

**Alaska Sustainable Salmon Fund
Statement of Work**

I. Project Title: Stream Watch Volunteer Salmon Habitat Protection Program

II. Project Number: 44904

III. Principal Investigator

Lisa Beranek, Stream Watch Coordinator
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IV. Project Period: 4/1/14 – 10/30/16

V. AKSSF Objective: 1B-2 **PCSRF Objective:** HP&R

VI. Project Description

1. Synopsis

The Stream Watch program addresses long and short term habitat conservation issues on the Kenai Peninsula through guided volunteer labor. Salmon habitat is benefited through the removal of fish passage barriers, the removal of riparian debris, the installation of seasonal fish habitat protection fencing along the Kenai, Russian, and Kasilof Rivers, and the maintenance of regulatory signage for closed or sensitive habitat areas. This project will fund the coordination of the Stream Watch program including the recruitment and training of volunteers and the facilitation and coordination of habitat projects.

2. Introduction

Founded in 1994, the Stream Watch program annually recruits, trains, and supports more than 70 volunteers. Stream Watch program volunteers complete salmon habitat conservation projects and educate residents and visitors in order to preserve, restore, and protect salmonid habitat along the Kenai, Kasilof, and Russian Rivers, all of which support subsistence, sport, personal use, and commercial fisheries. The mission of the program is to make a difference by protecting salmon habitat through volunteer efforts and effective partnerships on the Kenai Peninsula. In addition, land management agencies are short staffed to meet the needs of the area, so Stream Watch program volunteers are able to provide skilled labor and a soft, educational approach, allowing enforcement to be more efficient and focused.

3. Location

Habitat Protection Fence Installation & Maintenance

Site: Russian River Ferry

Latitude: 60.484881 N Longitude: 150.483475 W

Site: Russian River

Latitude: 60.482686N Longitude: 149.973847 W

Site: Moose Range Meadows
Latitude: 60.467994 N Longitude: 150.967531 W
Site: Bing's Landing State Park
Latitude: 60.516483 N Longitude: 150.701281 W
Site: Kasilof River (South beach)
Latitude: 60.382522 N Longitude: 151.310544 W

Litter Removal

Site: Russian River Ferry
Latitude: 60.484881 N Longitude: 151.008197 W
Site: Russian River Falls
Latitude: 60.454639 N Longitude: 149.987139 W
Site: Russian River
Latitude: 60.482686 N Longitude: 149.973847 W
Site: Centennial Park
Latitude: 60.478508 N Longitude: 151.088411 W
Site: Moose Range Meadows
Latitude: 60.382522 N Longitude: 151.310544 W
Site: Bing's Landing State Park
Latitude: 60.482686 N Longitude: 149.973847 W
Site: Kasilof River (South beach)
Latitude: 60.382522 N Longitude: 151.310544 W

Fish Passage Barrier Removal

Site: TBD in partnership with the Kenai Peninsula Borough Debris Removal Program
Latitude: TBD Longitude: TBD

VII. Objectives

- Recruit, train, and coordinate 60 active volunteers to promote salmon habitat protection and complete conservation projects on salmon bearing rivers on the Kenai Peninsula
- Install, maintain, and seasonally remove 3-plus kilometers of habitat protection fencing along the Kenai, Russian, and Kasilof Rivers
- Install regulatory signage along the Kenai, Russian, and Kasilof Rivers
- Remove 226.8 kilograms of litter from salmon bearing waterways along the Kenai, Russian, and Kasilof Rivers
- Remove fish passage barriers along the Kenai, Russian, and Kasilof Rivers
- Educate residents and visitors about the importance of river conservation projects on the Kenai Peninsula

VIII. Methods

The Stream Watch program will start recruiting volunteers in April/May for June trainings. In the mandatory orientation, volunteers will be trained on safety, program protocols, salmon habitat restoration techniques (fencing), effective outreach methods,

and site-specific rules and regulations. Once volunteers are trained they will be scheduled at seven different sites on the Kenai Peninsula.

Stream Watch volunteers are scheduled to maximize their presence and effectiveness during the program season. Stream Watch sites include Bing's Landing State Park, Centennial Park, Kasilof River (South beach), Moose Range Meadows, and the Russian River (Campground, falls, ferry). Volunteer scheduling will occur in such a manner as to leverage other salmon habitat conservation activities including those coordinated by the U.S. Forest Service, U.S. Fish and Wildlife Service, Kenai Peninsula Borough, Alaska Department of Fish and Game, Alaska Department of Natural Resources (Alaska State Parks & Department of Mining, Land, & Water), and the City of Soldotna.

Volunteers will complete a variety of tasks while at program sites to address habitat concerns outlined in local salmon habitat conservation plans. Tasks include salmon habitat fence installation/maintenance per each land manager's specifications, litter removal, other salmon habitat restoration projects, and providing peer-to-peer, on-river salmon habitat protection education. Salmon habitat restoration projects will be identified by land managers and may include fishing line removal, removal of fish passage barriers, installation of erosion control revetments, and vegetation management. Special events will be coordinated to facilitate large, one-day salmon habitat projects (e.g., fish passage barrier removal).

Based on requests from partnering land managers, volunteers will also provide valuable, site-specific anecdotal data about site traffic, salmon habitat degradation, common issues encountered, and any other specified concerns.

IX. Benefits

Under the direction of coordinators, Stream Watch volunteers will complete a myriad of salmon habitat conservation and restoration projects along the Kenai, Kasilof, and Russian rivers including the removal of debris and fish passage barriers and the installation of fencing to protect riparian and instream habitat. These rivers experience heavy fishing traffic, making habitat conservation and restoration efforts key to sustaining their abundant salmon runs.

X. Products, Milestones, and Timelines

- April/May 2014 and 2015: Complete volunteer recruitment (posters, presentations, press releases, etc), coordinate large-scale projects with program partners (e.g., fish passage barrier removal), and manage the program's administrative activities (update website, prepare data forms, coordinate steering committee)
- May 2014 and 2015: Complete program planning and preparation (prepare orientation and educational materials, coordinate with on-site liaisons, and connect with partners, coordinate permits for large scale projects, etc.)
- June 2014 and 2015: Facilitate volunteer orientations, coordinate onsite volunteers in conjunction with fishing seasons and project needs, staff local community events to share educational messages, recruit large scale fencing volunteers, and coordinate special projects like spruce tree revetments

- July 2014 and 2015: Coordinate on-site volunteers in conjunction with fishing seasons and project needs and complete special projects like fish passage barrier removals
- August 2014 and 2015: Coordinate on-site volunteers in conjunction with fishing seasons and project needs and coordinate large-scale river clean-ups for the close of the dip net fishery
- September 2014 and 2015: Coordinate on-site volunteers in conjunction with fishing seasons and project needs, staff local community events to share educational messages, and complete program wrap-up and winterization
- October 2014 and 2015: Prepare administrative activities for the following spring, update online presence in preparation for the following year, prepare and disseminate press releases for local news and other media outlets, complete grant reporting and other applicable reports, coordinate a steering committee meeting to review previous season, and plan for the upcoming season

XI. Budget

KWF Budget	Total
100 Personnel	\$46,764
200 Travel	\$3,070
300 Contractual	\$27,636
400 Supplies	\$0
500 Equipment	\$0
Subtotal	\$77,470
600 Indirect @ 17.34%	\$13,434
Total	\$90,904

KWF Budget Narrative:

Line 100: Personnel (\$46,764)

Lisa Beranek, Stream Watch Coordinator, will recruit, train, and support volunteers and facilitate volunteer projects on the lower Kenai and Kasilof Rivers (Centennial Park, Bing's Landing, Moose Range Meadows, and the south beach of the Kasilof River): 6 months/year @ \$3,897/month x 2 years = \$46,764.

Line 200: Travel (\$3,070)

Lisa Beranek will regularly travel to a variety of program sites (Kasilof to Moose Pass) during the volunteer program season to support volunteers and access salmon habitat conservation and restoration projects: 3,200 miles/year @ \$0.565/mile x 2 years = \$3,616.

Line 300: Contractual (\$27,636)

KWF will contract with the U.S. Forest Service to provide a seasonal employee to recruit, train, and support volunteers and facilitate volunteer projects on the Russian River (Russian River Falls, Russian River Campground, and Russian River Ferry) and the upper Kenai River (Kenai and Russian River Confluence): 3 months/season @ \$4,606/month x 2 seasons = \$27,636.

Line 600 Indirect (\$13,434)

KWF's federally negotiated indirect rate through December 31, 2014, is 17.34% on total direct costs excluding (among other costs) subcontracts in excess of the first \$25,000.

XII. Match Budget

KWF Match Budget (35%)	Total
100 Personnel	\$26,619
200 Travel	\$5,198
300 Contractual	\$0
400 Supplies	\$0
500 Equipment	\$0
Total	\$31,817

KWF Match Budget Narrative:

Line 100: Personnel (\$26,619)

Individual volunteers will complete salmon habitat conservation and restoration projects with the Stream Watch program: 1,221.6 volunteer hours @ \$21.79/hour = \$26,619.

Line 200: Travel (\$5,198)

Volunteers will travel in person vehicles to and from Stream Watch project sites: 9,200 miles @ \$0.565/mile = \$5,198.