects and to maintain and build our organizational infrastructure.

PROJECT EXPENDITURES: JULY 1, 2003 - JUNE 30, 2004

Project Title	RFEG Funds	# of Vol Hrs	Vol Dollars	Other Funds	Total Spent
1 96th Street Oxbow				$ $11,929	$ 11,929
2 Anderson Lake Creek Culvert				$ 817	$ 817
3 Gosnell Creek Fish Passage	$ 8,860			$126,636	$ 135,496
4 Mashel Creek Monitoring				$ $494	$ 494
5 Lower Mashel Restoration				$ $8,099	$ 8,099
6 Lower Yelm Creek Restoration				$ 11,153	$ 11,153
7 Nisqually Off-Channel Project				$ 54,121	$ 54,121
8 Minter Creek Fish Passage				$ 53,478	$ 53,478
9 Perry Creek Fish Passage				$ 7,776	$ 7,776
10 Puget Creek				$ 684	$ 684
11 Puyallup Feasability Study				$ 773	$ 773
12 Sherwood Creek				$ 1,652	$ 1,652
13 WRIA 13 Fish Passage Inventory		75	$ 1,125	$ 22,975	$ 24,100
14 WRIA 14 Fish Passage				$ 192	$ 192
15 WRIA 14 Fish Passage Project Dev				$ 40,188	$ 40,188
16 Little Skookum Valley: Passage				$ 21,957	$ 21,957
17 Little Skookum Valley: Riparian				$ 8,029	$ 8,029
18 Malaney Creek Fish Passage				$ 32,376	$ 32,376
19 WRIA 13 Prioritization & Dev				$ 12,772	$ 12,772
20 Budd Inlet				$ 35,151	$ 35,151
21 Perkins Creek Fish Passage				$ 13,862	$ 13,862
22 Goat Hill				$ 3,047	$ 3,047
23 Frye Cove Creek				$ 5,660	$ 5,660
24 Lynch Creek				$ 463	$ 463
25 McDonald Creek				$ 449	$ 449
26 Gallivan				$ 125	$ 125
27 Sportsman Oxbow				$ 2,190	$ 2,190
28 Pierce County Stream Inventory				$ 3,665	$ 3,665
29 Foothills Trail Culvert Replacement				$ 2,249	$ 2,249
30 Hylebos Oxbow				$ 1,545	$ 1,545
31 Mashel Creek				$ 214	$ 214
Generic Projects					
Office Operations	$144,731	807	$12,105		$ 156,836
Project Management	$ 11,722		$-		$ 11,722
Project Engineering	$ 2,718		$-		$ 2,718
Education & Outreach	$ 12,799		$-		$ 12,799
Kennedy Creek Salmon Trail	$ 1,652	409	$ 6,135	$ 16,663	$ 24,450
Totals	$182,482	1,291	$19,365	$501,384	$ 703,231

BOARD

Terry Wright, President, NWIFC
Blake Smith, Vice President, Puyallup Indian Tribe
Richard Johnson, Secretary, White River Hatchery
Jen Thurman-Williams, Treasurer, Business Owner
Dan Wrye, Pierce County Water Programs
Joe Williams, Retired (Department of Ecology)
Marc Wicke, Tacoma Power
Sally Hicks, SJH Enterprises
Vacant

STAFF

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Christine Garst, Accounts Manager
Jason Lundgren, Project Manager
Teresa Moon, Project Manager
Lance Winecka, Project Manager

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REGION 6 – HOOD CANAL SALMON ENHANCEMENT GROUP

MISSION STATEMENT

To perpetuate and enhance the genetic diversity and stocks of Wild Salmon in Hood Canal through the protection and restoration of salmon habitat, stewardship and research for watershed and marine ecosystems, community education and out reach, and any other means appropriate. Adopted in 1990, modified in 1999, 2002 and 2003.

OVERVIEW

The region covered by the Hood Canal Salmon Enhancement Group (HCSEG) includes all streams emptying into Hood Canal south of the Hood Canal Floating Bridge. Among them, the Skokomish River is the largest drainage and the Dosewallips, Duckabush and the Hama Hama Rivers are also significant. These snow and glacier fed streams start high in the Olympic Mountains and descend steeply into the west side of Hood Canal, creating very specific rearing conditions for salmon. Not surprisingly, most Hood Canal stocks are genetically distinct from Puget Sound and Coastal Salmon.

On the eastside of Hood Canal, flowing from the Kitsap Peninsula, the streams are smaller than those of the westside of Hood Canal and include some of the most intact salmon habitat on the Kitsap Peninsula. Among them are Big Beef Creek, Dewatto, Tahuya and Union Rivers. These streams generally have more accessible spawning habitat and more extensive estuaries.

The Hood Canal region supports Fall Chinook, Summer Chum, Pinks, Fall Chum, Coho, Steelhead and Sea-run Cutthroat. We do all projects and goals of HCSEG in conjunction with the managers of the Salmon Resource and the Technical Work Group: Long Live the Kings, Washington Department of Fish and Wildlife, U. S. Fish and Wildlife Service, National Marine Fisheries Service, Hood Canal Tribes, Department of Natural Resources, U. S. Forest Service and local counties. Fifteen years of working together have created a better future for Wild Salmon in Hood Canal.

As an organization, we've utilized our state and federal pass through funds for basic infrastructure and support for the programs and projects we undertake. Each year we become better at creative financing and do more and more projects for Wild Salmon Restoration.

In the time period July 1, 2003 through June 30, 2004, the Hood Canal Salmon Enhancement Group

- Partnered with Hood Canal Institute(HCI) in hosting Environmental Explorations, where over 700 students from the Hood Canal region spend the day at HCWPC
- Conducted the 1st Annual Wild Salmon Hall of Fame – first recipient was Jeff Cederholm

  Took part in the development of the Pacific Northwest Salmon Center providing Board participation, staff support and logistics for the 2nd Annual Wild Salmon Hall of Fame to be held September 25, 2004 at Alderbrook
- Assembled the skeleton of a 3 year old grey whale with the help of over 100 community volunteers. The bones were also casted to produce molds which can be used to manufacture replicates for educational purposes

- Continued survey and removal of Hood Canal for Ghost Nets and Derelict Gear in a partnership with the U.S. Navy
- Held day and overnight Salmon Camps for 32 students
- Partner with WDOT in the Skobob Creek Bridge – WDOT completion in 2005
- Completed 4th year of Dewatto Nutrification Project – operating 13 smolt traps
- 4th year of the Union River / Tahuya River Summer Chum Project – Partnering with WDFW George Adams Hatchery - Returns at the trap have been as follows:

  2000 – 744

  2001 – 1,491

  2002 – 872

  2003 – 11,916

  2004 – 2,605 as of 9-8-04
- Released another 86,000 Summer Chum, 190,000 Fall Chum, 315,000 Chinook, 198 Adult Steelhead 961 age 2 Steelhead smolts
- Partner in Lower Union River Restoration Study – Centennial Clean Water grant – contracting for Water Quality sampling and analysis. Other partners include Mason Conservation District and Ecology and the Mason County Department of Health
- Continued gridding and completing baseline monitoring of several Hood Canal Rivers
- Completion of the lower Tarboo Creek culvert on Dabob Road
- Completion of culvert projects on McElhaney Creek, Long Marsh, and Toonerville Marsh
- Completion of Tarboo Center Road culvert project
- Completion of Dalby Creek and Alderbrook Creek restoration partnering with WDOT and NFWF
- Implementation of the Shine Estuary/Creek Restoration Project
- Final draft of the Highway 101 Causeway Removal and Assessment Project Plan
- Riparian Survey and Inventory conducted on the Tahuya and Dewatto River Watersheds
- Completion of the East Seabeck Culvert Project in partnership with Pacific Sound Resources Environmental Trust
- Partnered with HCI and DNR in Students in the Watershed, where 400 4th graders learn environmental stewardship
- Partnered with Kitsap County with the Kitsap Water Festival, where 300 4th graders participate in water quality issues.
- Installed flow gages on two more rivers, database for these and the existing two is being developed in a partnership with Kitsap County PUD, and the USGS.
- Weekly dissolved oxygen sampling at 15 sites along the Hood Canal with many partners, including Ecology, UW, WDFW, USGS, HCCC, DOH, Skokomish Tribe, USFWS, PSAT and the Naval Underwater Warfare Center

- Riparian Survey and Inventory conducted on the Duckabush River
- Summer internship for twelve and eight Hood Canal Region high school graduates in 2003 and 2004, respectively.
- Over 14,000 community volunteer hours
- Distributed over 5,000 carcasses in WRIA 15
- Acquisition of 18 acres on East Seabeck Creek
- Community Outreach by interns at Taste of Hood Canal, Allyn Days, Grapeview Days
- Awarded 16 - $1,500 Scholarships to students in the Hood Canal Watershed
- Participated in the Puget Sound Shared Strategy Program
- Successfully completed our 4th year with a WSC AmeriCorps Team (5 members)
- Completed the 10th year of our all species Salmon restoration on the Hama Hama River partnering with LLTK, WDFW, NMFS and USFWS
- Participated and supported the Skokomish Tribal Nation Canoe Journey to Vancouver Island

PROJECT EXPENDITURES: JULY 1, 2003 - JUNE 30, 2004

	Project Name	RFEG Funds	Vol Hours	Vol Dollars	Other Funds	Match	Total Spent
1	Administration	$1,268.25					$ 1,268.25
2	Habitat Design						$ 0.00
3	Supplies	$ 337.28					$ 337.28
4	Outreach						$ 0.00
5	Research						$ 0.00
6	Monitoring						$ 0.00
7	Travel	$1,130.37					$ 1,130.37
1	WDFW #03-1292 Admin	$49,951.05					$ 49,951.05
2	WDFW #03-1292 Projects	$6,562.05					$ 6,562.05
8	ALEA #38020160 - Volunteer Monitoring	$2,900.16					$ 2,900.16
9	ALEA #38020383 - HC Monitoring	$ 292.00					$ 292.00
10	ALEA #38030067 - Volunteer Monitoring	$3,345.32					$ 3,345.32
11	USFWS #134101J016				$ 4,313.24		$ 4,313.24
12	USFWS #134102J014				$56,860.00		$ 56,860.00
13	USFWS #134103J010				$57,807.19		$ 57,807.19
14	NFWF - RFEG #2002-0310-006				$19,500.00		$ 19,500.00
15	NFWF #2002-0176-000				$32,419.53		$ 32,419.53
16	NFWF #2002-0370				$200,000.00	$169,071.00	$ 369,071.00
17	Dewatto Easement - IAC - #00-1084A				$43,432.50	$ 10,379.73	$ 53,812.23
18	HC Ghost Net Survey -IAC #01-1339-N				$52,998.00		$ 52,998.00
19	LeBar Ck Rd Decomm.-IAC #01-1426R				$ 2,352.90	$ 2,660.00	$ 5,012.90
20	ID/Restore - IAC #01-1428R				$20,967.91	$ 37,500.00	$ 58,467.91
21	Tarboo Ck Rest. - IAC - #01-1312R				$139,268.74	$198,472.28	$ 337,741.02
22	Shine Estuary - IAC - #02-1475R			$ 29,654.03	$39,849.98	$ 69,504.01	
23	Skobob Ck FCAAP				$25,430.30		$ 25,430.30
24	USFS Title II #NFS 02-CA-11060900-016				$ 5,887.16		$ 5,887.16
25	LURRS - CCW #G0300094		479	$ 7,185.00	$60,788.49	$ 20,222.49	$ 88,195.98
26	Long Marsh - Toonerville Culverts					$ 90,663.62	$ 90,663.62
27	McElhaney Culvert					$ 56,139.10	$ 56,139.10
28	East Seabeck Creek Culvert				$66,144.22	$ 20,000.00	$ 86,144.22
29	Experience Salmon Camp 2003				$ 6,278.11		$ 6,278.11
30	Volunteer Hours - Sept 2003		2,342	$ 35,130.00			$ 35,130.00
31	Volunteer Hours - Dec 2003		2,087	$ 16,305.00			$ 16,305.00
32	Volunteer Hours - Mar 2004		576	$ 8,640.00			$ 8,640.00
33	Volunteer Hours - Jun 2004		467	$ 7,005.00			$ 7,005.00
34	AmeriCorps Crew hours		8,500	$106,250.00			$ 106,250.00
Totals $		65,786.48	14,451	$ 180,515.00	$824,102.32	$ 644,958.20	$ 1,715,362.00

BOARD OF DIRECTORS

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Deb Triplett Gillum, Board Member – Keyport, Public Relations Specialist
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Dan O'Neal, Board Member – Retired Attorney
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Bob Sund, Board Member – Retired School Administrator
Dewayne Vetter, Board Member – Retired Welder, PSNS

STAFF

Neil Werner, Executive Director
Eileen Palmer, Administrative Assistant
Dan Hannafious, Assistant Director
Chris Daniel, Education / Outreach Coordinator
Lee Boad, Salmon Project Director – Half time
Nathan Ackley, Field Specialist
Renee Rose, Water Quality
Matt Korb, Nearshore Specialist

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REGION 7 – NORTH OLYMPIC SALMON COALITION

MISSION STATEMENT

Our mission is to protect, restore and increase salmon stocks in North Olympic Peninsula Watersheds.

OVERVIEW

As a non-profit community-based salmon recovery organization, North Olympic Salmon Coalition provides funding, guidance, technical assistance and ongoing support for salmon habitat restoration and enhancement. Our region includes the watersheds along the coast of the Strait of Juan de Fuca, extending from the Hood Canal Bridge west to Neah Bay. We work cooperatively with the WA Department of Fish and Wildlife (WDFW), Jefferson and Clallam County Conservation Districts (JCCD and CCD), Point No Point Treaty Tribes, a variety of agencies, schools, community organizations, volunteers and landowners. Funding from Cooperative grants, WA Salmon Recovery Funding Board (SRFB), National Fish and Wildlife Foundation (NFWF), FishAmerica, Trout Unlimited /Embrace-a-Stream, and Jefferson County augmented the RFEG funds. Technical support from WDFW, US Navy, Lower Elwha Klallam Tribe, Jamestown and Port Gamble S'Klallam Tribes and JCCD are critical components to our project success.

We participate in Salmon Recovery Funding Board processes in two lead entities. In Hood Canal Coordinating Council Lead Entity we participate in technical review, citizen project ranking and strategy development. In North Olympic Peninsula Lead Entity, NOSC's priority watersheds are Morse Creek in WRIA 18 and the variety of rural watersheds in WRIA 19.

Fish Enhancement

During the past year NOSC volunteers continued their efforts to restore Summer Chum in three watersheds: Salmon, Chimacum and Jimmycomelately Creeks. The results continue to show success from the broodstock supplementation program funded by a WDFW Cooperative Grant. The Salmon Creek return has been so successful that this is the last season broodstock enhancement will occur on this creek. The Chimacum Broodstock Program was also ended at this time due to high return levels. NOSC volunteers will continue to monitor the population to ensure broodstocking does not need to occur in the future.

Volunteers work together to prepare the Salmon Creek trap for the upcoming Summer Chum run.

In-stream habitat projects

A key to maintaining self-sustaining summer chum and native coho and steelhead runs is to identify and improve habitat problems that have lead to poor natural spawning and rearing. Over the past 15 years NOSC and our partners have been successful in identifying and completing habitat improvements to increase natural spawning success as well as watershed and estuary rearing.

Salmon Creek Approximately 3000 feet of new stream channel was constructed in 2003 on Salmon Creek. The project area riparian zone was augmented this year with planting of the new floodplain riparian zone. The initial 25' wide

riparian planting was done by JCCD and the WCC Crew from Port Angeles. NOSC provided financial support to the Salmon Creek restoration project partnering with JCCD, SRFB and WDFW. WDFW provided engineering and construction services on the project as the final construction was completed in mid-June. The concrete weir was removed and the old channel filled; it is now ready for the 2004 summer chum run to begin.

East Fork of Chimacum Creek NOSC and JCCD completed 1.75 miles of channel reconfiguration projects along the East Fork of Chimacum Creek with funds from Trout Unlimited, SRFB, NFWF and engineering contributions from JCCD. The project reconnected the stream channel to abandoned farmed wetlands, added wood, and planted 5000 trees and shrubs in riparian areas (with volunteer labor). Reed canary grass was pulled back to allow for the riparian planting over 12 acres. The riparian area includes 2 conservation easements held by the Jefferson Land Trust and 3 in Conservation Reserve Enhancement Program (CREP) contracts.

Moving fish from the old channel into the newly created channel at Salmon Creek site.

Pysht River Habitat Restoration NOSC began design and implementation of a log jam construction project in order to provide LWD to an erosion prone reach of the Pysht river. The jams will improve hiding and resting habitat for coho and Chinook as well as bank stabilization for a nearby homeonwer. NOSC received Community Salmon Fund grant from National Fish and Wildlife Foundation to build the log jams, Lower Elwha Tribe donated key pieces of wood. Volunteers have been essential to site preparation.

Riparian plantings

Volunteers from Jefferson Land Trust, 4-H, WSU, Waterwatchers, Greywolf Ranch and Trout Unlimited are valuable partners on these projects. Residents of Discovery View Assisted Living rolled "blue tubes" for use on new plants for the second year in a row. The many hours logged to East Fork Chimacum Creek, Louie Lee Creek, the Pysht River and Valley Creek in urban Port Angeles for habitat revegetation, are directly connected to the Restoration Steward's efforts at outreach, site preparation and volunteer training. NOSC also maintains 3 plant nurseries on donated land from 2 farmers and Chimacum School. NOSC is maintaining over 16 acres of riparian plantings at this time.

Monitoring

Macroinvertabrate study NOSC continued the macroinvertebrate monitoring program established in 2002 on Salmon and Chimacum Creeks to gage improvements in biological integrity pre and post restoration. Analysis of stream insect populations at each restoration site is compared to control sites on each stream. The 2002 study marks the beginning of the first long term study of macroinvertabrates in East Jefferson County streams. The project is dependent on volunteers from the community, Americorps and Chimacum School 6th Grade Science Classes for its early accomplishments. The project is supported by the WDFW Volunteer-Cooperative grant and targets ESA listed summer chum spawning habitat.

Water Quality Monitoring For the third year, NOSC funded an Americorps intern to work with JCCD's water quality monitoring program in Chimacum, Salmon, Snow and other watersheds. This work adds to the continuous 15 year data set documenting watershed conditions throughout East Jefferson County.

Vegetation Monitoring The 13 acre area on the bluff overlooking the mouth of Chimacum Creek was picked by the SRFB as a sample acquisition monitoring site. Working with the consultants' protocol, NOSC's Restoration Steward and volunteers extended the sampling across a representative set of transects throughout the protected properties in lower Chimacum Creek. The area includes over 100 acres of contiguous protected nearshore, estuary and 0.5 miles of summer chum spawning habitat. Spartina an invasive inter-tidal exotic plant was also identified and removed during this monitoring effort.

Education and Outreach

NOSC continued participation in a variety of annual festivals and events in the region including the North Olympic Land Trust Streamfest, the Port Townsend Marine Science Center Low Tide Fest, Port Townsend Farmers Market and Alternative Christmas Fair. NOSC continued involvement with 4-H after school programs, Girl Scout Service Days, and Chimacum and Port Townsend school science classes. NOSC continued its partnership with Wild Olympic Salmon coordinating the travels of FIN, the Giant Salmon and distribution of Tracking the Dragon a watershed game. A new partnership with Pacific Northwest Trails Association brought kids from Quilcene Ranger Corps and Clallam County Skill Center to work on restoration sites.

Community Outreach

NOSC representatives made presentations to the Jefferson County Marine Resource Committee, and to various nearshore community organizations such as Puget Sound Anglers, Discovery Baywatchers, WSU Cooperative Extension Waterwatchers Class and participated in Watershed planning groups in WRIA 17, 18, 19. NOSC provided technical expertise to the City of Port Townsend for its Shoreline Master Plan Advisory Group.

Assessment and Research

Ambient Monitoring The Hood Canal Coordinating Council contracted with NOSC and JCCD to complete a habitat assessment of the entire known summer chum spawning reach of Chimacum Creek. This includes 2.1 miles of stream reach and 37 reference points set using TFW ambient monitoring protocols, with GIS linked to past data sets.

Out collecting Forage Fish sand samples in Hood Canal.

Salt Creek Assessment NOSC partnered with the Lower Elwha K'lallam Tribe (LEKT) assessment team in the Salt Creek Watershed, with SRFB funds. LEKT is providing a stream crew and donating the time of a senior biologist and GIS support for this effort. The outcome in 2004 is a draft watershed assessment identifying projects for local prioritization. NOSC is working with the North Olympic Land Trust to identify conservation easements and foster increased community stewardship in the rural watershed near Joyce.

Irondale Beach Baseline In 2003-2004 NOSC staff and volunteers began data acquisition for the WDFW pre-project Baseline Assessment. The project used the Puget Sound Beach Seine Protocol to determine seasonal fish use and measured eelgrass resources and seasonal change in beach profiles. The project documented juvenile Chinook use of the inner shoreline in Port Townsend Bay and forage fish use of the site proposed for intertidal fill removal in 2004-05.

Americorps NCCC crew works with NOSC helping to manage NOSC's nursery and restoration sites.

Forage Fish Assessment NOSC staff and volunteers also continued the East Jefferson County Forage Fish Assessment with SRFB support. Since 2002, 2,060 samples have been taken of which 1,800 have been analyzed for spawn. 59 new sites for surf smelt have been identified, and 47 known surf smelt sites have been redocumented. 5 new sites for summer spawning surf smelt have been located. 27 new sites for sand lance have been identified, and 47 known sand lance sites have been redocumented. All known positive sample site locations have been delivered to WDFW for inclusion in their PHS database. NOSC sampled in Jefferson County, Kitsap County and North Mason County. NOSC volunteers and WDFW donated significant skiff time to make sampling of multiple beaches an easier task throughout the winter and spring. The project will continue to sample selected areas in summer 2004.

New restoration work completed along the east fork of Chimacum Creek.

Fish monitoring NOSC volunteers assisted Lower Elwha K'lallam Tribal staff in the installation of smolt traps on Deep Creek, East Twin, and West Twin Rivers. Spawning surveys for summer chum and coho took place with volunteers in the Chimacum watershed in cooperation with Wild Olympic Salmon, WDFW and the Point No Point Treaty Council. NOSC volunteers continued to provide extensive labor support for the WDFW Snow Creek Coho Recovery Program, a research based broodstock and RSI effort using multiple rearing and release strategies in the Discovery Bay watershed.

PROJECT EXPENDITURES: JULY 1, 2003 - JUNE 30, 2004

Project Name	RFEG Funds	Vol Hours	Vol Dollars	Other Funds	Total Spent
Office Operations	$ 12,647	23.5	$ 293.75	$ 376	$ 13316.75
Nutrient Enhancement	$ 213	22	$ 275.00		$ 488
Habitat Revegetation	$ 1,318				$ 1,318
Habitat Restoration	$ 666				$ 666
Pysht Restoration	$ 1,385	99.5	$ 1,243.75		$ 2628.75
Project Management Director	$ 21,036	88.5	$ 1,106.25	$ 18,587	$ 40729.25
Project Management Coordinator	$ 19,998	1,516.5	$ 18,956.25	$ 17,385	$ 56339.25
Macroinvertebrate Study		40	$ 500.00		$ 500.00
Chimacum Estuary		62.5	$ 781.25		$ 781.25
Spawning Surveys		522	$ 6,525.00		$ 6,525.00
Snow Creek Coho Recovery		420	$ 5,250.00		$ 5,250.00
Smolt Traps: Deep Creek, East & West Twin Rivers		56	$ 700.00		$ 700.00
West Fork Chimacum Creek		69	$ 862.50	$ 8,051	$ 8913.5
East Fork Chimacum Creek		600	$ 7,500.00	$ 174,635	$ 182135
Hatcheries		1,328.5	$ 16,606.25	$ 3,145	$ 19751.25
Forage Fish		209	$ 2,612.50	$ 30,272	$ 32884.5
Irondale Beach Baseline Assessment		4	$ 50.00	$ 930	$ 980
Salt Creek Habitat Assessment				$ 33,880	$ 33880.00
TOTAL	$ 57,263	5061	$ 63262.50	$ 287261	$ 407786.50

Habitat Revegetation volunteer hours are included in specific restoration sites listed above.

REGION 8 – PACIFIC COAST SALMON COALITION

MISSION STATEMENT

The Pacific Coast Salmon Coalition is a regional fisheries enhancement group actively involved in local volunteer-based habitat restoration to achieve a healthy salmonid resource within our region.

VISION STATEMENT

We envision a restored environment that maintains a healthy self-sustaining salmonid population.
We envision having a salmonid resource we can utilize and enjoy far into the future.
We see a local community that not only utilizes the resource but one that takes responsibility and is actively involved in the well being of that resource.
We envision a strong working relationship with all relevant entities that have a vested interest in salmonid habitat restoration.

RFEG OVERVIEW

The coverage area for the Pacific Coast Salmon Coalition (PCSC) includes the western portion of the Olympic Peninsula north of the Chehalis River drainage and south of Cape Flattery. This region covers parts of three counties: Clallam, Jefferson, and Grays Harbor. There are several significant rivers in this region including the Sol Duc, Calawah, Dickey and Bogachiel - Quillayute River complex, the Hoh River, the Queets River and the Quinault River. These rivers are glacial fed and have short, but steep drops to ocean. High levels of precipitation characterize the region and streams with cold water, high average flows, and relatively long duration peak flows, including a second peak later in the year from snow melt.
Much of this area is within the Olympic National Park and Olympic National Forest, the state Experimental Forest, or one of several Native American reservations. The majority of the land base in the river drainage is in timber production. The remaining land base is primarily a mixture of national park and Native American reservation.

One of the primary challenges for PCSC is obtaining volunteers in a very large area with a very low population density. The challenges for the volunteers are to blend the needs of salmon with the area's economic dependence on logging and fishing and because so much of the region is in public lands their efforts must be coordinated with various state, federal, and tribal land managers. However, because of this unique circumstance several beneficial partnerships have formed. To date, the Pacific Coast Salmon Coalition has formed partnerships with the Quillayute tribe, the Hoh tribe, the Makah tribe, Quinault tribe, USDA Forest Service, National Park service, WDF&W, DNR, Forks School system, Rayonier, Green Crow, Blodell, the City of Forks and numerous small private landowners.

The "Heavy Hitters" helping catch fish for nutrient enhancement at Sol Duc Hatchery.

PROJECT HIGHLIGHTS

The Pacific Coast Salmon Coalition, the Bogachiel Salmon Hatchery and the Sol Duc River Salmon Hatchery are working together to enhance the food chain for salmon in the **Quillayute Nutrient Enhancement project.** The Sol Duc, Bogachiel, Calawah, and Dickey rivers were enhanced with over 31,000 surplus salmon carcasses dispersed by volunteers using their own vehicles in almost 900 hours of volunteer service. Hatchery personnel gather and spawn the necessary fish for next years run. Several thousand food-quality salmon are collected for the local areas food banks, senior centers and tribal centers. The remaining salmon, nearing the spawning stage, are too old for the area food banks. These salmon are collected and their tails are removed for identification as hatchery fish. Volunteers work with the hatchery employees to place these fish into the river systems. As these fish decay, they release nutrients that make there way up the food chain. Aquatic insects such as caddis flies, stoneflies, and midges, feed on these Coho salmon carcasses. The aquatic insects are an important part of a Coho fry's diet. Salmon have five life stages; eggs, fry, smolt, adult and carcasses. So here we have the fifth stage helping to improve the second stage. As we put these carcasses in streams they deposit marine derived (Pacific Ocean) nitrogen, carbon, and phosphorous. Juvenile Coho, steelhead, and cutthroat in small western Washington streams obtain 25% to 40% of these elements from Coho salmon carcasses. Besides feeding on aquatic insects, Coho fry have been seen feeding directly on the carcasses. Salmon are called a "keystone" species. They have a positive impact on 138 species of wildlife in Washington and Oregon. WDFW, Rayonier USDA Forest Service Olympic Region, and DNR are important partners in this project.

The **Darrow Marsh** project was a cooperative effort between PCSC, the SSHEAR branch of WDFW, and Rayonier, the landowner. The project augmented an existing pond on a tributary to the Dickey River by placing controls at the outlet and then constructed bed load controls and a roughened channel that would allow access to the pond for the purpose of off-channel over wintering, primarily of juvenile salmonids.

The **Borde Pond Project** is an ongoing RSI project. The intent of the project is to augment the existing Coho run in Mill creek. Borde pond is an ongoing supplementation project being done in partnership with a private landowner (Phil and Bev Borde) and WDFW.

The **FMS Water Quality project** (Forks Middle School) is a wonderful project that gets kids interested in salmon and educates them not only in the classroom, but out of it as well. This project provides funds for water quality education, how to do water quality testing, which they do, and why water quality is important to salmon, which they learn. The Forks Middle School has taken the ball and run with this outreach, education and monitoring program.

The monitoring and maintenance crew hiking in to a monitoring site.

The **Hoh Humm Project** is a multi-phase project. This year we primarily focused on planting and a small portion of exclusionary fencing. Another portion of the project this year was to cable in trees that were in danger of falling and washing down river. The trees were cabled so that when the river under cuts them they are incorporated into a woody debris complex that provides cover and protects the bank. The partners in the project were WDFW, Department of Corrections and the landowners (Bob and Mary Huelsdonk) who provided the expertise, tools and some of the machinery.

The **N.F. Calawah** LWD project is also a multi-phase project. The project is a cooperative effort with USDA Forest Service Olympic Region and involves the placement of LWD within the stream channel of the N.F. Calawah River. The N.F. project seeks to place woody debris in a specific section of river that has been monitored for a number of years and is known to have a significant number of spawning salmon. The areas the engineered logjams are being placed in lack the complexity and gravels that are created by the added woody materials. The ultimate goal of this project is to increase the wood within the channel, increase the successful spawning of salmonids, increase channel complexity and decrease bank erosion.
The **Administrative** and **Executive Director** projects are, unfortunately, some of the least glamorous of the projects P.C.S.C. has. However, without these projects none of the other "dirt turning" jobs could be accomplished. It is these vital funds that all other things depend on.

The **Monitoring and Maintenance** project involves the recently acquired responsibility of monitoring and maintaining over forty previously constructed WDF&W restoration sites. Due to WDF&W dwindling involvement in the area we were asked to step in and assist with the upkeep of these constructed sites, which we have done and will continue to do. The sites are a mix of various different restoration activities including fish ways, log and rock weirs, and roughened channels. Primarily we will ensure the sites are functioning properly, allowing access, fish ways are clear of debris, beaver dams are fish-passable and that ponds have proper cover where needed.

The **Sol Duc Fencing** project provided an exclusionary fence on a section of the ponds at Sol Duc. The primary purpose of this project was to keep the pond free of predators and provide some security. Gravel was also added at Bogachiel to reduce the stress on equipment such as nets that are costly to replace.

Volunteers planting trees out on the Hoh River.

PROJECT EXPENDITURES: JULY 1, 2003 - JUNE 30, 2004

Project Name	RFEG Funds	Vol. Hours	Vol. Dollars	Other Funds	Total Spent
Quillayute R. N.E.	$ 5,731	744	$ 9,300		$ 15,031
Darrow Marsh	$ 2,194			$ 27,539	$ 29,733
Borde Pond RSI		77	$ 962		$ 962
FMS Water Quality	$ 282		$ 863	$ 1,145	
Hoh Humm	$ 3,892	22	$ 275	$ 2,821	$ 6,988
N.F. Calawah LWD	$ 9,156		$ 17,895	$ 27,051	
Admin. Cost	$ 13,952	1005	$ 12,563		$ 26,515
Executive Dir. 04	$ 46,533				$ 46,533
Sol Duc Fencing	$ 2,116	20	$ 250	$ 2,895	$ 5,261
Monitoring and Maint.	$ 1,160	76	$ 950		$ 2,110
Engineering	$ 4,969			$ 1,656	$ 6,625

REGION 8 – PACIFIC COAST SALMON COALITION

BOARD OF DIRECTORS

Wayne Haag	President	Retired Centurytel
Don Nordstrom	Vice President	WSDOT
Terry Sullivan	Treasurer	Retired Teacher
Steve Allison	Secretary	Biologist
Phil Borde	Board Member	Retired Teacher
Ron Shearer	Board Member	Retired Centurytel
Ron Thompson	Board Member	Retired Teacher

STAFF

Carl Chastain Executive Director

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REGION 9 – CHEHALIS BASIN FISHERIES TASK FORCE

MISSION STATEMENT:

The Chehalis Basin Fisheries Task Force is dedicated to producing salmon for sport and commercial fisheries; enhancing Steelhead and sea run Cutthroat trout resources; and restoring, enhancing and protecting stream habitat critical to these anadromous species.

RFEG OVERVIEW:

The Chehalis Basin Fisheries Task Force is a non-profit organization dedicated to increasing populations of salmon, Steelhead, and searun Cutthroat trout by and for the citizens and the communities in the Chehalis River Basin.

Operations are governed by a twenty member (maximum) Board of Directors. Core staff consists of one area coordinator, one office manager, and one bookkeeper. The volume of work accomplished by the CBFTF could never be accomplished by the small paid staff. This provides the volunteers opportunity to be active in the numerous fish enhancement projects. The main focus of the Task Force involves functioning as a funding organization, coordinating technical resources, providing public education and assisting with permitting processes. The Task Force grants funding to projects that assist in the accomplishment of Task Force enhancement goals and promote its mission. Another function provided by the Task Force is that of technical assistance. Project participants can receive support in coordinating with government agencies, project design, permit acquisition, stock selection, coordinated facility operation equipment, and volunteer management, among private citizens, other volunteer organizations and local governments.

The area served by the Chehalis Basin Fisheries Task Force encompasses the entire Chehalis River watershed; the second largest river system in the state of Washington. This basin includes 90% of Grays Harbor, 30% of Mason, 55% of Thurston, 50% of Lewis, and small parts of Pacific, Jefferson, Cowlitz, and Wahkiakum Counties; encompassing 1,694,951 acres. This region consists of two major and a number of minor, independent drainages and 1,391 rivers and streams containing 3,353 linear stream miles. The Hoquiam and Humptulips Rivers, plus several smaller systems, enter Grays Harbor from the north; the Chehalis River from the east; and the Johns and Elks Rivers, along with a number of smaller drainages, from the south.

PROJECT HIGHLIGHTS: (THE FOLLOWING PROJECTS RUN ON A CALENDAR YEAR)

Carlisle Project

As part of an outreach program, the Carlisle project has partnered with local schools and educational programs. The Carlisle facility has two sites being used by the Onalaska High School Future Farmers of America Aquaculture Program, providing field and class study and hands on experience. Students learn proper sanitation methods, genetics, temperature unit measurements, picking of eggs and daily upkeep of incubation techniques, water quality monitoring, water sampling techniques in temp, ph, and fecal coliform, and boating safety. This program hatches winter-run steelhead, chum, trout, and coho. The students raise coho in Carlisle Lake, wand adult returns for coded wire tags, and plant carcasses in area streams for nutrient enhancement. Because this partnership has been so successful, the FFA Aquaculture course has attained college credit status with Grays Harbor Community College.

The Carlisle Environmental Educational Project has supported a number of activities and independent studies. Project participants designed and built the onsite school aquaculture study lab, hatchery and observation tanks with the capacity to raise 100,000 smolts. Fish net pens were added at Carlisle Lake to expose students to an actual working environment and business atmosphere. Each year, students raise 100,000 coho salmon in Carlisle Lake, which are fed 3 times a week by hand and by solar powered feeders. The fish are monitored for weight gain to determine the amount of feed needed and to determine release times. Student volunteers play a large part in the success of the project contributing over 800 man-hours a year. Total volunteer hours for the calendar year were 1337.

Lantz Creek

During the first early rain in October of 2003, the existing Lantz Creek county road culvert failed and totally collapsed. Additional rains would have most likely destroyed the road and could have damaged the Aberdeen water main; therefore, the fish barrier culvert correction was scheduled for the fall of 2003. This project addressed two barrier culverts within a ¾ mile section, which opened up two miles of stream. The first culver is located on the Wishkah County Road two miles beyond the Wishkah School. The second is on private land downstream near the mainstem Wishkah River.

The culverts were ordered and delivered without delay. Local shop owner, Oakie Thompson, allowed the culverts to be unloaded at his shop and volunteered the services of his equipment to facilitate the transfer. The project coordinator, Lonnie Crumley, of LWC Consulting, met with the two neighboring landowners and worked out an agreement to use their property for a bypass for the county road while construction was in process. This required the property put back to original condition after the culverts were laid. Both landowners, Joe Pekola and Kermit Lantz were extremely supportive and worked very cooperatively throughout the process. Without Mr. Thompson's assistance and the cooperativeness of the neighboring landowners this project could not have been done.

Starting September 24th equipment to begin the project was moved in and assembly was started simultaneously to lay the county road culvert, and the culvert on the private landowner's property. By that evening, a 7 foot round culvert on the private landowner's property was put in place, with the necessary stream work to be done finished the next day. To reduce impacts to the logging, gravel hauling and school bus activity on the county road, laying a 78 foot long (8 gauge, multi-plate steel, weighing 16,000 lbs.) culvert on the county road was scheduled to start on Friday, September 26th. On the morning of the 27th installation was finished. The following Monday the project team completed stream treatments, cleaned the area, added erosion controls and started moving equipment out.

Both culvert installations went very well and are passing water. Before the culvert replacements, Lantz Creek supported limited coho salmon and cutthroat trout. With the barriers removed, chum salmon can use the lower portion of this stream and coho salmon can also have access to expanded habitat in greater numbers. The entire length will provide off-channel rearing habitat for multiple salmonid species.

Long Live the Kings

Since site operations began in 1986, Long Live the Kings has raised several million chinook, coho, chum, and until recent years, steelhead were also raised at the facility. In an effort known as broodstocking, thousands of volunteer man-hours are used to capture returning wild chinook. The eggs are incubated and reared in a small hatchery near the new rearing pond. Fry are released and fed in the rearing pond through the winter; and smolts are released from the new pond in the spring.

Drawing from Hatchery Scientific Review Group recommendation, in 2003 the LLTK project began making an effort to spawn a good proportion of runs that include wild fish, and not just fish returning to the hatchery. This year with coho, the LLTK project was able to spawn 38% from wild stocks (unclipped fish), exceeding the new HSRG recommendation by 18%! Currently, chum and king salmon are not marked anywhere in the Basin; however, the recommendation from the HSRG is to mark reared fish, so that in future years projects will be able to tell the difference in their selections for spawning, and draw from a wider selection. Due to the success of this project chinook and coho returns are increasing annually.

Adult runs were good this year for chum and coho; however, the kings got hit hard when the City of Aberdeen accidentally spilled about 15 feet of surface water on the broodstockers, who were capturing the fish from the city dam. The project and the City of Aberdeen are working together to avoid this problem in the future. This year the project took 300,000 coho eggs, 200,000 chum eggs, and 70,000 king salmon eggs.

Long Live the Kings is an exemplary project and an invaluable educational asset. Hundreds of students have had the opportunity to tour the site and its facilities. Recently, there has been a resurgence of interest in fisheries from the Future Farmers of America classes from local high schools. High School FFA students come to the hatchery to learn how to perform water sampling and how to spawn fish. The kids get hands on experience, learning how to tell if a fish is ripe, how to strip the fish for eggs, milk them, and put them down.

Total volunteer hours for the 2003 calendar year were 1027.

Satsop Springs
The 2003 releases of approximately 300,000 of zero age chinook smolt went as planned. The fall broodstocking effort has been held back by cold temperatures and heavy rains. In October, the Satsop Springs facility was flooded, allowing the fish to mix together. Because of this, volunteers had to come in and separate the chinook from the coho. The fish runs this year have shown to be plentiful. Despite the weather limitations, the project captured enough adults for the permitted 360,000 egg take.

The project released 450,000 of coho smolt in April of 2003 with no major disease or other problems. Currently the Satsop Springs facility has 430,000 coho fingerlings on hand to be released in the spring of 2004. Adult coho returns on the Satsop went as predicated this fall, and enough chum adults will be captured for a 120,000 egg take.

In preservation, the juvenile passage was maintained to allow for fry access to 3 acres of additional overwintering ponds. Nearly 8 acres of overwintering habitat is available at the Satsop Springs to wild salmonid use during times of high flows.

Total volunteer hours for the 2003 calendar year were 1229.

Satsop Steelhead Broodstocking Effort
The Satsop Steelhead Broodstocking Effort held broodstocking classes, with the attendance of 85 people. 65 of the 85 stayed on to volunteer for the project, in all totaling 240 angler trips. Over a three-month period, 3,192 man- hours were donated to the broodstocking project. 49 males and 54 females were captured, with the total egg take for the project coming to 162,000.

PROJECT EXPENDITURES: JULY 1, 2003 – JUNE 30, 2004

Project Name	RFEG Funds	Vol Hours	Vol Dollars	Other Funds	Total Spent
Administration	$ 21,421	1462	$ 21,930.00	$ 5,888.00	$ 49,239.00
Carlisle Project	$ 0.00	1337	$ 20,055.00	$ 3,282.00	$ 23,337.00
EDT	$ 0.00	0	$ 0.00	$ 52,268.00	$ 52,268.00
Hoquiam Coho Rearing	$ 0.00	17	$ 255.00	$ 0.00	$ 255.00
Kennemer Creek	$ 0.00	0	$ 0.00	$ 88,610.00	$ 88,610.00
Lantz Creek	$ 0.00	0	$ 0.00	$ 92,633.00	$ 92,633.00
Long Live the Kings	$ 0.00	1027	$ 15,405.00	$ 18,640.00	$ 34,045.00
Mooney Creek	$ 0.00	0	$ 0.00	$228,899.00	$ 228,899.00
Satsop Springs ALEA	$ 0.00	0	$ 0.00	$ 13,416.00	$ 13,416.00
Satsop Springs	$ 0.00	1229	$ 18,435.00	$ 36,620.00	$ 55,055.00
Satsop Steelhead Broodstocking	$ 0.00	3192	$ 47,880.00	$ 2,494.00	$ 50,374.00
Singer Creek	$ 0.00	0	$ 0.00	$ 18,017.00	$ 18,017.00
Spalding Creek	$ 0.00	0	$ 0.00	$ 73,974.00	$ 73,974.00
Steelhead Creek	$ 0.00	0	$ 0.00	$ 42,617.00	$ 42,617.00
Unnamed Creek	$ 0.00	0	$ 0.00	$ 23,966.00	$ 23,966.00
Totals	**$21,421.00**	**8,264**	**$123,960.00**	**$701,324.00**	**$ 631,585.00**

REGION 9 – CHEHALIS BASIN FISHERIES TASK FORCE

BOARD OF DIRECTORS

Upper Basin Representatives

- Chanele Holbrook, Heernet Environmental Foundation, CBFTF Fist Vice President
- Michael Munsell, Friends of the Chehalis, CBFTF Secretary/Treasurer
- Ronn Schuttie, Carlisle Environmental Education
  - David Rutherford, Carlisle Environmental Education (Alternate)
- Kathy Whalen, Thurston Conservation
  - Mike Kuttel, Jr., Thurston Conservation (Alternate)
- Rod Kause, TransAlta Centralia Mining, LLC
  - Dennis Morr, TransAlta Centralia Mining (Alternate)

Middle Basin Representatives

- Bob Balcombe, Independent
- Max Durward, Elma Game Club
  - Herman Ohlde, Elma Game Club (Alternate)
- Frank Jongenburger, Weyerhaeuser
  - Steve Barnowe-Meyer, Weyerhaeuser (Alternate)
- Dave Hamilton, Independent, CBFTF President

Lower Basin Representatives

- Terry Baltzell, Long Live the Kings, CBFTF At Large
- Allan Hollingsworth, Grays Harbor Gillnetters
- Lloyd Case, Independent
- Doug Fricke, Boat Seafoods
  - Dick Good Boat Seafoods (Alternate)
- Joe Durham, Grays Harbor Trout Unlimited, CBFTF Second Vice President
- Commissioner Stan Pinnick, Port of Grays Harbor
  - Ken Rausch, Port of Grays Harbor (Alternate

STAFF MEMBERS

Linda Anderson, Bookkeeper/Accountant
Lonnie Crumley, Project Coordinator
Jim Dunn, Satsop Springs Facility Worker
Ellie McMillan, Administrative Director

CONTACT INFORMATION

Chehalis Basin Fisheries Task Force
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REGION 10 – WILLAPA BAY FISHERIES ENHANCEMENT GROUP

ORGANIZATION HIGHLIGHTS:

Strategic Salmon Recovery Plan was updated to meet the Salmon Recovery Funding Board Guidelines. The plan outlines priorities for all the streams and rivers in WRIA 24. This allows us to select streams from our strategic plan for restoration. Currently we have over 100 prioritized projects that are ready for funding. The plan also documents our approach to salmon recovery which includes: The three elements necessary for restoration: Habitat restoration, fish enhancement, and nutrient enhancement.

In-stream Projects: We completed the restoration of three streams: Salmon Creek, North Stream, and Quarry Creek.

Passage Projects: Completed the design for Oxbow Creek, this project will open over 4 miles of blocked stream of habitat spawning and rearing. Two salmon blockages will be replaced, and over a mile of stream will be restored for spawning and rearing.

Nutrient Enhancement: Continued our on-going program of stream nutrient enhancement. We placed over 5,000 salmon carcasses in streams.

Fish Enhancement: Continued our fish enhancement program, we placed and/or released over 800,000 salmon into 23 streams and estuaries in WRIA 24.

Assessments: We completed 7 habitat assessments on streams which we used to up-date our Strategic Plan for possible funding.

Grant Requests: We completed 6 requests for funding for projects identified in our Strategic Plan.

Monitoring: We continued the monitoring of our completed habitat projects. We monitor our completed projects for 3 years after completion.

PROJECT EXPENDITURES

RFEG Funds: $90,870

Volunteer Hrs: $1,269

Volunteer Dollars: $67,638 (majority skilled labor, BASED UPON ESD, Standard rate)

Other Funds: $438,354

All projects: $529,274

REGION 10 – WILLAPA BAY FISHERIES ENHANCEMENT GROUP

ABOUT WILLAPA BAY RFEG:

Willapa Bay RFEG was started in 1985, became one of the 14 RFEG's in 1991.

BOARD OF DIRECTORS:

Mark Ashley, President founded organization 1985, Commercial Fisherman

Ron Craig, Vice-President/Manager, Retired Senior Engineering Manager, Boeing Aerospace Co.

David Lewis, Treasurer. Business Owner and Electrical Engineer, sports Fisherman.

Jewel Hardy, Secretary. Banking

Bob Lake, Member; small Business owner commercial fisherman

Bruce Orgen, Member, small business owner commercial fisherman.

Logs placed in Salmon Creek

Equipment Placing Logs into Salmon Creek

Positionings Logs in Salmon Creek

Placing Logs into position: Salmon Creek

BUSINESS PLAN:

WBFEG operates as a volunteer based organization. We work out of our managers' home with a very small overhead. We have volunteers who accomplish our fish plantings and nutrient enhancement program. We have a list of pre-qualified consultants who do our design for the stream enhancement programs, assessments, and monitoring. We select from our qualified list of contractors to accomplish all our habitat projects.

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REGION 11 – LOWER COLUMBIA FISHERIES ENHANCEMENT GROUP

MISSION STATEMENT

To protect, restore and enhance the regions salmon populations.

PROGRAM SUMMARY

The lower Columbia River region covers all or parts of Skamania, Clark, Cowlitz, Lewis, Wahkiakum, and Pacific Counties. Our region covers WRIA's 25 through 28, extending from Bonneville Dam down the Columbia River to the Pacific ocean. The major tributaries are the Cowlitz and Lewis River watersheds, both of which have extensive hydroelectric development. The Washougal, Kalama, Toutle, Grays and Elochoman River watersheds round out the remainder of our primary salmon producing watersheds.

Because each of these watersheds contains at least one salmon hatchery, the Lower Columbia RFEG is focusing on projects that benefit wild salmon production. The fish habitat in the region has been severely degraded by urban/ industrial development, timber harvest, road building, diking and drainage, railroads, and a host of other activities. We are working closely with WDFW's habitat and fish program managers, USFS biologists, USGS scientists, local governments, private landowners, conservation districts and the Lead Entity (LE) to identify and implement priority habitat restoration projects.

In 2003/ 04, LCFEG spent considerable time developing a new vision for our organization that would allow us to grow our capacity to become the region's primary habitat restoration organization. This was made possible by a grant we received from Salmon Recovery Funding Board and the National Fish and Wildlife Foundation in 2002. Part of this vision includes a reduction in permit constraints imposed by Federal agencies tasked with protecting salmon stocks listed on the endangered species list. Our region contains the greatest number of listed species in the State and our ability to enhance and restore salmon habitat has become greatly reduced by permitting costs and time. To this end we have begun consultation with the services that will result in our receiving a Federal 10A1a permit from NOAA Fisheries in 2005 that is valid for five years and covers all of our activities throughout the region.

In addition to reducing the constraints that inhibit salmon habitat restoration, LCFEG recognized the need to promote our organization at the regional level and therefore hired a new employee to manage our outreach and education efforts. LCFEG also obtained new office space for our employees at the Columbia Springs Environmental Education Center (formerly known as the Vancouver trout hatchery). This facility offers us an exciting opportunity to network with a wide variety of key stakeholders while also providing outreach to over 4,000 students each year as they tour the hatchery facility.

UP COMING 2004 (NEW) PROJECTS

- Cowlitz River Interpretive Trail
- Baz Road Fish Passage
- Little Washougal River off-channel rearing and LWD project
- Wildboy Creek LWD project
- RAC funded nutrient assessment (Cont.)
- Plant Materials project
- Salmon Creek Fish Passage
- Grays River groundwater assessment
- Culvert Inventory (Cont.)
- Larson Creek fish ladder
- SRFB Lower Washougal River restoration

PROJECT HIGHLIGHTS

USGS NUTRIENT ASSESSMENT- WIND and LEWIS RIVER WATERSHEDS

This project is funded by the South Gifford Pinchot Resource Advisory Committee with local funds provided by LCFEG and Fish First. The project is being implemented by the U.S. Geological Survey under the supervision of Dr. Matthew Mesa. This phase of the project gathered low-level nutrient data necessary for determining where and how many carcass analogs to place. LCFEG has an on-going Contributed Funds Agreement with USGS that ensures all contributed funds are spent on the project, saving us the burden of paying their normal 48% over-head charges. A large portion of our funds spent on this project will be returned to us at project completion.

NUTRIENT ENHANCEMENT

Washougal, Elochoman, Cowlitz, Toutle and Lewis River watersheds-
This project provides the best bang for the buck by providing volunteers a fun, hands-on experience in the late Fall to early Winter time frame when not much else is happening. This project allows us to educate the school kids and adults who help us place the salmon carcasses on why its important to fish. They also get to see parts of the watershed usually locked behind gates or off the beaten path. Because this project takes several months to complete each year, the volunteers usually get to see the results of the previous weeks' carcass placement. A variety of birds, insects and land mammals feast on the free food source, not to mention the juvenile salmonids! LCFEG placed over 18,000 in Washougal River last year and our affiliates placed many more thousands in streams throughout the region.

SCHOOLHOUSE CREEK

This project is actually a series of independent restoration activities on a small, low gradient tributary of the Washougal River. The project is centered around the 100 acres owned by the Washougal School District through which several small streams, springs and wetlands transit the property. Project partners for the 2003/ 04 phase include NFWF, Trout Unlimited, Clark-Skamania Fly Fishers, SW WA Anglers, Skamania County and Washougal School District.

Highlights for this phase of the project included the beginning of an interpretive trail system that will allow students and residents the opportunity to explore the creek and view spawning salmon. In addition, rearing and spawning habitat was improved for coho salmon.

CULVERT INVENTORY

This SRFB funded project is a partnership between LCFEG, LCFRB, WDFW and the local conservation districts. LCFEG wrote the grant, provided cost-share and will provide labor. Clark Conservation District is now the primary sponsor of the project due to the staffing requirements required to implement the project. The intent of the project is to deliver to the Lead Entity a prioritized list of fish passage barriers in the region. Completion of this first phase of the project is expected in 2005. A WDFW Co-Op grant helped pay for the purchase of equipment for the inventory work.

LARSON CREEK FISH PASSAGE

The Larson Creek fish passage project is a partnership between LCFEG, Clark County, NFWF, SRFB and several private landowners. The project opened access to a series of productive beaver ponds and over one mile of stream channel. Adult steelhead and coho were observed spawning above the new culvert within two months of project completion.

LITTLE WASHOUGAL LWD COLLECTOR

The Little Washougal River LWD collector constructed last year was designed to reduce severe bank erosion AND provide habitat to multiple salmonid species.

The project was designed by LCFEG members and funded by the landowner. The project has been a great success and resulted in numerous juvenile and adult salmonids inhabiting the structure. This design is now being incorporated into other projects elsewhere in the region.

DOC CREW

LCFEG has developed a partnership with the WA DNR's Larch Mountain Correctional Facility that utilizes inmate labor two days per week or 125 man-hours of labor. The crew helps provide the labor to prepare and/ or finish project sites. Their duties include placing salmon carcasses, removing non-native vegetation, planting trees, building fences and constructing in-stream habitat improvements. LCFEG found a dedicated volunteer, Vance Luff, to provide direction to this crew and we hope to make this a full-time position.

PROJECT EXPENDITURES: JULY 1, 2003 - JUNE 30, 2004

Project Name	RFEG Funds	Volunteer Hours	DOC Crew Hours	Other Funds	NFWF/ SRFB Funds
Larson Creek (SRFB)	$12,918.00	102	625	$80,000.00	$ 2,398.00
Schoolhouse Cr./ Trail	$ 7,580.00	304	625	$ 6,663.00	$ 1,689.00
Nutrient Assessment (RAC)	$33,025.00	32		$60,000.00	$ 1,244.00
Culvert Inventory (SRFB)	$ 0.00	22		$13,362.00	$ 316.00
Lower Washougal passage	$ 539.00	10			$ 525.00
Elochoman side channel	$ 1,659.00	40			$ 822.00
Ostenson rearing pond	$ 2,974.00	120		$ 7,339.00	$ 375.00
Little Washougal LWD	$ 5,735.00	180	1,250	$32,300.00	$ 1,186.00
Project Design/ Equip.	$ 4,842.00	165	250		
Nutrient Enhancement	$ 4,930.00	130	500		$ 1,398.00
RFEG Administration	$ 1889.00				$ 3,076.00
Education and Outreach	$ 224.00	158			$ 1,000.00
Plant Materials	$ 0.00		500		$ 1,212.00
Monitoring/ permits	$ 3,950.00	94			$ 2,212.00
LCFEG staff	$19,000.00	120			$ 9,000.00
DNR Crew Equip./ Hours	$ 3,479.00		3,750		$ 6,741.00
Grant Writing	$ 5,244.00	202			$ 2,100.00
TOTAL DOLLARS SPENT	**$107,988.00**	**25,185.00**	**56,250.00**	**$199,664.00**	**$35,294.00**

**DOC Crew Hours includes transportation, supervisor and project manager (volunteer), 1 full day is equivalent to 62.5 man-hours of labor. All volunteer and crew time is valued at $15.00 per hour.*

GROUP BOARD OF DIRECTORS

Harry Barber, President, *retired paper mill manager*
Hal Mahnke, Vice-President, *retired police captain*
Sam Giese, engineer, *citizen-at-large*
Richard Kennon, *retired fire department*
Irene Martin, minister and author, *commercial fisher*
Tammy Mackey, Secretary, *fish biologist*
Jon Rerecich, *fish biologist*
Ed McMillan, *engineer*
Sheila North, *ecologist*

Tony Meyer, Program Coordinator
Donna Hale, WDFW watershed steward
Gary Wade, Lead Entity liaison

Lower Columbia Fish Enhancement Group
12404 SE Evergreen Highway
Vancouver, WA 98683
Tel: (360) 817-9044 Tony or (360) 601-1462 Sheila
Website: www.lcfeg.org

REGION 12 – MID COLUMBIA FISHERIES ENHANCEMENT GROUP

MISSION STATEMENT:

The Mid-Columbia Fisheries Enhancement Group's (MCFEG) mission is to restore self-sustaining salmonid populations through habitat preservation, enhancement and education projects which assist landowners and promote community partnerships in the mid-Columbia region.

MCFEG OVERVIEW:

MCFEG has one of the largest regions in the state RFEG program. The region 12 area covers not only the middle Columbia River but the entire Yakima River watershed along with the Klickitat, Big and Little White Salmon and Wind River watersheds. MCFEG's success depends on the strength of our partnerships and effective project management by sponsors. Yakama Nation Fisheries Program biologists and restoration specialists have provided numerous hours of in-kind technical assistance on a number of MCFEG projects spanning from Ellensburg to Klickitat, WA.

MCFEG awarded funding assistance to three new projects this year, Lower Taneum Creek Restoration Phase II, Hanson Ponds Re-vegetation and Snow Mountain Ranch Acquisition and Restoration. MCFEG also set up a generic project account for project engineering, design and development costs and we were able to provide funding quickly to project sponsors in need of an appraisal or engineering plan.

Liz Kinne was on contract with MCFEG from 2001 through the end of the reporting period. During this time, Ms. Kinne authored and co-authored 14 grant proposals, of which, four have been awarded to MCFEG and nine are still pending. This has allowed MCFEG to leverage $66,000 towards projects. In the town of Klickitat, landowner and volunteer support has increased dramatically since the creation and implementation of two volunteer and education programs, Stream Stewards and Students for Salmon.

PROJECT HIGHLIGHTS:

Snyder Creek Restoration

Project Description: Snyder Creek, a major tributary to the Klickitat River, is located 15 miles north of Lyle, WA, along Hwy 142, near the town of Klickitat, WA. In 1927, the Champion International Mill constructed its operation directly over Snyder Creek. The stream bed was converted to a concrete sluiceway so the water from the creek would flow under the mill buildings. The cement sluiceway still exists but the mill shut down over twelve years ago. Native steelhead trout have historically utilized Snyder Creek for spawning and rearing (Haring, 2001) but have not been able to access the upper watershed due to the blockages constructed for the mill operation.

Four miles of high quality habitat exist above the abandoned mill. Yakama Nation fish biologists and Washington Department of Fish and Wildlife made restoration of Snyder Creek a "top priority". The WRIA 30 Limiting Habitat Factors deems fish passage a key limiting habitat factor for Snyder Creek.

Construction of the Snyder Creek project began in July 2003, as a partnership between MCFEG, WDFW, and the Yakama Nation. The check dam at the head of the concrete flume (which created the mill pond) was removed and the area was re-channelized and spawning gravels were added. Two culverts upstream

of the old mill pond were removed and bridges installed. Downstream of the old mill pond, a series of more than 100 concrete and log weirs were installed in various places restore passage. This work will be completed in November of 2004.

In November 2003, over 40 community volunteers participated in the initial stages of planting native vegetation in the old mill pond area as part of MCFEG's *Stream Stewards and Students for Salmon* programs. MCFEG plans on holding annual volunteer work parties until native vegetation is successfully established in the old mill pond area and along other suitable sites in the project area. MCFEG was awarded a $12,500 FishAmerica Foundation grant toward this endeavor for 2004.

Project Partners: The Yakama Nation Fisheries Program contributed $98,000 of their BPA funding toward the project. MCFEG contributed $80,000 of a National Fish and Wildlife Foundation grant toward the removal of the culverts and bridge instillation. The Salmon Recovery Funding Board awarded the project $400,000 which paid for the concrete and log weir construction and removal and re-channelization of the old mill pond area. The Washington Department of Fish and Wildlife managed and engineered the project along with contributing over $200,000 in the final construction costs. Klickitat County also contributed toward initial clean-up phases of the project since the lower portion of the mill site is under their ownership.

Snyder Creek's new channel (old mill pond area) Stream Stewards volunteer re-vegetation work party 11/04

Education and Outreach-Stream Stewards and Students for Salmon

Project Description: Education is a part of MCFEG's mission to return salmon to our streams and rivers. Our educational programs are designed to increase the public's awareness of the crucial interdependence between clean water, a healthy watershed, good salmon habitat, and self-sustaining salmon runs for the future of our communities. MCFEG piloted its volunteer programs in the town of Klickitat, WA in the fall of 2003.

The Stream Stewards program involves citizens throughout the mid-Columbia region in identifying, developing and implementing restoration projects taking place in local watersheds. Stream Stewards also receive background training and information from local science experts through presentations and field-based activities. MCFEG held six meetings and two on-the-ground projects with local volunteers and scientists, with over seventy people attending and participating.

The Students for Salmon program teaches elementary students required state science concepts based on four classroom lessons on watersheds, salmon, habitat and restoration/stewardship. A day was devoted to field activities surrounding the Snyder Creek restoration project where students learned how to collect and interpret water quality data, perform macro-invertebrate studies and plant native vegetation. Klickitat elementary students worked with the local the *Stream Stewards* volunteer program in Snyder Creek's re-

vegetation project. MCFEG taught 45 students with the classroom and field-based activities. An evening event was also held in Klickitat where students taught their families, friends and neighbor's knowledge they had gained throughout the program. Over 65 people attended this event entitled the Salmon Showcase.

Project Partners: U.S. Fish and Wildlife Service, Klickitat School District, Klickitat Citizens Council.


Students for Salmon 2004 (macro invertebrate studies on Snyder Creek)

Lower Taneum Creek Restoration Phase II
Project Description: Taneum Creek is the largest intact tributary stream in this reach of the Yakima River and is one of the few Upper Yakima tributary streams accessible to anadromous fish (most tributaries are blocked by irrigation diversion dams and/or dewatered reaches). Historically, Taneum Creek supported anadromous spring chinook, coho and steelhead and presumably resident and fluvial bull trout (Bain, 2000). Spring chinook and steelhead runs still exist in Taneum Creek. Bull trout may use Taneum Creek but have not been observed in recent years.

Fish habitat and channel stability in lower Taneum Creek has been damaged by many years of intensive livestock grazing and channel realignment work. At present much of the shoreline is lacking in woody plants and there are areas of bank erosion and channel instability. No deep pools and little large woody debris exist to provide cover for fish. MCFEG sponsored a project on Stovall's property (Phase I) for $3,930.00 which funded the installation of rock barbs, rootwads and re-vegetation. The landowner covered the remaining balance of the construction costs for $500.00.

Phase II of this project began in October 2003 and established woody riparian plants along the immediate shoreline of the Stovall property. To increase the success of establishment and promote rapid growth, a drip irrigation system was installed to water plants for the establishment period (3-year minimum). The landowner will maintain the irrigation system for the life of the hardware to maximize plant growth and vigor. Large woody debris was installed in select locations where it provides both bank protection and in-channel cover.

Recently, a future third phase of the project was developed to expand the size of the woody riparian zone and introduce additional in-channel woody material to provide for habitat complexity. Floodplain connectivity will be re-established through the removal of an old dike and cobble/gravel plug and a series of rock barbs embedded with native vegetation will be constructed. MCFEG was awarded a WDFW Landowner Incentive Program and US Fish & Wildlife Service, Private Stewardship Grant Program funding Phase III for $50,000. Phase III will be constructed in the fall of 2005.

Project Partners: MCFEG sponsored the Phase II project for $20,000 and the Kittitas County Conservation District through the Yakima Habitat Tributaries Access Program contributed $10,000 toward the re-vegetation materials and labor. WDFW biologists and engineers provided construction management, engineering and permitting in-kind.

PROJECT EXPENDITURES: JULY 1, 2003 - JUNE 30, 2004

Project Name	RFEG Funds	Vol Hours	Vol Dollars	Other Funds	Total Spent
Presher Springs	$ 580.00			$ 2,000.00 Central Klickitat C.D.	$ 2,580.00
Snyder Creek (Klickitat Mill) SS & SFS	$ 1,646.99	622	$7,464.00	$ 400,000.00 SRFB $200,000.00 WDFW $ 98,000.00 YNFP $ 80,000.00 NFWF	$ 787,110.99
Administration	$ 4,828.39	24	$ 288.00		$ 5,116.39
Website	$ 155.40	4	$ 48.00		$ 203.40
Program Coordinator	$45,879.40	13	$ 156.00		$ 46,035.40
Yakima County Corrections Crew	$ 430.22				$ 430.22
Project Maintenance & Monitoring	$ 1,772.35	58	$ 696.00		$ 2,468.35
Lmuma Creek	$ 3,173.03	16	$ 192.00		$ 3,365.03
Engineering, Development & Design (Generic)					$ 18,195.00
L. Taneum Creek (Phase II)	$14,345.44	36	$ 432.00	$10,000.00 YTHAP	$ 24,777.44
Plant Materials	$ 1,959.35	16	$ 192.00		$ 2,151.35
Roza Creek Lease	$ 300.00				$ 300.00
Hanson Ponds Re-vegetation	$4,157.26			$ 394,506.62 Pacific Coastal Salmon Recovery $ 10,000.00 WDOT $200,000.00 City of Cle Elum	$ 608,663.88
Blockhouse Cr.		30	$ 360.00		$ 360.00
Totals	$97,422.83	819	$9,828.00	$ 1,394,506.62	$ 1,483,562.45

REGION 12 – MID COLUMBIA FISHERIES ENHANCEMENT GROUP

BOARD OF DIRECTORS:

Glenn Miller
Jim Maine

PROGRAM COORDINATOR:

Margaret Neuman

CONTACT INFORMATION:

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Glenn Miller
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Yakima, WA 98902
fishwa@aol.com

REGION 13 – TRI-STATE STEELHEADERS REGIONAL FISHERIES ENHANCEMENT GROUP

MISSION STATEMENT:

The Tri-State Steelheaders Fisheries Enhancement Group, by completing habitat enhancement projects, crafting coalitions with conservation organizations, conducting educational outreach and securing volunteer assistance will perpetuate salmonid populations and create measurable increases in their habitat in southeastern Washington, northeastern Oregon and north central Idaho.

OVERVIEW:

The Tri-State Steelheaders has been actively involved in salmonid habitat restoration since being organized during the mid-1960's. The group was granted 501 (c) 3 status by Washington State in 1989 and became a regional fisheries enhancement group in December, 2000.

The Tri-State Steelheaders conducts salmonid habitat restoration projects in WRIA 32 and 35. These projects include both in-stream and riparian habitat enhancement as well as community outreach and education projects. Creating partnerships with landowners, government agencies, and other conservation organizations is of paramount importance to the Tri-State Steelheaders.

During the 2003/2004 fiscal year the Tri-State Steelheaders participated in twelve habitat restoration and fifteen educational/community outreach projects. Volunteers donated a total of 2,687 hours working on Tri-State Steelheaders projects and spent an additional 1,830 hours participating in educational activities.

PROJECT HIGHLIGHTS:

Continuous project maintenance

Recognizing the importance of well maintained riparian buffers to stream health as well as to cooperating landowners, the Tri-State Steelheaders emphasized project maintenance during the past year. On the South Fork of Coppei Creek project alone the Steelheaders organized six maintenance events involving 123 volunteers who donated 403 hours pulling weeds, replacing native trees and shrubs that had died, controlling invasive, non-native plants, and reseeding native grasses to areas where the soil had been disturbed. These volunteer efforts not only pleased landowners, they also saved significant amounts of money which then could be used for additional projects.

On the Lower Walla Walla River the Tri-State Steelheaders provided maintenance on two and one half miles (on both sides of the river) of riparian buffer. Activities included replanting trees and shrubs lost during a flood event, maintaining an irrigation system on the project, and controlling noxious weeds in the buffer area by mowing in lieu of spraying herbicides near the stream.

While project maintenance is not as exciting as developing and installing new projects, it is vital to gain maximum benefit from a riparian buffer and is critical for continued landowner support for habitat restoration projects.

Stream flow and temperature monitoring

Working under contract with Walla Walla County and Washington State Department of Ecology, the Tri-State Steelheaders continued monitoring water flow at 14 stream locations in Columbia and Walla Walla counties (WRIA 32) during the past fiscal year. These monitoring efforts provided essential data used for sub-basin and HCP planning efforts.

Data was gathered from eight stations with continuous stage height recorders and six stations with staff gauges at locations on the upper and lower Touchet River, Dry Creek, Coppei Creek, Mill Creek and the Walla Walla River. Tri-State Steelheaders technicians visited the stations weekly to take measurements and conduct needed maintenance.

Data collected were provided to WDOE and used to construct flow curves reporting the water flow volume at each site on a year round basis. Flows information from the various sites may be viewed in near-real time at the Department of Ecology website, www.ecy.wa.gov.

In addition to this continued water flow monitoring activity, Tri-State Steelheaders staff also participated in two "seepage runs" organized by the Walla Walla Basin Watershed Council. These seepage runs involved multiple teams of technical personnel simultaneously measuring stream flow and temperature at different sites on a river system. The data collected was used to estimate the Walla Walla River's flow profile at different times of the year. This stream flow profile is important for salmonid restoration planning efforts.

The Coppei Creek connection

Coppei Creek, a tributary to the Touchet River located in Walla Walla County, provides outstanding spawning and rearing habitat for ESA listed steelhead. The Tri-State Steelheaders has actively participated in habitat restoration activities in the Coppei Creek system since 1998. This tradition continued during the past year as the Tri-State Steelheaders constructed two rock weirs and placed three boulder clusters in the South Fork of Coppei Creek to increase stream diversity and provide additional habitat for juvenile steelhead. The Steelheaders also removed a fish passage barrier on the North Fork of Coppei Creek, thus opening an additional two and one half miles of the stream to steelhead for spawning and rearing activities.

COMMUNITY OUTREACH AND EDUCATION:

The past year was extremely successful for the Tri-State Steelheaders' efforts to involve community members in salmon and steelhead restoration activities. In addition to the traditional "Crab Feed", recognizing salmon and steelhead restoration efforts across the watershed, the Tri-State Steelheaders delivered the message of salmon and steelhead restoration to public and private schools, local service clubs, and in meetings for interested citizens. More than 900 individuals spent a total of 1,830 hours participating in Tri-State Steelheaders' educational activities.

Tri-State Steelheaders project partners July 1, 2003 – June 30, 2004: City of College Place, College Place Firefighters Association, Wal-Mart, Hook N' More Sports, Sportsman's Warehouse of Kennewick, Wild West Riparian, Royse Hydroseeding, Walla Walla College, Whitman College, Walla Walla Community College, Gardena Farms Irrigation District, National Fish and Wildlife Foundation, NRCS, FSA, Walla Walla Basin Watershed Council, Walla Walla County Conservation District, Asotin High School, Clarkston High School, Waitsburg High School, Burbank High School, Walla Walla High School, DeSales Catholic High School, School District 140 Opportunity Program, Garrison Middle School, Pioneer Middle School, Berney Elementary School, Touchet High School, Touchet Elementary School, Confederated Tribes of the Umatilla Indian Reservation, Washington Department of Fish and Wildlife, U.S. Fish and Wildlife Service, U.S. Army Corps of Engineers, U.S. Forest Service, Walla Walla BPOE, Pepsi-Cola of Walla Walla, City of Walla Walla Housing Authority, Walla Walla YMCA, Walla Walla County, Washington Department of Ecology, Washington Salmon Recovery Funding Board, NOAA Fisheries, Hudson Bay District Improvement Co., Walla Walla River Irrigation Co., U.S.G.S., Oregon Water Resources Board, C.A.S.T. For Kids Foundation, and more than 65 local and regional businesses that supported the Tri-State Steelheaders' projects.

PROJECT EXPENDITURES: JULY 1, 2003 - JUNE 30, 2004

	Project Name	RFEG Funds	Vol Hours	Vol Dollars	Other Funds	Total Spent
1	Community outreach and education	$ 25,009	243	$ 3638	$ 30,071	$ 58,718
2	South Fork Coppei Creek instream & maintenance	$ 5618	466	$ 6990	$ 39725	$ 52,333
3	Walla Walla River flow monitoring	$ 3,790	0	$ 0	$ 28,998	$ 32,788
4	Project success monitoring	$ 6,309	1,608	$ 24120	$ 6,903	$ 37,332
5	Assist CTUIR telemetry	$ 1,956	281	$ 4215	$ 25,188	$ 31,359
6	Yellowhawk weir	$ 625	8	$ 120	$ 108	$ 853
7	Yellowhawk Creek fish passage barrier removal	$ 894	6	$ 90	$ 116	$ 1,100
8	North Fork Coppei Creek fish passage barrier removal	$ 6795	0	$ 0	$ 2260	$ 9,055
9	Mill Creek salmonid salvage	$ 676	17	$ 255	$ 8,250	$ 9,181
10	Walla Walla River "seepage run"	$ 2,921	0	$ 0	$ 30,375	$ 33,296
11	"Paladin" project mapping	$ 433	0	$ 0	$ 5,500	$ 5,933
12	Lower Walla Walla River riparian habitat maintenance	$ 4,641	30	$ 450	$ 4,204	$ 9,295
13	Mill Creek spring chinook escapement survey	$ 162	28	$420	$ 284	$ 866
14	Administration	$ 18,254	0	0	3,477	$ 21,731
	TOTALS	$ 78,083	2,687	$40,298	$185,459	$303,840

REGION 13 – TRI-STATE STEELHEADERS REGIONAL FISHERIES ENHANCEMENT GROUP

OFFICERS:

Larry Zalaznik, Vice-President Banner Bank, President
Mike Loney, Coachman Body and Frame Service, Treasurer

DIRECTORS:

Bob Carson, Ph.D., Whitman College
Jerry Chavez, Retired Educator, Member Nez Perce Tribe
Paul Cilvik, Medical Technician
Jon Cole, Ph.D., Walla Walla College
Rick Johnston, D.C., Owner Johnston Chiropractic
Mark Jones, Optician
Rick Jones, Director, Walla Walla County Conservation District
John Geidl
Mike Taylor

Board member Jon Cole demonstrates field monitoring techniques to high school students through the stream health monitoring project, offered to 402 students in the past year.

STAFF:

Susan Carlin, Executive Director
Brian Burns, Project Manager
Steve Gwinn, Volunteer Coordinator
Cheryl Cockerline, Secretary
Chris Landon, Flow Monitoring Technician

Volunteers were an essential part of riparian buffer maintenance in projects such as South Fork Coppei Creek

CONTACT:

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Fax (509) 529-3543
E-mail: tssfish@charterinternet.com

Instream structure placed in South Fork Coppei Creek to increase complexity and provide habitat.

UCG MISSION STATEMENT

The Upper Columbia Regional Fisheries Enhancement Group (Upper Columbia Group) works with willing landowners to protect good habitat and to facilitate and implement fish restoration projects. UCG also informs the public through education, training, and public information to improve the health of our region's environment, increase fish populations, promote a more sustainable and environmentally sound regional economy, and minimize community conflicts over natural resource management.

UCG OVERVIEW

The UCG is an independent 501(c)(3) non-profit organization incorporated since 2000 which covers RFEG area #14 (Okanogan, Douglas, Chelan and Ferry Counties), and includes nine WRIA regions (numbers 44 through 52). The UCG Strategic Plan developed by our Board guides all our fisheries programming and projects, and includes the following categories: Regional Economic Development, Landowners, Agencies, Volunteers, Members, Restoration Projects, Facilitation, Public Information, Education, Accountability, Improving Social Climate, and Strategic Plan Implementation. UCG's major programmatic and project areas, further described below, include landowner networking, education and outreach, projects, and partnership development.

UCG's landowner networking occurs through regular contact with residents and businesses throughout Okanogan, Douglas, Chelan and Ferry Counties. Without this, UCG would not be able to develop or implement any initiatives due to public opinion in the region about salmon recovery. One of the many mechanisms for working with landowners that UCG has developed is its "Landowner Watershed Committee" Program, which provides support and facilitation for smaller, semi-formal groups of landowners interested in their respective tributaries, and involves multi-purpose watershed planning and a variety of processes as selected by the landowners. UCG has also developed an Interdisciplinary Science Team made of various government agency representatives to support both UCG projects and advise landowner committees and their processes.

UCG's education and outreach occurs through our events, programs and other opportunities as they arise. Examples of some of our education and outreach venues include the UCG-hosted Okanogan River Salmon Festivals, major fisheries conferences (UCG Salmon Summit, etc), community events such as garbage cleanups and creek awareness nights, interpretive signage and trail plans, plus other opportunities arising from our Landowner Watershed Committee program.

UCG undertakes a wide range of diverse types of projects because landowner opinion in this region demands flexibility in our approach. To date UCG projects have included in-stream and riparian planting and fencing, biological and engineering assessments, employment of alternative stock-watering techniques, irrigation water source replacements, economic development of fisheries eco-tourism, watershed planning, school and community group projects, and more. Many initially field-only projects are used as a starting point for broader education and outreach, and vice versa. UCG education and outreach programs opportunistically capitalize on various projects, but we are currently developing standard volunteer monitoring and assessment program projects. UCG does not undertake carcass replacement as many areas of our regions have had stocks cut off by downstream dams. Hatchery programs are run by the Colville Confederated Tribes and other agencies who have their own nutrification programs.

UCG has engaged in partnership development with a large number of both government and non-government organizations (too many to list by name) in the course of delivering its programs and projects. UCG works with city, county, state, federal, tribal and Canadian governments, whose roles range by project to include: project partners, funders, scientific advise, field support, inter-coordination of parallel initiatives, and more. In addition to government organizations, strong key partnerships have been made with trails, land conservancy, water rights, economic development, and other types of non-profit organizations. UCG makes many presentations to other groups, examples of which are Okanogan Conservation District, Kiwanis, Cattleman's Associations, County Commissioners, Chambers of Commerce, Economic Alliance, and Tourism Councils.

UCG's major accomplishments in the July 1, 2003 to June 30, 2004 fiscal year were:

- Implementation of Hancock Creek culvert replacement and irrigation point of diversion change project
- Assessment work of Phase I of the Okanogan Similkameen River Confluence Project
- Acquisition of NFWF funding for the Sinlahekin Creek Project
- Acquisition of LIP funding from WDFW for the Sinlahekin Creek Project.
- Acquisition of OSCCP funding for the Sinlahekin Creek Project.
- Implementation of monthly Landowner Watershed Committee meetings on Bonaparte Creek.
- Annual Bonaparte Creek garbage cleanup.
- Second Annual coordination of five Okanogan River Salmon Festivals in September / October
- Presentations at major conferences, including: Northwest Salmon Recovery Conference, American Fisheries Society Conference, Okanagan Ecosystem Conference, Canadian Water Resource Association and more…

In addition to paid staff time, the above progress has been made due to the efforts of our volunteer Board and others, who have contributed 799 hours of time.

State of erosion along Sinlahekin Creek project area

Overview of a section of the Similkameen-Okanogan Confluence Area project

Tonasket Middle School students visit the Okanogan River, along with UCG Fish Biologist.

PROJECT SUMMARIES AND HIGHLIGHTS

The following are several featured projects of the UCG initiated in the July 2003-June 2004 fiscal year. Much effort during the year was spent developing working relationships and project concepts for subsequent follow-up in next fiscal. Although total budgets for these projects are accounted for in this year's report, projects marked with an asterisk (*) are ongoing into the next fiscal year. In these cases, the best estimates of time and costs by the end of the project are provided in these cases.

Project Name	Project Type and Components	Status / Results achieved
UCG Administration	Type: Organizational management	Status: Completed -reporting to Board and all funders -financial audits -management procedures formalized - project development
Phase I of the Similkameen Confluence Project*	Type: Habitat & Community Outreach -biological and hydrological assessment of project area including 12 river miles on two rivers to result in recommended restoration actions -development of Adaptive Management Plan for management of area in future -community outreach -partnership development	Status: Project still in progress -funding for this phase from SRFB -coordination with WDFW "Okanogan Similkameen Conservation Corridor" program -funding for subsequent phases in process -63 landowner and businesses contacted, 13 in-person interviews of riverside landowners -multi-agency Interdisciplinary Science Team formed -Biological Assessment -Technical Review -Identification of 2 primary restoration sites -Conceptual Basis of Design
2003 Bonaparte Creek Cleanup	Type: Habitat & Education -garbage cleanup and community awareness campaign -riparian revegetation	Status: Completed -1 mile of critical steelhead habitat cleaned up -media coverage -good turnout (20 people from a very small town) -two large truckloads of garbage removed -planted over 900 plants and shrubs
2003 UCG Salmon Festivals	Type: Community Outreach -five separate festivals in five communities as salmon traveled upstream -featured trout pond, vendors, salmon BBQ, music…	Status: Completed -approximately 2,500 people attended -media reached over 10,000 people -built stronger partnerships with city governments
Other Education & Outreach	Type: Education & Outreach - project presentations - partnership presentations	Status: Complete - Conducted over 15 outreach presentations
Sinlahekin Creek Project*	Type: Habitat Project -badly incised and eroded creek needs restoration with approximately 14,000 linear feet of creek to restore -riparian replanting and fencing	Status: Currently in Progress -funding from NFWF, NRCS, WDW, OCD, OSCCP, landowner -coordination with WDFW "Okanogan Similkameen Conservation Corridor" program -permits applied for -hope to begin implementation Spring 2005
Hancock Creek*	Type: Habitat Project -culvert replacement and irrigation point of diversion change -project handed over to UCG by Okanogan County	Status: Currently in Progress -funding from landowner, SRFB, UCG, support by WDFW -well has been drilled, waiting for electrical to be finished -rock water crossing designs completed

Table of Project Expenditures

* indicates totals are subject to change as they are the best estimates for project end totals at time of report writing, as project carries on until next fiscal.

PROJECT EXPENDITURES: JULY 1, 2003 - JUNE 30, 2004

Project Name	RFEG Funds	Volunteer Hours	Vol. Dollars [1]	Other In- kind [2]	Other Funds	Total Spent
UCG Board, Staff, program support, project development, & office expenses	$72,693.89	269	$ 4,035.00	-	$15,000.00	$ 91,728.89
Phase I of the Similkameen Confluence Project*	$16,113.95	142	$ 2,130.00	-	$91,312.40	$109,556.35*
2003 Bonaparte Creek Cleanup	-	201	$ 3,015.00	-	$8,057.39	$ 11,072.39
2003 UCG Salmon Festivals	$ 7,969.64	187	$ 2,805.00	-	$1,618.50	$ 12,393.14
Other Education & Outreach	$ 6,666.00	-	-	-		$ 6,666.00
Sinlahekin Creek Project*	$ 7,051.80	-	-	-		$ 7,051.80*
Hancock Creek*	$ 858.96	-	-	-	$3,132.48	$ 3,991.44*
TOTAL	$111,354.24	799	$11,985.00	-	$119,120.77	$242,460.01*

1 unskilled @ $15.00 / hr, professional @ ESD rates

2 contributions value materials, services, advice et

REGION 14 – UPPER COLUMBIA REGIONAL FISHERIES ENHANCEMENT GROUP

BOARD OF DIRECTORS:

Arnold Asmussen, Business Owner and community leader
Jerry Kendrick, Software Developer
Bill Colyar, Operations Director, Verestar Earth Station
Mark Cookson, WDFW Watershed Steward

STAFF MEMBERS:

Daphne Cockle, Board Coordinator
Leigh-Ann Johnson, Interim Program Manager
Larry Bailey, Former Executive Director
Michelle Boshard, Former Project Manager

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Website: www.ucrfeg.org

UCG PARTNERSHIPS

The following is an incomplete list of regional organizations the UCG maintains either regular communications and/or partnerships and funding relationships with.

Community and Non-government Organizations:

Individual landowners
Landowner Watershed Committees (San Poil, Chumstick, Icicle, Sinlahekin, Similkameen, Bonaparte)
Cattleman's Associations
Okanogan Valley Lands Council
Okanogan Conservation District
Chelan Conservation District
Foster Creek Conservation District (Douglas County)
Ferry County Conservation District
(In development: Stevens, Pend Oreille Conservation Districts)
Tri-state Steelheaders (Regional Fisheries Enhancement Group)
Mid- Columbia Regional Fisheries Enhancement Group
Oroville Tonasket Irrigation District
Oroville Trails Group / Pacific Northwest Trails Society
Oroville Chamber of Commerce
Tonasket Chamber of Commerce
Omak Chamber of Commerce
Brewster Chamber of Commerce
Pateros Chamber of Commerce
Over 22 Canadian community organizations in the Okanagan
Okanogan County Economic Alliance
Kiwanis
Washington Water Trust
Nature Conservancy of Washington
Okanogan Valley Tourism Council
Dredgers Society (miners)

Government and intergovernmental groups:

Upper Columbia Salmon Recovery Board
Inter Agency Committee for Outdoor Recreation
Confederated Tribes of the Colville Reservation
Okanagan Nation Alliance (Canadian CCT Counterpart)
US Department of Fish and Wildlife (2 programs)
Washington State Department of Fish and Wildlife (3 Branches)
Washington State Department of Ecology (in development)
Counties: Okanogan (2 departments), Chelan County, Douglas County, Ferry County
Govenor's Salmon Recovery Office
Washington State Office of Trade and Economic Development
US Bureau of Land Management
US Department of Agriculture NRCS
National Oceanic and Atmospheric Administration
Canadian Okanagan Basin Technical Working Group (federal, provincial and tribal fisheries agencies in Canada)

Academia:

Central Washington University
Pacific Biodiversity Institute
(in development: Washington State University)
Tonasket Schools
Oroville Schools
Omak Schools
Keller Schools

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