

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)

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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.