

Amendment to Project Agreementm7
8/1/14
\$69,500 to
15-05**Project Sponsor:** Kittitas Conservation Trust**Project Number:** 12-1306P**Project Title:** Gold Creek Habitat Assessment + Conceptual D**Amendment Number:** 3**Amendment Type:**

Cost Change

Amendment Description:

Adding \$19,500 in Ecology Implementation Plan Funds (Interagency agreement 15-05) to conduct hydrological experiments to substantiate the hypotheses derived from the 2013 field work information. In brief- the water surface elevation in Gold Creek Pond will be temporarily raised 2.5 feet and the hydrologic response in the adjacent de-watered reach will be recorded. Results from this experiment will help clarify which restoration concepts will be most effective in achieving project goals.

Project Funding:

The total cost of the project for the purpose of this Agreement changes as follows:

	Old Amount		New Amount	
	Amount	%	Amount	%
RCO - SALMON ST PROJ	\$147,750.00	89.55%	\$167,250.00	90.65%
Project Sponsor	\$17,250.00	10.45%	\$17,250.00	9.35%
Total Project Cost	\$165,000.00	100%	\$184,500.00	100%
 Admin Limit	 \$0.00	 0.00%	 \$0.00	 0.00%
A&E Limit	\$0.00	0.00%	\$0.00	0.00%

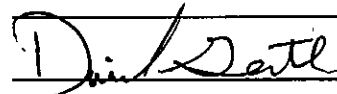
Agreement Terms

In all other respects the Agreement, to which this is an Amendment, and attachments thereto, shall remain in full force and effect. In witness whereof the parties hereto have executed this Amendment.

State Of Washington
Recreation and Conservation Office**Kittitas Conservation Trust****BY:**
Kaleen Cottingham**TITLE:** Director**DATE:**

7/22/14

Pre-approved as to form:

BY:/S/
Assistant Attorney General**AGENCY:****BY:**
DAVID GERTT**TITLE:**

EXECUTIVE DIRECTOR

DATE:7/29/14
RECEIVED

AUG - 1 2014

Amendment Agreement Description

Project Sponsor: Kittitas Conservation Trust

Project Number: 12-1306 P

Project Title: Gold Creek Habitat Assessment + Conceptual Design
Amendment Number: 3

Agreement Description

Kittitas Conservation Trust will use this planning grant to assess salmonid habitat in the Gold Creek watershed and produce a habitat restoration project conceptual design. Gold Creek is a head waters tributary to the upper Yakima River that originates in the Alpine Lakes Wilderness and then flows into Lake Keechelus near Snoqualmie Pass in northern Kittitas County (WRIA 39). The primary goal of the assessment is to investigate the causes of Bull Trout mortality such as seasonal dewatering, spatial constraints and habitat degradation, then design restoration actions that employ natural fluvial processes to reverse the decline in population. Bull trout were listed as Threatened under the Endangered Species Act in 1998.

The Gold Creek Bull Trout population became geographically isolated after completion of the Lake Keechelus Dam in 1917 and is designated as a high priority Action population in the Yakima Bull Trout Action Plan. The Plan identifies channel dewatering, low abundance, and passage barriers at Keechelus Dam as the primary factors for population decline. Conceptual engineering plans for restoration actions will be derived from this comprehensive hydrological, geomorphic and biological habitat assessment. The project will also benefit anadromous fish populations in the upper Yakima basin when passage at Keechelus Dam is restored.

Amendment Special Conditions

Project Sponsor: Kittitas Conservation Trust

Project Number: 12-1306 P

Project Title: Gold Creek Habitat Assessment + Conceptual Design **Amendment Number:** 3

Special Conditions

1. Compliance with EO 05-05, Archaeological and Cultural Resource Consultation:

This project includes ground disturbing activities and is required to undergo cultural resources consultation in accordance with Governor's Executive Order 05-05 Archaeological and Cultural Resources Consultation, as described in Section 9 of this project agreement. RCO is responsible for conducting that consultation and will notify you if a cultural resources survey is required. Completion of this consultation and a Notice to Proceed from RCO will be required before any ground disturbing activities can begin.

In the event that archaeological or historic materials are discovered during future ground disturbing activities, work in the immediate vicinity must stop; the area must be secured, and the Sponsor must notify the concerned tribe's cultural staff and cultural committee, the Recreation and Conservation Office, and Department of Archaeology and Historic Preservation.

2. Project Deliverables.

The following deliverables must be submitted to your SRFB grants manager along with any assessment and feasibility deliverables funded in the scope of work. This project will complete a conceptual design. Appendix D-1 of RCO Manual #18, *Salmon Recovery Grants*, dated January 2012, defines Conceptual Design deliverables as follows.

1. Description of the project site and the problem(s) within the context of salmon recovery;
2. Identification of specific goals and objectives for addressing the problem(s);
3. Identification and conceptual design of alternatives for achieving the project objectives. Each conceptual design alternative must include a description of the design and a plan view drawing of existing site conditions and the proposed project on accurately scaled site plans. The plan view drawing must include: an area/location map; property boundaries (either surveyed or approximated based on assessor's data); landownership; roads or other infrastructure as appropriate; scale; north arrow; water bodies and direction of flow; bank-full width or mean high water line for marine waters; and approximate dimensions of proposed elements;
4. Evaluation and discussion of stakeholder comments and the pros and cons of each alternative;
5. Selection of the preferred alternative(s); and
6. Rough construction cost estimate of the preferred alternative(s).

3. Project Funding.

This project is funded with \$69,500 of Ecology Implementation Plan Funds (Interagency agreement 15-05) and \$97,750 of State Salmon Funds.

Amendment Eligible Scope Activities

Project Sponsor: Kittitas Conservation Trust

Project Number: 12-1306

Project Title: Gold Creek Habitat Assessment + Conceptual Design

Project Type: Planning

Program: Salmon State Projects

Amendment #: 3

Planning Metrics

Worksite #1, Gold Creek

Targeted salmonid ESU/DPS:

Chinook Salmon-Middle Columbia River
spring-run ESU, Coho
Salmon-unidentified ESU, Sockeye
Salmon-unidentified ESU,
Steelhead-Middle Columbia River DPS
Brook Trout, Bull Trout, Cutthroat,
Kokanee, Rainbow
188.0

Targeted species (non-ESU species):

Area Encompassed (acres):

Miles of Stream Affected:

Restoration Planning And Coordination Project

Conducting habitat restoration scoping and feasibility studies

Description of the Plan:

Results of habitat assessment and 4
conceptual design alternatives for
addressing dewatering of Gold Creek
To be determined

Name of the Plan: