

## Project #18-1824, Mill Creek Fish Passage Improvement

Current Status: Application Submitted

### Project Details

<b>Primary Sponsor:</b> Chelan County Natural Resources Department	<b>Primary Contact:</b> Mike Kane kanenaturalresources@gmail.com
<b>Funding Program:</b> Salmon State Projects	<b>Lead Entity:</b> Upper Columbia Salmon Recovery Board Lead Entity
<b>Project Type:</b> Restoration	

### Project Description

This project will complete design, permitting and replace a fish passage barrier culvert on Mill Creek (RM 5.2 on Peshastin Creek) to open 2.2 miles of perennial stream providing access to spawning and rearing habitat for steelhead. The proposal is to replace the existing 4'x5' box culvert with a 21' span arch culvert.

### Project Overall Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer
<b>Completion Date</b>	
Projected date of completion	12/31/2020
<b>Sponsor Match: Monetary Funding</b>	
Amount of other monetary funding (A.12)	\$494,599.00
Source of other monetary funding (A.12.a)	Brian Abbott Fish Barrier Removal Board
Timing of other monetary funding	July 2019. 2 years.
<b>Sponsor Match: Donated Un-paid Labor (volunteers)</b>	
Value of Donated Unpaid Labor (Volunteers) (A.13.a.2)	\$0.00
Source of Donated Un-paid labor contributions (A.13.a.4)	N/A
<b>Sponsor Match: Donated Paid Labor</b>	
Value of Donated Paid Labor (A.13.b.1)	\$0.00
Source of Donated Paid Contributions (A.13.b.2)	N/A
<b>Sponsor Match: Other In-kind Contributions</b>	
Value of Other In-Kind Contributions (A.13.c.1)	\$0.00
Source of Other In-Kind Contributions (A.13.c.3)	N/A
Description of other In-Kind contributions (A.13.c.2)	N/A

### Project Funding

Funding Request		Funding %	Min Match Required	Sponsor Match Source	
Salmon State Projects (FY2019)	\$131,476	21.00 %		Appropriation \ Cash	\$494,599
Sponsor Match	\$494,599	79.00 %	15%		
Total Project Funding	\$626,075	100.00 %			
<b>Project Cost Summary</b>		<b>Project %</b>	<b>Admin/A&amp;E %</b>	<b>Maximum for Selected Program</b>	
<b>RESTORATION COSTS</b>					
Restoration	\$552,285				
A&E	\$73,790		13.39 %		\$165,386 (30%)
Subtotal	\$626,075	99.84 %			
<b>Total Cost Estimate</b>	\$626,075	99.84 %			

### Worksites and Properties

<b>County:</b> Chelan
<b>Legislative Districts 2012:</b> 12
<b>Congressional Districts 2012:</b> 08
<b>Salmon Recovery Regions:</b> Upper Columbia
<b>DNR Watershed Units (WAU):</b> Mt Stuart
<b>4th Field Catalog Units (HUC):</b> Wenatchee
<b>WRIA:</b> Wenatchee
<b>Sections:</b> 06

Township: T23NR18E  
Coordinates: 47.51099664  
-120.63251429

## Worksite #1: Mill Creek crossing

Coordinates from Mapped Point:	Latitude: 47.51099664	Longitude: -120.63251429
Coordinates from Worksite	Latitude:	Longitude:
Directions:		

**Worksite Description:** Worksite is at a culvert crossing on Mountain Home Ranch Road and Mill Creek. Survey, site visits, construction.

**Site Access Directions:** Drive south on US 97 from the Big Y for about 5 miles and turn right onto Mountain Home Ranch Road. Worksite is about 500' from US 97.

**Worksite Address:**

## Restoration Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer	Work Type Costs
Targeted salmonid ESU/DPS (A.23)	Chinook Salmon-Upper Columbia River Spring-run ESU, Steelhead-Upper Columbia River DPS	
Targeted species (non-ESU species)	Bull Trout	
Miles of Stream and/or Shoreline Treated or Protected (C.0.b)	0.01	
Project Identified In a Plan or Watershed Assessment (C.0.c)	Upper Columbia Salmon Recovery Plan	
Priority in Recovery Plan	This passage barrier was identified as a moderate priority in the 2008 RTT barrier prioritization document	
Type Of Monitoring (C.0.d.1)	Implementation Monitoring	
Monitoring Location (C.0.d.2)	Onsite	
<b>Fish Passage Improvement</b>		
Number of blockages / impediments / barriers impeding passage (C.2.b.4)	1	
Type Of Barrier (C.2.b.3)	Culvert	
Miles Of Stream Made Accessible (C.2.b.1)	2.20	
<b>Bridge installed or improved (C.2.g.1)</b>		
Miles of stream made accessible by bridge installation/repair (C.2.g.3)	2.20	
Number of bridges (C.2.g.2)	1	
Total cost for Bridge installed or improved		\$539,365.00
<b>Cultural Resources</b>		
<b>Cultural resources</b>		
Total cost for Cultural resources		\$1,920.00
Acres surveyed for cultural resources	1.00	
<b>Permits</b>		
<b>Obtain permits</b>		
Total cost to Obtain permits		\$10,000.00
Number of permits required for implementation of project	4	
<b>Architectural &amp; Engineering</b>		
<b>Architectural &amp; Engineering (A&amp;E)</b>		
Total cost for Architectural & Engineering (A&E)		\$73,790.00
<b>Agency Indirect Costs</b>		
<b>Agency Indirect</b>		
Total cost for Agency Indirect		\$1,000.00

## Restoration Questions

1 of 6	<b>Cultural Resources: Has the worksite been investigated for historical, archeological, or cultural resources? If yes, when did this occur and what agencies and tribes were consulted? Attach related documents (letters, surveys, agreements, etc.) to your project in PRISM.</b> Yes, Yes, but it has been 6 years since cultural resources were completed. USFWS was a partner in the project at that time and completed the cultural resources, however I was informed by the USFWS representative, Kate Terrell that we would have to re-do the Section 106 consultation.
2 of 6	<b>Cultural Resources: What is the current land use of the site? Has there been ground disturbances historically, if so, what are/were those disturbances? Is there any fill where ground disturbance is proposed? If known, how deep is the fill? The answer to this question will be used in cultural resource consultation so please provide detailed information.</b> The site is a road and stream crossing. Some of the area has had ground disturbance and fill associated with original culvert construction. Unsure of depth of fill.
3 of 6	<b>Is the worksite(s) located within an existing park, wildlife refuge, natural area preserve, or other recreation or habitat site? If yes, name the area and specify if the land is owned by local, state or federal government.</b> No

- 4 of 6

**Cultural Resources:** Describe any proposed ground disturbing activities that will take place as part of your project. This includes work conducted by hand or mechanized tools. Provide specific information including length, width, and depth of the ground disturbance. Ground disturbing work includes all restoration activities, geotech, fencing, demolition, etc. Avoid subjective phrases such as “ground disturbing activities will be minor”.

The existing box culvert will be removed as part of the project (see 30% plans for cut line) and a temporary bridge will be installed to provide access during construction. The disturbed area is roughly 300' in length by 150' in width. The entirety of that area will not be disturbed, but that is the outside dimensions. Depth of disturbance is close to 20' in places (~1376').
- 5 of 6

**Give street address for this worksite if available.**

Mountain Home Ranch Road, MP 0.08. Peshastin, WA.
- 6 of 6

**Cultural Resources: Are there any structures existing on the property (including tidegates, dikes, residential structures, bridges, rail grades, etc.)? If so, please list all existing structures. Indicate if any of these structures will be altered or demolished as a result of the project, and provide the following for each structure that could be altered or demolished: identifying name, year constructed, year(s) remodeled/renovated. Attach at least one photo of each altered structure.**

Yes, 4'x5' box culvert. Unknown date. Photo in attachments.

Property for Mill Creek crossing Worksite #1: Mill Creek crossing

Activity: Restoration	
Landowner	Control and Tenure
	Instrument Type: Temp. Construction Permit
	Purchase Type:
	Term Length: Fixed # of years (3 years)
Landowner Type: Local Government	Expiration Date: 12/31/2021
	Note:

Overall Project Questions

- 1 of 6

Is any part of the scope of work included in this application required as mitigation for another project or action? E.g. FERC relicensing, Habitat Conservation Plan, legal settlement, etc. If yes, explain:

No
- 2 of 6

Do you need state SRFB dollars (not Federal) to match the requirements of any other federal funding you will be using to complete this project. If Yes, please state the amount of state dollars needed out of your total request.

No
- 3 of 6

Is the project on State Owned Aquatic Lands? Please contact the Washington State Department of Natural Resources to make a determination. ([www.dnr.wa.gov/Publications/aqr\\_land\\_manager\\_map.pdf](http://www.dnr.wa.gov/Publications/aqr_land_manager_map.pdf))

No
- 4 of 6

Does your project address or accommodate the anticipated effects of climate change? If yes or maybe, please describe how.

Yes, Bridge/arch culvert design has been modified to accommodate debris flows as requested by Chelan County Public Works. This is to better prepare for increases in burn severity and risk of debris flows. The project also opens access to cold water tributary habitat.
- 5 of 6

Is your project located in the Puget Sound or Hood Canal region? If yes, is your project referenced in the Puget Sound Action Agenda?

No
- 6 of 6

Will veterans (including the veterans conservation corps) be involved in the project? If yes, please describe.

No

Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
Cultural Assessment [Section 106]				
Endangered Species Act Compliance [ESA]				
Hydraulics Project Approval [HPA]				
Nationwide Permit				
Permit Questions				
1 of 2	<p>Will this project require a federal permit? If this project requires a federal permit, will the scope of that permit cover ALL proposed ground disturbing activities included in this project? You may need to request a pre-application meeting with the permitting agency to answer this question.</p> <p>Unknown, It is likely that the project will require a federal permit. A meeting with permitting agencies is planned to identify permitting pathway.</p>			
2 of 2	<p>Are you planning on using the federal permit streamlining process (Limit 8, <a href="http://www.rco.wa.gov/documents/fact_sheets/Permit_Streamlining_fact_sheet.pdf">www.rco.wa.gov/documents/fact_sheets/Permit_Streamlining_fact_sheet.pdf</a>)?</p> <p>Yes</p>			

Project Attachments

Attachment Type	Title	Attach Date
Applicant Resolution/Authorizations	SRFB application authorization form[44501].pdf.pdf	08/07/2018
Cost Estimate	MillCr_fbrb cost estimate spreadsheet_062718_final.xlsx.xlsx	06/29/2018
Design document	Mill_Creek_30%_Plans[37415].pdf.pdf	06/29/2018
Map: Restoration Worksite	site map.pdf.pdf	06/29/2018
Photo	Fromm mattress-Mill Cr 051.jpg.jpg	06/29/2018
Photo	Fromm mattress-Mill Cr 056.jpg.jpg	06/29/2018
Salmon Project Proposal	MillCreekFinal_Proposal_without_track_compilied[42669].pdf.pdf	06/29/2018
Salmon Project Proposal	MillCreekFinal_Proposal_WITH_track_compiled[42668].pdf.pdf	06/29/2018
Salmon Project Proposal	MillCreek_PreProposalCompiled[40054].pdf.pdf	04/13/2018
WDFW barrier & screening forms	602260_Report_FBRB_barrier_survey.pdf.pdf	06/29/2018
WDFW barrier & screening forms	040089[41362].pdf.pdf	06/29/2018
WDFW barrier & screening forms	Correction Analysis Form_Mill_Creek.docx.docx	06/29/2018

## Application Status

**Application Due Date:** 08/09/2018

Status	Status Date	Name	Notes
Application Submitted	08/07/2018	Mike Kane	Marc, Keep me posted on the cultural resources stuff. It sounds like we will have to do some additional survey work out there. mike
Preapplication	04/10/2018		

I certify that to the best of my knowledge, the information in this application is true and correct. Further, all application requirements due on the application due date have been fully completed to the best of my ability. I understand that if this application is found to be incomplete, it will be rejected by RCO. I understand that I may be required to submit additional documents before evaluation or approval of this project and I agree to provide them. (Mike Kane, 08/07/2018)

Date of last change: 08/07/2018