

Amendment to Project Agreement

MJ
2/13/19

Project Sponsor: Lewis County

Project Number: 17-1420R

Project Title: MF Newaukum Fish Passage_SitelD 021(45011

Amendment Number: 1

Amendment Type:

Cost Change

Amendment Description:

Add \$491,993 2017-19 FBRB funds. Total agreement \$1,016,993. No match required.

Project Funding:

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

	Old Amount		New Amount	
	Amount	%	Amount	%
RCO - FBRB WP	\$525,000.00	100.00%	\$1,016,993.00	100.00%
Project Sponsor	\$0.00	0.00%	\$0.00	0.00%
Total Project Cost	\$525,000.00	100%	\$1,016,993.00	100%
Admin Limit	\$0.00	5.00%	\$0.00	5.00%
A&E Limit	\$120,125.00	29.67%	\$234,690.69	30.00%

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

Lewis County

BY: 
Kaleen Cottingham

AGENCY: Lewis County Board of County Commissioners
BY: 

TITLE: Director

TITLE: Chair

DATE: 1/6/19

DATE: 2-6-19

Pre-approved as to form:

BY: IS/
Assistant Attorney General

RECEIVED

FEB 13 2019

BRIAN ABBOTT

Fish Barrier Removal Board

Amendment Form

Date: 11/27/2018

RCO Project Number: 17-1420R

Sponsor Name: Lewis County – Ann Weckback

Project Name: Middle Fork Newaukum Fish Passage 021(45011)(07070)

Type of Amendment: Cost Increase Scope Change

Justification: For cost increases, describe the need and specifically what the money will be used for. Please note: a grant cost increase requires the sponsor to increase its total match contribution to maintain the agreement's original cost share percentages. For scope changes, describe the reason and what work types or elements of the project will change. Specify changes in quantities and/or metrics of project elements as necessary.

WDFW engineer completed the cost estimate that was recorded in the FBRB binder in 2015. This is the highest priority project in the Newaukum Priority Watershed. The channel is relatively unconfined with large floodplain connectivity. The original bankfull width measurement was increased in a subsequent site visit that increased the structure span. Additionally, the original estimate was for a steel culvert. Lewis County demonstrated that the soils in this region are highly acidic and is wanting to proceed with a concrete box culvert. Culvert and materials costs have also increased since the original estimate as well as costs for cultural resources, permitting, wetland mitigation credits, right of way easements, and project administration. WDFW technical review team has reviewed and commented on the designs and cost estimates and recommends increasing the agreement by \$491,993.

Supporting Documents Provided. (check all that apply):

- An updated Cost Estimate Spreadsheet composed of original budget with cost increase provided in a separate column clearly illustrating where costs have changed.
- Preliminary design package including design drawings and design report (Manual 22, Appendix C)

BRIAN ABBOTT

Fish Barrier Removal Board

Amendment Form

Review:



Washington
Department of
**FISH and
WILDLIFE**



WASHINGTON STATE
Recreation and
Conservation Office

Approved: Yes No

Date: 1/4/2019

Name: Thomas P. Jameson

Reason

Cost increase is reasonable and justified.

Approved: Yes No

Date: 1/8/2019

Name: Scott T. Robinson

Reason

I concur with Tom's rationale and the money is available and the process for cost increases was followed.

Amendment Agreement Description

Project Sponsor: Lewis County

Project Number: 17-1420 R

Project Title: MF Newaukum Fish Passage_SiteID 021(45011)(0) **Amendment Number:** 1

Agreement Description

1. This is a fish passage restoration project aimed at replacing a fish passage barrier with a stream simulation designed crossing.
2. This crossing is located on the Middle Fork Newaukum River on Middle Fork Rd in Lewis County.
3. The overall goal to be achieved is to remove a 33% passable fish passage barrier and replace with a stream simulation designed crossing that will allow for fish passage at all life stages and geomorphic connectivity.
4. Habitat upstream consists mainly of high quality rearing habitat with small reaches of suitable spawning gravels. Much of the habitat upstream consists of forested wetlands that are known to be highly productive for coho rearing.
5. This project will benefit steelhead, coho, lamprey, resident trout, and searun cutthroat trout.
6. The completion of this project will open approximately 2.5 miles of suitable spawning and rearing habitat. This will potentially increase fishing opportunities in the future.

Amendment Special Conditions

Project Sponsor: Lewis County

Project Number: 17-1420 R

Project Title: MF Newaukum Fish Passage_SiteID 021(45011)(0' **Amendment Number:** 1

Special Conditions

Special Condition: Preliminary and Final designs completed to Manual 22 Appendix C specifications must be submitted to RCO and approved by WDFW staff prior to implementing construction activities.

Amendment Eligible Scope Activities

Project Sponsor: Lewis County

Project Number: 17-1420

Project Title: MF Newaukum Fish Passage_SiteID 021(45011)(07070

Project Type: Restoration

Program: FBRB Watershed Pathway

Amendment #: 1

Restoration Metrics

Worksite #1, Middle Fork Rd x Middle Fork Newaukum River

Targeted salmonid ESU/DPS (A.23):

Coho Salmon-Southwest Washington
ESU, Steelhead-Southwest

Targeted species (non-ESU species):

Washington/Washington Coast DPS
Cutthroat, Rainbow, Searun Cutthroat

Project Identified In a Plan or Watershed Assessment (C.0.c):

The culvert is ranked 119th for
replacement within the Chehalis Basin
according to the Middle Chehalis Basin
Watershed Culvert Assessment, dated
December 2003.

Type Of Monitoring (C.0.d.1):

Implementation Monitoring

Fish Passage Improvement

Type Of Barrier (C.2.b.3):

Culvert

Miles Of Stream Made Accessible (C.2.b.1):

2.50

Culvert installed or improved (C.2.f.1)

Miles of stream made accessible by culvert installation/repair (C.2.f.3): 2.78

Number of culverts (C.2.f.2):

1

Cultural Resources

Cultural resources

Permits

Obtain permits

Architectural & Engineering

Architectural & Engineering (A&E)

Natural Resources Building
P.O. Box 40917
Olympia, WA 98504-0917

1111 Washington St. S.E.
Olympia, WA 98501



(360) 902-3000
TTY: (800) 833-6388

E-mail: Info@rco.wa.gov
Web site: www.rco.wa.gov

STATE OF WASHINGTON
RECREATION AND CONSERVATION OFFICE

January 14, 2019

Erik Martin
Chehalis River Basin FCZD
Lewis County Public Works
351 NW North St, Suite 210
Chehalis, WA 98532

RE: MF Newaukum Fish Passage_SiteID 021(45011)(07070), RCO #17-1420R
Amendment # 1

Dear Erik Martin:

In response to your request to amend the above-referenced Project Agreement, we have reviewed the circumstances and pertinent RCWs, WACs, and program policies relating to your request. As a result, I am approving an amendment to the MF Newaukum Fish Passage_SiteID 021(45011)(07070) project.

Enclosed are two original amendments to the Project Agreement. Please sign both amendments, retain one for your records, and return one original. If you have any questions, please call Josh Lambert at (360) 725-3935, or send an e-mail to Josh.Lambert@rco.wa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kaleen Cottingham".

Kaleen Cottingham
Director

Enclosures

cc: Ann Weckback

