PROJECT: 26-1139 REST, TENMILE PA 71-72 RESTORATION

Sponsor: Asotin Co Conservation Dist Program: Salmon State Projects Status: Preapplication

Parties to the Agreement

PRIMARY SPONSOR

Asotin County Conservation District

Address 1397 Port Drive

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

Org Type District-Conservation

Vendor # SWV0010207-00

UBI

Date Org created

Org Notes

link to Organization profile

☐ Org data updated

SECONDARY SPONSORS

No records to display

MANAGING AGENCY

Recreation and Conservation Office

LEAD ENTITY

Snake River Salmon Rec Bd LE

QUESTIONS

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

External Systems

SPONSOR ASSIGNED INFO

Sponsor-Assigned Project Number

Sponsor-Assigned Regions

LINK AN EXISTING SRP PROJECT

Unlink

26-1139, Tenmile PA 71-72 Restoration, Salmon State Prc

Project Application Report - 26-1139

Project Contacts

Contact Name Primary Org	Project Role	Work Phone	Work Email
Kat Moore Rec. and Conserv. Office	Project Manager	(360) 867-8426	kathryn.moore@rco.wa.gov
Megan Stewart Asotin Co Conservation Dist	Project Contact	(509) 552-8100	megan@asotincd.org
Brad Riehle Asotin Co Conservation Dist	Alt Project Contact	(509) 552-8117	brad@asotincd.org
Kodie Wight Asotin Co Conservation Dist	Alt Project Contact	(509) 552-8119	kodie@asotincd.org
Lacy Ausman-Ditto Asotin Co Conservation Dist	Alt Project Contact	(509) 552-8120	lacy@asotincd.org
Ali Fitzgerald Snake River Salmon Rec Bd LE	Lead Entity Contact	(509) 382-4115	ali@snakeriverboard.org
Colleen Ozard Asotin Co Conservation Dist	Billing	(509) 552-8097	colleen@asotincd.org

Worksites & Properties

#	Worksite Name
#1	Worksite 1

Restoration	Property Name
	Luhn Cattle LLC

Worksite Map & Description

Worksite #1: Worksite 1

WORKSITE ADDRESS

Street Address

City, State, Zip

Worksite Details

Worksite #1: Worksite 1

SITE ACCESS DIRECTIONS

TARGETED ESU SPECIES

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

Reference or source used

Asotin County Geomorphic Assessment

TARGETED NON-ESU SPECIES

Species by Non-ESU	Notes
Unknown	

Questions

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

none

Project Application Report - 26-1139

Project Location

RELATED PROJECTS

Projects in PRISM

PRISM Number	Project Name	Program Name	Current Status	Relationship Type	Notes
15-1308 P	Asotin County Geomorphic-Watershed Assessment	Salmon Federal Projects	Closed Completed	Earlier Phase	

Related Project Notes

Questions

#1: Did this project originate from the Shore Friendly program?

No

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

The Tenmile Creek PA 71-72 Instream Habitat project is located south of the City of Asotin, WA along Tenmile Creek Road. The project begins at RM 10.3 and ends a RM 12.8. Tenmile Creek is listed as an mSA and Priority Protection Reach that flows directly into the Snake River.

#3: 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.

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.
This project is identified as a top priority and located in a minor spawning area for Steelhead and a priority restoration reach in the Snake River Salmon Recovery Plan and 3 yr workplan.

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

Yes

#4a: How does this project fit into the sequencing of the larger project?

This project area was identified in the Asotin County Conceptual Restoration Plan as a conservation reach during the Geomorphic and Watershed Assessment that was completed for Asotin, George, Alpowa, Couse and Tenmile Creek watersheds in Asotin County in 2018.

#5: 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: Luhn Cattle LLC (Worksite #1: Worksite 1)

Restoration

LANDOWNER

Name	Luhn Cattle LLC
Address	PO Box 819
City	Asotin
State	WA Zip 99402
Type	Private

CONTROL & TENURE

Instrument Type	Landowner Agreement
Timing	Proposed
Term Length	Fixed # of years
# Yrs	10
Expiration Date	12/31/2035

Note

Project Proposal

Project Description

The Asotin County Conservation District is sponsoring the Tenmile Creek Project Area 71 & 72 Restoration project to install instream wood habitat structures. The begins at RM 10.8 and ends at RM 12.8. The intent is to improve Steelhead habitat for migration, spawning, and rearing life stages. The goals of the project are to promote overbank flow, increase complexity, and improve sediment & water retention. Tenmile creek is listed as a minor spawning area and Priority Restoration Reach in Tenmile Creek, a tributary to the Snake River. More information about this project is available in the Asotin County Conceptual Restoration Plan: https://srpsecure.rco.wa.gov/file/320/25509.

Project Questions

Project Application Report - 26-1139

#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.

Southeast Washington has some of the most erosion prone soils in the country and soil erosion was a significant problem prior to the 1990s. Intensive agriculture on loess soils with a high erosion potential led to an over-supply of fine sediment into streams that severely degraded spawning habitat. Intensive logging in the headwaters, grazing throughout the watershed, removal of mature riparian forests, and numerous diversion dams for irrigation also led to degradation of fish habitat and rapid decline or complete extirpation of fish populations. Several large floods that happened every 10-20 years in the last century exacerbated the impact on channel, riparian, and floodplain conditions. In 1995, the community led Asotin Creek Model Watershed Plan was developed and in the subsequent 20 years restoration projects were implemented to improve upland and stream conditions. channel stability (defined as the channel being too unstable) is not an issue in most areas. The flooding, loss of LWD, straightening of many channels, and re-establishment of dense riparian areas dominated by alder has had the opposite effect – channels are “locked” in place and are very efficient at transporting sediment and wood. This situation leads to low habitat diversity and a lack of well sorted gravel and cobble bars. This lack of LWD and overall stream complexity has let to the current issues in the project area.

This property has limited access in a remote area of Asotin County. The property was historically utilized for livestock grazing before riparian exclusion was implemented in 2002. Riparian restoration was successful, but did not result in the creation of sufficient instream habitat features. The surrounding uplands are still used for rangeland grazing, and the reach has been enrolled in the Conservation Riparian Enhancement Program since 2002.

Tenmile Creek supports the ESA listed Snake River summer steelhead. This project covers a 2.0-mile section of Tenmile Creek project areas 71 and 72, were identified in the Asotin County Conceptual Restoration Plan as supporting migration, spawning, rearing, and holding for steelhead. This project will support long-term and short-term stream processes to improve all limiting factors for all identified life stages. The proposed structures will use the low-tech process-based approach to create diverse habitat features, sort sediments, and facilitate the establishment of riparian vegetation to shade the stream.

The Asotin Conceptual Restoration Plan identifies improving access to the floodplain and flood channels, and adding structural elements as priorities for this project area while protecting and enhancing the existing riparian vegetation. This project seeks to develop a site plan and implement restoration activities that address limiting factors for steelhead through this 2.0-mile reach.

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

The limiting factors identified in the Asotin Conceptual Restoration Plan for Steelhead in PA 71 and 72 are flow, habitat diversity, sediment load, temperature, and key habitat quantity for steelhead. Fish life stages identified for PA 71 and 72 are migration, spawning, rearing, and holding. This project will support long term and short-term stream processes to improve all limiting factors for all identified life stages. The proposed structures will use the low-tech process-based approach to create diverse habitat features, sort sediments, and facilitate the establishment of riparian vegetation to share the stream.

#3: **Project Goals.** 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 project goals are to protect and enhance riparian and fluvial processes in Tenmile Creek by adding LWD to the channel and floodplain, controlling invasive vegetation, improving access to floodplain and to flood channels, and promoting overbank flow. Improving access to flood channels through increasing floodplain connections will amplify riparian recovery through regular and repeated floodplain inundation. LWD is not collecting in sufficient densities naturally in the reach's current condition. Adding LWD to the channel will improve hydraulic and geomorphic diversity, promote overbank flows, and increase sediment and water retention. Adding LWD the floodplain in conjunction with improved floodplain access will promote fine sediment deposition and improve floodplain conditions, and will increase regularity of floodplain inundation and sustain restoration actions.
Steelhead in all life stages are present, and will benefit from improved stream habitat quantity and quality, geomorphic function and the restoration of ecological conditions, and extended summer base flows. Adding LWD to the channel will improve habitat diversity and create key habitat features such as pools, cover, suitable spawning areas, margin-attached bars, and concealment opportunities. LWD may also increase water retention and improve hyporheic exchange which could extend summer base flows and buffer stream temperatures downstream.

#4: **Project Objectives.** 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**

The objectives of this project are:
• Improve access to 1500 feet of flood channel habitat to support juvenile rearing and over-wintering habitat
• Provide 8 acres of floodplain connectivity with a target of overbank flows at the annual high flow reoccurrence
• Install 170 LWD structures over approximately 9,300 feet of channel length to provide instream channel complexity, develop approximately 55 pools and promote overbank flows
• Control noxious weeds to support native and desirable riparian vegetation on 101 acres
• Plant 1500 trees and shrubs to increase riparian quality, quantity, diversity and canopy cover.

#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.

Pre-Funding Scope of Work:
We will be monitoring the site starting in April 2025 to identify stream conditions and flow changes from the high flows (runoff) and continue monitoring throughout the summer and fall as flows reduce and eventually go subsurface. This will provide us with valuable data that will inform the site plan that will be developed. The ACCD staff will take aerial videos and photos utilizing the ACCD drone to document site and flow changes.
Post-Funding Scope of Work:
Site investigation by ACCD – Stream assessment and Identify structure placement
- September 2025 - March 2026
Develop Site Plan by ACCD – Plan will identify structure locations and type including material and quantities needed. It will also include generic designs for PALS and location specific designs for placements, sizes, and construction. The site plans will be reviewed by funding sources before finalized.
- February – April 2026
Secure Permits by ACCD staff – Utilize JARPA to secure HPA, Shoreline and other required permits for project
- January - April 2023
Construction Prep – Secure and stage materials by ACCD crew, with oversight by ACCD
- May - July 2026 and 2027
Install Structures – ACCD Crew will install PALS, with oversight by ACCD during the instream work window
- July – September 2026 and 2027
Assess & Monitor Structures – Complete as-built design, GPS all structures and establish photo/video monitoring points will be completed by ACCD. Site visits during and after high flow periods to assess and document effectiveness
- Late fall, winter and spring 2027 and 2028
Close Out – Complete documentation and final reporting for project closeout
Spring/Summer 2028

#6: **Assumptions and Constraints.** What are the assumptions and physical constraints that could impact whether you achieve your objectives? Assumptions and constrains 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?

The landowner within the project area has already provided support for this project to be developed, and has already completed multiple restoration projects below this reach of Tenmile Creek on PA-68.1, and PA 65-67. This project is a direct result of his support and restoration actions, and the landowner will be included in the review and development of the site plans. PALS structures will be sized appropriately to provide habitat complexity and longevity, without the risk of being lost or damaged during high flow events. The project will consist of several structures in “complex arrangements” to allow material that leaves one structure to accumulate downstream structures to continue providing benefit throughout the project area. Bedrock below the stream channel may prevent installation of PALS in limited areas, preventing wood posts from being secured adequately. Bedrock areas will be avoided to prevent loss of structures, structure locations may be adjusted slightly or removed from designs to accommodate unforeseen bedrock during construction.
LTPBR structures provide the opportunity to improve stream conditions with limited negative effects to maturing vegetation and is appropriate scope and scale for the stream size.
The location of the project site is remote, and site access is limited. The access lane is an unmaintained dirt-surface road, which severely limits the feasibility of restoration projects. Large equipment is not realistic for this project area, and trucks with trailers may also be limited in their access to the site. A helicopter is recommended for inserting woody materials into the site to reduce the potential for negative impacts of repeated vehicle access, and to reduce the time and emissions required to truck materials into the remote area.
The assumption was made that any temporary negative impacts to the current conditions would be outweighed by the potential long-term benefits of the project.

#7: **Previous Lessons Learned.** How have lessons learned from completed projects or monitoring studies informed this project?

Over the past decade, the technique of using PALS has been a popular method to improve instream conditions. There has been a great deal of success documented throughout the region. However, project implementors are finding that some of the initial structures were too small in scale. The recommendation being provided is to increase the size of the PALS that are being built to maximize the function of the structure. We utilized this strategy in the Tenmile and Couse Creek watersheds during the past five years. Previous projects on Kelly Creek and Tenmile Creek also had extremely limited access to the site, making the feasibility of trucking materials into the site prohibitive. ACCD contracted with local helicopter contractors to insert the materials by sling-load into the sites to save time, emissions, and to reduce potential negative impacts of repeated access to the site. These experiences informed our strategy for remote locations in project planning, materials processing and staging, and project implementation.

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

In the past heavy equipment was used for instream restoration projects. Since the Asotin Creek IMW introduced the use of low-tech Post Assisted Log Structures (PALS) and Beaver Dam Analogs (BDA,) the implementation of restoration projects in small streams shifted to utilizing techniques that have less disturbance to the stream and riparian vegetation.

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

This project was identified during the Asotin County Geomorphic and Watershed Assessment development. The conceptual restoration plan was developed as a result of the process and this project was included in the plan. Landowners were engaged throughout the Assessment and Conceptual Restoration Plan development through public meetings and onsite visits. There has been no opposition to the conceptual restoration plan that was developed for PA 71-72. This project is being proposed on private property and the landowner is willing to proceed with the development of a complete site plan and implementation of the project. There are no identified public safety concerns identified at this time. In the event there is a safety concern identified, ACCD will address the concerns while completing the site plan and designs.

#10: **Climate Change.** Does your project address or accommodate the anticipated effects of climate change?

Yes

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

Many streams in Asotin County, including Tenmile Creek, originate in the Blue Mountains and the current hydrologic regime is snow-rain dominated for these streams, however it is anticipated to shift to a rain dominated regime. This will likely decrease summer base flows and increase summer water temperatures. Healthy stream and riparian areas conditions are essential during climate change shifts since they provide a critical location in the ecosystem for habitat for both fish and wildlife. The restoration work proposed will improve the resiliency of the project area and overall watershed.

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

This project will result in the implementation of structures and instream habitat rehabilitation increasing salmon and steelhead resiliency to climate change. Creating more diversity of habitat elements, increasing riparian cover, increasing vegetation diversity, and restoring or extending base flows will reduce environmental stressors, increase habitat connectivity, and provide critical habitat refugia that will buffer some negative effects of climate change for sensitive species.

Project Application Report - 26-1139

#11: **Project Team Experience.** Describe the project management team's experience managing this type of project. Describe other projects where they have successfully used a similar approach.

The Asotin County Conservation District has been managing natural resource and habitat improvement projects for several years. We have built positive relationships with the landowners of Asotin County and have been successful in implementing projects from start to finish. Asotin County Conservation District also has great relationships with technical partners throughout the region and has utilized their expertise as needed.

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

No

Restoration Supplemental

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

Preliminary

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

Preliminary / Field Fit

#1aa: If you are proposing to follow the field fit guidance in **Appendix D** then describe your proposed design process and deliverables to be completed prior to construction. Refer to the project deliverables table from Appendix D in your description.

Structure plan developed for Low-Tech Process-Based Restoration will be followed. We will identify the type of PALS to be used and their orientation within the stream channel.

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

No

#2a: Describe the qualifications of the design team.

This project will consist of placing low-tech process base structures (PALS & BDA). The ACCD staff has been trained by Ecological Research, Anabranch and Cramer Fish teams on how to develop site plans for low-tech projects. The site plans are reviewed by SRFB and BPA environmental staff prior to implementation.

#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.

ACCD will require all equipment used by the contractor/crew to be cleaned and inspected prior to accessing the project site. There will be a dip station available for everyone to treat boots and waders prior to accessing the site. If there are any areas disturbed during construction, it will be seeded with a native grass mix.

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

While we do not anticipate significant maintenance, we do plan on providing wood supplements to the PALS and BDAs over the 10-year project life. ACCD will conduct site evaluations annually to determine the function of the structures and what maintenance is needed. We will utilize the ACCD Restoration Crew to conduct any maintenance work that is identified.

Restoration Metrics

Project Application Report - 26-1139

Worksite: Worksite 1 (#1)

Miles of Stream and/or Shoreline Treated or Protected (C.0.b)	1.76
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. Asotin County Watershed Assessment and Conceptual Restoration Plan
Priority in Recovery Plan	The project is identified as a top priority and located in a minor spawning area for steelhead and a priority restoration reach in the Snake River Salmon Recovery Plan and 3 year workplan
Type Of Monitoring (C.0.d.1)	Implementation Monitoring
Monitoring Location (C.0.d.2)	Onsite

INSTREAM HABITAT PROJECT

Total Miles Of Instream Habitat Treated (C.4.b)	1.76

Channel structure placement (C.4.d.1)

Total cost for Channel structure placement	$181,000
Material Used For Channel Structure (C.4.d.2)	Individual Logs (Anchored)
Miles of Stream Treated for channel structure placement (C.4.d.3)	1.76
Acres Of Streambed Treated for channel structure placement (C.4.d.4)	25.5
Pools Created through channel structure placement (C.4.d.5)	55

RIPARIAN HABITAT PROJECT

Total Riparian Miles Streambank Treated (C.5.b.1)	1.10
Total Riparian Acres Treated (C.5.b.2)	6.5

Planting (C.5.c.1)

Total cost for Planting	$3,575
Species Of Plants planted in riparian (C.5.c.2)	
Acres Planted in riparian (C.5.c.3)	6.5
Miles of streambank planted (C.5.c.4)	
Average Riparian Width	176
Site Potential Tree Height at 200 years (SPTH-200)	131 feet

Riparian Plant removal / control (C.5.h.1)

Total cost for Plant removal / control	$15,000
Species of Plants Treated/Removed in riparian (C.5.h.2)	
Acres of riparian treated for plant removal/control (C.5.h.3)	101.0
Miles of streambank treated for plant removal/control (C.5.h.4)	

CULTURAL RESOURCES

Cultural resources

Total cost for Cultural resources	$8,000
Acres surveyed for cultural resources	

PERMITS

Obtain permits

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

ARCHITECTURAL & ENGINEERING

Architectural & Engineering (A&E)

Total cost for Architectural & Engineering (A&E)	$50,000

Project Application Report - 26-1139

Overall Project Metrics

COMPLETION DATE	
Projected date of completion	12/31/2029

Restoration Cost Estimates

Worksite #1: Worksite 1

Category	Work Type	Estimated Cost	Note
Cultural Resources	Cultural resources	$8,000	
Instream Habitat Project	Channel structure placement (C.4.d.1)	$181,000	
Permits	Obtain permits	$2,000	
Riparian Habitat Project	Planting (C.5.c.1)	$3,575	
	Riparian Plant removal / control (C.5.h.1)	$15,000	
	Subtotal:	$209,575	
Admin, Architecture, and Engineering		$50,000	
	Total Estimate For Worksite:	$259,575	

Summary

Total Estimated Costs Without AA&E:	$209,575
Total Estimated AA&E:	$50,000
Total Estimated Restoration Costs:	$259,575

Project Application Report - 26-1139

Cost Summary

	Estimated Cost	Project %	Admin/AA&E %
Restoration Costs			
Restoration	$209,575		
Admin, Architecture, and Engineering	$50,000		23.86 %
SUBTOTAL	$259,575	100.00 %	
Total Cost Estimate	$259,575	100.00 %	

Funding Request and Match

FUNDING PROGRAM

Salmon State Projects	$259,575	100.000000

SPONSOR MATCH

Questions

#1: Explain how you determined the cost estimates

There have been several LWD projects completed throughout the region. Based on those project costs and the priorities for this project area the cost estimates were determined.

Other Funding

OTHER FUNDING DETAILS

Other Funds: Monetary Funding	Federal Grant	
Amount		$69,750
Funding Organization		Bonneville Power Administration (BPA)
Grant Program		
Other Funds: Monetary Funding	State Grant	
Amount		$17,275
Funding Organization		Department of Ecology (ECY)
Grant Program		
	Other Funding Detail Total:	$87,025

Cultural Resources

Cultural Resource Areas

Worksite #1: Worksite 1

Area: Uploaded APE

#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)

#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.

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

#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).

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

#6: Are you utilizing Federal Funding to complete the scope of work? This includes funds that are being shown as match or not.

#7: Do you have knowledge of any previous cultural resource review within the project boundaries during the past 10 years?

#8: Is the worksite located within an existing park, wildlife refuge, natural area preserve, or other recreation or habitat site?

#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.

Project Permits

Permits and Reviews	Issuing Organization	Applied Date	Received Date	Expiration Date	Permit #
Archaeological & Cultural Resources (EO 21-02)	DAHP				
Cultural Assessment [Section 106]	DAHP				
Endangered Species Act Compliance [ESA]	US Fish & Wildlife				
Hydraulics Project Approval [HPA]	Dept of Fish & Wildlife				

Permit Questions

#1: Are you planning to use the **Limit 8** streamlined Environmental Species Act consultation pathway?

Attachments

Required Attachments	7 out of 7 done
Applicant Resolution/Authorizations	✓
CCA Tribal Notification	✓
Cost Estimate	✓
Landowner Acknowledgement	✓
Map: Restoration Worksite	✓
Photo	✓
RCO Fiscal Data Collection Sheet	✓

PHOTOS (JPG, GIF)

Photos (JPG, GIF)

698630

698631

698632

698633

698634

PROJECT DOCUMENTS AND PHOTOS

Project Documents and Photos

File Type	Attach Date	Attachment Type	Title	Person	File Name, Number Associations	Shared
	02/26/2026	Landowner Acknowledgement	Landowner_Acknowledgement_Form_PA772.pdf	LacyA	Landowner_Acknowledgement_Form_…72.pdf, 701238	
	02/26/2026	CCA Tribal Notification	Tribal Notification_CCA_CT_Tenmile_PA7172.pc	LacyA	Tribal Notification_CCA_CT_Tenmile_PA71…701237	✓
	02/26/2026	CCA Tribal Notification	Tribal Notification_CCA_NPT_Tenmile_PA7172.p	LacyA	Tribal Notification_CCA_NPT_Tenmile_PA7…701236	✓
	02/10/2026	Preliminary design report	TMC_PA_71_72_Conceptual Design Memo PRELIMINARY DRAFT2.docx	LacyA	TMC_PA_71_72_Conceptual Design Memo PRELIMINARY DRAFT.docx, 699128	✓
	02/09/2026	Preliminary design report	TMC_PA_71_72_Conceptual Design Memo PRELIMINARY DRAFT.docx	LacyA	TMC_PA_71_72_Conceptual Design Memo PRELIMINARY DRAFT.docx, 698986	✓
	02/09/2026	Map: Restoration Worksite	TENMILE_PA71-72_LTPBR_COMPLEX1_MAP_DETAIL_D	LacyA	TENMILE_PA71-72_LTPBR_COMPLEX1_MAP_DETAI…698981	✓
	02/09/2026	Map: Restoration Worksite	TENMILE_PA71-72_LTPBR_OVERVIEW_MAP_DRAFT.pdf	LacyA	TENMILE_PA71-72_LTPBR_OVERVIEW_MAP_DRAF…698967	✓
	02/06/2026	Applicant Resolution/Authorizations	Applicant Authorization Resolution - Signed 2026.pdf	MeganS	Applicant Authorization Resolution - Signed 2026.pdf, 698641	✓
	02/06/2026	Photo	Photo 7.jpg	MeganS	Photo 7.jpg, 698636	✓
	02/06/2026	Photo	Photo 6.JPG	MeganS	Photo 6.jpg, 698635	✓
	02/06/2026	Photo	Photo 5.JPG	MeganS	Photo 5.jpg, 698634	✓
	02/06/2026	Photo	Photo 4.JPG	MeganS	Photo 4.jpg, 698633	✓
	02/06/2026	Photo	Photo 3.JPG	MeganS	Photo 3.jpg, 698632	✓
	02/06/2026	Photo	Photo 2.jpg	MeganS	Photo 2.jpg, 698631	✓
	02/06/2026	Photo	Photo 1.jpg	MeganS	Photo 1.jpg, 698630	✓
	02/04/2026	Cost Estimate	SRFB_Cost_Estimate - Tenmile Creek PA 71-72.xlsx	MeganS	SRFB_Cost_Estimate - Tenmile Creek PA 71-72.xlsx, 698412	✓
	02/03/2026	RCO Fiscal Data Collection Sheet	FiscalDataCollectionSheet 2026.pdf	MeganS	FiscalDataCollectionSheet 2026.pdf, 698204	
	02/03/2026	Correspondence	Letter of Intent 2026 - Tenmile Creek PA 71-72 Restoration.p	MeganS	Letter of Intent 2026 - Tenmile Creek PA 71-72 Restoration.pdf, 698150	✓

Application Status

Application Due Date: 06/22/2026

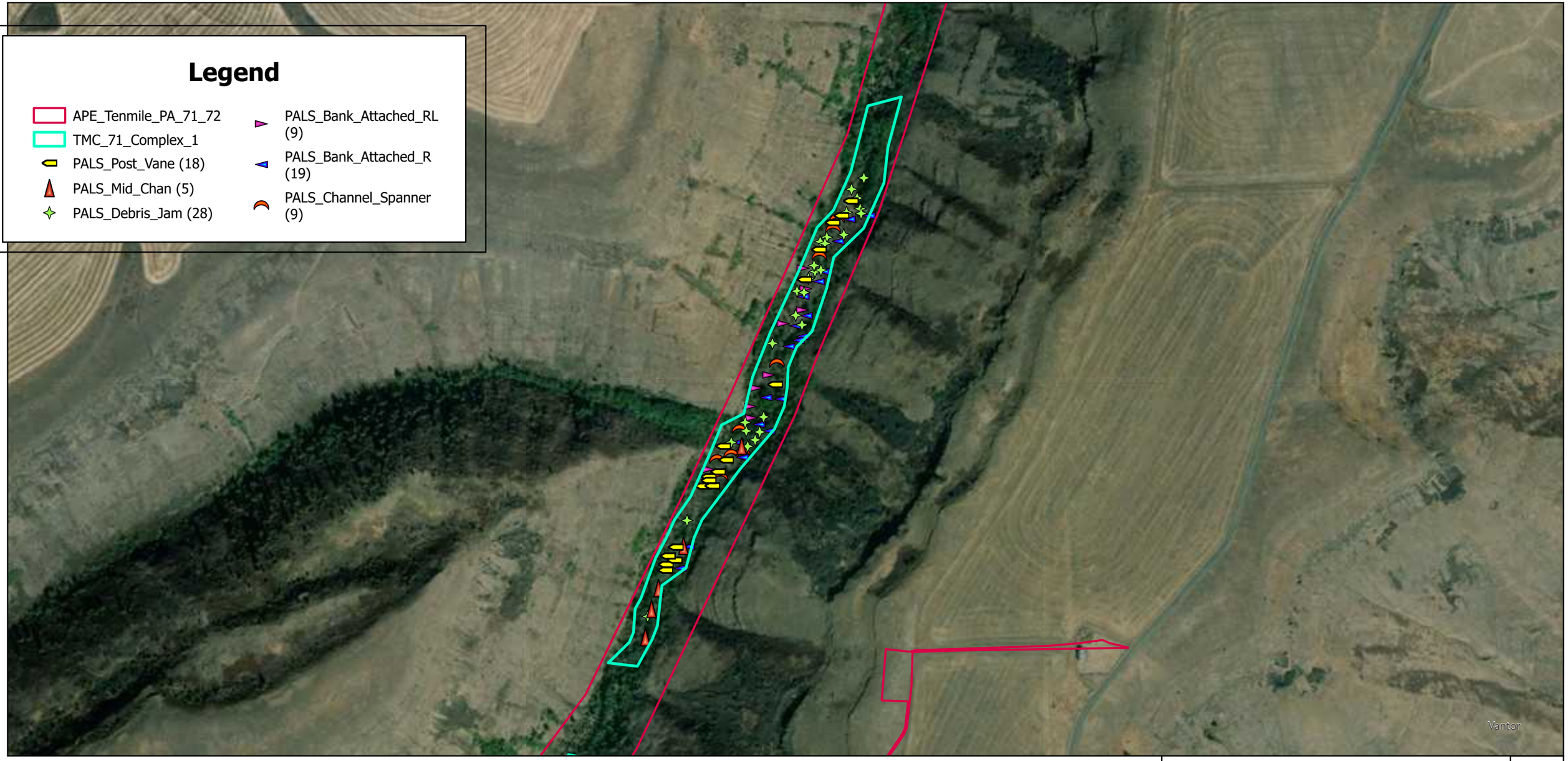
Status Name	Status Date	Submitted By	Submission Notes
Preapplication	01/15/2026		

I certify that, to the best of my knowledge, all information in this application is true and complete, and if artificial intelligence (AI) was used to prepare this application, I accept full responsibility for ensuring its accuracy and compliance. I understand incomplete applications will be rejected by RCO and that I may be asked to submit additional documentation before evaluation or approval of this project. I understand that if a grant is awarded to my project, I will be bound by all representations and commitments in this application, which RCO may enforce to the fullest extent permitted by law.

Date of last change: 02/26/2026

Austin Co Conservation Dist: Tenaris PA Tr F2 Restoration (#19-1128)

Attachment #8596CEL Photo 8 (JPG)

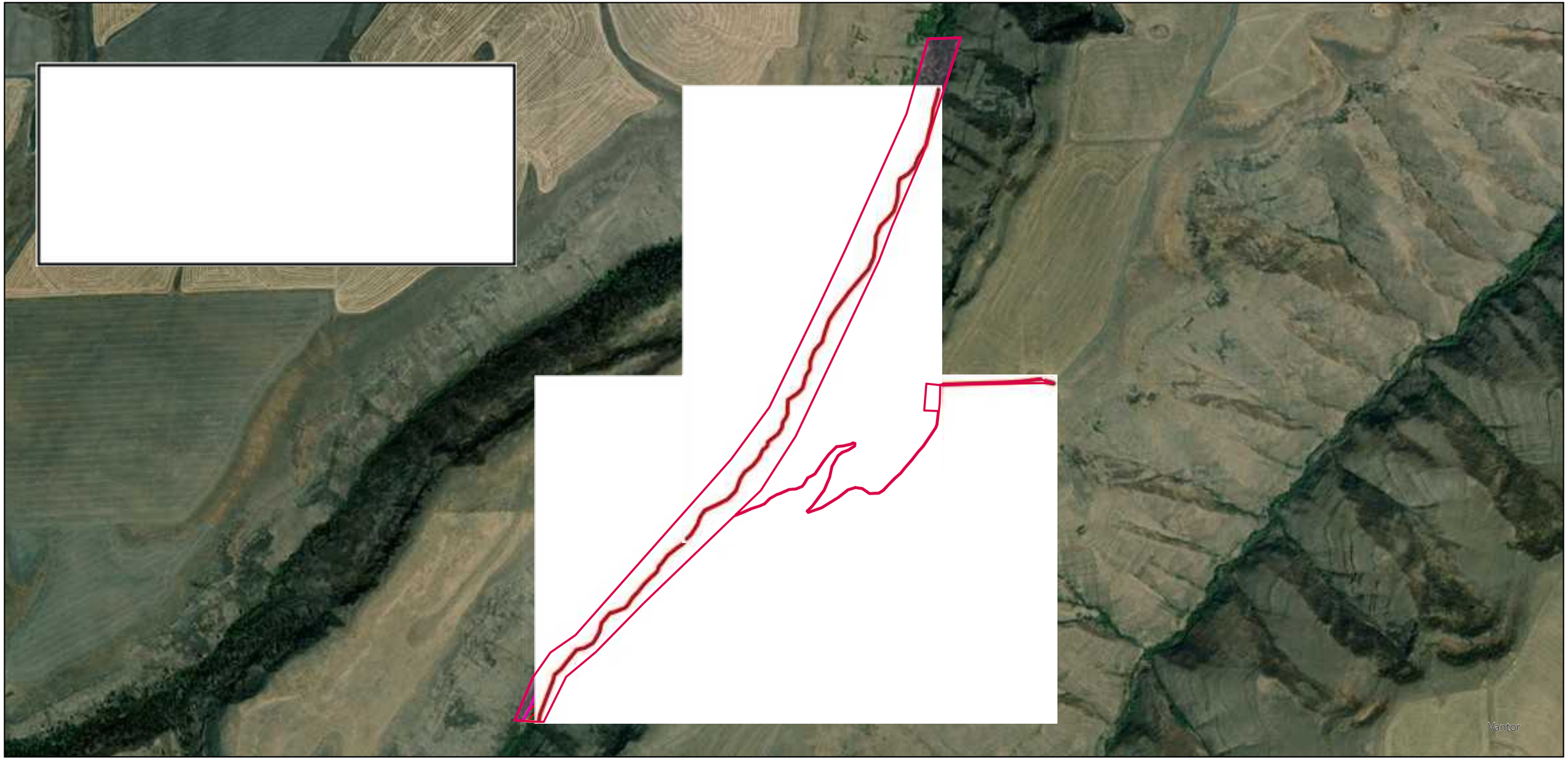


Tenmile Creek PA 71-72 Habitat Restoration Project
COMPLEX 1 DETAIL MAP - DRAFT

Asotin County Conservation District

Miles
0 0.05 0.09 0.18 0.27 0.36

Cooperator: Luhn Cattle, LLC
Assisted by: Lacy Ausman-Ditto



Tenmile Creek PA 71-72 Habitat Restoration Project Overview Map

0 0.15 0.3 0.6 Miles

2/9/2026

Asotin County Conservation District

Cooperator: Luhn Cattle, LLC
Assisted by: Lacy Ausman-Ditto

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)
Construction									
Category (choose one)	**Task Description**	**Qty**	**Rate**						
Construction supervision	*Installation Oversight*	240.00	$ 100.00	$ 24,000	$ 24,000	$ -			
Cultural resources	*Cultural Resource Survey*	1.00	$ 12,000.00	$ 12,000	$ 8,000		$ 4,000	BPA	Federal
Permits	*Permits*	1.00	$ 4,000.00	$ 4,000	$ 2,000	$ -	$ 2,000	BPA	Federal
Mobilization	*Access Improvement*	2,000.00	$ 5.00	$ 10,000	$ 5,000	$ -	$ 5,000	BPA	Federal
Construction	*Stage Material/Site Prep*	225.00	$ 150.00	$ 33,750	$ 20,000	$ -	$ 13,750	BPA	Federal
Equipment and equipment use	*Equipment - Post driver, generator, etc*	1.00	$ 1,500.00	$ 1,500	$ -	$ -	$ 1,500	BPA	Federal
Construction	*LWD*	225.00	$ 200.00	$ 45,000	$ 25,000	$ -	$ 20,000	BPA	Federal
Construction labor	*Installation*	225.00	$ 500.00	$ 112,500	$ 89,000	$ -	$ 23,500	BPA	Federal
Materials	*Wood Posts*	1,800.00	$ 12.00	$ 21,600	$ 18,000		$ 3,600	DOE	State
Construction	*Planting - Rooted*	1,000.00	$ 5.00	$ 5,000	$ 2,575		$ 2,425	DOE	State
Construction	*Planting - Cuttings*	500.00	$ 4.00	$ 2,000	$ 1,000		$ 1,000	DOE	State
Construction	*Weed Control*	101.00	$ 250.00	$ 25,250	$ 15,000		$ 10,250	DOE	State
			STotal	**$ 296,600**	**$ 209,575**	**$ -**	**$ 87,025**		
Administrative, Architechtural & Engineering									
Category	**Task Description**	**Qty**	**Rate**						
Administrative	*Grant Administration*	1.00	$ 30,000.00	$ 30,000.00	$ 30,000	$ -	$ -		
Data collection	*Site Assessment*	80.00	$ 100.00	$ 8,000.00	$ 8,000	$ -	$ -		
Final design	*Design/Engineering*	60.00	$ 100.00	$ 6,000.00	$ 6,000	$ -	$ -		
Other	*As-Built /Reporting*	60.00	$ 100.00	$ 6,000.00	$ 6,000	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			STotal	$ 50,000	$ 50,000	$ -	$ -		
Indirect Costs									
	Description	**Approved Rate**	**Total Project Base**						
	Indirect	0.000%	$ -	$ -	$ -	$ -	$ -		
	Indirect	0.000%	$ -	$ -	$ -	$ -	$ -		
			STotal	$ -	$ -	$ -	$ -		
			GTOTAL	**$ 346,600**	**$ 259,575**	**$ -**	**$ 87,025**		

AA&E Budget Check	
A&E maximum allowed in PRISM $	*62,872.50*
A&E validation	12,873

PRISM Project Total	$ 259,575
RCO Percentage	**Match Percentage**
100.00%	**0.00%**

Appendix F
Landowner Acknowledgement Form

Landowner Information

Name of Landowner: Luhn Cattle

Landowner Contact Information:

☒ Mr. ☐ Ms. Title:

First Name: Richard Last Name: Luhn

Contact Mailing Address: PO Box 819, Asotin, WA 99402

Contact E-Mail Address:

Property Address or Location: Lat. 46.161047°, Long. -117.055026°

1. (Landowner or Organization) is the legal owner of property described in this grant application.
2. I am aware that the project is being proposed on my property.
3. If the grant is successfully awarded, I will be contacted and asked to engage in negotiations.
4. My signature does not r present authorization of project implementation.

Landowner Signature Da e

Project Sponsor Information

Project Name: Tenmile Creek PA 71 & 72

Project Applicant Contact Information:

☐ Mr. ☒ Mrs. Title

First Name: Megan Last Name: Stewart

Mailing Address: 1397 Port Drive, Clarkston, WA 99403

E-Mail Address: megan@asotincd.org