

## PROJECT: 22-1003 REST, STEPTOE CREEK CULVERT 2 REPLACEMENT

Sponsor: Palouse Conservation District Program: Salmon State Projects Status: Preapplication

### Parties to the Agreement

#### PRIMARY SPONSOR

Palouse Conservation District

**Address** 1615 NE Eastgate Blvd Ste H

**City** Pullman **State** WA **Zip** 99163

**Org Type** District-Conservation

**Vendor #** SWV0030882-00

**UBI**

**Date Org created**

**Org Notes**

[link to Organization profile](#)

Org data updated

#### SECONDARY SPONSORS

No records to display

#### LEAD ENTITY

Snake River Salmon Rec Bd LE

#### QUESTIONS

#1: List project partners and their role and contribution to the project.

Whitman County Road Department and Toby Uhlenkott landowner. Stember Creek Road is owned by Whitman County and Toby has property on both side of the road and partial culvert barrier

### External Systems

#### SPONSOR ASSIGNED INFO

**Sponsor-Assigned Project Number**

**Sponsor-Assigned Regions**

#### EXTERNAL SYSTEM REFERENCE

Source	Project Number	Submitter
HWS	22-1003	AFitzgerald

# Project Application Report - 22-1003

## Project Contacts

Contact Name Primary Org	Project Role	Work Phone	Work Email
<a href="#">Alice Rubin</a> Rec. and Conserv. Office	Project Manager	(360) 867-8584	<a href="mailto:alice.rubin@rco.wa.gov">alice.rubin@rco.wa.gov</a>
<a href="#">Bradley Johnson</a> Palouse Conservation District	Project Contact	(509) 332-4101 Ext 106	<a href="mailto:Bradleyj@palousecd.org">Bradleyj@palousecd.org</a>
<a href="#">Ali Fitzgerald</a> Snake River Salmon Rec Bd LE	Lead Entity Contact	(509) 382-4115	<a href="mailto:ali@snakeriverboard.org">ali@snakeriverboard.org</a>

## Worksites & Properties

### # Worksite Name

#1 Steptoe Culvert 2 Replacement

Restoration	Property Name
✓	Steptoe Culvert 2 Replacement
✓	Whitman County Road - Steptoe Creek Rd

# Project Application Report - 22-1003

## Worksite Map & Description

### Worksite #1: Steptoe Culvert 2 Replacement

#### WORKSITE ADDRESS

**Street Address** Steptoe Creek Road

**City, State, Zip** Clarkston WA 99403

## Worksite Details

### Worksite #1: Steptoe Culvert 2 Replacement

#### SITE ACCESS DIRECTIONS

From west end of Clarkston, WA. Go north across Red Wolf bridge and turn west onto Wawawai Rd and follow Wawawai Rd to Steptoe Creek Road. Turn up Steptoe Creek Road and follow this about four miles until you come to second stream crossing (culvert barrier). This is about 2 miles above the previous purged culvert to bridge project funded by RCO/SRFB.

#### TARGETED ESU SPECIES

Species by ESU	Egg Present	Juvenile Present	Adult Present	Population Trend
Steelhead-Snake River, Asotin Creek, Threatened	✓	✓	✓	Unknown

#### Reference or source used

WDFW Habitat Surveys - (Mendel et al. 2004) - Brief Assessment of Salmonids and Stream Habitat Conditions in Snake River Tributaries of Asotin, Whitman and Garfield Counties in Washington. March 2001 - June 2003 - Final Report. WDFW Fish Program. page 173 Northwest Marine Fisheries Service. 2017. ESA Recovery Plan for Snake River Spring/Summer Chinook Salmon (*Oncorhynchus tshawytscha*) & Snake River Basin Steelhead (*Oncorhynchus mykiss*). Portland, OR.

#### TARGETED NON-ESU SPECIES

Species by Non-ESU	Notes
No species selected	

#### Questions

#1: Give street address or road name and mile post for this worksite if available.

Steptoe Creek Road at 1st culvert on county road up from Snake River, approximately 5 miles. About 2 miles past the previous completed perched culvert to bridge funding by RCO/SRFB.

# Project Application Report - 22-1003

## Project Location

### RELATED PROJECTS

#### Projects in PRISM

PRISM Number	Project Name	Current Status	Relationship Type	Notes
14-1914 P	Steptoe Creek Perched Culvert Design & Assessment	Closed Completed	Earlier Phase	22-1003 is a result of this project and is in an area opened up by perched culvert to bridge project 15-1309
15-1309 R	Steptoe Creek perched culvert replacement	Closed Completed	Earlier Phase	22-1003 is a result of this project and is in an area opened removing a passage barrier
18-2020 R	Steptoe Creek Instream Habitat Rehabilitation	Closed Completed	Earlier Phase	Compliments and adds PALS to area opened up by removing a passage barrier
22-1004 R	Steptoe Creek PALS Phase II	Preapplication	Future Phase	Compliments this project with instream PALS both above and below the partial culvert barrier and adds to number of PALS installed with 18-2020.

#### Related Project Notes

#### Questions

#1: Project location. Describe the geographic location, water bodies, and the location of the project in the watershed, i.e. nearshore, tributary, main-stem, off-channel, etc.

Located in the Middle Snake Watershed (WRIA 35), Steptoe Creek is a small tributary to the Snake River located in southeastern Washington. The project is located in a minor spawning area (mSA) for the Lower Snake River steelhead major population group (MPG) that is currently designated as high-risk status. Steptoe Creek is a second order tributary to the Snake River downstream of Clarkston, WA.

#2: How does this project fit within your regional recovery plan and/or local lead entity's strategy to restore or protect salmonid habitat? Cite section and page number.

Snake River Salmon Recovery Plan and 3- 5 Year Work Plan

#3: Is this project part of a larger overall project?

No

#4: Is the project on State Owned Aquatic Lands? Please contact the Washington State Department of Natural Resources to make a determination. [Aquatic Districts and Managers](#)

No

## Property Details

Property: Steptoe Culvert 2 Replacement (Worksite #1: Steptoe Culvert 2 Replacement)

✓Restoration

#### LANDOWNER

Name Toby Uhlenkott  
Address 709 West Chestnut  
City Genessee  
State ID Zip 83832  
Type Private

#### CONTROL & TENURE

Instrument Type Landowner Agreement  
Timing Proposed  
Term Length Fixed # of years  
# Yrs 10  
Expiration Date 10/25/2032  
Note

# Project Application Report - 22-1003

Property: Whitman County Road - Steptoe Creek Rd (Worksite #1: Steptoe Culvert 2 Replacement)

✓ Restoration

## LANDOWNER

Name Whitman County  
Address 310 N Main St.  
City Colfax  
State WA Zip 99111  
Type Local

## CONTROL & TENURE

Instrument Type Landowner Agreement  
Timing Proposed  
Term Length Fixed # of years  
# Yrs 10  
Expiration Date 10/25/2032  
Note

## Project Proposal

### Project Description

The Palouse Conservation District will be working with a Steptoe Creek landowner and the Whitman County Road Department to remove a second culvert barrier on Steptoe Creek Road and replace with an arched culvert. This partial barrier is located upstream of the previously completed Steptoe Creek Perched Culvert Replacement RCO 15-1309 and the same partners will be working on the proposed project. This barrier removal project will benefit the Asotin Creek population of A-run summer steelhead and by removing this culvert barrier for both juvenile and adult steelhead opening up access to an additional 4 miles of mainstem Steptoe Creek. We are proposing a design build (all in one project) since this is not as complex of a design and shorter width of road than previous project.

### Project Questions

#1: Problem statement. What are the problems your project seeks to address? Include the source and scale of each problem. Describe the site, reach, and watershed conditions. Describe how those conditions impact salmon populations. Include current and historic factors important to understand the problems.

This is the second of two culvert passage barriers for juvenile and adult steelhead (the lower culvert was removed and replaced with a bridge) and this culvert is two miles above the new bridge. This culvert is just as important as the lower project in that it block access for juvenile steelhead to Stewart Canyon. Stewart is a spring feed cool water refugia area above this culvert. By removing this barrier both juveniles and adults will have access to 4 more miles of Steptoe Creek.

#2: Describe the limiting factors, and/or ecological concerns, and limiting life stages (by fish species) that your project expects to address.

Fish passage is the limiting factor that will be addressed by this barrier removal project. All freshwater lifestages of summer steelhead will benefit from a barrier removal project. Stewart Canyon is above this site and is a cool water refugia area on Steptoe Creek and juvenile below this barrier would have access to Stewart Canyon after removal of the barrier.

#3: What are the project goals? The goal of the project should be to solve identified problems by addressing the root causes. Then clearly state the desired future condition. Include which species and life stages will benefit from the outcome, and the time of year the benefits will be realized. [Example Goals and Objectives](#)

The goals of the project are to remove an identified fish barrier and open up an additional 4 miles of Steptoe Creek.

#4: What are the project objectives? Objectives support and refine biological goals, breaking them down into smaller steps. Objectives are specific, quantifiable actions the project will complete to achieve the stated goal. Each objective should be SMART (Specific, Measurable, Achievable, Relevant, and Time-bound). [Example Goals and Objectives](#)

Objectives:  
Removal of fish passage barrier  
Open up 4 miles of Steptoe Creek for summer steelhead

## Project Application Report - 22-1003

#5: Scope of work and deliverables. Provide a detailed description of each project task/element. With each task/element, identify who will be responsible for each, what the deliverables will be, and the schedule for completion.

### Scope of Work

Cultural Resource Survey - Brad Johnson Palouse CD  
Other Permits for the Culvert Project - Whitman County Road Department - Mark Storey  
Engineering - Whitman County Road Department - Mark Storey  
Removal of the barrier culvert - Whitman County Road Department - Mark Storey  
Installing the Arched Culvert - Whitman County Road Department - Mark Storey  
Final Project Report - Brad Johnson Palouse CD

#6: What are the assumptions and physical constraints that could impact whether you achieve your objectives? Assumptions and constraints are external conditions that are not under the direct control of the project, but directly impact the outcome of the project. These may include ecological and geomorphic factors, land use constraints, public acceptance of the project, delays, or other factors. How will you address these issues if they arise?

There are no assumptions or physical constraints that could impact the objectives. When the barrier is removed and an Arch Culvert is installed we will eliminate the barrier and open up 4 miles of Steptoe Creek to both juvenile and adult steelhead.

#7: How have lessons learned from completed projects or monitoring studies informed this project?

The previous culvert to bridge project with RCO/SRFB funds 2 miles below this site and working with both the same landowner and Whitman County Road Department will benefit this project. Costs have increased since this project, but we will do our best to get this completed within budget and on-time.

#8: Describe the alternatives considered and why the preferred was chosen.

Whitman County wants to go with an arched culvert that will be cheaper than a bridge in this location. Since Whitman County owns the road, we supported their determination based on the watershed size and the current culvert that is under the county road. The new arched culvert will be sized bigger than the barrier culvert and will allow for fish passage.

#9: How were stakeholders consulted in the development of this project? Identify the stakeholders, their concerns or feedback, and how those concerns were addressed.

The Palouse Conservation District has worked with most of the landowners in Steptoe Creek watershed and currently the Conservation Reserve Enhancement Program is closed for those above a known barrier for steelhead. Landowners above the barrier are interested in the CREP program and have asked about getting into the program. If this barrier is removed they would be eligible for CREP funding.

#10: Does your project address or accommodate the anticipated effects of climate change?  
Yes

#10a: How will your project be climate resilient given future conditions?

Access to Stewart Canyon for juvenile steelhead which is a cool water refugia area within Steptoe Canyon will benefit all lifestages of summer steelhead.

#10b: How will your project increase habitat and species adaptability?

This project will open up an additional 4 miles in Steptoe Creek for summer steelhead and as stated above Stewart Canyon has been identified by WDFW as a cool water refugia area for summer steelhead.

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#11: Describe the sponsor's experience managing this type of project. Describe other projects where the sponsor has successfully used a similar approach.

The Palouse CD worked with Whitman County to complete a culvert barrier to bridge with RCO/SRFB funding and it is located about 2 miles below this project. The Whitman County Road Department has put in many bridges and culverts on county roads and we feel blessed that they are willing to work with us on this second project in Steptoe Canyon.

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

Yes

Palouse Conservation District has a Veteran Conservation Corps program and we will bring the member out during construction.

## Restoration Supplemental

#1: What level of design (per Appendix D) have you completed? Please attach.

Conceptual

#1a: What level of design will be produced prior to construction?

Preliminary

#2: Will (or did) a licensed professional engineer design the project?

Yes

#3: Does the project include measures to stabilize an eroding stream bank?

No

#4: Is the primary activity of the project invasive species removal?

No

#5: Is the primary activity of the project riparian planting?

No

#6: Describe the steps you will take to minimize the introduction of invasive species during construction and restoration. Consider how you will use un-infested materials and clean equipment entering and leaving the project area.

The Whitman County Road Department will take all precautions to minimize introduction of invasive species during construction with all the equipment that will be used to removed the partial barrier and install the new arched culvert

#7: Describe the long-term stewardship and maintenance obligations for the project.

The Whitman County Road Department will maintain the county road and ensure that the arched culvert is functioning as designed after completion of the project

## Restoration Metrics

# Project Application Report - 22-1003

**Worksite: Steptoe Culvert 2 Replacement (#1)**

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)	Northwest Marine Fisheries Service. 2017. ESA Recovery Plan for Snake River Spring/Summer Chinook Salmon (Oncorhynchus tshawytscha) & Snake River Basin Steelhead (Oncorhynchus mykiss). Portland, OR.
Priority in Recovery Plan	This project is identified in the Snake River Salmon Recovery 3-5 Year Regional Provisional Work Plan; 35-Habitat Complexity Restoration: Installation of high densities of large woody debris mimic natural processes that lead to the development of pools, structural refuge for juvenile salmonids, and sorted gravel bars for adult salmonid spawning areas.
Type Of Monitoring (C.0.d.1)	None
Monitoring Location (C.0.d.2)	No monitoring completed

**FISH PASSAGE IMPROVEMENT**

Miles Of Stream Made Accessible (SRFB) (C.2.b.1)	4.00
Habitat made accessible (2489)	Stuart Canyon is a cold water refugia area with springs that provide year round flows. Opening this partial barrier for juvenile use in Stewart Canyon during the summer will benefit juvenile steelhead
Additional barriers (2490)	No downstream barriers and there are no other barriers identified for steelhead above this location
Type Of Barrier (C.2.b.3)	Culvert
Number of blockages / impediments / barriers impeding passage (C.2.b.4)	1
Describe the current barrier (2486)	This is a culvert that was installed in the 70's that is steep and has a velocity barrier for juveniles and possible barrier during higher flows in spring for adult steelhead
Passage problem (2487)	Velocity Slope
Passability (2488)	33% (Partial)

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

Total cost for Culvert installed or improved	\$234,000
Number of culverts (C.2.f.2)	1
Miles of stream made accessible by culvert installation/repair (C.2.f.3)	4.00
Correction option (2491)	

**CULTURAL RESOURCES**

**Cultural resources**

Total cost for Cultural resources	\$10,000
Acres surveyed for cultural resources	0.01

**PERMITS**

**Obtain permits**

Total cost to Obtain permits	\$5,000
Number of permits required for implementation of project	2

**ARCHITECTURAL & ENGINEERING**

**Architectural & Engineering (A&E)**

Total cost for Architectural & Engineering (A&E)	\$44,000
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# Project Application Report - 22-1003

## Overall Project Metrics

### COMPLETION DATE

Projected date of completion

9/30/2025

## Restoration Cost Estimates

### Worksite #1: Steptoe Culvert 2 Replacement

Category	Work Type	Estimated Cost	Note
Cultural Resources	Cultural resources	\$10,000	
Fish Passage Improvement	Culvert installed or improved (C.2.f.1)	\$234,000	
Permits	Obtain permits	\$5,000	
	Subtotal:	\$249,000	
Admin, Architecture, and Engineering		\$44,000	
	Total Estimate For Worksite:	\$293,000	

### Summary

Total Estimated Costs Without AA&E:	\$249,000
Total Estimated AA&E:	\$44,000
Total Estimated Restoration Costs:	\$293,000

## Cost Summary

	Estimated Cost	Project %	Admin/AA&E %
<u>Restoration Costs</u>			
Restoration	\$249,000		
Admin, Architecture, and Engineering	\$44,000		17.67 %
SUBTOTAL	\$293,000	100.00 %	
Total Cost Estimate	\$293,000	100.00 %	

## Funding Request and Match

### FUNDING PROGRAM

Salmon State Projects	\$249,000	84.98 %
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### SPONSOR MATCH

Donated Paid Labor                      Sponsor Payroll

Amount \$44,000.00

Funding Organization Palouse Conservation District

Match Total: \$44,000    15.02 %

Total Funding Request (Funding + Match): \$293,000    100.00 %

## Questions

#1: Explain how you determined the cost estimates

Working with Whitman County Road Department who owns the road and they want to install and arched culvert in place of the partial barrier culvert that is current at this location

# Project Application Report - 22-1003

## Cultural Resources

### Worksite #1: Steptoe Culvert 2 Replacement

#1: Provide a description of the project actions at this worksite (acquisition, development and/or restoration activities that will occur as a part of this project)

A purged culvert will be replaced with an arched culvert to provide steelhead passage for an additional 4 miles on Steptoe Creek

#2: Describe all ground disturbing activities (length, width and depth of disturbance and equipment utilized) that will take place in the Area of Potential Effect (APE). Include the location of any construction staging or access roads associated with your project that will involve ground disturbance.

Whitman County Road Department will close Steptoe Canyon Road during construction. The old culvert will be removed and replaced with an arched culvert. The fill around the old culvert will be used around the new culvert and the only digging will occur within the road bed to get the old culvert out and install the new arched culvert.

#3: Describe any planned ground disturbing pre-construction/restoration work. This includes geo-technical investigation, fencing, demolition, decommissioning roads, etc.

We anticipate this section of stream being dry during construction, but geo-technical investigations and sediment fencing will be completed to stop any sediment from entering Steptoe Creek

#4: Describe the existing project area conditions. The description should include existing conditions, current and historic land uses and previous excavation/fill (if depths and extent is known, please describe).

This partial barrier is located on Steptoe Creek Road, which is owned by Whitman County. It is used by farmers and ranchers who live and work in this canyon. It is a gravel road that is not heavily utilized, but the general public also uses this county road.

#5: Will a federal permit be required to complete the scope of work on the project areas located within this worksite?  
Unknown

#6: Are you utilizing Federal Funding to complete the scope of work? This includes funds that are being shown as match or not.  
No

#7: Do you have knowledge of any previous cultural resource review within the project boundaries during the past 10 years?  
No

#8: Is the worksite located within an existing park, wildlife refuge, natural area preserve, or other recreation or habitat site?  
No

#9: Are there any structures over 45 years of age within this worksite? This includes structures such as buildings, tidegates, dikes, residential structures, bridges, rail grades, park infrastructure, etc.  
No

## Project Permits

Permits and Reviews	Issuing Organization	Applied Date	Received Date	Expiration Date	Permit #
No permit data available.					

## Permit Questions

#1: Are you planning on using the federal permit streamlining process? [Limit 8](#)

# Project Application Report - 22-1003

## Attachments

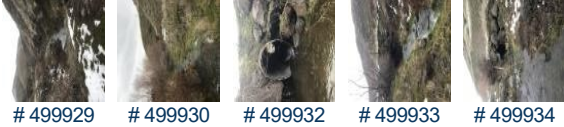
### Required Attachments

3 out of 6 done

- Applicant Resolution/Authorizations
- Cost Estimate ✓
- Landowner acknowledgement form
- Map: Restoration Worksite ✓
- Photo ✓
- RCO Fiscal Data Collection Sheet

### PHOTOS (JPG, GIF)

Photos (JPG, GIF)



# 499929 # 499930 # 499932 # 499933 # 499934

### PROJECT DOCUMENTS AND PHOTOS

Project Documents and Photos

File Type	Attach Date	Attachment Type	Title	Person	File Name, Number Associations	Shared
	02/09/2022	Cost Estimate	Proj22-1003Costs.xlsx	BradleyJ	Proj22-1003Costs.xlsx, 499937	✓
	02/09/2022	Map: Restoration Worksite	2022Steptoe Creek Culvert Barrier to Arch Culvert.docx	BradleyJ	2022Steptoe Creek Culvert Barrier to Arch Culvert.docx, 499935	✓
	02/09/2022	Photo	SteptoeCulvert looking upstream.jpg	BradleyJ	SteptoeCulvert looking upstream.jpg, 499934	✓
	02/09/2022	Photo	SteptoeCulvert looking upstreamcloseup.jpg	BradleyJ	SteptoeCulvert looking upstreamcloseup.jpg, 499933	✓
	02/09/2022	Photo	SteptoeCulvertOutletdownstreamview.jpg	BradleyJ	SteptoeCulvertOutletdownstreamview.jpg, 499932	✓
	02/09/2022	Photo	SteptoePALSIIbelowculvert.jpg	BradleyJ	SteptoePALSIIbelowculvert.jpg, 499930	✓
	02/09/2022	Photo	SteptoePALSIIupstreamculvert.jpg	BradleyJ	SteptoePALSIIupstreamculvert.jpg, 499929	✓
	02/07/2022	Map: Restoration Worksite	Steptoe Creek Culvert2 Map.docx	BradleyJ	Steptoe Creek Culvert2 Map.docx, 499606	✓

## Application Status

Application Due Date: 06/27/2022

Status Name	Status Date	Submitted By	Submission Notes
Preapplication	01/03/2022		

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.

Date of last change: 02/08/2022

## 2022 Snake River Salmon Recovery Board Project Application

### Letter of Intent

#### Steptoe Creek Partial Culvert Barrier to Arched Culvert

The Palouse Conservation District will be working with Steptoe Creek landowner and Whitman County Road Department to remove a second culvert barrier on Steptoe Creek Road and replace with an arched culvert. This partial barrier is located upstream of the previously completed Steptoe Creek Perched Culvert Replacement – RCO 15-1309 and the same partners will be working on the proposed project.

This project will benefit the Asotin Creek population of A-run summer steelhead and by removing this culvert barrier both juvenile and adult steelhead will have access to an additional 4 miles of mainstem Steptoe Creek.

#### **History:**

Steptoe Creek is a second order stream that drains into the Snake River 6 miles west of Clarkston on the Whitman County side. Originally there was about ~1.5 miles of CREP eligible stream on Steptoe due to a complete steelhead passage barrier with a perched culvert on Steptoe Canyon Road. 14 acres have been enrolled in the CREP program up to the bridge, so all the CREP eligible stream miles in Steptoe are currently under a CREP contract.

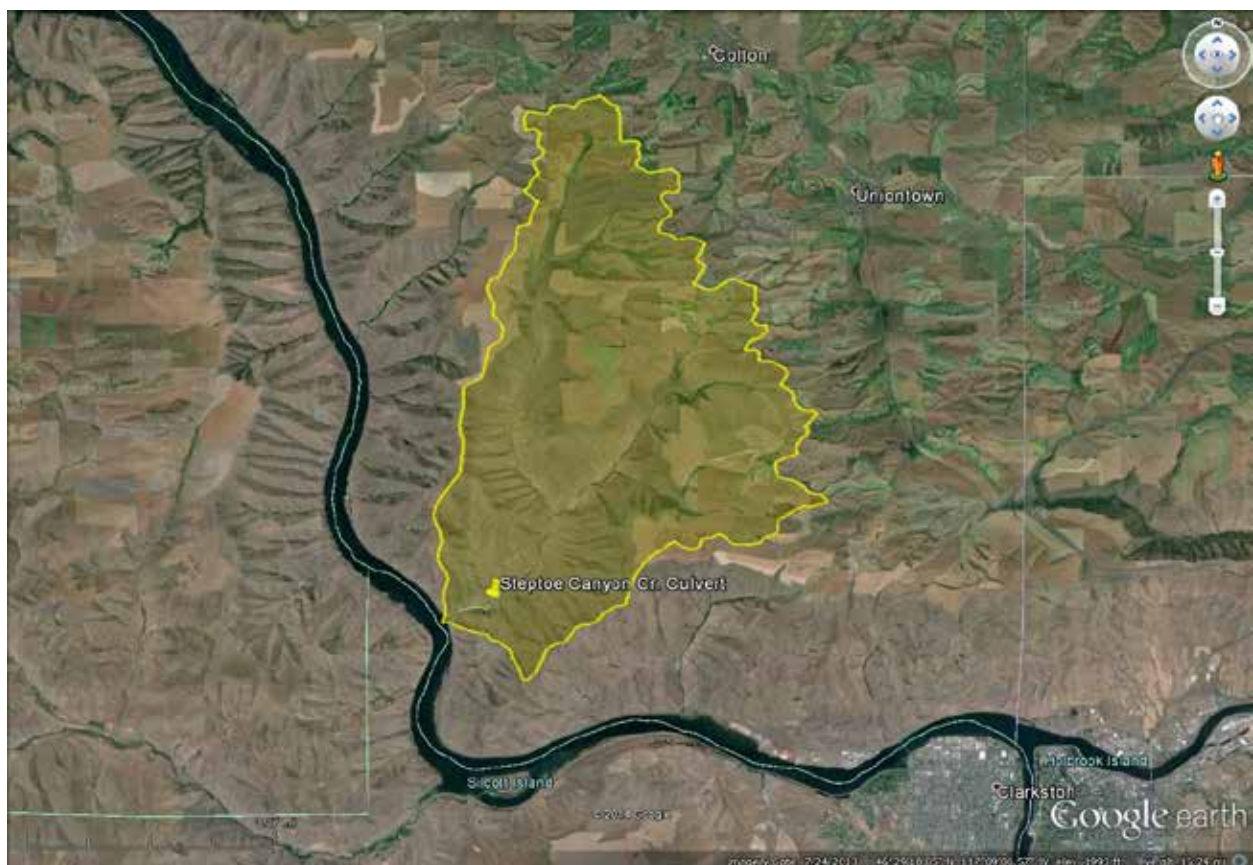
Steptoe Creek has document summer steelhead use and is an important stock that makes up the Asotin Creek summer steelhead population that is listed under the Endangered Species Act. With this designation improving riparian habitat and factors limiting steelhead production in Steptoe Creek is a priority listed in the *Snake River Salmon Recovery Plan*. Lack of riparian habitat, suitable resting and rearing pools and woody debris are listed as factors limiting steelhead production in Steptoe Creek.

The Palouse Conservation District in cooperation with the landowner and Whitman County Road Department submitted an RCO Salmon Grant #14-1914 Steptoe Creek Perched Culvert Design & Assessment, this resulted in RCO #15-1309 Steptoe Creek Perched Culvert Replacement grant, which removed the complete barrier with a full span bridge in 2017. This opened up 4.8 miles on the mainstem of Steptoe Creek and an additional 3.1 miles on Stuart Creek, which is a cold water, spring fed tributary to Steptoe. We are requesting to increase CREP eligible stream segments on the 4.8 miles of mainstem Steptoe and the 3.1 miles of Stuart Creek.

RCO #15-1309 Steptoe Creek Perched Culvert Replacement grant



Steptoe Creek Watershed with location of completed Perched Culvert and Culvert to Arched Culvert





Steptoe Creek Watershed with location of Perched Culvert & eligible CREP below complete barrier



Outlet of Perched Culvert before Bridge Installation

New Bridge on Steptoe Creek replacing the Perched Culvert



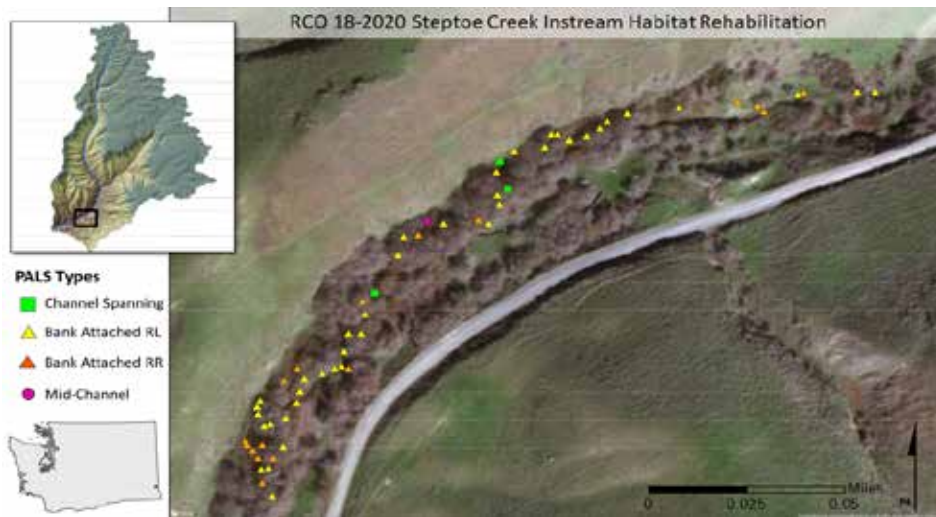
Downstream view of Bridge Replacement Project with steelhead passage barrier removed.

After the barrier was removed, we implemented an instream project with RCO #18-202 Steptoe Creek Instream PALS Project just above the bridge.

### Steptoe Creek Instream Habitat Rehabilitation

Project: RCO #18-2020

<i>PALS Type</i>	<i>Count</i>
Channel Spanning	5
Bank Attached RL	47
Bank Attached RR	78
Mid-Channel	5
<b>Total</b>	<b>135</b>



Example of 5 different PALS structures above the bridge. Bridge would be in bottom left of above photo







RESTORATION

See SRFB Manual 5 for additional information regarding allowable costs.

		OVERALL PROJECT		GRANT REQUEST		MATCH			
		Budget must account for all costs to complete the project		Enter only the amount of the grant request		The Grant Request and Match should equal the total project cost and Budget Check cell should be 0. Sponsors must account for all sources and types of match need to complete the project.			
		Amount	Amount	Match in PRISM	Funding not reported in PRISM	Source (Grant, Cash, Materials, Labor, Volunteers, etc)	Match Type (federal, state, local)		
<b>Construction</b>									
Category (choose one)	Task Description	Qty	Rate						
Permits	HPA and other permits	1.00	\$ -	\$ 5,000	\$ 5,000	\$ -	\$ -		
Construction	Revome old culvert and install new arched culvert	1.00	\$ -	\$ 234,000	\$ 234,000	\$ -	\$ -		
Cultural resources	Get sign-off on CR	1.00	\$ -	\$ 10,000	\$ 10,000	\$ -	\$ -		
			\$ -	\$ -	\$ -	\$ -	\$ -		
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STotal				\$ 249,000	\$ 249,000	\$ -	\$ -		

<b>Administrative, Architectural &amp; Engineering</b>									
Category	Task Description	Qty	Rate						
Assessments (geologic, hydraulic, etc.)	As built and final design	1.00	\$ -	\$ -	\$ -	\$ 44,000	\$ -		
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			\$ -	\$ -	\$ -	\$ -	\$ -		
STotal				\$ -	\$ -	\$ 44,000	\$ -		

<b>Indirect Costs</b>									
	Description	Approved Rate	Total Project Base						
	Indirect	0.000%	\$ -	\$ -	\$ -	\$ -	\$ -		
	Indirect	0.000%	\$ -	\$ -	\$ -	\$ -	\$ -		
STotal				\$ -	\$ -	\$ -	\$ -		

AA&E Budget Check  
A&E maximum allowed in PRISM \$ 74,700.00  
A&E validation 30,700

GTOTAL	\$ 249,000	\$ 249,000	\$ 44,000	\$ -
PRISM Project Total			\$ 293,000	
RCO Percentage			Match Percentage	
			84.98%	15.02%